Department of Co-operation, Office of The Registrar of Co-operative Societies

Jawahar Sahakarana Bhavan, DPI Jn. Thycaud PO, Thiruvananthapuram-695014

Phone: 0471 2331992 Email: keralarcs.coop@kerala.gov.in

Bid Number: RCS/589/2022-Carehome Date:17-08-2023

NOTIFICATION INVITING TENDER (NIT)

Accredited agencies (as per G.O(P)No.104/2022/Fin. Dated- 02/09/2022) which are having capabilities to **Execute Works Directly** using their own in house infrastructure facilities, man power and or cost effective techniques etc. as stated in para 3.2 of G.O(P)No.67/2021/Fin. Dated 28/04/2021 are requested to submit their competitive offer on Centage Charges (in percentage) excluding applicable GST as **Non Project Management Consultant (Non-PMC)** for below mentioned work for The Registrar of Co-operative Societies, Department of Co-operation. This offer shall be addressed and submitted to "The Registrar of Co-operative Societies, Office of The Registrar of Co-operative Societies, Jawahar Sahakarana Bhavan, DPI Jn., Thycaud PO, Thiruvananthapuram-695014" on or before 07-09-2023 by 4.00 pm in a sealed cover

Details of works: Execution of civil works(Type-A &Type-B), 3 DG and Street Light Foundation, Precast ferrocement Septic tanks and Soak Pits, Overhead Tank, Rain water Harvesting Tank, Borewell with pump, Electrical works, PHE works(Type-A &Type-B), FPS works, Interior works and allied works for constructing Collective Dwellings (Flat) at Panniyur village, Thalipparambu Taluk in Kannur District under Care Home Project. The work has to be executed strictly confirming to the relevent standards and as per G.O(P)No.67/2021/Fin. Dated 28/04/2021.

The Project Cost is Rs. 3,40,00,000/- (Including GST). Time of completion of work: 6 months from the date of issue of work order.

Further information/ clarification in this regard can be had from Shri. T.Ayyappan Nair, Deputy Registrar(Administration), during office hours (Mob-9447475480)

Department of Co-Operation reserves the right to accept or reject any or all offers in full/part without assigning any reasons whatsoever

	<u> </u>
Name of Work	Construction of Collective Dwellings and Additional
	facilities under Care Home Project
Location	Panniyur village, Thalipparambu Taluk in Kannur District

Sd/-

The Registrar of Co-operative Societies

Department of Co-operation

Please quote in the format given below

Name of Work	
Location	
Centage Percentage (Excluding GST)	
Name & Address of the Accredited Agency	
Name, Designation & Contact of Authorized Person	

_			
D	la	α	•
П	а	CE	•

Date : Signature with Seal

PROJECT REPORT

CONSTRUCTION OF CARE HOME AT KANNUR

CONSTRUCTION OF CARE HOME AT KANNUR

ESTIMATE REPORT

Amount: ₹3,40,00,000/-

The Life Mission is a housing scheme, to provide shelter to land less and homeless people in Kerala. The target is to build 4.3 lakh homes in five years. Under this programme, housing complexes will be build with all modern amenities and provisions will be made for the beneficiaries, to pursue their livelihoods.

Location Map:



About the Project:

The Proposal is for two nos of Type A & 1 nos of Type B G+1 load bearing structure at Kannur. The proposed typical structures are a G+1 storeyed load bearing structure resting on Dry rubble foundation. Soil test was conducted (2 Bore Holes were taken) for the site on (20th October 2020 to 24th October 2020), based on which foundation was recommended.

Type A unit - The Ground floor of the dwelling unit has provisions for four identical housing unit, a common stair case, steps & ramp. Each housing units has provision for a Living cum dining, a kitchen, two bed rooms and a common toilet. The first floor of the dwelling unit has provisions for four identical housing unit as similar as ground floor, a

common stair & common landing. The terrace floor of this dwelling unit has provision for a stair headroom and a open terrace with parapet wall.

Type B unit - The Ground floor of the dwelling unit has provisions for Play school, Pantry, Recreation room, Disabled toilet, a common stair case, steps & ramp. The First floor of the dwelling unit has provisions for two identical housing unit. Each housing units has provision for a Living cum dining, a kitchen, two bed rooms and a common toilet. The terrace floor of this dwelling unit has provision for a stair headroom and a open terrace with parapet wall.

An L.S. amount has been considered for two precast ferro cement Septic tank & Soak Pit having 22400 Litre Capacity, a 56900 Litre Capacity respectively, a rain water harvesting tank having 13400 Litre Capacity and two overhead tank (Steel) having 5000 Litre capacity each has been considered. A sintex tank having capacity 500 litre has been considered for each individual houses. Provision for a borewell also been considered in this proposal.

The detailed estimate has been considered for Electrical works, PHE works and interior works in this proposal.

Floor Plan Area Table (Type A building - 2 nos):

Floor	Area (m²)	Area (ft²)
Ground Floor	210.70	2267.97
First Floor	210.70	2267.97
Terrace Floor	18.30	196.98
Total	439.70	4732.93

Floor Plan Area Table (Type B building - 1 nos):

Floor	Area (m²)	Area (ft²)
Ground Floor	114.40	1231.40
First Floor	111.39	1199.00
Terrace Floor	18.30	196.98
Total	244.09	2627.38

The various provisions given in the estimate are as follows:

- **1. Structure** Load bearing structure resting on Dry rubble foundation. Foundation for DG in laterite masonry and foundation of street light poles(5nos) also considered.
- **2. Super Structure** Laterite Masonry (20cm thick, 10cm thick) up to plinth and above plinth, Solid block masonry (10cm thick) above plinth in CM 1:6 in each building.
- 3. Damp Proof Course (DPC) DPC has been considered.
- **4. Joinery Details** Aluminium windows with MS grills for windows and ventilators, PVC doors are given for toilets, pincoda wooden doors for main entry door of each housing unit, Moulded paneled door for bed rooms and MS sheet door are provided at terrace in the building. All the Main frame of doors and windows other that pincoda wooden door has been considered as concrete frames.
- **5. Staircase** RCC staircase inside the building.
- **6. Railings-** Combination of MS and GI handrails for the staircases, passages and ramps.
- 7. Plastering Plastering of 12mm thick with CM 1:4 for walls and 9 mm thick with CM 1:3 for ceiling.
- **8.** Waterproofing Waterproofing treatment is provided for all sunken portions of toilets only.
- **9. Flooring** –Vitrified flooring for common passage and steps. Remaining all other rooms and toilets with Ceramic tiles. Tactile tile flooring for ramp has been considered.
- 10. Overhead Tank A sintex tank having capacity at 500 Litre has been considered for all the individual houses. Provision for overhead fire tank (Steel tank) has been considered.
- 11. Septic Tank & Soak Pit Lump sum amount has been considered for precast ferro cement septic tank having the capacities 22400 Litre & 56900 Litre.
- **12.** Rain Water Harvesting Tank L.S amount for Rain water harvesting tank of 13400 Litre Capacity has been considered.
- 13. Landscaping Works & Ground Development Not been considered.
- **14. Painting** Painting with plastic emulsion paint for all external walls and plastic emulsion paint for interior walls, painting with synthetic enamel paint for MS grill work and Melamine polishing for pincoda wooden doors.
- **15. Electrical Works** –The electrical work includes electrical wiring, DB fixing, cable laying and terminations, earthing, metering panels, fixing of light fixtures and fans etc. A 20kVA DG works are also encompassed in the estimate.Our scope of work

starts from the supply and installation of metering panels to which KSEB supply is to be taken. We have proposed separate metering panels for the proposed three blocks, from which supply is fed to the apartments. The metering panels for the first and second block feeds the light and power loads in the apartments of respective blocks. From the metering panel proposed in the third block, the supply is fed to the two apartments in the first floor and to the common panel. Common panel distribute supply to the Fire panel, feeder provision for plumbing load, Common DB meant for ground floor recreation area, play school and common area loads. The DG is designed for meeting the essential load demand of common panel only.

16. Public Health Engineering (PHE) Works –The Project Consist of Sanitary fixtures and Fittings of Water closets European lower level flushing Cistern with health faucet and Indian Orissa pattern type. Considering the Project of wall hung Washbasin with necessary CP Fittings. Standard accessories of PTMT towel rail in each toilet are considered. Kitchen and Pantries are providing Sink of single bowl without drain board and long-body bib cock. All the sanitary fixtures and Cp fittings are considering Parryware/Jaquar /Equivalent. The drainage system considered in a basic 2-pipe system in which All waste and soil appliances shall be Provided with traps. All soil, waste ,Vent Pipes and fittings are of SWR /uPVC pipes Confirming as per IS13592 / 4985 and its Fittings. External Buried Pipes are of uPVC 6Kg/sqcm of confirming IS 4985. Sanitary Drainage pipes are approved make of Finolex/Equivalent.

Rain water from terraces and other open areas shall be collected through Rain water Down take pipes of uPVC 4Kg/sqcm of confirming IS 4985. Considering Rain Water pipes of approved make of Finolex/Equivalent.

The water distribution system for the Building Through by gravity from the 500Ltrs Polyethylene overhead Water storage tank of (Sintex Make). Considering Water supply Pipes of IS 4985 10kg/Sq-cm for both concealed and exposed pipes for distribution .Provided Isolation Valves also controlling Distribution .Transfer Pump for Filling the overhead water tanks are not consider in the estimate .Water supply pipes & Valves are approved make of Finolex /Sks / Zoloto/ Equivalent.

17. Fire Protection (FPS) Works- The Fire Protection System for the project has been proposed as per the mandatory recommendations implemented by Kerala Fire & Rescue Services, in accordance with NBC, applicable IS Codes & Standards. As per revised application cum check list of Fire Safety Kerala Department the building falls

under Residential Buildings (Dormitories and Apartment Houses) – Height below 15m, The proposed FPS system includes Overhead tank of 5,000L capacity, Automatic Pumping System with electrical terrace pump, Internal Hydrant Systems, Fire Brigade Inlet, Fire Extinguishers and Safety Signage as per building demand. The design has been worked out as per the available Architectural drawings of the project.

- **18. Interior Works** Cement board partition with paint finish and flush door has been considered in Interior works.
- **19. GST** Applicable GST @18% is considered for the work part.
- **20.** Lump sum Round-off LS amount provided for unforeseen items if any.
- 21. Planning, Design & Estimation charges not considered & will be extra.

All other provisions given in the estimate are self-explanatory.

Existing Site Photos:









CPWD data with DSR 2018 and cost index 36.44% (G.O No.(P) No. 114/2021/Fin. dated 13/08/2021) for Kannur district has been adopted for the rate analysis. The total amount of estimate including lump sum provision for unforeseen items works out to ₹3,40,00,000/-(Rupees Three Crore Forty Lakh only) for the proposal of Life Mission Project at Kannur.

CONSTRUCTION OF CARE HOME AT KANNUR

General Abstract

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Heading Description	Amount
1	Type A - Civil Works - For 2 Housing Unit (Detailed estimate attached)	15830112.82
2	Type B - Civil Work (Detailed estimate attached)	4278891.62
3	L.S. for Precast ferrocement Septic tank and Soak Pit (22400 Litre Capacity)	336000.00
4	L.S.for Precast ferrocement Septic tank and Soak Pit (56900 Litre Capacity)	853500.00
5	L.S for Overhead Tank (5000 Litre Capacity - 2 Nos)	400000.00
6	L.S for Rain Water Harvesting Tank (13400Litre Capacity)	402000.00
7	L.S. for Borewell with pump	250000.00
8	DG and Street light Foundation (Detailed estimate attached)	39343.93
9	Electrical Works(Detailed estimate attached)	2467669.00
10	PHE Works - Type A - 2 blocks(Detailed Estimate attached)	1192560.00
11	PHE Works - Type B (Detailed Estimate attached)	262508.00
12	FPS Works(Detailed estimate attached)	911842.00
13	Interior Works (Detailed estimate attached)	1011407.00
14	Applicable GST @18% on Work Part	5082450.00
15	LS for Unforseen Items if any	681716.00
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	34000000.00
	Lumpsum for round off	0.00
		TOTAL Rs 34000000.00
		Rounded Total Rs 3,40,00,000
		Rupees Three Crore Forty Lakh Only

(Cost Index Applied for this estimate is 33.9%)

CONSTRUCTION OF CARE HOME AT KANNUR - CIVIL WORKS

General Abstract

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Heading Description	Amount
1	Type - A - Civil Woks(For 1 Housing Unit)	7915056.40
2	Type B - Civil Works	4278891.61
3	DG and Street Light Foundation	39343.93
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	12233292.00
	Lumpsum for round off	0.00
	0.00	TOTAL Rs 12233292.00
	1913/9	Rounded Total Rs 1,22,33,292
	Rupees One Crore Twenty Two Lakh Thirty Three Tho	usand Two Hundred and Ninety Two Only

(Cost Index Applied for this estimate is 33.9%)

Other Engineering Organisations
PRICE

CONSTRUCTION OF CARE HOME AT KANNUR - CIVIL WORKS

Abstract Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

2.28.1 Surface dressing of the ground including removing vegetation and in-equalities not exceeding deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.All kinds of soil Net Total Quantity 260.064 sqm Say 260.064 sqm Rs 7365.01 2.9.1 Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trend drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramn bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavate as directed, within a lead of 50 m.Ordinary rock Net Total Quantity 3.2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trend ground trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of side ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of sexcavated soil as directed, within a lead of 50 m.All kinds of soil Other Engineering Net Total Quantity Say 32.777 cum @ Rs 293.24 / cum Rs 9611.53 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity Say 15.466 cum @ Rs 6729.95 / cum Rs 104085.41 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm Rs 776.17	Surface deep services and services short on as directly as directl	1 Type - A - Civil Woks(For 1 Housing Unit)	
Say 260.064 sqm @ Rs 28.32 / sqm Rs 7365.01 2	Excave drains botton as direct state of the	face dressing of the ground including removing vegetation and	•
2 2.9.1 Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trence drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramm bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavate as directed, within a lead of 50 m.Ordinary rock Net Total Quantity Say 131.093 cum ® Rs 520.94 / cum Rs 68291.59 3 2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foun trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of side ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of sexcavated soil as directed, within a lead of 50 m.All kinds of soil Other Engineering Net Total Quantity Say 32.777 cum ® Rs 293.24 / cum Rs 9611.53 4 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity Say 15.466 cum ® Rs 6729.95 / cum Rs 104085.41 5 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Excave drains botton as direct state of the	Net Total Quantity	260.064 sqm
Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trencher drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramm bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated as directed, within a lead of 50 m.Ordinary rock Net Total Quantity 131.093 cum	Excave drains botton as direct state of the	Say 260.064 sqm @ Rs 28.32 / sqm	Rs 7365.01
Say 131.093 cum @ Rs 520.94 / cum Rs 68291.59 2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in found trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of side ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of sexcavated soil as directed, within a lead of 50 m.All kinds of soil Other Engineering Net Total Quantity (32.777 cum) Say 32.777 cum @ Rs 293.24 / cum (Rs 9611.53) 4 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity (15.466 cum) Say 15.466 cum @ Rs 6729.95 / cum (Rs 104085.41) 4 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns	Earth trench rammi excav 4 4.1.8 Provide shutte nomin 5 4.3.1 Cente footing	avation work by mechanical means (Hydraulic excavator) / manuns (not exceeding 1.5 m in width or 10 sqm on plan), including oms, lift up to 1.5 m, including getting out the excavated soil and	dressing of sides and ramming
2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foun trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of side ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of sexcavated soil as directed, within a lead of 50 m.All kinds of soil Other EngineeringNetTotal Quantityo 32.777 cum Say 32.777 cum ® Rs 293.24 / cum Rs 9611.53 4 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity 15.466 cum Say 15.466 cum ® Rs 6729.95 / cum Rs 104085.41 5 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Earth trench rammi excav 4 4.1.8 Provide shutte nomin 5 4.3.1 Cente footing	Net Total Quantity	131.093 cum
Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foun trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of side ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of sexcavated soil as directed, within a lead of 50 m.All kinds of soil Other Engineering Net Total Quantity 32.777 cum Say 32.777 cum @ Rs 293.24 / cum Rs 9611.53 4 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity 15.466 cum Say 15.466 cum @ Rs 6729.95 / cum Rs 104085.41 5 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Earth trench rammi excav 4 4.1.8 Provide shutte nomin 5 4.3.1 Cente footing	Say 131.093 cum @ Rs 520.94 / cum	Rs 68291.59
Say 32.777 cum @ Rs 293.24 / cum Rs 9611.53 4	Provide shutte nomin 4.3.1 Cente footing 6 60.7.1	ches or drains (not exceeding 1.5 m in width or 10 sqm on plan ming of bottoms, lift up to 1.5 m, including getting out the exce	n), including dressing of sides a
4 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity 15.466 cum Say 15.466 cum @ Rs 6729.95 / cum Rs 104085.41 5 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Provide shutte nomin 4.3.1 Cente footing 6 60.7.1	Other Engineering Net Total Quantity	32.777 cum
Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggreg nominal size) Net Total Quantity 15.466 cum Say 15.466 cum @ Rs 6729.95 / cum Rs 104085.41 5 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Provide shutte nomin 4.3.1 Cente footing 6 60.7.1	Say 32.777 cum @ Rs 293.24 / cum	Rs 9611.53
Say 15.466 cum @ Rs 6729.95 / cum 4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Cente footing	viding and laying in position cement concrete of specified grade of ttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sa	<u> </u>
4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Cente footing	Net Total Quantity	15.466 cum
Centering and shuttering including strutting, propping etc. and removal of form work for:Found footings, bases for columns Net Total Quantity 2.344 sqm	Cente footing	Say 15.466 cum @ Rs 6729.95 / cum	Rs 104085.41
		ntering and shuttering including strutting, propping etc. and rem	oval of form work for:Foundatio
Say 2 3/4 sam @ Re 331 13 / sam De 776 17		Net Total Quantity	2.344 sqm
Oay 2.077 34111 @ 113 001.107 34111 13 17 0.17		Say 2.344 sqm @ Rs 331.13 / sqm	Rs 776.17
6 60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling course masonry with good of blasted rubble including packing to compactness to lines and levels cost and conveyance of all manual labour charges etc. complete as per direction of Departmental officers at site	blaste	Y RUBBLE MASONRY _ Dry rubble without concrete levelling sted rubble including packing to compactness to lines and levels c	ost and conveyance of all materi
	I	Net Total Quantity	41.218 cum

	Say 41.218 cum @ Rs 3447.98 / cum	Rs 142118.84
7	7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	• • •
	Net Total Quantity	35.990 cum
	Say 35.990 cum @ Rs 7114.98 / cum	Rs 256068.13
8	5.1.2 Providing and laying in position specified grade of reinforced ceme centering, shuttering, finishing and reinforcement - All work up to plinth sand :3 graded stone aggregate 20 mm nominal size	_
	Net Total Quantity	5.304 cum
	Say 5.304 cum @ Rs 8971.90 / cum	Rs 47586.96
	Reinforced cement concrete work in beams, suspended floors, roofs balconies, shelves, chajjas, lintels, bands, plain window sills, staircas five level excluding the cost of centering, shuttering, finishing and rein 1.5 coarse sand (Zone III): 3 graded stone aggregate 20 mm nominal	es and spiral stair cases up to forcement, with1:1.5:3 (1 ceme
	Net Total Quantity	76.391 cum
	Say 76.391 cum @ Rs 11349.63 / cum	Rs 867009.59
10	5.9.5 Other Engineering Organisation	ons
	Centering and shuttering including strutting, etc. and removal of form girders bressumers and cantilevers	1
	girders bressumers and cantilevers Net Total Quantity	271.644 sqm
	girders bressumers and cantilevers Net Total Quantity Say 271.644 sqm @ Rs 641.72 / sqm	1
11	girders bressumers and cantilevers Net Total Quantity	271.644 sqm Rs 174319.39
11	girders bressumers and cantilevers Net Total Quantity Say 271.644 sqm @ Rs 641.72 / sqm 5.9.3 Centering and shuttering including strutting, etc. and removal of	271.644 sqm Rs 174319.39
11	girders bressumers and cantilevers Net Total Quantity Say 271.644 sqm @ Rs 641.72 / sqm 5.9.3 Centering and shuttering including strutting, etc. and removal of landings, balconies and access platform	271.644 sqm Rs 174319.39 form for:Suspended floors, ro
11	girders bressumers and cantilevers Net Total Quantity Say 271.644 sqm @ Rs 641.72 / sqm 5.9.3 Centering and shuttering including strutting, etc. and removal of landings, balconies and access platform Net Total Quantity	271.644 sqm Rs 174319.39 form for:Suspended floors, ro 480.623 sqm Rs 387194.70
	girders bressumers and cantilevers Net Total Quantity Say 271.644 sqm @ Rs 641.72 / sqm 5.9.3 Centering and shuttering including strutting, etc. and removal of landings, balconies and access platform Net Total Quantity Say 480.623 sqm @ Rs 805.61 / sqm 5.9.16.1 Centering and shuttering including strutting, etc. and removal of form	271.644 sqm Rs 174319.39 form for:Suspended floors, ro 480.623 sqm Rs 387194.70
	girders bressumers and cantilevers Net Total Quantity Say 271.644 sqm @ Rs 641.72 / sqm 5.9.3 Centering and shuttering including strutting, etc. and removal of landings, balconies and access platform Net Total Quantity Say 480.623 sqm @ Rs 805.61 / sqm 5.9.16.1 Centering and shuttering including strutting, etc. and removal of form floors and wallsUnder 20 cm wide	271.644 sqm Rs 174319.39 form for:Suspended floors, ro 480.623 sqm Rs 387194.70 m for:Edges of slabs and break

	Net Total Quantity	37.608 sqm
	Say 37.608 sqm @ Rs 723.39 / sqm	Rs 27205.25
14	5.9.19 Centering and shuttering including strutting, etc. and removal of form f etc., including edges	or:Weather shade, Chajjas, corb
	Net Total Quantity	47.768 sqm
	Say 47.768 sqm @ Rs 891.31 / sqm	Rs 42576.10
15	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting binding all complete upto plinth levelThermo - Mechanically Treate	• • • •
	Net Total Quantity	7094.033 kilogram
	Say 7094.033 kilogram @ Rs 97.08 / kilogram	Rs 688688.72
16	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, s exceeding 20 cm in depth, consolidating each deposited layer by ram and lift up to 1.5 m.	•
	Net Total Quantity	98.316 cum
	Say 98.316 cum @ Rs 255.35 / cum	Rs 25104.99
17	50.2.25.1	
	Filling with contractor's own earth (excluding rock) in trenches, plinth not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge	ramming and watering, lead up
	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge Net Total Quantity	ramming and watering, lead up
	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge	ramming and watering, lead up
18	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge Net Total Quantity	94.509 cum Rs 49074.74
18	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge Net Total Quantity Say 94.509 cum @ Rs 519.26 / cum 4.11 Providing and laying damp-proof course 50 mm thick with cement of	ramming and watering, lead up 94.509 cum Rs 49074.74
18	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge Net Total Quantity Say 94.509 cum @ Rs 519.26 / cum 4.11 Providing and laying damp-proof course 50 mm thick with cement of sand : 4 graded stone aggregate 20 mm nominal size).	94.509 cum Rs 49074.74 concrete 1:2:4(1 cement : 2 coa
18	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge Net Total Quantity Say 94.509 cum @ Rs 519.26 / cum 4.11 Providing and laying damp-proof course 50 mm thick with cement of sand : 4 graded stone aggregate 20 mm nominal size). Net Total Quantity	94.509 cum Rs 49074.74 concrete 1:2:4(1 cement : 2 coal 100.176 sqm Rs 48778.70
	not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge Net Total Quantity Say 94.509 cum @ Rs 519.26 / cum 4.11 Providing and laying damp-proof course 50 mm thick with cement of sand : 4 graded stone aggregate 20 mm nominal size). Net Total Quantity Say 100.176 sqm @ Rs 486.93 / sqm od166455/2022_2023 Modified 4.13 Applying a coat of Inertol Poxitar Coal tar epoxy coating course after cleaning the surface with brushes and finally with a piece.	94.509 cum Rs 49074.74 concrete 1:2:4(1 cement : 2 coal 100.176 sqm Rs 48778.70

20	od166456/2022_2023 OD Applying Antitermite treatment on flooring using emidoclocrid ch harm ful for human beings and pet animals which control the pests in etc complete br>	•
	Net Total Quantity	190.283 sqm
	Say 190.283 sqm @ Rs 127.77 / sqm	Rs 24312.46
21	50.6.7.1 Laterate masonry with neatly dressed laterate stone of size 40x20 mortar 1:6 for foundation and basement including all cost of mate	
	Net Total Quantity	1.350 cum
	Say 1.350 cum @ Rs 7159.07 / cum	Rs 9664.74
22	50.6.7.2 Laterate masonry with neatly dressed laterate stone of size 40x20 mortar 1:6 for super structure above plinth level up to floor two level in charges etc.	
	Net Total Quantity	138.764 cum
	Say 138.764 cum @ Rs 7896.99 / cum	Rs 1095817.92
23	50.6.7.3 Laterate masonry with neatly dressed laterate stone of size 40x20 mortar 1:6 for superstructure above floor two level upto floor five leabour charges etc. Other Engineering Organisation	evel including all cost of materials
	Net Total Quantity	7.231 cum
	Say 7.231 cum @ Rs 8877.61 / cum	Rs 64194.00
24	50.6.3.2 Solid block masonry using pre cast solid blocks (Factory made) of size size confirming to IS 2185 part I of 1979 for super structure up to floc CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding com	or two level for 10 cm thick wall in
	Net Total Quantity	6.496 cum
	Say 6.496 cum @ Rs 7769.76 / cum	Rs 50472.36
25	od166457/2022_2023 Modified 50.6.3.2 Solid block masonry using pre cast solid blocks (Factorial nearest available size confirming to IS 2185 part I of 1979 for super st 5 for 10 cm thick wall in : CM 1:6 (1 cement : 6 coarse sand) including	ructure from floor two level to Leve
	Net Total Quantity	8.777 cum
	Say 8.777 cum @ Rs 8750.38 / cum	Rs 76802.09
26	Say 8.777 cum @ Rs 8750.38 / cum 13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	Rs 76802.09

	Say 2068.654 sqm @ Rs 310.18 / sqm	Rs 641655.10
27	50.13.1 9 mm cement plastering of mix: 1:3 (1 cement: 3 fine sand) included the charges etc complete	uding all cost of materials, labor
	Net Total Quantity	543.086 sqm
	Say 543.086 sqm @ Rs 287.68 / sqm	Rs 156234.98
28	10.5.1 Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40 gusset plates at the junctions and corners, all necessary fittings com coat of approved steel primer. Using M.S. angels 40x40x6 mm for dia	plete, including applying a primi
	Net Total Quantity	2.520 sqm
	Say 2.520 sqm @ Rs 5147.32 / sqm	Rs 12971.25
	Providing and fixing angle iron frames for doors, windows and ventila size 35x35x5 mm, joints mitred and welded by angle iron35x35x5 mm	•
	existing T-iron frame or to the wall withdash fastener, including fix screws and applying apriming coat of approved steel primer, all complete in charge.	, ,
	screws and applying apriming coat of approved steel primer, all complete	, .
	screws and applying apriming coat of approved steel primer, all complete In charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg	lete as per the direction of Engine 23.100 kg Rs 2582.81
30	screws and applying apriming coat of approved steel primer, all complete in charge. Net Total Quantity	23.100 kg Rs 2582.81
30	screws and applying apriming coat of approved steel primer, all complete In charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door by	23.100 kg Rs 2582.81
30	Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door be complete:300x16 mm	23.100 kg Rs 2582.81 Polts with nuts and screws e
30	screws and applying apriming coat of approved steel primer, all complete line charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door be complete:300x16 mm Net Total Quantity	23.100 kg Rs 2582.81 Olds with nuts and screws endinger. 1.000 no Rs 213.10
	screws and applying apriming coat of approved steel primer, all complete in charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door be complete:300x16 mm Net Total Quantity Say 1.000 no @ Rs 213.10 / no 9.63.3 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (23.100 kg Rs 2582.81 Olds with nuts and screws e
	screws and applying apriming coat of approved steel primer, all complete in charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door be complete:300x16 mm Net Total Quantity Say 1.000 no @ Rs 213.10 / no 9.63.3 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (etc. complete:150x10 mm	23.100 kg Rs 2582.81 Polts with nuts and screws e 1.000 no Rs 213.10 Barrel type) with necessary screen
	screws and applying apriming coat of approved steel primer, all complete in charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door be complete:300x16 mm Net Total Quantity Say 1.000 no @ Rs 213.10 / no 9.63.3 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (etc. complete:150x10 mm Net Total Quantity	23.100 kg Rs 2582.81 Polts with nuts and screws endinger type) with necessary screen 1.000 no Rs 61.06
31	screws and applying apriming coat of approved steel primer, all complete in charge. Net Total Quantity Say 23.100 kg @ Rs 111.81 / kg 9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door be complete:300x16 mm Net Total Quantity Say 1.000 no @ Rs 213.10 / no 9.63.3 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (etc. complete:150x10 mm Net Total Quantity Say 1.000 no @ Rs 61.06 / no 9.63.1 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (etc. complete:150x10 mm)	23.100 kg Rs 2582.81 Polts with nuts and screws endinger type) with necessary screen 1.000 no Rs 61.06

Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by a cement slurry mixed with water proofing cement compound consisting of applying: a) First layer of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This I be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg /sqm mixed with proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours.	
with water curing for 48 hours. The rate includes preparation of surface, treatment and seali joints, corners, junctions of pipes and masonry with polymer mixed slurry.	layer wil ith watei followed
Net Total Quantity 50.964 sqm	
Say 50.964 sqm @ Rs 541.22 / sqm	
4.2.3 Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) is attached pilasters, columns, piers, abutments, pillars, posts, struts,buttresses, string or lacing parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc. up to flevel, excluding the cost of centering, shuttering and finishing:1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size)	courses
Net Total Quantity 1.118 cum	
Say 1.118 cum @ Rs 9943.95 / cum Rs 11117.34	
od166458/2022_2023 OD Supplying and filling with cinder under , ramming consolidating and dressing complete. includes to find the cost of materials, labour charges etc complete<	uding al
Other Engineering Net Total Quantity 11:677 cum	
Say 1.677 cum @ Rs 1967.17 / cum Rs 3298.94	
5.30 Add for plaster drip course / groove in plastered surface or moulding to R.C.C. projections.	
Net Total Quantity 51.500 metre	
Say 51.500 metre @ Rs 68.42 / metre Rs 3523.63	
od166459/2022_2023 OD Providing water cutting to bottom edge side of slab/sunshade by 25mm wide and 15mm cement mortar 1:3 including cost and conveyance of all materials, labour charges etc complete.	
Net Total Quantity 249.560 metre	
Say 249.560 metre @ Rs 107.23 / metre Rs 26760.32	
od166460/2022_2023 Modified 50.9.1.2 Providing wood work in frames of doors, windows, clerestory windows ar frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of require length (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda w	ed dia 8
Net Total Quantity 0.612 cum	
Say 0.612 cum @ Rs 170864.21 / cum Rs 104568.90	

39	od166461/2022_2023 Modified 50.9.3.2 Providing and fixing paneled or paneled and glaze clerestory windows, 30 mm thick shutters including ISI marked M.S. prequired size with necessary screws, excluding paneling which will be per direction of Engineer in-charge.using Pincoda wood. <br< th=""><th>ressed butt hinges bright finished o</th></br<>	ressed butt hinges bright finished o
	Net Total Quantity	18.630 sqm
	Say 18.630 sqm @ Rs 4194.52 / sqm	Rs 78143.91
40	od166462/2022_2023 Modified 50.9.4.2 Providing and fixing paneling or paneling and glazin shutters for doors, windows and clerestory windows (Area of opening grooves or rebates to be measured). Paneling for paneled or paneled mm thick using good quality Pincoda wood 	g for panel excluding portion insid
	Net Total Quantity	10.080 sqm
	Say 10.080 sqm @ Rs 3736.33 / sqm	Rs 37662.21
41	9.7.7.1 Providing and fixing panelling or panelling and glazing in panelled of doors, windows and clerestory windows (Area of opening for panelled or grooves or rebates to be measured), Panelling for panelled or panelled mm thick:Float glass panes4 mm thick glass pane	el inserts excluding portion insid
	Net Total Quantity	2.300 sqm
	Say 2.300 sqm @ Rs 2083.68 / sqm	Rs 4792.46
42	50.9.15.4 Providing and fixing iron hooks and eyes: 150 mm	
	Net Total Quantity	16.000 no
	Say 16.000 no @ Rs 16.46 / no	Rs 263.36
43	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mm	ype) with necessary screws e
	Net Total Quantity	8.000 no
_	Say 8.000 no @ Rs 269.27 / no	Rs 2154.16
44	9.74.4 Providing and fixing bright finished brass tower bolts (barrel tycomplete:100x10 mm	ype) with necessary screws e
	Net Total Quantity	8.000 no
	Say 8.000 no @ Rs 185.59 / no	Rs 1484.72
45	9.76 Providing and fixing bright finished brass 100 mm mortice latch and long handles of approved quality with necessary screws etc. complete.	ock with 6 levers and a pair of lev

	Net Total Quantity	8.000 no
	Say 8.000 no @ Rs 828.57 / no	Rs 6628.56
46	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to fragand wooden plugs and embeddings in cement concrete block 30x1 coarse sand: 6 graded stone aggregate 20 mm nominal size)	
	Net Total Quantity	48.000 each
	Say 48.000 each @ Rs 208.35 / each	Rs 10000.80
47	od166463/2022_2023 OD Melamine polishing on wood work (one or more coat) for new work	k
	Net Total Quantity	55.202 sqm
40	Say 55.202 sqm @ Rs 193.07 / sqm	Rs 10657.85
48	Say 55.202 sqm @ Rs 193.07 / sqm od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polis after preparing base rubbing and cleaning emery paper, filling holes a and melamine ceiler two coats including all cost and labour charges expressions.	shing on wood work with two coatand finishing the surface with ceile
48	od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polish after preparing base rubbing and cleaning emery paper, filling holes a	shing on wood work with two coatand finishing the surface with ceile
48	od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polish after preparing base rubbing and cleaning emery paper, filling holes a and melamine ceiler two coats including all cost and labour charges experience.	shing on wood work with two coat and finishing the surface with ceile etc. complete
49	od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polish after preparing base rubbing and cleaning emery paper, filling holes a and melamine ceiler two coats including all cost and labour charges on the coats including all cost and labour charges on the coats including all cost and labour charges on the coats including all cost and labour charges on the coats including all cost and labour charges on the coats including all cost and labour charges on the coats including all cost and labour charges of the coats including all cost and labour charges on the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats including all cost and labour charges of the coats	shing on wood work with two coal and finishing the surface with ceil etc. complete 55.202 sqm Rs 16891.81 mm. with a wall thickness of 5 mm and joined with 2 Nos. of 150 mm profiles to be reinforced with 19x1 eal to be provided through out the
	od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polish after preparing base rubbing and cleaning emery paper, filling holes a and melamine ceiler two coats including all cost and labour charges and melamine ceiler two coats including all cost and labour charges and Net Total Quantity Say 55.202 sqm @ Rs 306.00 / sqm 9.119 Providing and fixing factory made P.V.C. door frame of size 50x47 made out of extruded 5 mm rigid PVC foam sheet, mitred at corners long brackets of 15x15 mm M.S. square tube, the vertical door frame mm M.S. square tube of 19 gauge, EPDM rubber gasket weather sframe. The door fame to be fixed to the wall using M.S. screws of	shing on wood work with two coa and finishing the surface with ceile etc. complete 55.202 sqm Rs 16891.81 mm with a wall thickness of 5 mm and joined with 2 Nos. of 150 m profiles to be reinforced with 19x1 eal to be provided through out the

50 9.120.1

Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of whicj 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick plain PVC door shutters

Net Total Quantity	11.762 sqm
 Say 11.762 sqm @ Rs 2816.99 / sqm	Rs 33133.44

51 5.47.1

Providing and fixing in position factory made precast RCC M-40 doors and win frames having excellent smooth finish as per IS:6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm CC nad 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 no specially designed M.S galvanised sleeves for accomodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for receiving sliding door bolts and tower bolt etc all complete, as per the direction of Engineer in charge. (The cost of hold fast and cc block of 1:3:6 mix is also included in the item.) The frame shall be measured in running meter correct to two places of decimal.Door frame 125 mm x 60 mm.

Say 433.602 metre @ Rs 757.00 / metre Rs 328236.71	Net Total Qua	antity 433.602 metre
	Say 433.602 metre @ Rs 757.00 / m	etre Rs 328236.71

52 21.1.1.3

Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminnium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately):For fixed portionPolyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)

	Net Total Quantity	3.591 kg
S	ay 3.591 kg @ Rs 540.22 / kg	Rs 1939.93

53	od166465/2022_2023	
	Modified 21.2.2 Providing and fixing 4 mm thick ACP sheet conforming panelling fixed in aluminum doors, windows shutters and partition fram	
	screws etc. complete as per architectural drawings and directions of E	
	Net Total Quantity	1.891 sqm
	Say 1.891 sqm @ Rs 2074.25 / sqm	Rs 3922.41
54	21.1.2.3 For shutters of doors, windows & ventilators including providing and provision for fixing of fittings wherever required including the cost of required (Fittings shall be paid for separately)Polyester powder coated polyester powder coating 50 micorn)	of EPDM rubber/ neoprene gask
	Net Total Quantity	343.776 kg
	Say 343.776 kg @ Rs 645.13 / kg	Rs 221780.21
	Providing and fixing glazing in aluminium door, window, ventilator shu rubber / neoprene gasket etc. complete as per the architectural drawir in -Charge. (Cost of aluminium snap beading shall be paid in basic mm thickness	ngs and the directions of Enginee
	Net Total Quantity	70.180 sqm
	0 70 400 @ D- 4404 00 /	
	Say 70.180 sqm @ Rs 1161.98 / sqm	Rs 81547.76
56	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or shad complete:125 mm	ns coating not less than grade AC ade, with necessary screws e
56	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or sha	ns coating not less than grade AC
56	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or shad complete:125 mm	ns coating not less than grade AC ade, with necessary screws e
56	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or shad complete:125 mm Net Total Quantity	ns coating not less than grade AC ade, with necessary screws 6 81.000 no Rs 5612.49
	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or shad complete:125 mm Net Total Quantity Say 81.000 no @ Rs 69.29 / no 9.48.1 Providing and fixing M.S. Grills of required pattern in frames of wind round bars etc. including priming coat with approved steel primer all of	ns coating not less than grade AC ade, with necessary screws a 81.000 no Rs 5612.49
	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or shad complete:125 mm Net Total Quantity Say 81.000 no @ Rs 69.29 / no 9.48.1 Providing and fixing M.S. Grills of required pattern in frames of wind round bars etc. including priming coat with approved steel primer all of welding	coating not less than grade AC ade, with necessary screws of 81.000 no Rs 5612.49 ows etc. with M.S. flats, square complete. Fixed to steel windows
	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodic as per IS: 1868) transparent or dyed to required colour or shad complete:125 mm Net Total Quantity Say 81.000 no @ Rs 69.29 / no 9.48.1 Providing and fixing M.S. Grills of required pattern in frames of wind round bars etc. including priming coat with approved steel primer all of welding Net Total Quantity	coating not less than grade AC ade, with necessary screws of 81.000 no Rs 5612.49 ows etc. with M.S. flats, square complete. Fixed to steel windows 1547.600 kg Rs 297371.34 be specified by the manufacture of approved make, in all colours a sand), including grouting the join
57	9.100.1 Other Engineering Organisation Providing and fixing aluminium handles, ISI marked, anodised (anodice as per IS: 1868) transparent or dyed to required colour or share complete: 125 mm Net Total Quantity Say 81.000 no @ Rs 69.29 / no 9.48.1 Providing and fixing M.S. Grills of required pattern in frames of winder round bars etc. including priming coat with approved steel primer all of welding Net Total Quantity Say 1547.600 kg @ Rs 192.15 / kg 11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to with water absorption less than 0.08% and conforming to IS: 15622, of shades, laid on 20 mm thick cement mortar 1:4(1 cement: 4 coarse	coating not less than grade AC ade, with necessary screws of 81.000 no Rs 5612.49 ows etc. with M.S. flats, square complete. Fixed to steel windows 1547.600 kg Rs 297371.34 be specified by the manufacture of approved make, in all colours a sand), including grouting the join

59	11.46.2 Providing and laying Vitrified tiles indifferent sizes (thickness to be speabsorption less than 0.08 % and conforming to I.S. 15622, of approving skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 grouting the joint with white cement & matching pigments etc. complete.)	ed make, in all colours & shade, cement : 3 coarse sand), including
	Net Total Quantity	17.327 sqm
	Say 17.327 sqm @ Rs 1796.94 / sqm	Rs 31135.58
60	Providing and laying tactile tile (for vision impaired persons as per shaving with water absorption less than 0.5% and conforming to IS: 156 and shades in for outdoor floors such as footpath, court yard, multing thick base of cement mortar 1:4 (1 cement: 4 coarse sand) in all shap joints with white cement mixed with matching pigments etc. complet Charge.	622 of approved make in all coloumodals location etc., laid on 20m es & patterns including grouting t
	Net Total Quantity	13.662 sqm
	Say 13.662 sqm @ Rs 2247.85 / sqm	Rs 30710.13
61	Providing and laying Ceramic glazed floor tiles of size 300x300 mm manufacturer), of 1st quality conforming to IS: 15622, of approved ma Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 C pointing the joints with white cement and matching pigment etc., con	ake, in colours such as White, Ivo
	Other Engineering Net Total Quantity	1305.020 sqm
	Say 305.020 sqm @ Rs 1077.43 / sqm	Rs 328637.70
62	Providing and fixing 1st quality ceramic glazed wall tiles conforming to by the manufacturer), of approved make, in all colours, shades exce any size as approved by Engineerin-Charge, in skirting, risers of steps of cementmortar 1:3 (1 cement : 3 coarse sand) and jointing with gr including pointing in white cement mixed with pigment of matchings.	pt burgundy, bottle green, black s and dados, over 12 mm thick b ey cement slurry @3.3kg per so
	Net Total Quantity	147.216 sqm
	Say 147.216 sqm @ Rs 1197.67 / sqm	Rs 176316.19
63	od166466/2022_2023 Providing PVC Tile beading in the edges and corners of tile work charges etc complete.	including cost conveyance labo
	Net Total Quantity	67.200 metre
	Say 67.200 metre @ Rs 58.03 / metre	Rs 3899.62
64	10.26.1 Providing and fixing hand rail of approved size by welding etc. to s staircase railing and similar works, including applying priming coat of the staircase railing and similar works.	•

	Net Total Quantity	349.657 kg	
	Say 349.657 kg @ Rs 169.32 / kg	Rs 59203.92	
65	10.26.3		
	Providing and fixing hand rail of approved size by welding etc. to s	steel ladder railing, balcony railin	
	staircase railing and similar works, including applying priming coat	of approves steel primer.G.l. pipe	
	Net Total Quantity	203.967 kg	
	Say 203.967 kg @ Rs 183.71 / kg	Rs 37470.78	
66	13.43.1		
	Applying one coat of water thinnable cement primer of approved	d brand and manufacture on w	
	surface:Water thinnable cement primer		
	Net Total Quantity	2638.562 sqm	
	Say 2638.562 sqm @ Rs 69.76 / sqm	Rs 184066.09	
67	13.60.1		
	Wall painting with acrylic emulsion paint of approved brand and manu	ufacture to give an even shade:Tv	
	or more coats on new work		
	Net Total Quantity	2638.562 sqm	
	Say 2638.562 sqm @ Rs 149.50 / sqm	Rs 394465.02	
68	13 62 1		
00	13.62.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give a		
	even shade:Two or more coats on new work over an under coat of s	•	
	approved brand and manufacture .	ultable shade with ordinary paint	
	Net Total Quantity	118.016 sgm	
	Say 118.016 sqm @ Rs 205.94 / sqm	Rs 24304.22	
	2 Type B - Civil Works		
1	2.28.1		
	Surface dressing of the ground including removing vegetation and	in-equalities not exceeding 15	
	deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.	All kinds of soil	
	Net Total Quantity		
		153.255 sqm	
2	Say 153.255 sqm @ Rs 28.32 / sqm	153.255 sqm Rs 4340.18	
_	·	·	
	2.9.1	Rs 4340.18	
	·	Rs 4340.18 al means in foundation trenches	
	2.9.1 Excavation work by mechanical means (Hydraulic excavator) / manu	Rs 4340.18 al means in foundation trenches dressing of sides and ramming	
	2.9.1 Excavation work by mechanical means (Hydraulic excavator) / manudrains (not exceeding 1.5 m in width or 10 sqm on plan), including	Rs 4340.18 al means in foundation trenches dressing of sides and ramming	
	2.9.1 Excavation work by mechanical means (Hydraulic excavator) / manudrains (not exceeding 1.5 m in width or 10 sqm on plan), including bottoms, lift up to 1.5 m, including getting out the excavated soil and	Rs 4340.18 al means in foundation trenches dressing of sides and ramming	
	2.9.1 Excavation work by mechanical means (Hydraulic excavator) / manudrains (not exceeding 1.5 m in width or 10 sqm on plan), including bottoms, lift up to 1.5 m, including getting out the excavated soil and as directed, within a lead of 50 m.Ordinary rock	Rs 4340.18 al means in foundation trenches dressing of sides and ramming disposal of surplus excavated so	

	2.8.1		
3	Earth work in excavation by mechanical means (Hydraulic excava	tor) /manual means in foundation	
	trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan	,	
	ramming of bottoms, lift up to 1.5 m, including getting out the exca	, .	
	excavated soil as directed, within a lead of 50 m.All kinds of soil		
	Net Total Quantity	13.744 cum	
	Say 13.744 cum @ Rs 293.24 / cum	Rs 4030.29	
4	4.1.8		
	Providing and laying in position cement concrete of specified grade e	excluding the cost of centering a	
	shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sa	and: 8 graded stone aggregate	
	nominal size)		
	Net Total Quantity	15.359 cum	
	Say 15.359 cum @ Rs 6729.95 / cum	Rs 103365.30	
5	4.3.1		
	Centering and shuttering including strutting, propping etc. and removal of form work for:Foundation		
	footings, bases for columns		
	Net Total Quantity	2.473 sqm	
6	Say 2.473 sqm @ Rs 331.13 / sqm	Rs 818.88	
6	Say 2.473 sqm @ Rs 331.13 / sqm 60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels collabour charges etc. complete as per direction of Departmental officers	course masonry with good qua	
6	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of	course masonry with good qua ost and conveyance of all materi s at site	
6	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels collabour charges etc. complete as per direction of Departmental officers	course masonry with good qua ost and conveyance of all materi s at site	
7	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels collabour charges etc. complete as per direction of Departmental officers. Net Total Quantity	course masonry with good qua ost and conveyance of all materi at site	
	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels collabour charges etc. complete as per direction of Departmental officers Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum	course masonry with good qua ost and conveyance of all materi s at site 18.533 cum Rs 63901.41	
	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels compactness etc. complete as per direction of Departmental officers Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1	course masonry with good quants and conveyance of all materies at site 18.533 cum Rs 63901.41	
	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels collabour charges etc. complete as per direction of Departmental officers Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth in	course masonry with good quants and conveyance of all materies at site 18.533 cum Rs 63901.41	
	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of labour charges etc. complete as per direction of Departmental officers Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregations)	course masonry with good quants and conveyance of all materies at site 18.533 cum Rs 63901.41	
	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of labour charges etc. complete as per direction of Departmental officers. Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	course masonry with good qual post and conveyance of all materics at site 18.533 cum Rs 63901.41 Including levelling up with cemete 20 mm nominal size) up to plice	
7	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of labour charges etc. complete as per direction of Departmental officers. Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand) Net Total Quantity Say 14.852 cum @ Rs 7114.98 / cum	course masonry with good qual ost and conveyance of all materics at site 18.533 cum Rs 63901.41 Including levelling up with cemete 20 mm nominal size) up to pli 14.852 cum	
	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of labour charges etc. complete as per direction of Departmental officers. Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand) Net Total Quantity	course masonry with good quants and conveyance of all materies at site 18.533 cum Rs 63901.41 Including levelling up with cemete 20 mm nominal size) up to plice 14.852 cum Rs 105671.68	
7	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of labour charges etc. complete as per direction of Departmental officers. Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand) Net Total Quantity Say 14.852 cum @ Rs 7114.98 / cum 5.1.2	course masonry with good qual post and conveyance of all materics at site 18.533 cum Rs 63901.41 Including levelling up with cemete 20 mm nominal size) up to pli 14.852 cum Rs 105671.68	
7	60.7.1 DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels of labour charges etc. complete as per direction of Departmental officers. Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand) Net Total Quantity Say 14.852 cum @ Rs 7114.98 / cum 5.1.2 Providing and laying in position specified grade of reinforced cements.	course masonry with good qual pat and conveyance of all materia at site 18.533 cum Rs 63901.41 Including levelling up with ceme te 20 mm nominal size) up to plice 14.852 cum Rs 105671.68	
7	DRY RUBBLE MASONRY _ Dry rubble without concrete levelling blasted rubble including packing to compactness to lines and levels or labour charges etc. complete as per direction of Departmental officers Net Total Quantity Say 18.533 cum @ Rs 3447.98 / cum 7.1.1 Random rubble masonry with hard stone in foundation and plinth is concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate level with:Cement mortar 1:6 (1 cement : 6 coarse sand) Net Total Quantity Say 14.852 cum @ Rs 7114.98 / cum 5.1.2 Providing and laying in position specified grade of reinforced cemes centering, shuttering, finishing and reinforcement - All work up to plinth	course masonry with good qual post and conveyance of all materics at site 18.533 cum Rs 63901.41 Including levelling up with ceme te 20 mm nominal size) up to plin 14.852 cum Rs 105671.68	

•	5.0	
9	5.3 Reinforced cement concrete work in beams, suspended floors, roofs balconies, shelves, chajjas, lintels, bands, plain window sills, staircas five level excluding the cost of centering, shuttering, finishing and rein 1.5 coarse sand (Zone III): 3 graded stone aggregate 20 mm nominal	es and spiral stair cases up to floon forcement, with1:1.5:3 (1 cement
	Net Total Quantity	43.269 cum
	Say 43.269 cum @ Rs 11349.63 / cum	Rs 491087.14
10	5.9.5 Centering and shuttering including strutting, etc. and removal of fore girders bressumers and cantilevers	m for:Lintels, beams, plinth beam
	Net Total Quantity	149.624 sqm
	Say 149.624 sqm @ Rs 641.72 / sqm	Rs 96016.71
11	5.9.3 Centering and shuttering including strutting, etc. and removal of landings, balconies and access platform	form for:Suspended floors, roo
	Net Total Quantity	247.521 sqm
	Say 247.521 sqm @ Rs 805.61 / sqm	Rs 199405.39
12	5.9.16.1 Centering and shuttering including strutting, etc. and removal of form floors and wallsUnder 20 cm wide Other Engineering Net Total Quantity	-
	Say 164.620 metre @ Rs 201.39 / metre	Rs 33152.82
13	5.9.7 Centering and shuttering including strutting, etc. and removal of for except spiral - staircases)	m for:Stairs, (excluding landing
	Net Total Quantity	37.608 sqm
	Say 37.608 sqm @ Rs 723.39 / sqm	Rs 27205.25
14	5.9.19 Centering and shuttering including strutting, etc. and removal of form f etc., including edges	or:Weather shade, Chajjas, corbe
	Net Total Quantity	33.474 sqm
	Say 33.474 sqm @ Rs 891.31 / sqm	Rs 29835.71
15	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting binding all complete upto plinth levelThermo - Mechanically Treate	• • • •
	Net Total Quantity	4033.132 kilogram
	Say 4033.132 kilogram @ Rs 97.08 / kilogram	Rs 391536.45

	Laterate masonry with neatly dressed laterate stone of size 40x20	
22	Say 0.812 cum @ Rs 7159.07 / cum 50.6.7.2	Rs 5813.16
	Net Total Quantity	0.812 cum
21	50.6.7.1 Laterate masonry with neatly dressed laterate stone of size 40x20 mortar 1:6 for foundation and basement including all cost of mate	
	Say 107.755 sqm @ Rs 127.77 / sqm	Rs 13767.86
	Net Total Quantity	107.755 sqm
20	od166456/2022_2023 OD Applying Antitermite treatment on flooring using emidoclocrid ch harm ful for human beings and pet animals which control the pests in etc complete br>	•
	Say 39.120 sqm @ Rs 281.38 / sqm	Rs 11007.59
	Net Total Quantity	39.120 sqm
19	od166455/2022_2023 Modified 4.13 Applying a coat of Inertol Poxitar Coal tar epoxy coating course after cleaning the surface with brushes and finally with a piece oil. oil. Other Engineering Organisation	of cloth lightly soaked in keros
	Say 39.120 sqm @ Rs 486.93 / sqm	Rs 19048.70
	Net Total Quantity	39.120 sqm
18	4.11 Providing and laying damp-proof course 50 mm thick with cement c sand : 4 graded stone aggregate 20 mm nominal size).	oncrete 1:2:4(1 cement : 2 coa
	Say 50.326 cum @ Rs 519.26 / cum	Rs 26132.28
	Net Total Quantity	50.326 cum
17	50.2.25.1 Filling with contractor's own earth (excluding rock) in trenches, plinth not exceeding 20 cm in depth, consolidating each deposited layer by 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge	•
	Say 41.076 cum @ Rs 255.35 / cum	Rs 10488.76
	and lift up to 1.5 m. Net Total Quantity	41.076 cum
	Filling available excavated earth (excluding rock) in trenches, plinth, s exceeding 20 cm in depth, consolidating each deposited layer by rame	•

	Net Total Quantity	66.634 cum
	Say 66.634 cum @ Rs 7896.99 / cum	Rs 526208.03
23	50.6.7.3 Laterate masonry with neatly dressed laterate stone of size 40x20x15 cm or nearest size in commortar 1:6 for superstructure above floor two level upto floor five level including all cost of malabour charges etc.	
	Net Total Quantity	7.203 cum
	Say 7.203 cum @ Rs 8877.61 / cum	Rs 63945.42
24	50.6.3.2 Solid block masonry using pre cast solid blocks (Factory made) of s size confirming to IS 2185 part I of 1979 for super structure up to f CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding co	oor two level for 10 cm thick wall in
	Net Total Quantity	1.529 cum
	Say 1.529 cum @ Rs 7769.76 / cum	Rs 11879.96
25	od166457/2022_2023 Modified 50.6.3.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10 cn nearest available size confirming to IS 2185 part I of 1979 for super structure from floor two level to Le 5 for 10 cm thick wall in: CM 1:6 (1 cement: 6 coarse sand) including cost of scaffolding complete by the content of the coarse sand including cost of scaffolding complete complete content of the coarse sand including cost of scaffolding complete content of the coarse sand including cost of scaffolding complete content of the coarse sand including cost of scaffolding complete content of the coarse sand including cost of scaffolding complete coarse sand including cost of scaffolding cost of	
	Net Total Quantity	5.445 cum
	Say 5,445 cum @ Rs 8750.38 / cum	Rs 47645.82
26	Say 5,445 cum @ Rs 8750.38 / cum Other Engineering Organisati 13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	Rs 47645.82
26	Other Engineering Organisati	Rs 47645.82
26	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	Rs 47645.82
	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand) Net Total Quantity	Rs 47645.82 Ons / 1058.290 sqm Rs 328260.39
	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand) Net Total Quantity Say 1058.290 sqm @ Rs 310.18 / sqm 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) in	Rs 47645.82 Ons 1058.290 sqm Rs 328260.39 cluding all cost of materials, labour
26	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand) Net Total Quantity Say 1058.290 sqm @ Rs 310.18 / sqm 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) in charges etc complete	Rs 47645.82 1058.290 sqm Rs 328260.39 cluding all cost of materials, labout
	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand) Net Total Quantity Say 1058.290 sqm @ Rs 310.18 / sqm 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) in charges etc complete Net Total Quantity	Rs 47645.82 1058.290 sqm Rs 328260.39 cluding all cost of materials, labor 311.010 sqm Rs 89471.36 of WCs, bathroom etc., by applying of applying: a) First layer of slur ound @ 0.253 kg/sqm. This layer wint @ 0.242 kg /sqm mixed with water owed to air cure for 4 hours follower surface, treatment and sealing of a

	Say 19.518 sqm @ Rs 541.22 / sqm	Rs 10563.53
29	4.2.3 Providing and laying cement concrete in retaining walls, return wall attached pilasters, columns, piers, abutments, pillars, posts, struts,b parapets, coping, bed blocks, anchor blocks, plain window sills, fillets level, excluding the cost of centering, shuttering and finishing:1:2:4 (1 stone aggregate 20 mm nominal size)	uttresses, string or lacing courses, sunken floor, etc. up to floor five
	Net Total Quantity	0.544 cum
	Say 0.544 cum @ Rs 9943.95 / cum	Rs 5409.51
30	od166458/2022_2023 OD Supplying and filling with cinder under , ramming consolidating at cost of materials, labour charges etc complete br>	nd dressing complete. including a
	Net Total Quantity	0.816 cum
	Say 0.816 cum @ Rs 1967.17 / cum	Rs 1605.21
31	5.30 Add for plaster drip course / groove in plastered surface or moulding to	R.C.C. projections.
	Net Total Quantity	34.270 metre
	Say 34.270 metre @ Rs 68.42 / metre	Rs 2344.75
32	od166459/2022_2023 OD Providing water cutting to bottom edge side of slab/sunshade to cement mortar 1:3 including cost and conveyance of all materials,	
	Net Total Quantity	165.360 metre
	Say 165.360 metre @ Rs 107.23 / metre	Rs 17731.55
33	od166460/2022_2023 Modified 50.9.1.2 Providing wood work in frames of doors, window frames, wrought framed and fixed in position with hold fast lugs or will length (hold fast lugs or dash fastener shall be paid for separately) using the statement of the statem	th dash fasteners of required dia 8
	Net Total Quantity	0.384 cum
	Say 0.384 cum @ Rs 170864.21 / cum	Rs 65611.86
34	Say 0.384 cum @ Rs 170864.21 / cum od166461/2022_2023 Modified 50.9.3.2 Providing and fixing paneled or paneled and glaze clerestory windows, 30 mm thick shutters including ISI marked M.S. pr required size with necessary screws, excluding paneling which will be per direction of Engineer in-charge.using Pincoda wood. by	d shutters for doors, windows an
34	od166461/2022_2023 Modified 50.9.3.2 Providing and fixing paneled or paneled and glaze clerestory windows, 30 mm thick shutters including ISI marked M.S. pr required size with necessary screws, excluding paneling which will be	d shutters for doors, windows an

35	od166462/2022_2023 Modified 50.9.4.2 Providing and fixing paneling or paneling and glazin shutters for doors, windows and clerestory windows (Area of opening grooves or rebates to be measured). Paneling for paneled or paneled mm thick using good quality Pincoda wood <br< th=""><th>g for panel excluding portion inside</th></br<>	g for panel excluding portion inside
	Net Total Quantity	6.301 sqm
	Say 6.301 sqm @ Rs 3736.33 / sqm	Rs 23542.62
36	9.7.7.1 Providing and fixing panelling or panelling and glazing in panelled of doors, windows and clerestory windows (Area of opening for panelled grooves or rebates to be measured), Panelling for panelled or panelled mm thick:Float glass panes4 mm thick glass pane	el inserts excluding portion insid
	Net Total Quantity	1.725 sqm
	Say 1.725 sqm @ Rs 2083.68 / sqm	Rs 3594.35
37	50.9.15.4	
01	Providing and fixing iron hooks and eyes: 150 mm	
	Net Total Quantity	10.000 no
		A s
38	Say 10.000 no @ Rs 16.46 / no	Rs 164.60
38	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation) Net Total Quantity	ype) with necessary screws et
38	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation)	ype) with necessary screws et 5.000 no Rs 1346.35
	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation Net Total Quantity Say 5.000 no @ Rs 269.27 / no 9.74.4 Providing and fixing bright finished brass tower bolts (barrel ty	ype) with necessary screws et 5.000 no Rs 1346.35
	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation Net Total Quantity Say 5.000 no @ Rs 269.27 / no 9.74.4 Providing and fixing bright finished brass tower bolts (barrel tycomplete:100x10 mm	ype) with necessary screws et 5.000 no Rs 1346.35
	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation Net Total Quantity Say 5.000 no @ Rs 269.27 / no 9.74.4 Providing and fixing bright finished brass tower bolts (barrel tycomplete:100x10 mm Net Total Quantity	ype) with necessary screws et 5.000 no Rs 1346.35 ype) with necessary screws et 5.000 no Rs 927.95
39	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation) Net Total Quantity Say 5.000 no @ Rs 269.27 / no 9.74.4 Providing and fixing bright finished brass tower bolts (barrel tycomplete:100x10 mm Net Total Quantity Say 5.000 no @ Rs 185.59 / no 9.76 Providing and fixing bright finished brass 100 mm mortice latch and longer the same of the sa	ype) with necessary screws et 5.000 no Rs 1346.35 ype) with necessary screws et 5.000 no Rs 927.95
39	9.74.3 Providing and fixing bright finished brass tower bolts (barrel tycomplete:150x10 mmther Engineering Organisation Net Total Quantity Say 5.000 no @ Rs 269.27 / no 9.74.4 Providing and fixing bright finished brass tower bolts (barrel tycomplete:100x10 mm Net Total Quantity Say 5.000 no @ Rs 185.59 / no 9.76 Providing and fixing bright finished brass 100 mm mortice latch and long handles of approved quality with necessary screws etc. complete.	spe) with necessary screws et 5.000 no Rs 1346.35 ype) with necessary screws et 5.000 no Rs 927.95 ock with 6 levers and a pair of levers
39	9.74.3 Providing and fixing bright finished brass tower bolts (barrel ty complete:150x10 mmther Engineering Organisation Net Total Quantity Say 5.000 no @ Rs 269.27 / no 9.74.4 Providing and fixing bright finished brass tower bolts (barrel ty complete:100x10 mm Net Total Quantity Say 5.000 no @ Rs 185.59 / no 9.76 Providing and fixing bright finished brass 100 mm mortice latch and lot handles of approved quality with necessary screws etc. complete. Net Total Quantity	5.000 no Rs 1346.35 ype) with necessary screws effectively screws effectively screws effectively screws and a pair of levers and a pa

	Say 30.000 each @ Rs 208.35 / each	Rs 6250.50	
42	od166463/2022_2023		
	OD Melamine polishing on wood work (one or more coat) for new wor	k	
	Net Total Quantity	33.062 sqm	
	Say 33.062 sqm @ Rs 193.07 / sqm	Rs 6383.28	
43	od166464/2022 2023		
40	OD Preparation of wood surface For melamine polish:Melamine polish	shing on wood work with two co	
	after preparing base rubbing and cleaning emery paper, filling holes	and finishing the surface with ce	
	and melamine ceiler two coats including all cost and labour charges	etc. complete	
	Net Total Quantity	33.062 sqm	
	Say 33.062 sqm @ Rs 306.00 / sqm	Rs 10116.97	
44	9.119		
	Providing and fixing factory made P.V.C. door frame of size 50x47	mm with a wall thickness of 5 m	
	made out of extruded 5 mm rigid PVC foam sheet, mitred at corners	and joined with 2 Nos. of 150 r	
	long brackets of 15x15 mm M.S. square tube, the vertical door frame	profiles to be reinforced with 19x	
	mm M.S. square tube of 19 gauge, EPDM rubber gasket weather s	eal to be provided through out	
	frame. The door fame to be fixed to the wall using M.S. screws of	65/100 mm size, complete as	
	manufacturer's specification and direction of Engineer-in Charge.	Fig. 2007	
	Net Total Quantity	11.600 metre	
	Say 11.600 metre @ Rs 455.26 / metre	Rs 5281.02	
45	9.120.1 Other Engineering Organisation	ons	
	Providing and fixing factory made panel PVC door shutter consisting		
	19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x	15 mm for top & bottom rails. M	
	frame shall have a coat of steel primers of approved make and manu	ifacture. M.S. frame covered wit	
	mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of whicj 50 mm sha		
	be flat and 20 mm shall be tapered in 45 degree angle on both side fo	• ,	
	wide PVC sheet out of which75 mm shall be tapered in 45 degree on the 5 degree of the shall be tapered in 45 degree on the	·	
	rail and 115 mm wide PVC sheet out of which 75 mm shall be flat ar	·	
	sides to form lock rail. Top, bottom and lock rails shall be provided mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert	·	
	5 mm thick both side PVC sheet to be fitted in the M.S. frame welded	, , ,	
	mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on in	· · · · · · · · · · · · · · · · · · ·	
	solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mr	· · · · · · · · · · · · · · · · · · ·	
	side of the 'C' Channel using PVC solvent adhesive etc. complete as		
	manufacture's specification & drawing.30 mm thick plain PVC door sh	uttoro	
	mandiacture's specification & drawing.50 min trick plain F ve door sit	ullers	
	Net Total Quantity	3.361 sqm	
46	Net Total Quantity	3.361 sqm	
46	Net Total Quantity Say 3.361 sqm @ Rs 2816.99 / sqm	3.361 sqm Rs 9467.90	
46	Net Total Quantity Say 3.361 sqm @ Rs 2816.99 / sqm 10.5.1	3.361 sqm Rs 9467.90 0x6 mm angle iron and 3 mm M	

		2.520 sqm
	Say 2.520 sqm @ Rs 5147.32 / sqm	Rs 12971.25
47	Providing and fixing angle iron frames for doors, windows and ventila size 35x35x5 mm, joints mitred and welded by angle iron35x35x5 m existing T-iron frame or to the wall withdash fastener, including fix screws and applying apriming coat of approved steel primer, all complete the charge.	mm or 35x 5 mm flat pieces to the cing of necessary butt hinges are
	Net Total Quantity	23.100 kg
	Say 23.100 kg @ Rs 111.81 / kg	Rs 2582.81
48	9.62.1 Providing and fixing ISI marked oxidised M.S. sliding door becomplete:300x16 mm	polts with nuts and screws e
	Net Total Quantity	1.000 no
	Say 1.000 no @ Rs 213.10 / no	Rs 213.10
49	9.63.3 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (etc. complete:150x10 mm	Barrel type) with necessary scre
	Net Total Quantity	1.000 no
	Say 1.000 no @ Rs 61.06 / no	Rs 61.06
50	9.63.1 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (etc. complete:250x10 mm Net Total Quantity	Barrel type) with necessary scre
	Say 1.000 no @ Rs 86.16 / no	Rs 86.16
51	5.47.1 Providing and fixing in position factory made precast RCC M-40 door smooth finish as per IS:6523 with reinforcement of 3 Nos, 6 mm of stirrups placed @ 200 mm CC nad 6 numbers high strength polymer hinges including providing 6 no specially designed M.S galvanised slightly threaded bolts for fixing hold fast on vertical members, providing sliding door bolts and tower bolt etc all complete, as per the direction hold fast and cc block of 1:3:6 mix is also included in the item.) The fixmeter correct to two places of decimal. Door frame 125 mm x 60 mm.	rs and win frames having excelled in main bars tied with 3 mm Mer blocks of required size for fixing leeves for accommodating 6 mm of suitable arrangement for receiving 6 Engineer in charge. (The cost rame shall be measured in running street in charge.)
	Net Total Quantity	203.600 metre
	Say 203.600 metre @ Rs 757.00 / metre	Rs 154125.20

Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded to standard tubular sections/ appropriate Z sections and other sections of approved make conforming 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gask Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically who required including cleat angle, Aluminnium snap beading for glazing /paneling, C.P. brass/ stainless screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Gapaneling and dash fasteners to be paid for separately):For fixed portionPolyester powder aluminium (minimum thickness of polyester powder coating 50 micron)	
Net Total Quantity	3.591 kg
Say 3.591 kg @ Rs 540.22 / kg	Rs 1939.93
od166465/2022_2023 Modified 21.2.2 Providing and fixing 4 mm thick ACP sheet conform panelling fixed in aluminum doors, windows shutters and partition fra screws etc. complete as per architectural drawings and directions of	mes with C.P. brass / stainless steel
Net Total Quantity	1.891 sqm
Say 1.891 sqm @ Rs 2074.25 / sqm	Rs 3922.41
54 21.1.2.3 For shutters of doors, windows & ventilators including providing ar provision for fixing of fittings wherever required including the cost required (Fittings shall be paid for separately)Polyester powder coat polyester powder coating 50 micorn)	of EPDM rubber/ neoprene gasket ed aluminium (minimum thickness of
Net Total Quantity	200.256 kg
Say 200.256 kg @ Rs 645.13 / kg 21.3.1 Providing and fixing glazing in aluminium door, window, ventilator shrubber / neoprene gasket etc. complete as per the architectural draw in -Charge. (Cost of aluminium snap beading shall be paid in basic mm thickness	ings and the directions of Engineer -
Net Total Quantity	41.180 sqm
	41.100 34111
Say 41.180 sqm @ Rs 1161.98 / sqm	Rs 47850.34
Say 41.180 sqm @ Rs 1161.98 / sqm 9.100.1 Providing and fixing aluminium handles, ISI marked, anodised (anod as per IS: 1868) transparent or dyed to required colour or si complete:125 mm	Rs 47850.34 c coating not less than grade AC 10
9.100.1 Providing and fixing aluminium handles, ISI marked, anodised (anod as per IS : 1868) transparent or dyed to required colour or significant series.	Rs 47850.34 c coating not less than grade AC 10

	Say 177.443 sqm @ Rs 1077.43 / sqm	Rs 191182.41
	Net Total Quantity	177.443 sqm
61	Providing and laying Ceramic glazed floor tiles of size 300x300 mm manufacturer), of 1st quality conforming to IS: 15622, of approved ma Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 0 pointing the joints with white cement and matching pigment etc., core	ake, in colours such as White, Ivory Cement : 4 Coarse sand), including
	Say 6.480 sqm @ Rs 2247.85 / sqm	Rs 14566.07
	Net Total Quantity	6.480 sqm
	and shades in for outdoor floors such as footpath, court yard, multi thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shap joints with white cement mixed with matching pigments etc. comple Charge.	es & patterns including grouting the
60	MAG WAY	
	Say 12.563 sqm @ Rs 1796.94 / sqm	Rs 22574.96
	grouting the joint with white cement & matching pigments etc. comple Net Total Quantity	ete.Size of Tile 600x600 mm
59	Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with values absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shad skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), included	
	Say 40.465 sqm @ Rs 1744.25 / sqm	Rs 70581.08
	Net Total Quantity	40.465 sqm
58	11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to with water absorption less than 0.08% and conforming to IS: 15622, of shades, laid on 20 mm thick cement mortar 1:4(1 cement: 4 coarse with white cement and matching pigments etc., complete. Size of Tiles.	of approved make, in all colours and sand), including grouting the joints
	Say 895.600 kg @ Rs 192.15 / kg	Rs 172089.54
	Net Total Quantity	895.600 kg
57	9.48.1 Providing and fixing M.S. Grills of required pattern in frames of wind round bars etc. including priming coat with approved steel primer all owelding	

62	8.31 Providing and fixing Ist quality ceramic glazed wall tiles conforming to by the manufacturer), of approved make, in all colours, shades exce any size as approved by Engineerin-Charge, in skirting, risers of steps of cementmortar 1:3 (1 cement : 3 coarse sand) and jointing with gr including pointing in white cement mixed with pigment of matchings.	pt burgundy, bottle green, black of s and dados, over 12 mm thick bed ey cement slurry @3.3kg per sqm
	Net Total Quantity	55.030 sqm
	Say 55.030 sqm @ Rs 1197.67 / sqm	Rs 65907.78
63	od166466/2022_2023 Providing PVC Tile beading in the edges and corners of tile work charges etc complete.	including cost conveyance labou
	Net Total Quantity	25.200 metre
	Say 25.200 metre @ Rs 58.03 / metre	Rs 1462.36
64	10.26.1 Providing and fixing hand rail of approved size by welding etc. to s staircase railing and similar works, including applying priming coat of	
	Net Total Quantity	340.489 kg
	Say 340.489 kg @ Rs 169.32 / kg	Rs 57651.60
65	10.26.3 Providing and fixing hand rail of approved size by welding etc. to s staircase railing and similar works, including applying priming coat of Net Total Quantity	
	Say 198.591 kg @ Rs 183.71 / kg	Rs 36483.15
66	13.43.1 Applying one coat of water thinnable cement primer of approved surface:Water thinnable cement primer	
	Net Total Quantity	1369.510 sqm
	Say 1369.510 sqm @ Rs 69.76 / sqm	Rs 95537.02
67	13.60.1 Wall painting with acrylic emulsion paint of approved brand and manuor more coats on new work	ufacture to give an even shade:Tw
	Net Total Quantity	1369.510 sqm
	Say 1369.510 sqm @ Rs 149.50 / sqm	Rs 204741.75
68	13.62.1 Painting with synthetic enamel paint of approved brand and manufa even shade:Two or more coats on new work over an under coat of supproved brand and manufacture.	· · · · · · · · · · · · · · · · · · ·
	Net Total Quantity	84.499 sqm
	Hot Fotal Quantity	

	Say 84.499 sqm @ Rs 205.94 / sqm	Rs 17401.72	
	3 DG and Street Light Foundation		
1	2.28.1 Surface dressing of the ground including removing vegetation and deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.	•	
	Net Total Quantity	6.900 sqm	
	Say 6.900 sqm @ Rs 28.32 / sqm	Rs 195.41	
2	2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundat trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides a ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surpexcavated soil as directed, within a lead of 50 m.All kinds of soil		
	Net Total Quantity	3.098 cum	
	Say 3.098 cum @ Rs 293.24 / cum	Rs 908.46	
3	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate nominal size)		
	Net Total Quantity	0.536 cum	
	Say 0.536 cum @ Rs 6729.95 / cum	Rs 3607.25	
4	4.3.1 Centering and shuttering including strutting, propping etc. and remfootings, bases for columns	oval of form work for:Foundation	
	Net Total Quantity	0.600 sqm	
	Say 0.600 sqm @ Rs 331.13 / sqm	Rs 198.68	
5	5 5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the concentering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 consand:3 graded stone aggregate 20 mm nominal size		
	Net Total Quantity	0.612 cum	
	Say 0.612 cum @ Rs 8971.90 / cum	Rs 5490.80	
6	5.9.1 Centering and shuttering including strutting, etc. and removal of form columns, etc for mass concrete	for:Foundations, footings, bases o	
	Net Total Quantity	0.664 sqm	
	Say 0.664 sqm @ Rs 331.13 / sqm	Rs 219.87	
	·		

7	5.9.6	
	Centering and shuttering including strutting, etc. and removal of Abutments, Posts and Struts	form for:Columns, Pillars, Piers
	Net Total Quantity	3.521 sqm
	Say 3.521 sqm @ Rs 852.88 / sqm	Rs 3002.99
8	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting binding all complete upto plinth levelThermo - Mechanically Treate	• • • •
	Net Total Quantity	93.801 kilogram
	Say 93.801 kilogram @ Rs 97.08 / kilogram	Rs 9106.20
9	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, s exceeding 20 cm in depth, consolidating each deposited layer by ramand lift up to 1.5 m.	•
	Net Total Quantity	8.923 cum
	Say 8.923 cum @ Rs 255.35 / cum	Rs 2278.49
10	10 50.6.7.1 Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cermortar 1:6 for foundation and basement including all cost of materials, labour charges etc.	
	Net Total Quantity Other Engineering Organisation	0.643 cum
11	Say 0.643 cum @ Rs 7159.07 / cum 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) incl charges etc complete	Rs 4603.28 uding all cost of materials, labor
	Net Total Quantity	6.849 sgm
	Say 6.849 sqm @ Rs 287.68 / sqm	Rs 1970.32
12	13.43.1 Applying one coat of water thinnable cement primer of approved surface:Water thinnable cement primer	
	Net Total Quantity	6.849 sqm
	Say 6.849 sqm @ Rs 69.76 / sqm	Rs 477.79
13	13.60.1 Wall painting with acrylic emulsion paint of approved brand and manuor more coats on new work	ufacture to give an even shade:Tw
	Net Total Quantity	6.849 sqm

14	10.16.1 Steel work in built up tubular (round, square or rectangular hollow	tubes etc.) trusses etc., includir
	cutting, hoisting, fixing position and applying a priming coat of approand bolted with special shaped washers etc. complete. Hot finished washers	·
	Net Total Quantity	27.006 kg
	Say 27.006 kg @ Rs 166.71 / kg	Rs 4502.17
15	od166454/2022_2023 Derived 12.50 by Engineer-in-charge) 0.35 mm (+0.5%), total coated thickness Th 55% aluminum, 43.5% zinc and 1.5% silicon by weight, applied by th good corrosion resistance and heat reflectivity including all cost of con specified and as directed by the Engineer-in-Charge. The sheet sh tapping screws and excluding the cost of purlins, rafters and trusses shape wherever required. by Engineer-in-Charge and trusses shape wherever required. shape wherever required.	e alloy coating nominally contain ne hot-dipping process and having veyance and labour charges etcan all be fixed using self drilling/se
	Net Total Quantity	2.008 sqm Rs 1475.78
16	Say 2.008 sqm @ Rs 734.95 / sqm 13.61.1 Painting with synthetic enamel paint of approved brand and manufactmore coats on new work	
	Net Total Quantity	2.000 sqm
	Say 2.000 sqm @ Rs 141.26 / sqm	Rs 282.52
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	12233292.00
	Lumpsum for round off	0.00
		TOTAL Rs 12233292.
		Rounded Total Rs 1,22,33,29
	Rupees One Crore Twenty Two Lakh Thirty Three Thousand	Two Hundred and Ninety Two Or

(Cost Index Applied for this estimate is 33.9%)

CONSTRUCTION OF CARE HOME AT KANNUR - CIVIL WORKS

Detailed Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Description	No	L	В	D	CF	Quantity	Remark			
		1 Type - A	- Civil Wok	s(For 1 Ho	using Unit)						
1	2.28.1 Surface dressing of the deep and disposal of r	_	_			•		ding 15 d			
			(Ground Floo	r		,				
		1	18.060	14.400			260.064				
					Tota	al Quantity	260.064 s	qm			
	Total Deducted Quantity 0.000 sqm Net Total Quantity 260.064 sqm										
		1	Say	y 260.064 so	qm @ Rs 28	3.32 / sqm	Rs 73	365.01			
	bottoms, lift up to 1.5 m as directed, within a lea	ad of 50 m.		:k	los,		surplus exca	avated so			
	DR Foundation; Section A-A (Outer	Groun	65.970	considered	for ordinar	y rock)	48.027				
	walls)										
	Section B-B	1	83.320	1.300	0.700	0.8	60.657				
	Section C-C	1	17.670	1.250	0.700	0.8	12.369				
	Section D-D	1	1.170	1.300	0.550	0.8	0.670				
	Section E-E	4	1.500	1.250	0.700	0.8	4.200				
		1	2.530	1.250	0.700	0.8	1.771				
	Ramp	2	1.590	0.800	0.700	0.8	1.425				
		1	2.530	0.800	0.700	0.8	1.134				
	Steps	4	1.500	0.700	0.250	0.8	0.840				
					Tota	al Quantity	131.093 c	um			
				Тс	otal Deducte	d Quantity	0.000 cum	1			
	Net Total Quantity 131.093 cum										
							1				
			Say	131.093 cur	m @ Rs 520).94 / cum	Rs 68	291.59			

	Earth work in excavati trenches or drains (not ramming of bottoms, li excavated soil as directions)	t exceeding	g 1.5 m in w 5 m, includin	idth or 10 s	sqm on plan ut the excav), including	dressing o	f sides a		
		Grou	nd Floor(20%	6 considere	d for ordinary	y soil)				
	20% ordinary soil- Section A-A (Outer walls)	1	65.970	1.300	0.700	0.2	12.007			
	Section B-B	1	83.320	1.300	0.700	0.2	15.165			
	Section C-C	1	17.670	1.250	0.700	0.2	3.093			
	Section D-D	1	1.170	1.300	0.550	0.2	0.168			
	Section E-E	4	1.500	1.250	0.700	0.2	1.050			
		1	2.530	1.250	0.700	0.2	0.443			
	Ramp	2	1.590	0.800	0.700	0.2	0.357			
		1	2.530	0.800	0.700	0.2	0.284			
	Steps	4	1.500	0.700	0.250	0.2	0.210			
		16/45	Ka	F875	Tota	I Quantity	32.777 cu	m		
				To	otal Deducted	d Quantity	0.000 cum			
		thor Er	oinoori	na Ora	Net Tota	I Quantity	32.777 cu	32.777 cum		
	Other Engineering Organisations Say 32.777 cum @ Rs 293.24 / cum Rs 9611.53									
4	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering a shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate nominal size)									
			(Ground Floo	or I					
	Ramp	2	1.590	0.800	0.100		0.255			
		1	2.530	0.800	0.100		0.203			
	Steps	4	1.500	0.700	0.100		0.420			
	Flooring; House 1- Living	1	3.200	3.270	0.075		0.785			
	W/area	1	1.320	1.490	0.075		0.148			
	Kitchen	1	3.540	1.580	0.075		0.420			
	D. J.D 4	1	2.690	3.000	0.075		0.606			
	Bed Room 1									
	Bed Room 1 Bed Room 2	1	2.570	3.000	0.075		0.579			

			1					
	Toilet	1	1.380	1.970	0.075		0.204	
	House 2; Living	1	3.200	3.270	0.075		0.785	
	W/area	1	1.320	1.490	0.075		0.148	
	Kitchen	1	3.540	1.580	0.075		0.420	
	Bed Room 1	1	2.690	3.000	0.075		0.606	
	Bed Room 2	1	2.570	3.000	0.075		0.579	
	Bed area front	1	1.380	1.130	0.075		0.117	
	Toilet	1	1.380	1.970	0.075		0.204	
	House 3; Living	1	3.200	3.270	0.075		0.785	
	W/area	1	1.320	1.490	0.075		0.148	
	Kitchen	1	3.540	1.580	0.075		0.420	
	Bed Room 1	1	2.580	3.000	0.075		0.581	
	Bed Room 2	1 4	2.530	3.000	0.075		0.570	
	Bed area front	1	1.670	1.130	0.075		0.142	
	Toilet	(1)	1.530	1.970	0.075	S	0.227	
	House 4; Living	1	3.200	3.270	0.075		0.785	
	W/area	1	1.320	1.490	0.075		0.148	
	Kitchen	ther En	gi3.54011	ng.580g	ano.07510	ns	0.420	
	Bed Room 1	1	2.690	3.000	0.075	7	0.606	
	Bed Room 2	1	2.570	3.000	0.075	1	0.579	
	Bed area front	1	1.380	1.130	0.075		0.117	
	Toilet	1	1.380	1.970	0.075		0.204	
	Stair bottom area cum passage	1	10.130	2.530	0.075		1.923	
	Ramp	1	4.800	2.530	0.100		1.215	
					Tota	al Quantity	15.466 cu	ım
				To	otal Deducte	d Quantity	0.000 cun	n
					Net Tota	al Quantity	15.466 cu	ım
			Say	15.466 cum	@ Rs 6729	9.95 / cum	Rs 10	4085.41
5	4.3.1 Centering and shutteri footings, bases for col	_	g strutting,	propping et	c. and remo	oval of form	work for:F	oundation
			(Ground Floo	or			
	Ramp	4	1.590		0.100		0.637	

page 3

		2	2.530		0.100		0.506	
	Steps	8	1.500		0.100		1.201	
					Total (Quantity	2.344 sqm	1
				To	otal Deducted (Quantity	0.000 sqm	1
					Net Total (Quantity	2.344 sqm	1
			Sa	ay 2.344 sq	m @ Rs 331.1	3 / sqm	Rs 7	76.17
6	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. con	packing t	o compactne	ss to lines a	and levels cost	and con		•
			(Ground Floo	or			
	DR Foundation; Section A-A (Outer walls)	1	65.970	0.500	0.450		14.844	
	Section B-B	1	83.320	0.500	0.450		18.747	
	Section C-C	1	17.670	0.450	0.450		3.579	
	Section D-D	1	1.170	0.500	0.450		0.264	
	Section E-E	4	1.500	0.450	0.450		1.215	
	0	ther Fi	2.530	0.450	0.450 anisation	9	0.513	
	Ramp	2	1.590	0.600	0.600		1.145	
		1	2.530	0.600	0.600	,	0.911	
					Total (Quantity	41.218 cur	m
				To	otal Deducted (Quantity	0.000 cum	1
					Net Total (Quantity	41.218 cur	m
			Say	41.218 cum	n @ Rs 3447.9	8 / cum	Rs 142	118.84
7	7.1.1 Random rubble masor concrete 1:6:12 (1 ceme level with:Cement mortal	ent : 6 coa	rse sand : 12	graded sto	•	-	• .	
				Ground Floo	or			
	RR Foundation; Section A-A (Outer walls)	1	65.970	0.450	0.450		13.359	
	Section B-B	1	83.320	0.450	0.450		16.873	
	Section C-C	1	17.670	0.450	0.450		3.579	
	Section D-D	1	1.170	0.450	0.300		0.158	

	Section E-E	4	1.500	0.450	0.450		1.215	
		1	2.530	0.450	0.450		0.513	
	Ramp	2	1.590	0.400	0.230		0.293	
					Tota	al Quantity	35.990 cu	m
				To	tal Deducte	d Quantity	0.000 cun	า
					Net Tota	al Quantity	35.990 cu	m
			Say	35.990 cum	ı @ Rs 7114	.98 / cum	Rs 256	6068.13
8	5.1.2 Providing and laying in centering, shuttering, fir sand :3 graded stone ag	nishing and	l reinforceme	ent - All worl			_	
				Ground Floo	or			
	RCC Belt; Section A-A (Outer walls)	1	65.970	0.200	0.150		1.980	
	Section B-B	1	83.320	0.200	0.150		2.500	
	Section C-C	/1	17.670	0.200	0.150	L	0.531	
	Section D-D		1.170	0.200	0.150		0.036	
	Section E-E	4	1.500	0.200	0.150		0.181	
	0	ther Ei	g i2.530 ri	n 0.200 g	an 0.150 io	ns	0.076	
					Tota	al Quantity	5.304 cum	า
			K	To	otal Deducte	d Quantity	0.000 cum	า
					Net Tota	al Quantity	5.304 cun	า
			Say	y 5.304 cum	ı @ Rs 8971	.90 / cum	Rs 47	586.96
9	5.3 Reinforced cement conbalconies, shelves, chafive level excluding the 1.5 coarse sand (Zone	jjas, lintels cost of ce	, bands, plai ntering, shut	n window si tering, finish	ills, staircase ning and reir	es and spiranforcement,	al stair cases	s up to f
			(Ground Floo	or			
	Beam- Horizontal; B 200x200	1	2.430	0.200	0.100		0.049	
		3	2.280	0.200	0.100		0.137	
		2	2.530	0.200	0.100		0.102	
		2	1.100	0.200	0.100		0.045	
	Beam- Vertical; B	4	3.000	0.200	0.250		0.601	

B 200x200	4	1.150	0.200	0.100	0.092	
	6	1.100	0.200	0.100	0.133	
	2	3.180	0.200	0.100	0.128	
	2	0.450	0.200	0.100	0.019	
Slab; 100 mm thick Slab	1	225.290		0.100	22.529	Area
Sunken slab	3	1.380	1.970	0.050	0.408	
	1	1.530	1.970	0.050	0.151	
Kitchen slab	4	3.610	0.600	0.100	0.867	
Stair Deduction	-1	9.650		0.100	-0.965	Area
Stair; Stair steps - tread	17	1.250	0.300	0.150	0.957	
Stair steps - riser	21	1.250	0.150	0.150	0.591	
	2	0.780	SA /I	0.150	0.234	Area
Landing slab	1	1.250	1.250	0.150	0.235	
Landing Beam 200x300	1	2.500	0.200	0.150	0.075	
Lintel 200x150; Section A-A (Outer walls)	thet En	g65.970ri	ng ^{0.200} g	an@stagions	1.980	
Section B-B	D 1	83.320	0.200	0.150	2.500	
Lintel 100x150; Inside 10cm thick walls (Sec CC)	1	17.670	0.100	0.150	0.266	
Sunshade; Back	1	15.300	0.600	0.100	0.918	
Sides	2	2.230	0.600	0.100	0.268	
	2	2.230	0.600	0.100	0.268	
Front	2	4.950	0.600	0.100	0.595	
	F	IRST FLOOR	R - BEAMS	AND LINTELS		
BEAMS - Horizontal - B 200x200	1	2.430	0.200	0.080	0.039	
	3	2.280	0.200	0.080	0.110	
	3	2.530	0.200	0.080	0.122	
	4	1.100	0.200	0.080	0.071	
	2	0.450	0.200	0.080	0.015	

Vertical- B 200x350	4	3.000	0.200	0.230	0.553	
	4	1.150	0.200	0.080	0.074	
	4	1.100	0.200	0.080	0.071	
	2	3.180	0.200	0.080	0.102	
	2	0.450	0.200	0.080	0.015	
LINTELS - Lintel 200x150 - Section A-A (Outer walls)	1	65.970	0.200	0.150	1.980	
Section B-B	1	83.320	0.200	0.150	2.500	
Lintel 100x150- Inside 10cm thick walls (Sec CC)	1	17.670	0.100	0.150	0.266	
		FIRS	T FLOOR -	SLAB		
120 mm thick Slab	1	225.290	E W	0.120	27.035	Area
Kitchen slab	4	3.610	0.600	0.100	0.867	
	155	DEDUCTION	N - FIRST F	OOR - SLAB		
Stair	1	2.530	4.580	0.120	-1.390	
		FIRST	FLOOR - S	STAIR		
Stair steps - tread	the FEr	g i1.250 j	0.300 g	an@45@ions	0.957	
Stair steps - riser	21	1.250	0.150	0.150	0.591	
	2	0.780		0.150	0.234	Area
Landing slab	1	1.250	1.250	0.150	0.235	
Landing Beam 200x300	1	2.500	0.200	0.150	0.075	
		FIRST FL	OOR -SUN	SHADES		
Back	1	15.300	0.600	0.100	0.918	
Sides	2	2.230	0.600	0.100	0.268	
	2	2.230	0.600	0.100	0.268	
Front	2	4.950	0.600	0.100	0.595	
		TERRA	CE FLOOR	- SLAB		
Roof Slab	1	4.160	7.410	0.200	6.166	
Т	ERRACE F	LOOR - LIN	TELS &	;amp;amp;amp; B	EAMS	
Lintel(200x150)	2	5.540	0.200	0.150	0.333	

	Beam B 200x200	1	2.530	0.200	0.080		0.041			
		2	0.650	0.200	0.080		0.021			
					Tota	al Quantity	77.781 cu	m		
				To	otal Deducte	d Quantity	-1.390 cui	n		
					Net Tota	al Quantity	76.391 cu	m		
			Say 7	76.391 cum	@ Rs 11349	9.63 / cum	Rs 867	7009.59		
10	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth bear girders bressumers and cantilevers									
				Ground Floo	or			1		
	RCC Belt; Section A-A (Outer walls)	1	65.970	A	0.300		19.791			
	Section B-B	1	83.320	B E	0.300		24.996			
	Section C-C	1	17.670	35 1	0.300		5.301			
	Section D-D	1	1.170		0.300		0.351			
	Section E-E	4	1.500		0.300	2	1.800			
		1	2.530		0.300		0.759			
	Beam; B 200x200	1	2.430	a sula	0.400		0.973			
	0	theg Er	gi <u>2.28</u> 611	ng Org	an <mark>o.406</mark> 10	ns	2.736			
		2	2.530		0.400	7	2.024			
		4	1.100		0.400		1.761			
	Vertical; B 200x350	4	3.000		0.700		8.400			
	B 200x200	4	1.150		0.400		1.840			
		6	1.100		0.400		2.641			
		2	3.180		0.400		2.545			
		2	0.450		0.400		0.361			
	Landing Beam 200x300	1	2.500		0.500		1.250			
	Lintel 200x150; Section A-A (Outer walls)	1	65.970		0.500		32.985			
	Section B-B	1	83.320		0.500		41.660			
	Lintel 100x150; Inside 10cm thick walls (Sec CC)	1	17.670		0.400		7.069			

		F	IRST FLOO	R - BEAMS	AND LINTE	LS				
	BEAMS - Horizontal - B 200x200	1	2.430		0.360		0.875			
		3	2.280		0.360		2.463			
		3	2.530		0.360		2.733			
		4	1.100		0.360		1.584			
		2	0.450		0.360		0.324			
	Vertical- B 200x350	4	3.000		0.660		7.920			
		4	1.150		0.360		1.656			
		4	1.100		0.360		1.584			
		2	3.180	163	0.360		2.290			
		2	0.450		0.360		0.324			
	Landing Beam 200x300	1	2.500	SX	0.300		0.750			
	LINTELS- Lintel 200x150- Section A-A (Outer walls)	1	65.970		0.500	L	32.985			
	Section B-B	1	83.320	IN DE PET	0.500		41.660			
	Lintel 100x150- Inside 10cm thick walls (Sec CC)		gineeri 17.670 E FLOOR - I	ng Orga	0.400	7	7.069			
	Lintel(200x150)	2	5.540		0.500	p, ==:c	5.540			
		1	2.530		0.500		1.265			
	Beam B 200x200	1	2.530		0.360		0.911			
		2	0.650		0.360		0.468			
				1		al Quantity	271.644 s	gm		
				To	tal Deducte	<u>-</u>	0.000 sqm	•		
						al Quantity	271.644 s			
			Say	271.644 sqr		<u> </u>		1319.39		
11	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, root landings, balconies and access platform									
			T	Ground Floo	r	Г	T			
	100mm thick slab	1	225.290				225.290	area		

	Landing slab	1	1.250	1.250			1.563	
	Kitchen slab	4	3.610	0.600			8.664	
			G	F - Deducti	on			
	Stair	1	9.650			-9.650 225.290 1.563 8.664 - SLAB	Area	
			FIRS	T FLOOR -	SLAB		,	
	120 mm thick Slab	1	225.290				225.290	Area
	Landing slab	1	1.250	1.250			1.563	
	Kitchen slab	4	3.610	0.600			8.664	
			DEDUCTION	- FIRST FI	OOR - SLA	ΛB		
	Stair	1	2.530	4.580			-11.587	
			TERRA	CE FLOOR	- SLAB			
	Roof Slab	1	4.160	7.410	1		30.826	
		6	N. A	S. N	Tot	al Quantity	501.860 s	qm
		16	180	To	otal Deducte	ed Quantity	-21.237 sc	ĮΜ
		1/2	Wal		Net Tot	al Quantity	480.623 s	qm
12	5.9.16.1 Centering and shutte	ring includin	ig strutting, e	a sua	m @ Rs 80	5.61 / sqm	Rs 387	194.70
12	Centering and shutter	ring includin r 20 cm wid	g strutting, e	a sua	m @ Rs 80	5.61 / sqm	Rs 387	'194.70
12	Centering and shutter	ring includin r 20 cm wid	g strutting, e	tc and ren	m @ Rs 80	5.61 / sqm	Rs 387	194.70
12	Centering and shutte floors and wallsUnde	r 20 cm wid	ng strutting, e	tc and ren	m @ Rs 80	5.61 / sqm	Rs 387	194.70
12	Centering and shutte floors and wallsUnde	1	g strutting, e e 79.090	tc and ren	m @ Rs 80	5.61 / sqm	Rs 387	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair	1 1	79.090 14.190	tc and ren	m @ Rs 80	5.61 / sqm	79.090 14.190	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge	1 1 2	79.090 14.190 1.250 4.210	tc and ren	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge	1 1 2	79.090 14.190 1.250 4.210	Sround Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500	194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab	1 1 2 4	79.090 14.190 1.250 4.210	Sround Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500 16.840	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab slab egdes	1 1 2 4	79.090 14.190 1.250 4.210 F	Sround Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500 16.840	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab slab egdes Stair	1 1 2 4 1 1 1	79.090 14.190 1.250 4.210 F 79.090 14.220	Sround Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500 16.840 79.090 14.220	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab slab egdes Stair Landing slab edge	1 1 2 4 1 1 2 2	79.090 14.190 1.250 4.210 F 79.090 14.220 1.250 4.210	Sround Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500 16.840 79.090 14.220 2.500	'194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab slab egdes Stair Landing slab edge	1 1 2 4 1 1 2 2	79.090 14.190 1.250 4.210 F 79.090 14.220 1.250 4.210	Ground Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500 16.840 79.090 14.220 2.500	194.70
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab slab egdes Stair Landing slab edge Kitchen slab Kitchen slab	1 1 2 4 1 2 4	79.090 14.190 1.250 4.210 F 79.090 14.220 1.250 4.210	Ground Floo	m @ Rs 80	5.61 / sqm	79.090 14.190 2.500 16.840 79.090 14.220 2.500 16.840	d break
12	Centering and shutter floors and wallsUnder slab edges Stair Landing slab edge Kitchen slab slab egdes Stair Landing slab edge Kitchen slab Kitchen slab	1 1 2 4 1 2 4	79.090 14.190 1.250 4.210 F 79.090 14.220 1.250 4.210	Ground Floo	m @ Rs 80	n for:Edges	79.090 14.190 2.500 16.840 79.090 14.220 2.500 16.840	d break

					Net Tota	al Quantity	248.410 m	netre		
			Say 248	8.410 metre	@ Rs 201.3	39 / metre	Rs 50	027.29		
13	5.9.7 Centering and shuttering except spiral - staircase	-	ng strutting, (etc. and rei	moval of for	m for:Stairs	s, (excluding	ı landinç		
			(Ground Floo	or					
	Stair; Stair steps bottom	38	1.250	0.150			7.125			
		17	1.250	0.300			6.375			
	Step sides	2	0.780				1.560	area		
		42	0.450	6	0.150		2.835			
		2	3.030	1/93	0.150		0.909			
	FIRST FLOOR									
	Stair - Stair steps bottom	38	1.250	0.150	W		7.125			
		17	1.250	0.300	J ID	L	6.375			
	Step sides	2	0.780				1.560	Area		
		42	0.450	000	0.150		2.835			
	Ot	ns	0.909							
		37.608 sq	37.608 sqm							
			K	To	otal Deducte	d Quantity	0.000 sqm	1		
	Net Total Quantity 37.608 sqm									
	Say 37.608 sqm @ Rs 723.39 / sqm Rs 27205.25									
14	5.9.19 Centering and shuttering etc., including edges	g including	g strutting, etc	c. and remo	val of form f	or:Weather	shade, Chaj	jas, cort		
			(Ground Floo	or	Г	T			
	Sunshade; Back	1	15.300		0.70		10.710			
	Sides	2	2.230		0.70		3.122			
		2	2.230		0.70		3.122			
	Front	2	4.950		0.70		6.930			
			F	IRST FLOC	PR					
	Sunshade	1	15.300		0.700		10.710			
		_	0.000		0.700		2 422			
		2	2.230		0.700		3.122			

			0	ound Floo							
16	2.25 Filling available exceeding 20 cm in and lift up to 1.5 m.	depth, consoli	• ,		•			•			
		5	Say 7094.033 k	ilogram	@ Rs 97.08	/ kilogram	Rs 688	3688.72			
					Net Tota	al Quantity	7094.033	kilogram			
				To	otal Deducte	d Quantity	0.000 kilo	gram			
					Tota	al Quantity	7094.033	kilogram			
	For Beam	1	0.06128			185.0	11.337				
	Lintel	1	0.4083			100.0	40.830				
	Slab	1	6.1651			100.0	616.510				
			TERR	ACE FLO	OOR	1	T	T			
	For sunshade	1 1	2.0472			60.0	122.833				
	For Lintel	1	4.74375		1	100.0	474.376				
	For Stair	Other Er	1.959	g Urg	anisatic	ns 120.0	235.080				
	For Slab	1 1	26.510712	(H)		75.0	1988.304				
	For Beam	1	1.16672		2/	185.0	215.844				
	FIRST FLOOR										
	For Sunshade	2.047		100	1 B	60.0	122.821				
	For Lintel	4.744	4/1/25	3/1	() h	100.0	474.400				
	For Stair	2.034	3 68	18	7	120.0	244.080				
	For Slab	22.989	1/10/10	72-		75.0	1724.175				
	For Beam	1.2998	10.5	A.		185.0	240.464				
	For RCC belt	5.2998		Jana 1 100		110.0	582.979				
	billiaing all complet	re ahro hiiutu i		ound Floo	-	u Dais Oi g	iaue re-500	ט טר וווי			
15	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or n										
			Say 4	7.768 sq	m @ Rs 891	.31 / sqm	Rs 42	576.10			
					Net Tota	al Quantity	47.768 sq	m			
				To	otal Deducte	d Quantity	0.000 sqm	1			
					Tota	al Quantity	47.768 sq	m			
		2	4.950		0.700		6.930				

	Excavated quantity	1	163.860			0.6	98.316	
					Tota	al Quantity	98.316 cu	m
				To	otal Deducte	d Quantity	0.000 cun	า
					Net Tota	al Quantity	98.316 cu	m
			Say	/ 98.316 cu	m @ Rs 255	5.35 / cum	Rs 25	104.99
17	50.2.25.1 Filling with contractor's not exceeding 20 cm ir 50 m and lift up to 1.5	n depth, co	nsolidating e	ach deposi	ted layer by			•
			(Ground Floo	or	Γ	ı	
	Excavated quantity	1	163.860	6			163.860	
	Deduction; PCC	-1	0.880				-0.880	
	DR masonry	-1	41.210	M E	1		-41.210	
	RR masonry up to ground level	-1	11.850	50 X	W		-11.850	
	Plinth filling quantity; House 1- Living		3.200	3.270	0.450	Ž.	4.709	
	W/area	1	1.320	1.490	0.450		0.886	
	Kitchen	ther Er	3.540	1.580	0.450	10.0	2.517	
	Bed Room 1		2.690	3.000	0.450	115	3.632	
	Bed Room 2	1	2.570	3.000	0.450	Ι΄	3.470	
	Bed area front	1	1.380	1.130	0.450		0.702	
	Toilet	1	1.380	1.970	0.450		1.224	
	House 2; Living	1	3.200	3.270	0.450		4.709	
	W/area	1	1.320	1.490	0.450		0.886	
	Kitchen	1	3.540	1.580	0.450		2.517	
	Bed Room 1	1	2.690	3.000	0.450		3.632	
	Bed Room 2	1	2.570	3.000	0.450		3.470	
	Bed area front	1	1.380	1.130	0.450		0.702	
	Toilet	1	1.380	1.970	0.450		1.224	
	House 3; Living	1	3.200	3.270	0.450		4.709	
	W/area	1	1.320	1.490	0.450		0.886	
	Kitchen	1	3.540	1.580	0.450		2.517	
	Bed Room 1	1	2.580	3.000	0.450		3.483	

	DR Foundation; Section A-A (Outer walls) Section B-B Section C-C	1 1 1	65.970 83.320 17.670		0.600 0.600 Total Quantite otal Deducted Quantite Net Total Quantite m @ Rs 486.93 / sqm	y 0.000 sqm y 100.176 sqm	า
	Section A-A (Outer walls) Section B-B	1	83.320	To	0.600 0.600 Total Quantited Quantited Control Con	49.992 10.602 y 100.176 sqm y 0.000 sqm	
	Section A-A (Outer walls) Section B-B	1	83.320		0.600	49.992 10.602	1
	Section A-A (Outer walls) Section B-B	1	83.320		0.600	49.992	
	Section A-A (Outer walls)						
	Section A-A (Outer	1	65.970		0.600	39.582	
			(Ground Floo	or		
18	4.11 Providing and laying da sand : 4 graded stone a	mp-proof	course 50 m	nm thick wit	m @ Rs 519.26 / cum		
			38/55	in of 1	Net Total Quantit	y 94.509 cum	
		4		To	otal Deducted Quantit	y 0.000 cum	
		B	DE		Total Quantit	y 94.509 cum	
	Own earth filling	-1	98.316	2000	4.41	-98.316	
	passage Ramp	1	4.800	2.530	0.450	2.733	
	Stair bottom area cum		10.130	2.530	0.450	11.534	
	Toilet	1	1.380	1.970	0.450	1.224	
	Bed area front	1	1.380	1.130	0.450	0.702	
	Bed Room 1	1 1	2.690	3.000	0.450	3.632	
	Kitchen Bed Room 1	1	3.540	1.580	0.450	2.517 3.632	
	W/area	1	1.320	1.490	0.450	0.886	
	House 4; Living	1	3.200	3.270	0.450	4.709	
	Toilet	1	1.530	1.970	0.450	1.357	
	Bed area front	1	1.670	1.130	0.450	0.850	
			2.530	3.000	0.450	3.416	

			GR	OUND FLO	OOR							
	DPC 50mm thick	1	100.180				100.180					
					7	Total Quantity	100.180 sqr	n				
				Т	otal Dedu	cted Quantity	0.000 sqm					
					Net T	Total Quantity	100.180 sqr	n				
			Say	100.180 sc	qm @ Rs 2	281.38 / sqm	Rs 2818	88.65				
20	od166456/2022_2023 OD Applying Antitermite treatment on flooring using emidoclocrid chemical which is ecofriendly and harm ful for human beings and pet animals which control the pests including all cost and labour chargetic complete etc complete by											
				Ground Flo	or							
	House 1; Living	1	3.200	3.270			10.464					
	W/area	1	1.320	1.490	h		1.967					
	Kitchen	1	3.540	1.580	17 1	1	5.594					
	Bed Room 1	1	2.690	3.000	1-2		8.070					
	Bed Room 2	1	2.570	3.000	الوسيادة	سكهارا	7.710					
	Bed area front	1	1.380	1.130			1.560					
	Toilet	1	1.380	1.970			2.719					
	House 2; Living	Other E	ngi <u>a20</u> 01i	123.2702	anisat	ions	10.464					
	W/area	1	1.320	1.490	7]		1.967					
	Kitchen	1	3.540	1.580			5.594					
	Bed Room 1	1	2.690	3.000			8.070					
	Bed Room 2	1	2.570	3.000			7.710					
	Bed area front	1	1.380	1.130			1.560					
	Toilet	1	1.380	1.970			2.719					
	House 3; Living	1	3.200	3.270			10.464					
	W/area	1	1.320	1.490			1.967					
	Kitchen	1	3.540	1.580			5.594					
	Bed Room 1	1	2.580	3.000			7.740					
	Bed Room 2	1	2.530	3.000			7.590					
	Bed area front	1	1.670	1.130			1.888					
	Toilet	1	1.530	1.970			3.015					
	House 4; Living	1	3.200	3.270			10.464					
	W/area	1	1.320	1.490			1.967					

	Kitchen	1	3.540	1.580			5.594	
	Bed Room 1	1	2.690	3.000			8.070	
	Bed Room 2	1	2.570	3.000			7.710	
	Bed area front	1	1.380	1.130			1.560	
	Toilet	1	1.380	1.970			2.719	
	Stair bottom area cum passage	1	10.130	2.530			25.629	
	Ramp	1	4.800	2.530			12.144	
					Tota	I Quantity	190.283 s	qm
			1.5	То	tal Deducted	d Quantity	0.000 sqm	1
			/Ga	: D	Net Tota	I Quantity	190.283 s	qm
			Say	190.283 sqr	m @ Rs 127	.77 / sqm	Rs 24	312.46
21	50.6.7.1 Laterate masonry with mortar 1:6 for foundat	B 150						
	For steps	4	1.500	0.600	0.300		1.080	
		4	1.500	0.300	0.150	72	0.270	
			Red	a suto	Tota	I Quantity	1.350 cum	1
	0	ther En	gineeri	ng Or g	tal Deducted	Quantity	0.000 cum	1
		$D \square$			Net Tota	l Quantity	1.350 cum	1
			Say	/ 1.350 cum	@ Pc 7150	.07 / cum	Rs 96	
				7 1.000 dain	@ 1\3 / 1\3			664.74
22	50.6.7.2 Laterate masonry with mortar 1:6 for super str charges etc.	•		te stone of	size 40x20	x15cm or r	nearest size	in cement
22	Laterate masonry with mortar 1:6 for super str	•	e plinth leve	te stone of	size 40x20: two level ind	x15cm or r	nearest size	in cement
22	Laterate masonry with mortar 1:6 for super str	•	e plinth leve	te stone of	size 40x20: two level ind	x15cm or r	nearest size	in cement
22	Laterate masonry with mortar 1:6 for super str charges etc. Masonry 20cm thick; Section A-A (Outer	ucture abov	e plinth leve	te stone of I up to floor Ground Floo	size 40x20: two level ind	x15cm or r	nearest size	in cement
22	Laterate masonry with mortar 1:6 for super str charges etc. Masonry 20cm thick; Section A-A (Outer walls)	ucture abov	65.970 83.320	te stone of el up to floor Ground Floo 0.200	size 40x20; two level ind r 2.900	x15cm or r	nearest size cost of mater	in cement
22	Laterate masonry with mortar 1:6 for super str charges etc. Masonry 20cm thick; Section A-A (Outer walls)	ucture abov	65.970 83.320	te stone of el up to floor Ground Floo 0.200 0.200	size 40x20; two level ind r 2.900	x15cm or r	nearest size cost of mater	in cement
22	Laterate masonry with mortar 1:6 for super str charges etc. Masonry 20cm thick; Section A-A (Outer walls) Section B-B	ucture abov	65.970 83.320	te stone of el up to floor Ground Floo 0.200 0.200 F-Deduction	size 40x20: two level index r 2.900 2.900	x15cm or r	anearest size cost of mater 38.263	in cement
22	Laterate masonry with mortar 1:6 for super str charges etc. Masonry 20cm thick; Section A-A (Outer walls) Section B-B D/W 100x210	1 1 4	65.970 83.320 G	te stone of el up to floor Ground Floo 0.200 0.200 F-Deductior 0.200	size 40x202 two level index r 2.900 2.900	x15cm or r	38.263 48.326	in cement

		1	1	1		1	
W2' 100x110	4	1.000	0.200	1.100		-0.880	
W3 180x150	1	1.800	0.200	1.500		-0.540	
V 60x60	4	0.600	0.200	0.600		-0.288	
Opening at kitchen and Bed	3	1.600	0.200	1.800		-1.728	
Opening at living and Bed-House 3	1	1.500	0.200	1.800		-0.540	
Opening at Living and Bed	4	1.100	0.200	2.100		-1.848	
Deduction for beam quantity	1	0.700				-0.700	
		/GE	IRST FLOC)R			
Masonry 20cm thick walls- Section A-A (Outer walls)	1	65.970	0.200	2.880		37.999	
Section B-B	1	83.320 DEDUCT	0.200 TON - FIRS	2.880 T FLOOR		47.993	
D/W 100x210	4	1.000	0.200	2.100		-1.680	
D1 90x210	8	0.900	0.200	2.100		-3.024	
W1 60x150	ther En	gineeri	ng.200g	anisatio	ns	-1.440	
W2 120x150	12	1.200	0.200	1.500	7	-4.320	
W2' 100x110	4	1.000	0.200	1.100		-0.880	
W3 180x150	1	1.800	0.200	1.500		-0.540	
V 60x60	4	0.600	0.200	0.600		-0.288	
Opening at kitchen and Bed	3	1.600	0.200	1.800		-1.728	
Opening at living and Bed-House 3	1	1.500	0.200	1.800		-0.540	
Opening at Living and Bed	4	1.100	0.200	2.100		-1.848	
Deduction for beam quantity	1	0.541				-0.541	
				Tota	al Quantity	172.581 c	um
			To	otal Deducte	d Quantity	-33.817 cu	ım
				Net Tota	al Quantity	138.764 c	um
		Say 1	38.764 cum	n @ Rs 7896	6.99 / cum	Rs 109	5817.92

50.6.7.3 Laterate masonry with mortar 1:6 for superstrulation charges etc.	-								
		TEI	RRACE FLO	OOR					
Stair head room	2	6.190	0.200	2.350	5.819				
	1	2.530	0.200	2.350	1.190				
	1	2.530	0.200	2.500	1.266				
		DEDUCTIO	N - TERRA	CE FLOOR					
D4 120x210	1	1.200	0.200	2.100	-0.504				
W3 180x150	1	1.800	0.200	1.500	-0.540				
		1/100	509	Total Quantity	8.275 cum				
	-	£ 2 1	To	otal Deducted Quantity	-1.044 cum				
Net Total Quantity 7.231 cum									
	B	Sa	y 7.231 cum	@ Rs 8877.61 / cum	Rs 64194.00				
size confirming to IS 21 CM 1:6 (1 cement : 6 c	oarse san	d) including	cost of scat	folding complete	for 10 cm thick wall				
Masonry 10cm thick; Inside 10cm thick		17.670	0.100	2.750 2.750	4.860				
Masonry 10cm thick;		17.670		2.750	4.860				
Masonry 10cm thick; Inside 10cm thick		17.670	0.100	2.750	4.860 -0.756				
Masonry 10cm thick; Inside 10cm thick walls (Sec CC)	1	17.670	0.100 F- Deductio	2.750					
Masonry 10cm thick; Inside 10cm thick walls (Sec CC)	1 4	17.670 G 0.900	0.100 F- Deductio 0.100	2.750 ns 2.100	-0.756				
Masonry 10cm thick; Inside 10cm thick walls (Sec CC) D1 90x210 D1' 90x210	4	17.670 G 0.900 0.900	0.100 F- Deductio 0.100 0.100	2.750 ns 2.100 2.100	-0.756 -0.189				
Masonry 10cm thick; Inside 10cm thick walls (Sec CC) D1 90x210 D1' 90x210 D2 80x210 Deduction for beam	1 4 1 3	17.670 G 0.900 0.900 0.800 0.300	0.100 F- Deductio 0.100 0.100	2.750 ns 2.100 2.100 2.100	-0.756 -0.189 -0.504				
Masonry 10cm thick; Inside 10cm thick walls (Sec CC) D1 90x210 D1' 90x210 D2 80x210 Deduction for beam	1 4 1 3	17.670 G 0.900 0.900 0.800 0.300	0.100 F- Deductio 0.100 0.100	2.750 ns 2.100 2.100 2.100	-0.756 -0.189 -0.504				
Masonry 10cm thick; Inside 10cm thick walls (Sec CC) D1 90x210 D1' 90x210 D2 80x210 Deduction for beam quantity Masonry 10cm thick	1 1 3 1	17.670 G 0.900 0.900 0.800 0.300 F 17.670	0.100 F- Deductio 0.100 0.100 0.100	2.750 ns 2.100 2.100 2.100 R 2.880	-0.756 -0.189 -0.504 -0.300				
Masonry 10cm thick; Inside 10cm thick walls (Sec CC) D1 90x210 D1' 90x210 D2 80x210 Deduction for beam quantity Masonry 10cm thick	1 1 3 1	17.670 G 0.900 0.900 0.800 0.300 F 17.670	0.100 F- Deductio 0.100 0.100 0.100 O.100 0.100	2.750 ns 2.100 2.100 2.100 R 2.880	-0.756 -0.189 -0.504 -0.300				

	Deduction for beam quantity	1	0.276				-0.276			
					Tot	al Quantity	9.949 cum	1		
				To	otal Deducte	ed Quantity	-3.453 cur	m		
					Net Tot	al Quantity	6.496 cum	1		
			Sa	y 6.496 cum	@ Rs 7769	9.76 / cum	Rs 50	472.36		
25	od166457/2022_2023 Modified 50.6.3.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10 cm nearest available size confirming to IS 2185 part I of 1979 for super structure from floor two level to Leve 5 for 10 cm thick wall in : CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding complete<									
			TE	RRACE FLC	OOR		1			
	Parapet wall	1	73.140	0.100	1.200		8.777			
			6.97		Tot	al Quantity	8.777 cum	1		
		6	J. J.	To	otal Deducte	ed Quantity	0.000 cum	1		
			1 100	WA A	Net Tot	al Quantity	8.777 cum	1		
		1/55	Sa	y 8.777 cum	@ Rs 8750	0.38 / cum	Rs 76	802.09		
26	13.1.1 12 mm cement plaster of	of mix:1:4 (1000	- ento	DC.					
		of mix:1:4 (ther Er 1	1000	4 fine sand) Ground Floo	3.600 0.110	ns	225.613 0.350			
	12 mm cement plaster of	ther Er	gineeri 62.670	- ento	3.600	ons 1				
	12 mm cement plaster of Exterior walls Ramp sides Interior walls; House	ther En	62.670 1.590	- ento	3.600 0.110	ons	0.350			
	12 mm cement plaster of Exterior walls Ramp sides Interior walls; House 1-Living cum dining	ther Er	62.670 1.590 12.940	- ento	3.600 0.110 3.050	ons	0.350 39.467			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area	ther En	62.670 1.590 12.940 4.130	- ento	3.600 0.110 3.050 3.050	ons	0.350 39.467 12.597			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen	ther E1 1 2 1 1 1	62.670 1.590 12.940 4.130 10.240	- ento	3.600 0.110 3.050 3.050 3.050	ons	0.350 39.467 12.597 31.232			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen Bed Room 1	ther E1 1 1 1 1 1	1.590 1.590 12.940 4.130 10.240 11.140	- ento	3.600 0.110 3.050 3.050 3.050	ons	0.350 39.467 12.597 31.232 33.977			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen Bed Room 1 Bed room 2	ther Er 1 2 1 1 1 1 1 1	62.670 1.590 12.940 4.130 10.240 11.140 11.380	- ento	3.600 0.110 3.050 3.050 3.050 3.050	ons	0.350 39.467 12.597 31.232 33.977 34.709			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen Bed Room 1 Bed room 2 Toilet	ther Er 1 2 1 1 1 1 1 1 1	1.590 1.590 12.940 4.130 10.240 11.140 11.380 6.700	- ento	3.600 0.110 3.050 3.050 3.050 3.050 3.050		0.350 39.467 12.597 31.232 33.977 34.709 20.435			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen Bed Room 1 Bed room 2 Toilet Bed area front House 2; Living cum	ther Er 1 2 1 1 1 1 1 1 1	1.590 1.590 12.940 4.130 10.240 11.140 11.380 6.700 4.560	- milo	3.600 0.110 3.050 3.050 3.050 3.050 3.050 3.050		0.350 39.467 12.597 31.232 33.977 34.709 20.435 13.908			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen Bed Room 1 Bed room 2 Toilet Bed area front House 2; Living cum dining	ther E1 1 2 1 1 1 1 1 1 1 1	1.590 1.590 12.940 4.130 10.240 11.140 11.380 6.700 4.560	- milo	3.600 0.110 3.050 3.050 3.050 3.050 3.050 3.050 3.050 3.050		0.350 39.467 12.597 31.232 33.977 34.709 20.435 13.908 39.467			
	Exterior walls Ramp sides Interior walls; House 1-Living cum dining W/area Kitchen Bed Room 1 Bed room 2 Toilet Bed area front House 2; Living cum dining W/area	ther E1 1 1 1 1 1 1 1 1 1 1	1.590 1.590 12.940 4.130 10.240 11.140 11.380 6.700 4.560 12.940 4.130	- milo	3.600 0.110 3.050 3.050 3.050 3.050 3.050 3.050 3.050 3.050		0.350 39.467 12.597 31.232 33.977 34.709 20.435 13.908 39.467 12.597			

Toilet	1	6.700	3.050	20.435
Bed area front	1	4.560	3.050	13.908
House 3; Living cum dining	1	12.940	3.050	39.467
W/area	1	4.130	3.050	12.597
Kitchen	1	10.240	3.050	31.232
Bed Room 1	1	11.060	3.050	33.733
Bed room 2	1	11.160	3.050	34.038
Toilet	1	7.000	3.050	21.350
Bed area front	1	5.140	3.050	15.677
House 4; Living cum dining	1	12.940	3.050	39.467
W/area	1	4.130	3.050	12.597
Kitchen	1 1	10.240	3.050	31.232
Bed Room 1	1	11.140	3.050	33.977
Bed room 2	1	11.380	3.050	34.709
Toilet	1	6.700	3.050	20.435
Bed area front	1 1 _	4.560	3.050	13.908
Stair area cum passage	ther En	29.330 29.330	3.050	89.457
		GF-	Deductions	
D/W 100x210	4	1.000	2.100	-8.400
D1 90x210	12	0.900	2.100	-22.680
D1' 90x210	1	0.900	2.100	-1.890
D2 80x210	3	0.800	2.100	-5.040
W1 60x150	8	0.600	1.500	-7.199
W2 120x150	12	1.200	1.500	-21.599
W2' 100x110	4	1.000	1.100	-4.400
W3 180x150	1	1.800	1.500	-2.700
V 60x60	4	0.600	0.600	-1.440
Opening at kitchen and Bed	3	1.600	1.800	-8.640
Opening at living and Bed-House 3	1	1.500	1.800	-2.700

		1					
Opening at living and Bed	4	1.100		2.100		-9.240	
Wall tile	1	49.980				-49.980	
		F	IRST FLOO	R			
Exterior walls	1	68.970		3.150		217.256	
Interior walls - House 1- Living cum dining	1	12.940		3.030		39.209	
W/area	1	4.130		3.030		12.514	
Kitchen	1	10.240		3.030		31.028	
Bed Room 1	1	11.140		3.030		33.755	
Bed room 2	1	11.380	A.	3.030		34.482	
Toilet	1	6.700		3.030		20.301	
Bed area front	1	4.560	8 2	3.030		13.817	
House 2- Living cum dining	(1)	12.940	DA	3.030		39.209	
W/area	(61	4.130		3.030	5	12.514	
Kitchen	1	10.240		3.030		31.028	
Bed Room 1	1	11.140	8 300 8 300 8 8 300 8 300 8 8 300 8 300 8 8 300 8 300 8 8 900 8 800 8 900 8 900 8 900 8 900 8 900 8 900 8 900 8 900 8 90	3.030		33.755	
Bed room 2	ther Er	gin.380ri	ng Orga	an <u>i</u> .03610	ns	34.482	
Toilet	1	6.700		3.030	7	20.301	
Bed area front	1	4.560		3.030		13.817	
House 3- Living cum	1	12.940		3.030		39.209	
W/area	1	4.130		3.030		12.514	
Kitchen	1	10.240		3.030		31.028	
Bed Room 1	1	11.060		3.030		33.512	
Bed room 2	1	11.160		3.030		33.815	
Toilet	1	7.000		3.030		21.210	
Bed area front	1	5.140		3.030		15.575	
House 4 - Living cum dining	1	12.940		3.030		39.209	
W/area	1	4.130		3.030		12.514	
Kitchen	1	10.240		3.030		31.028	
Bed Room 1	1	11.140		3.030		33.755	

		1				1
Bed room 2	1	11.380	3.030		34.482	
Toilet	1	6.700	3.030		20.301	
Bed area front	1	4.560	3.030		13.817	
Stair area cum passage	1	22.890	3.030		69.357	
		DEDUCT	ION - FIRST FLOOR			
Deduction for openings- D/W 100x210	4	1.000	2.100		-8.400	
D1 90x210	12	0.900	2.100		-22.680	
D2 80x210	4	0.800	2.100		-6.720	
W1 60x150	8	0.600	1.500		-7.199	
W2 120x150	12	1.200	1.500		-21.599	
W2' 100x110	4	1.000	1.100		-4.400	
W3 180x150	1	1.800	1.500		-2.700	
V 60x60	4	0.600	0.600	75	-1.440	
Opening at kitchen and Bed	3	1.600	1.800		-8.640	
Opening at living and Bed-House 3	ther En	ngin ₅₀₆ ri	ng Organisati	ons	-2.700	
Opening at living and Bed	4	1.100	2.100	j	-9.240	
Wall tile	1	50.190			-50.190	
		TEF	RRACE FLOOR			
External walls - Head room	1	18.280	2.700		49.357	
Internal walls - Head room	1	16.880	2.500		42.200	
Parapet wall	1	73.140	2.500		182.850	
		DEDUCTIO	N - TERRACE FLOOR	3		
D4 120x210	1	1.200	2.100		-2.520	
W3 180x150	1	1.800	1.500		-2.700	
			То	tal Quantity	2365.690	sqm
			Total Deduct	ed Quantity	-297.036	sqm
			Net To	tal Quantity	2068.654	sqm

	Say 2068.654 sqm @ Rs 310.18 / sqm										
27	50.13.1 9 mm cement plastering of mix: 1:3 (1 cement: 3 fine sand) including all cost of materials, labor charges etc complete										
			GR	OUND FLC	OR						
	Ceiling - Roof slab	1	225.290				225.290	Area			
	Kitchen slab	4	3.610	0.700			10.108				
	Sunshade - Back	1	15.300		1.300		19.890				
	Sides	2	2.230		1.300		5.798				
		2	2.230		1.300		5.798				
	Front	2	4.950	B.	1.300		12.871				
	Beam side Plastering - B 200x200	1	1.530		0.200		0.307				
		2	2.530	5. 7	0.200		1.012				
		3	1.380		0.200		0.828				
		4	1.150		0.200	5	0.920				
		2	3.180		0.200		1.273				
	Stair - Step bottom	19	1.250	0.150			3.563				
	0	ther Er	gi <u>n25</u> 011	ng _{0.300} g	anisatio	ns	6.375				
		2	0.780		7	7	1.560	Area			
		1	1.250		0.150		0.188				
		1	1.790		0.150		0.269				
	Sides	19	0.450		0.150		1.283				
	Landing slab bottom	1	1.250	1.250			1.563				
			GROUND	FLOOR -DI	EDUCTION						
	Deduct 20cm thick wall	1	149.290	0.200			-29.858				
	Deduct 10cm thick	1	17.670	0.100			-1.767				
	Stair	1	9.650				-9.650	Area			
			F	IRST FLOC	DR 						
	Ceiling - Roof slab	1	225.290				225.290	Area			
	Kitchen slab	4	3.610	0.700			10.108				
	Sunshade - Back	1	15.300		1.300		19.890				

	Sides	2	2.230		1.300		5.798	
		2	2.230		1.300		5.798	
	Front	2	4.950		1.300		12.871	
	Beam side plastering - B(200x200)	1	1.530		0.200		0.307	
		3	2.530		0.200		1.518	
		3	1.380		0.200		0.828	
		4	1.150		0.200		0.920	
		2	3.180		0.200		1.273	
	Stair- Step bottom	19	1.250	0.150			3.563	
		17	1.250	0.300			6.375	
		2	0.780	10			1.560	Area
		1	1.250	K Y	0.150		0.188	
		1	1.790	33/2	0.150		0.269	
	Sides	19	0.450		0.150	1	1.283	
	Landing slab bottom	1	1.250	1.250			1.563	
			DEDUCT	ION - FIRS	T FLOOR			
	Stair	thet E	9.650	ng Org	anisatio	ns	-9.650	area
	Deduct 20cm thick wall	1	149.290	0.200	T		-29.858	
	Deduct 10cm thick	1	17.670	0.100			-1.767	
			TER	RACE FLO	OOR			
	Ceiling - Roof Slab	1	4.160	7.410			30.826	
			DEDUCTIO	N- TERRA	CE FLOOR			
	Deduct wall length	1	17.440	0.200			-3.488	
					Tota	al Quantity	629.124 so	mp
				Т	otal Deducte	d Quantity	-86.038 sc	lm
					Net Tota	al Quantity	543.086 so	qm
			Say	543.086 sc	ım @ Rs 287	7.68 / sqm	Rs 156	234.98
28	10.5.1 Providing and fixing 1 gusset plates at the justice coat of approved steel	nctions and	d corners, all	necessary	fittings com	plete, inclu	ding applying	
			TE 0	RACE FLO	200			

	D4 120x210	1	1.200		2.100		2.520	
					Tota	al Quantity	2.520 sqm	1
				To	tal Deducte	d Quantity	0.000 sqm	ı
					Net Tota	al Quantity	2.520 sqm	1
			Sa	y 2.520 sqm	@ Rs 5147	'.32 / sqm	Rs 12	971.25
29	10.31 Providing and fixing an size 35x35x5 mm, join existing T-iron frame conscrews and applying apolic charge.	ts mitred a	nd welded l all withdash	oy angle iro ı fastener, i	n35x35x5 n ncluding fix	nm or 35x 5 ting of nece	5 mm flat pie essary butt h	eces to the
			TEI	RRACE FLC	OR			
	D4 120x210	1	6.600			3.5	23.100	
		-	43 6	8 5	Tota	al Quantity	23.100 kg	
		(L"	TO ER	Tc	tal Deducte	d Quantity	0.000 kg	
		NA	DI		Net Tota	al Quantity	23.100 kg	
		16/42		Say 23.100	kg @ Rs 1	11.81 / kg	Rs 25	82.81
30	9.62.1 Providing and fixing complete:300x16 mm	4	gineeri		anisatio		nuts and s	crews etc
		1	K			al Quantity	1.000 1.000 no	
					otal Deducte		0.000 no	
						al Quantity	1.000 no	
				Say 1.000	no @ Rs 2			13.10
31	9.63.3 Providing and fixing ISI etc. complete:150x10 m		idised M.S.	<u> </u>				
			TEI	RRACE FLC	OR			
		1					1.000	
					Tota	al Quantity	1.000 no	
				Тс	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	1.000 no	
				Say 1.00	0 no @ Rs 6	31.06 / no	Rs 6	1.06
	1							

Providing and fixing ISI etc. complete:250x10 n		idiood ivi.O.	TOWOI DOILD	AGON IIIIIGII, (Da	or type)	WIGH 110003	
		TEI	RRACE FLO	OOR			
	1					1.000	
				Total (Quantity	1.000 no	
			To	otal Deducted (Quantity	0.000 no	
				Net Total (Quantity	1.000 no	
			Say 1.00	00 no @ Rs 86.	16 / no	Rs	86.16
cement slurry mixed wi of cement @ 0.488 kg/s be allowed to air cure for proofing cement composite with water curing for 4 joints, corners, junction	sqm mixed or 4 hours. ound @ 0.1	with water pb) Second la 26 kg/ sqm he rate incl	oroofing cen ayer of slurr . This layer udes prepa	nent compound ry of cement @ will be allowed tration of surfa	I @ 0.253 0.242 kg I to air cu ce, treatr	3 kg/sqm. The square for 4 hou	nis laye d with wurs follo
	15	1	Ground Floo	or			
Floor; House 1 - Toilet	16/1	1.380	1.970			2.719	
House 2 - Toilet	1	1.380	1.970	100		2.719	
House 3 - Toilet	the ¹ Er	1.530	1.970	anisation	S	3.015	
House 4 - Toilet	1	1.380	1.970			2.719	
Wall; House 1 - Toilet	1	6.700		0.600		4.020	
House 2 - Toilet	1	6.700		0.600		4.020	
House 3 - Toilet	1	7.000		0.600		4.200	
House 4 - Toilet	1	6.700		0.600		4.020	
		Ground	d Floor- Ded	ductions			
D1' 90x210	1	0.900		0.600		-0.540	
D2 80x210	3	0.800		0.600		-1.440	
		F	IRST FLOC	DR			
Floor - House 1 - Toilet	1	1.380	1.970			2.719	
House 2 - Toilet	1	1.380	1.970			2.719	
House 3 - Toilet	1	1.530	1.970			3.015	
 House 4 - Toilet	1	1.380	1.970			2.719	
 Wall- House 1 - Toilet	1	6.700		0.600		4.020	

						1		
	House 2 - Toilet	1	6.700		0.600		4.020	
	House 3 - Toilet	1	7.000		0.600		4.200	
	House 4 - Toilet	1	6.700		0.600		4.020	
			DEDUCT	ION - FIRS	T FLOOR			
	D2 80x210	4	0.800		0.600		-1.920	
					Tota	al Quantity	54.864 sq	m
				To	tal Deducte	d Quantity	-3.900 sqr	n
					Net Tota	al Quantity	50.964 sq	m
			Say	/ 50.964 sq	m @ Rs 541	.22 / sqm		
	Providing and laying attached pilasters, colparapets, coping, bed level, excluding the costone aggregate 20 m	lumns, piers blocks, and st of centeri	s, abutments thor blocks, p ng, shutterin size)	, pillars, po plain windo g and finish	sts, struts,b w sills, fillets ing:1:2:4 (1	uttresses, s s, sunken fl	etring or lacion	ng cours to floor f
		1/11	12000	IRST FLOO	ئىرلىرۇرىيى <u>ت</u>	L		
	House 1 - Toilet	1	1.380	1.970	0.100		0.272	
	House 2 - Toilet	1	1.380	1.970	0.100		0.272	
			4 500	1.970	0.100		0.302	
	House 3 - Toilet	ther Er	.1.530 1910ccr1	ng Orga	anisatio	ns		
	House 3 - Toilet House 4 - Toilet	ther Er	1.530 1.380 1.380	1.970 1.970	0.100		0.272	
		ther Er	igineeri	1.970	0.100 Tota	Quantity		1
		ther Er	igineeri	1.970	0.100	Quantity	0.272	
		ther Er	igineeri	1.970	0.100 Total Deducte	Quantity	0.272 1.118 cum	1
		ther Er	1.380	1.970	0.100 Total Deducte	al Quantity d Quantity al Quantity	0.272 1.118 cum 0.000 cum 1.118 cum	1
35		ng with cind	Say	1.970	0.100 Total Deducte Net Total @ Rs 9943	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11	117.34
35	House 4 - Toilet od166458/2022_2023 OD Supplying and filli	ng with cind	Say	1.970	0.100 Total Deducte Net Total @ Rs 9943 solidating a	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11	117.34
35	House 4 - Toilet od166458/2022_2023 OD Supplying and filli	ng with cind	Say	1.970 To	0.100 Total Deducte Net Total @ Rs 9943 solidating a	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11	117.34
35	od166458/2022_2023 OD Supplying and filli cost of materials, labor	ng with cind	Say er under , ra etc complete	1.970 To	0.100 Total Deducte Net Total @ Rs 9943 solidating a	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11 complete. i	117.34
35	od166458/2022_2023 OD Supplying and filli cost of materials, labo House 1 - Toilet	ng with cind our charges	Say er under , raetc complete F 1.380	1.970 To 1.118 cum mming con e-cbr> IRST FLOO 1.970	0.100 Total Deducte Net Total @ Rs 9943 solidating a	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11 complete. i	117.34
35	od166458/2022_2023 OD Supplying and filli cost of materials, labo House 1 - Toilet House 2 - Toilet	ng with cind our charges	Say er under , ra etc complete F 1.380 1.380	1.970 7 1.118 cum mming con e-cbr> IRST FLOO 1.970 1.970	0.100 Total Deducte Net Total @ Rs 9943 solidating a R 0.150 0.150	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11 complete. i 0.408 0.408	117.34
35	od166458/2022_2023 OD Supplying and filli cost of materials, labo House 1 - Toilet House 2 - Toilet House 3 - Toilet	ng with cind bur charges	Say er under , ra etc complete F 1.380 1.380 1.530	1.970 1.970 To 7 1.118 cum exmming con exbr> IRST FLOO 1.970 1.970 1.970	no.100 Total Deducte Net Total Resolidating and Resolidation and Resolida	d Quantity d Quantity al Quantity s.95 / cum	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11 complete. i 0.408 0.408 0.453	n 117.34 ncluding
35	od166458/2022_2023 OD Supplying and filli cost of materials, labo House 1 - Toilet House 2 - Toilet House 3 - Toilet	ng with cind bur charges	Say er under , ra etc complete F 1.380 1.380 1.530	1.970 1.970 To 7 1.118 cum mming con 9 br> IRST FLOO 1.970 1.970 	no.100 Total Deducte Net Total Resolidating and Resolidation and Resolidat	al Quantity d Quantity al Quantity 3.95 / cum and dressing	0.272 1.118 cum 0.000 cum 1.118 cum Rs 11 complete. i 0.408 0.408 0.453 0.408	n 117.34 ncluding

			Say	/ 1.677 cun	n @ Rs 19	967.17 / cum	Rs 32	298.94	
36	5.30 Add for plaster drip cou	rse / groove	e in plastered	d surface o	r moulding	g to R.C.C. pro	jections.		
			GR	OUND FLO	OOR				
	Horizontal groove between beam and masonry	1	25.300				25.300		
			F	IRST FLOC	OR				
	Horizontal groove between beam and masonry	1	26.200				26.200		
			Con.	/Ms	7	otal Quantity	51.500 me	etre	
			-1	T	otal Dedu	cted Quantity	0.000 met	re	
				\$ Y	Net 7	otal Quantity	51.500 me	etre	
		11	Say s	51.500 met	re @ Rs 6	88.42 / metre	Rs 3	523.63	
	OD Providing water cutting to bottom edge side of slab/sunshade by 25mm wide and 15mm thick cement mortar 1:3 including cost and conveyance of all materials, labour charges etc complete GROUND FLOOR								
	cement mortar 1:3 incl	uding cost	PRINCIPAL DESCRIPTION OF THE PRINCIPAL DESCRI	in 013227	/	ls, labour cha	rges etc cor	mplete <l< td=""></l<>	
		uding cost	PRINCIPAL DESCRIPTION OF THE PRINCIPAL DESCRI	OUND FLO	/		79.090	mplete<	
			GR	OUND FLO	OOR			mplete <l< td=""></l<>	
	Roof slab	ther Er	GR 979.09011	OUND FLO	OOR		79.090	mplete<	
	Roof slab Sunshade - Back	ther Er	GR 979.0901 15.300	OUND FLO	OOR		79.090 15.300	mplete<	
	Roof slab Sunshade - Back	ther Er	GR 79.090 1 15.300 2.230	OUND FLO	OOR		79.090 15.300 4.460	mplete <l< td=""></l<>	
	Roof slab Sunshade - Back Sides	ther Er	GR 79.090 1 15.300 2.230 2.230 4.950	OUND FLO	oor ganisat		79.090 15.300 4.460 4.460	mplete<	
	Roof slab Sunshade - Back Sides	ther Er	GR 79.090 1 15.300 2.230 2.230 4.950	ound flo	oor ganisat		79.090 15.300 4.460 4.460	mplete<	
	Roof slab Sunshade - Back Sides Front	ther Er	GR 79.090 15.300 2.230 2.230 4.950	ound flo	oor ganisat		79.090 15.300 4.460 4.460 9.900	mplete<	
	Roof slab Sunshade - Back Sides Front Sunshade - Back	ther Er	GR 79.090 15.300 2.230 2.230 4.950 F 15.300	ound flo	oor ganisat		79.090 15.300 4.460 4.460 9.900	mplete<	
	Roof slab Sunshade - Back Sides Front Sunshade - Back	ther Er	GR 79.090 15.300 2.230 2.230 4.950 F 15.300 2.230	ound flo	oor ganisat		79.090 15.300 4.460 4.460 9.900 15.300 4.460	mplete<	
	Roof slab Sunshade - Back Sides Front Sunshade - Back Sides	ther Er 2 2 1 2 2	GR 79.090 1 15.300 2.230 4.950 F 15.300 2.230 2.230	ound flo	oor ganisat		79.090 15.300 4.460 9.900 15.300 4.460 4.460	mplete<	
	Roof slab Sunshade - Back Sides Front Sunshade - Back Sides Front	ther Er 2 2 1 2 2 2 2	GR 15.300 2.230 2.230 4.950 F 15.300 2.230 4.950 79.090	ound flo	oor canisat		79.090 15.300 4.460 9.900 15.300 4.460 4.460 9.900	mplete<	
	Roof slab Sunshade - Back Sides Front Sunshade - Back Sides Front	ther Er 2 2 1 2 2 2 2	GR 15.300 2.230 2.230 4.950 F 15.300 2.230 4.950 79.090	OUND FLO	oor canisat		79.090 15.300 4.460 9.900 15.300 4.460 4.460 9.900	mplete<	
	Roof slab Sunshade - Back Sides Front Sunshade - Back Sides Front	ther Er 2 2 2 1 2 2 1 2 1	GR 15.300 2.230 2.230 4.950 F 15.300 2.230 4.950 79.090 TEF	OUND FLO	DOR ganisat		79.090 15.300 4.460 9.900 15.300 4.460 4.460 9.900 79.090		
	Roof slab Sunshade - Back Sides Front Sunshade - Back Sides Front	ther Er 2 2 2 1 2 2 1 2 1	GR 15.300 2.230 2.230 4.950 F 15.300 2.230 4.950 79.090 TEF	OUND FLO	DOR ganisat DR DOR	ions	79.090 15.300 4.460 9.900 15.300 4.460 4.460 9.900 79.090	netre	

			Say 24	9.560 metre	@ Rs 107.2	23 / metre	Rs 26	760.32
38	od166460/2022_202 Modified 50.9.1.2 F frames, wrought fran length (hold fast lug	Providing woo	I in position v	with hold fa	st lugs or wi	th dash fast	teners of req	uired dia
			GR	OUND FLC	OR			
	D/W 100x210	4	1.300	0.075	0.1250		0.049	
		8	1.950	0.075	0.1250		0.147	
	W1 60x150	4	0.900	0.075	0.100		0.028	
		8	1.350	0.075	0.100		0.082	
				IRST FLOC	PR			
	D/W 100x210	4	1.300	0.075	0.125		0.049	
		8	1.950	0.075	0.125		0.147	
	W1 60x150	4	0.900	0.075	0.100		0.028	
		8	1.350	0.075	0.100		0.082	
		101	Line		Tota	al Quantity	0.612 cum	1
					0.000		0.000 cum	
				To	otal Deducte	d Quantity	0.000 cum	1
			100	a and	Net Tota	al Quantity	0.000 cum	
		Other E	ngin say o	a and	Net Tota	al Quantity	0.612 cum	
39	od166461/2022_202 Modified 50.9.3.2 Proceeds of the common state o	e3 roviding and to 30 mm thick secessary scree	fixing panele shutters inclu ws, excluding	d or paneleding ISI ma	Net Total Rs 170864 Ind and glaze Red M.S. prophich will be	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright	ndows a
39	Modified 50.9.3.2 Policy clerestory windows, required size with ne	e3 roviding and to 30 mm thick secessary scree	ixing panele shutters inclu ws, excluding e.using Pinco	d or paneleding ISI ma	Net Total Rs 170864 Ind and glaze Red M.S. provinch will be pers	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright	ndows a
39	Modified 50.9.3.2 Policy clerestory windows, required size with ne	e3 roviding and to 30 mm thick secessary scree	ixing panele shutters inclu ws, excluding e.using Pinco	d or paneleding ISI may paneling wood.<	Net Total Rs 170864 Ind and glaze Red M.S. provinch will be pers	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright	ndows a
39	Modified 50.9.3.2 Policy clerestory windows, required size with ne per direction of Engi	roviding and f 30 mm thick s ecessary screen	ixing panele shutters inclu ws, excluding e.using Pinco GR	d or paneleding ISI may paneling wood.<	Net Total Rs 170864 Ind and glaze Red M.S. provinch will be person	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright parately, all compared to the c	ndows a
39	Modified 50.9.3.2 Proclerestory windows, required size with new per direction of Engin	roviding and f 30 mm thick s ecessary screeneer in-charge	Fixing panele shutters incluws, excluding e.using Pinco GR 0.850 0.450	d or paneleding ISI may paneling wood.<	Net Total Rs 170864 and glaze rked M.S. pr rhich will be or> OOR 2.025 1.350	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright parately, all compared to the c	ndows a
39	Modified 50.9.3.2 Proclerestory windows, required size with new per direction of Engin	roviding and f 30 mm thick s ecessary screeneer in-charge	Fixing panele shutters incluws, excluding e.using Pinco GR 0.850 0.450	d or paneleding ISI may paneling wood.<	Net Total Rs 170864 and glaze rked M.S. pr rhich will be or> OOR 2.025 1.350	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright parately, all compared to the c	ndows a
39	Modified 50.9.3.2 Proclerestory windows, required size with new per direction of Engineer D/W 100x210 W1 60x150	roviding and f 30 mm thick s ecessary screeneer in-charge	ixing panele shutters incluws, excluding e.using Pinco GR 0.850 0.450	d or paneleding ISI may paneling wood.<	Net Total Rs 170864 and glaze rked M.S. pr rhich will be or> OOR 2.025 1.350 OR	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright parately, all comparately all c	ndows a
39	Modified 50.9.3.2 Proclerestory windows, required size with new per direction of Engineer D/W 100x210 W1 60x150 D/W 100x210	roviding and f 30 mm thick secessary screeneer in-charge	ixing panele shutters inclusive, excluding e.using Pinco GR 0.850 0.450	d or paneleding ISI may paneling wood.<	Net Total Rs 170864 Ind and glaze Red M.S. provinich will be pro- POR 2.025 1.350 PR 2.025 1.350	al Quantity 1.21 / cum ad shutters fressed butt	0.612 cum Rs 104 for doors, withinges bright parately, all constants of the constant of the co	ndows at finished
39	Modified 50.9.3.2 Proclerestory windows, required size with new per direction of Engineer D/W 100x210 W1 60x150 D/W 100x210	roviding and f 30 mm thick secessary screeneer in-charge	ixing panele shutters inclusive, excluding e.using Pinco GR 0.850 0.450	d or paneleding ISI may paneling wood. <i< td=""><td>Net Total Rs 170864 Ind and glaze Red M.S. provinich will be pro- POR 2.025 1.350 PR 2.025 1.350</td><td>al Quantity 1.21 / cum Id shutters to essed button paid for separate for separate</td><td>0.612 cum Rs 104 for doors, withinges bright parately, all comparately all c</td><td>ndows at finished</td></i<>	Net Total Rs 170864 Ind and glaze Red M.S. provinich will be pro- POR 2.025 1.350 PR 2.025 1.350	al Quantity 1.21 / cum Id shutters to essed button paid for separate	0.612 cum Rs 104 for doors, withinges bright parately, all comparately all c	ndows at finished
39	Modified 50.9.3.2 Proclerestory windows, required size with new per direction of Engineer D/W 100x210 W1 60x150 D/W 100x210	roviding and f 30 mm thick secessary screeneer in-charge	ixing panele shutters inclusive, excluding e.using Pinco GR 0.850 0.450	d or paneleding ISI may paneling wood. <i< td=""><td>Net Total Rs 170864 Ind and glaze Red M.S. provinich will be pro- POR 2.025 1.350 Indicate the province of the</td><td>al Quantity 1.21 / cum Id shutters to essed button paid for separate for separate</td><td>0.612 cum Rs 104 for doors, withinges bright parately, all comparately, all comparately all</td><td>ndows at finished complete</td></i<>	Net Total Rs 170864 Ind and glaze Red M.S. provinich will be pro- POR 2.025 1.350 Indicate the province of the	al Quantity 1.21 / cum Id shutters to essed button paid for separate	0.612 cum Rs 104 for doors, withinges bright parately, all comparately, all comparately all	ndows at finished complete

	grooves or rebates		-	•		•	excluding po d shutters 2	
	mm thick using god	od quality Pince	oda wood	· •	· 			
			GRC	OUND FLO	OR			
	D/W 100x210	4	0.700		1.800		5.040	
		·	FIF	RST FLOOF	₹		•	
	D/W 100x210	4	0.700		1.800		5.040	
					Tota	I Quantity	10.080 sq	m
				Tot	tal Deducted	I Quantity	0.000 sqn	า
				6	Net Tota	I Quantity	10.080 sq	m
			Say 1	0.080 sqm	@ Rs 3736.	33 / sqm	Rs 37	662.21
	doors, windows as grooves or rebates mm thick:Float glas	to be measure	ed), Panelling f thick glass par	for panelled	or panelled		• .	
		4/45	AL MACON	OUND FLOO	OR			
	W1 60x150	4	0.050	n 01.222//				T
	VVI OUXIOU		0.250		1.150		1.150	
	VVIOOXIGO			RST FLOOF		ns	1.150	
	W1 60x150		0.250 ngineerfif 0.250	RST FLOOR		ns	1.150	
		Other En	ngineerfin	RSTFLOOF	Rnisation 1.150	ns Quantity		 n
		Other En	ngineerfin		Rnisation 1.150	l Quantity	1.150	
		Other En	ngineerfin		1.150 Tota	l Quantity	1.150 2.300 sqn	n
		Other En	0.250	Tot	1.150 Tota	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn	n
42		Other En	0.250	2.300 sqm	1.150 Tota tal Deducted Net Tota	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn	n n
42	W1 60x150 50.9.15.4	Other En	Say	2.300 sqm	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083.	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn	n n
42	W1 60x150 50.9.15.4	Other En	Say	2.300 sqm	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083.	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn	n n
42	W1 60x150 50.9.15.4 Providing and fixing	Other En	Say d eyes: 150 m	2.300 sqm	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083.	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn Rs 47	n n
42	W1 60x150 50.9.15.4 Providing and fixing	Other En	Say d eyes: 150 m	2.300 sqm	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083.	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn Rs 47	n n
42	W1 60x150 50.9.15.4 Providing and fixing W1 60x150	Other En	Say d eyes: 150 m	2.300 sqm	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083.	Quantity I Quantity I Quantity	1.150 2.300 sqn 0.000 sqn 2.300 sqn Rs 47	792.46
42	W1 60x150 50.9.15.4 Providing and fixing W1 60x150	Other En	Say d eyes: 150 m	2.300 sqm DUND FLOOR	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083.	I Quantity I Quantity I Quantity 68 / sqm	1.150 2.300 sqn 0.000 sqn 2.300 sqn Rs 47	792.46
42	W1 60x150 50.9.15.4 Providing and fixing W1 60x150	Other En	Say d eyes: 150 m	2.300 sqm	Tota 1.150 Tota tal Deducted Net Tota @ Rs 2083. OR Tota Tota Tota	I Quantity I Quantity I Quantity 68 / sqm	1.150 2.300 sqm 0.000 sqm 2.300 sqm Rs 47 8.000 8.000 16.000 no	792.46

43	9.74.3 Providing and fixing complete:150x10 mn	=	brass tower	bolts (t	parrel ty	vpe) with n	ecessary s	crews
			Ground	Floor				
	Door; D/W 100x210	4					4.000	
			FIRST F	LOOR				
	D/W 100x210	4					4.000	
					Tota	al Quantity	8.000 no	
				Total	Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	8.000 no	
		Say 8.000 no @ Rs 269.27 / no					Rs 21	54.16
	Providing and fixing complete:100x10 mn	rpe) with n	ecessary s	crews				
	Door; D/W 100x210	4	基础	833	130	1	4.000	
	1	74470	FIRST F	LOOR		5	1	
	D/W 100x210	4	Swell of the	24			4.000	
	C	ther Engin	neering C	rgan	isa To ta	al Quantity	8.000 no	
			T	Total	Deducte	d Quantity	0.000 no	
		PK			Net Tota	al Quantity	8.000 no	
			Say 8	.000 no	@ Rs 1	35.59 / no	Rs 14	184.72
45	9.76 Providing and fixing br handles of approved q	_		c. comp		ock with 6 le	vers and a p	pair of lo
	Door; D/W 100x210	4					4.000	
			FIRST F	LOOR				
	D/W 100x210	4					4.000	
					Tota	al Quantity	8.000 no	
				Total	Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	8.000 no	
			Say 8	.000 no	@ Rs 8	28.57 / no	Rs 66	28.56
46	9.53	iron hold fast 40	am lana inali.	.r			mm diamata	

			(Ground Floo	r				
	Door; D/W 100x210	24					24.000		
	D001, D/W 100X210	24	 	IRST FLOO			24.000		
	D/W 100x210	24		IKSTTLOO			24.000		
	D/W 100X210	24			Tota	al Quantity	48.000 ea	ıch	
				To		-	0.000 eac		
				10	tal Deducte	al Quantity			
		<u> </u>							
47	Say 48.000 each @ Rs 208.35 / each Rs 10000.80 od166463/2022_2023 OD Melamine polishing on wood work (one or more coat) for new work								
		1	GR	OUND FLO	OR	<u> </u>	1		
	D/W 100x210	4	1.000	27/7	2.100	2.6	21.841		
	W1 60x150	4	0.600		1.500	1.6	5.760		
	FIRST FLOOR								
	D/W 100x210	4	1.000	in al	2.100	2.6	21.841		
	W1 60x150	4 ther Er	0.600	ng Org	1.500	1.6	5.760		
		unci Li	igiliccii	ng Oiga	Tota	al Quantity	55.202 sq	m	
			2	То	tal Deducte	d Quantity	0.000 sqm	า	
					Net Tota	al Quantity	55.202 sq	m	
			Sa	y 55.202 sqr	n @ Rs 193	.07 / sqm	Rs 10657.8		
48	od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polishing on wood work with two coafter preparing base rubbing and cleaning emery paper, filling holes and finishing the surface with coand melamine ceiler two coats including all cost and labour charges etc. complete br>								
		T	GR	OUND FLO	OR		T		
	D/W 100x210	4	1.000		2.100	2.6	21.841		
	W1 60x150	4	0.600		1.500	1.6	5.760		
		T	F	IRST FLOO	R		1	T	
	D/W 100x210	4	1.000		2.100	2.6	21.841		
	W1 60x150	4	0.600		1.500	1.6	5.760		
					Tota	al Quantity	55.202 sq	m	

			Net Tota	al Quantity	55.202 sqr	m
		Say	/ 55.202 sqm @ Rs 306	6.00 / sqm	Rs 168	891.81
49	9.119 Providing and fixing factory made out of extruded 5 mm long brackets of 15x15 mm mm M.S. square tube of 19 frame. The door fame to be manufacturer's specification.	n rigid PVC foam sl M.S. square tube, t 9 gauge, EPDM rul be fixed to the wall	heet, mitred at corners the vertical door frame bber gasket weather so using M.S. screws of	and joined profiles to be eal to be pr	with 2 Nos. e reinforced ovided throu	of 150 m with 19x ugh out th
		C	Ground Floor			
	Toilet Door; D2 80x210	3 5.800			17.400	
		JAF	IRST FLOOR			
	Toilet Door- D2 80x210	4 5.800			23.200	
		A LINE	Tota	al Quantity	40.600 me	etre
	2)	8 D.19	Total Deducte	d Quantity	0.000 met	re
	14		Net Tota	al Quantity	40.600 me	etre
50	9.120.1 Providing and fixing factory	630	0.600 metre @ Rs 455.2			483.56 S. tubes
50	Providing and fixing factory 19 gauge thickness and size frame shall have a coat of some thick heat moulded PVI be flat and 20 mm shall be to wide PVC sheet out of whice rail and 115 mm wide PVC sides to form lock rail. Top mmx2) thick, 20 mm wide co 5 mm thick both side PVC mm (5 mm + 2 mm) thick solvent cement adhesive. A side of the 'C' Channel using	made panel PVC of the panel PVC of the primers of approximate primers and lock pross PVC sheet be sheet to be fitted in a x 15 mm wide PV an additional 5 mm to g PVC solvent adher	door shutter consisting of mm for styles and 15x proved make and manue 30 mm thickness, 70 e angle on both side for pered in 45 degree on the 75 mm shall be flat arrails shall be provided provided as gap insert for the M.S. frame welded C sheet beading on in hick PVC strip of 20 mm esive etc. complete as provided as gap insert for the manual control of the manual control	of frame mand to facture. M.S. mm width or ming styles the inner side of the factor top rail & I /sealed to mer side, are mydth is to per direction	de out of M. op & bottom S. frame cover of which 5 and 5 mm the to form top and be taper of the panel. bottom rail. the styles & and joined tog be stuck on	S. tubes rails. Mered with 0 mm sh ick, 95 n and botto ed on bo 10 mm paneling rails with gether w the inter
50	Providing and fixing factory 19 gauge thickness and size frame shall have a coat of somm thick heat moulded PVI be flat and 20 mm shall be so wide PVC sheet out of whice rail and 115 mm wide PVC sides to form lock rail. Top mmx2) thick, 20 mm wide co 5 mm thick both side PVC so mm (5 mm + 2 mm) thick solvent cement adhesive. A	made panel PVC of zed of 19 mm x 19 steel primers of app C 'C' channel of siztapered in 45 degresh75 mm shall be tall sheet out of which of bottom and lock ross PVC sheet be sheet to be fitted in x 15 mm wide PV an additional 5 mm to g PVC solvent adher & drawing 30 mm to g end of the point	door shutter consisting of mm for styles and 15x proved make and manuele 30 mm thickness, 70 e angle on both side for pered in 45 degree on the 75 mm shall be flat arrails shall be provided provided as gap insert of the M.S. frame welded to sheet beading on in hick PVC strip of 20 mm esive etc. complete as phick plain PVC door sheet beating the shall be strip of 20 mm esive etc.	of frame mand to facture. M.S. mm width or ming styles the inner side of the factor top rail & I /sealed to mer side, are mydth is to per direction	de out of M. op & bottom S. frame cover of which 5 and 5 mm the to form top and be taper of the panel. bottom rail. the styles & and joined tog be stuck on	S. tubes rails. Mered with 0 mm sh ick, 95 n and botto ed on bo 10 mm paneling rails with gether w the inter
50	Providing and fixing factory 19 gauge thickness and size frame shall have a coat of some thick heat moulded PVI be flat and 20 mm shall be to wide PVC sheet out of whice rail and 115 mm wide PVC sides to form lock rail. Top mmx2) thick, 20 mm wide co 5 mm thick both side PVC mm (5 mm + 2 mm) thick solvent cement adhesive. A side of the 'C' Channel using	made panel PVC of zed of 19 mm x 19 steel primers of app C 'C' channel of siztapered in 45 degresh75 mm shall be tall sheet out of which of bottom and lock ross PVC sheet be sheet to be fitted in x 15 mm wide PV an additional 5 mm to g PVC solvent adher & drawing 30 mm to g end of the point	door shutter consisting of mm for styles and 15x proved make and manue 30 mm thickness, 70 e angle on both side for pered in 45 degree on the 75 mm shall be flat arrails shall be provided provided as gap insert for the M.S. frame welded C sheet beading on in hick PVC strip of 20 mm esive etc. complete as provided as gap insert for the manual control of the manual control	of frame mand to facture. M.S. mm width or ming styles the inner side of the factor top rail & I /sealed to mer side, are mydth is to per direction	de out of M. op & bottom S. frame cover of which 5 and 5 mm the to form top and be taper of the panel. bottom rail. the styles & and joined tog be stuck on	S. tubes rails. Mered with mered with mered with mered on be med o
50	Providing and fixing factory 19 gauge thickness and siz frame shall have a coat of s mm thick heat moulded PV be flat and 20 mm shall be t wide PVC sheet out of whice rail and 115 mm wide PVC sides to form lock rail. Top mmx2) thick, 20 mm wide c 5 mm thick both side PVC s mm (5 mm + 2 mm) thick solvent cement adhesive. A side of the 'C' Channel usin manufacture's specification Toilet Door; D2	made panel PVC of zed of 19 mm x 19 steel primers of app C 'C' channel of siztapered in 45 degree th75 mm shall be tall sheet out of which or, bottom and lock ross PVC sheet be sheet to be fitted in x 15 mm wide PV an additional 5 mm to g PVC solvent adher & drawing.30 mm to C	door shutter consisting of mm for styles and 15x proved make and manue and make and manue and make and both side for pered in 45 degree on the 75 mm shall be flat arrails shall be provided provided as gap insert of the M.S. frame welded to sheet beading on in hick PVC strip of 20 mm periods as particles and provided as gap insert of the M.S. frame welded the M.S. frame well and M.S. frame welded the M.S. frame well and M	of frame mand to facture. M.S. mm width or ming styles the inner side of the factor top rail & I /sealed to mer side, are mydth is to per direction	ide out of M. op & bottom S. frame cover ut of whicj 5 and 5mm the to form top and be taper of the panel. bottom rail. the styles & and joined tog be stuck on of Engineer	S. tubes rails. M ered with 0 mm sh ick, 95 n and botto ed on bo 10 mm paneling rails with gether w the inter

					Tota	I Quantity	11.762 sq	m
				To	otal Deducted		0.000 sqn	
						I Quantity	11.762 sq	
			Say	11.762 sqm	n @ Rs 2816.	99 / sqm		133.44
51	5.47.1 Providing and fixing in smooth finish as per I stirrups placed @ 200 hinges including provid fully threaded bolts for sliding door bolts and to hold fast and cc block of meter correct to two place.	S:6523 with mm CC nat ling 6 no specifixing hold to come the first transfer of 1:3:6 mix	n reinforcer d 6 number secially desi fast on verti c all comple is also incli	ment of 3 N rs high strer gned M.S g cal member ete, as per th uded in the	los, 6 mm dingth polymeralvanised sless, providing sine direction citem.) The fra	a main band band be a main band band band band band band band ban	rs tied with required size accomodation rangement for in charge.	3 mm M.S ze for fixing g 6 mm dia or receiving (The cost of
			1.0	Ground Floo	or			T
	Window; W1 60x150	4	4.200	¥ X	1		16.800	
	W2 120x150	12	6.900	23/2	131		82.801	
	W2' 100x110	4	8.000		1 50	L.	32.000	
	W3 180x150	1	9.600				9.600	
	Ventilator; V 60x60	4	2.400	in 0.1-2.7			9.600	
	Door; D1 90x210	the ¹² En	5.100	ng Orga	anisatio	ns	61.200	
		D	F	IRST FLOO	OR		1	
	Window - W1 60x150	4	4.200				16.800	
	W2 120x150	12	6.900				82.801	
	W2' 100x110	4	8.000				32.000	
	W3 180x150	1	9.600				9.600	
	Ventilator- V 60x60	4	2.400				9.600	
	Door - D1 90x210	12	5.100				61.200	
			TEI	RRACE FLO	OOR			
	Window frame- W3 180x150	1	9.600				9.600	
					Tota	I Quantity	433.602 n	netre
				To	otal Deducted	I Quantity	0.000 met	tre
					Net Tota	I Quantity	433.602 n	netre
			Say 43	3.602 metre	@ Rs 757.0	0 / metre	Rs 328	8236.71
52	21.1.1.3 Providing and fixing alu	ıminium wo	rk for doors	, windows, v	ventilators ar	nd partition	s with extru	ded built up

	standard tubular section 733 and IS: 1285, fixing gaps at junctions, i.e. Aluminium sections some required including clear screws, all complete a paneling and dash far aluminium (minimum)	ng with dash at top, bo hall be smo t angle, Alur as per archi steners to	n fasteners of ttom and sooth, rust fi minnium sna tectural dra be paid for	of required of ides with respect to the contract of the contra	dia and size equired EPI	, including (DM rubber/ad jointed neareling, C.Ins of Engine portionPol	necessary fi neoprene nechanically P. brass/ sta eer-in-charg	lling up the gasket etc. y wherever inless steel je.(Glazing,	
			(Ground Floo	r				
	Door ; D1' 90x210	1	0.900	1.900	2.100		3.591		
					Tota	al Quantity	3.591 kg		
				То	tal Deducte	d Quantity	0.000 kg		
				195	Net Tota	al Quantity	3.591 kg		
			6.0	Say 3.591	kg @ Rs 5	40.22 / kg	Rs 19	939.93	
53	od166465/2022_2023 Modified 21.2.2 Providing and fixing 4 mm thick ACP sheet conforming to IS: 12823 Grade I Type II, i panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless stee screws etc. complete as per architectural drawings and directions of Engineer - in- Charge. br>								
				ROUND FLO					
	D1' 90x210	1 1	0.900	10 C O 10	2.100	10.0	1.891		
		uner En	gineeri		anisator		1.891 sqm		
			2	То	tal Deducte	—	0.000 sqm		
	Net Total Quantity 1.891 sqm								
			Sa	y 1.891 sqm	@ Rs 2074	25 / sqm	Rs 39	922.41	
54	21.1.2.3 For shutters of doors, provision for fixing of required (Fittings shall polyester powder coati	fittings whe be paid for	rever requi separately)l	red including	g the cost of	of EPDM rul	bber/ neopr	ene gasket	
				Ground Floo	r				
	Window; W1 60x150	4	0.600		1.500	4.8	17.280		
	W2 120x150	12	1.200		1.500	4.8	103.680		
	W2' 100x110	4	1.000		1.100	4.8	21.120		
	W3 180x150	1	1.800		1.500	4.8	12.960		
	Ventilator; V 60x60	4	0.600		0.600	7.2	10.368		
		ı	F	IRST FLOO	R				
	Window; W1 60x150	4	0.600		1.500	4.8	17.280		

W2 120x150	12	1.200	1.500	4.8	103.680	
W2' 100x110	4	1.000	1.100	4.8	21.120	
W3 180x150	1	1.800	1.500	4.8	12.960	
Ventilator; V 60x60	4	0.600	0.600	7.2	10.368	
		TERRAC	E FLOOR			
Window frame - W3 180x150	1	1.800	1.500	4.8	12.960	
			Total	Quantity	343.776 kg	l
			Total Deducted	Quantity	0.000 kg	
		1.25 90.25	Net Total	Quantity	343.776 kg	l
		Say 3	43.776 kg @ Rs 64	5.13 / kg	Rs 221	780.21
rubber / neoprene gask in -Charge. (Cost of al mm thickness		snap beading shal				-
Window; W1 60x150	4	0.600	1.500		3.600	
W2 120x150	12	1.200	1.500		21.600	
W2' 100x110	ther E	1.000	Organisation 1.100	1S	4.400	
W3 180x150	D_1	1.800	1.500	1	2.700	
	4	0.600	0.600	1	1.440	
Ventilator: V 60x60		0.000	0.000			
Ventilator; V 60x60		FIRST	FLOOR			
	4	FIRST 0.600	FLOOR 1.500		3.600	
Ventilator; V 60x60 Window; W1 60x150 W2 120x150					3.600 21.600	
Window; W1 60x150	4	0.600	1.500			
Window; W1 60x150 W2 120x150	4 12	0.600	1.500 1.500		21.600	
Window; W1 60x150 W2 120x150 W2' 100x110	4 12 4	0.600 1.200 1.000	1.500 1.500 1.100		21.600	
Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150	4 12 4 1	0.600 1.200 1.000 1.800 0.600	1.500 1.500 1.100 1.500		21.600 4.400 2.700	
Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150	4 12 4 1	0.600 1.200 1.000 1.800 0.600	1.500 1.500 1.100 1.500 0.600		21.600 4.400 2.700	
Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Window frame - W3	4 12 4 1 4	0.600 1.200 1.000 1.800 0.600	1.500 1.500 1.100 1.500 0.600 CE FLOOR	Quantity	21.600 4.400 2.700 1.440	n
Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Window frame - W3	4 12 4 1 4	0.600 1.200 1.000 1.800 0.600	1.500 1.500 1.100 1.500 0.600 CE FLOOR		21.600 4.400 2.700 1.440 2.700	n
Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Window frame - W3	4 12 4 1 4	0.600 1.200 1.000 1.800 0.600	1.500 1.500 1.100 1.500 0.600 EF FLOOR 1.500	Quantity	21.600 4.400 2.700 1.440 2.700 70.180 sqn	

56	9.100.1 Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 1 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etcomplete:125 mm									
			(Ground Floo	r					
	Window; W1 60x150	4					4.000			
	W2 120x150	24					24.000			
	W2' 100x110	8					8.000			
	W3 180x150	3					3.000			
			F	IRST FLOO	R					
	Window; W1 60x150	4	0	(2)			4.000			
	W2 120x150	24	1900				24.000			
	W2' 100x110	8	8.8 M		7		8.000			
	W3 180x150	3	W. B.	5. N	713		3.000			
		18	TEF	RRACE FLO	OR	1				
	Window - W3 180x150	3		160	والوراد	_	3.000			
	76				Tota	al Quantity	81.000 no			
			No.		tal Deducte		0.000 no			
	0	ther En	gineeri	ng Orga	Net Tota	al Quantity	81.000 no			
				Say 81.00	0 no @ Rs 6	69.29 / no	Rs 56	612.49		
57	9.48.1 Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows welding									
			(Ground Floo	r					
	Window; W1 60x150	8	0.600		1.500	20.0	144.000			
	W2 120x150	12	1.200		1.500	20.0	432.000			
	W2' 100x110	4	1.000		1.100	20.0	88.000			
	W3 180x150	1	1.800		1.500	20.0	54.000			
	W3 180x150 Ventilator; V 60x60	1 4	1.800 0.600		1.500 0.600	20.0	54.000 28.800			
			0.600	IRST FLOO	0.600					
			0.600	IRST FLOO	0.600					
	Ventilator; V 60x60	4	0.600 F	IRST FLOO	0.600 R	20.0	28.800			
	Ventilator; V 60x60 Window; W1 60x150	8	0.600 F 0.600	IRST FLOO	0.600 R 1.500	20.0	28.800			

	Ventilator; V 60x60	4	0.600		0.600	20.0	28.800	
			TEI	RRACE FLO	OOR	T	T	
	Window - W3 180x150	1	1.800		1.500	20.0	54.000	
					Tota	al Quantity	1547.600	kg
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	1547.600	kg
			S	ay 1547.600) kg @ Rs 1	92.15 / kg	Rs 297	7371.34
58	11.41.2 Providing and laying vit with water absorption le shades, laid on 20 mm with white cement and	ss than 0. thick cem	08% and con ent mortar 1	forming to I :4(1 cemen	S : 15622, o t : 4 coarse	f approved sand), inclu	make, in all olding grouting	colours
			6.0	Ground Floo	or			
	Stair bottom area cum passage	1	10.120	2.530			25.604	
	Stair ; Step	17	1.250	0.300	133	4	6.375	
		2	0.780	\$600 X			1.560	area
	Mid Landing	1	1.250	1.250	D.C.		1.563	
	Outer Steps	ther Fu	1.500	0.300	anicatio	ns	3.600	
	Kitchen slab	4	3.580	0.600			8.592	
			F	IRST FLOC)R	1	I	Г
	Passage	1	16.160			_	16.160	Area
	Stair ; Step	17	1.250	0.300			6.375	
		2	0.780				1.560	area
	Mid Landing	1	1.250	1.250			1.563	
	Kitchen slab	4	3.580	0.600			8.592	
			TEI	RRACE FLO	OOR	<u> </u>		
	Stair case landing	1	2.530	1.340			3.391	
					Tota	al Quantity	84.935 sq	m
				To	otal Deducte	d Quantity	0.000 sqm	1
					Net Tota	al Quantity	84.935 sq	

			(Ground Floo	r			
	Stair bottom area cum passage	1	22.770		0.100		2.277	
	Stair ; Step	19	0.450		0.100		0.856	
	Mid Landing	1	2.500		0.100		0.250	
		19	1.250		0.150		3.563	
		1	3.030		0.150		0.455	
		12	1.500		0.150		2.700	
			. €E	IRST FLOO	R			
	passage	1	12.780	W.S.	0.100		1.278	
	Stair ; Step	19	0.450	8 4	0.100		0.856	
		/1	3.030	53/1	0.100		0.303	
	Mid Landing	1	2.500		0.100	4	0.250	
		19	1.250	LOY.	0.150	and the same	3.563	
		1	3.030	0 0	0.150		0.455	
		41 T		RRACE FLC	OR		,	
	Skirting- Stair case landing	ther Er	5.210	ng Orga	0.100	ns	0.521	
					Tota	al Quantity	17.327 sq	m
				To	tal Deducte	d Quantity	0.000 sqm	1
					Net Tota	al Quantity	17.327 sq	m
			Say	17.327 sqm	@ Rs 1796	6.94 / sqm	Rs 31	135.58
60	16.90 Providing and laying ta having with water absorand shades in for outdethick base of cement me joints with white cement Charge.	rption less oor floors s ortar 1:4 (1	than 0.5% ar such as footp cement : 4 c	nd conforming court yourselves and	ng to IS: 150 /ard, multi r) in all shap	622 of appromodals loca es & pattern	oved make in tion etc., lains including q	n all colo d on 20 grouting
			(Ground Floo	r			
	Ramp	1	5.400	2.530			13.662	

			Say	13.662 sqn	n @ Rs 2247	.85 / sqm	Rs 307	10.13
61	11.37 Providing and laying C manufacturer), of 1st qu Grey, Fume Red Brown pointing the joints with	uality confo n, laid on 2	rming to IS:	15622, of a cement mo	approved mal ortar 1:4 (1 C	ke, in coloui ement : 4 C	rs such as W	hite, Ivo
				Toilet - GF	:			
	Floor; House 1 - Toilet	1	1.380	1.970			2.719	
	House 2 - Toilet	1	1.380	1.970			2.719	
	House 3 - Toilet	1	1.530	1.970			3.015	
	House 4 - Toilet	1	1.380	1.970			2.719	
				Toilet - FF				
	Floor; House 1 - Toilet	1	1.380	1.970			2.719	
	House 2 - Toilet	1	1.380	1.970	7 13		2.719	
	House 3 - Toilet	(1	1.530	1.970	1-2		3.015	
	House 4 - Toilet	(/1)	1.380	1.970		1	2.719	
	- 1			Ground Floo	or	h		
	House 1; Living	1	3.200	3.270			10.464	
	W/area	ther Er	gi1.32011	ng.490g	anisatio	ns	1.967	
	Kitchen	1	3.540	1.580	7 T		5.594	
	Bed Room 1	1	2.690	3.000			8.070	
	Bed Room 2	1	2.570	3.000			7.710	
	Bed area front	1	1.380	1.130			1.560	
	House 2; Living	1	3.200	3.270			10.464	
	W/area	1	1.320	1.490			1.967	
	Kitchen	1	3.540	1.580			5.594	
	Bed Room 1	1	2.690	3.000			8.070	
	Bed Room 2	1	2.570	3.000			7.710	
	Bed area front	1	1.380	1.130			1.560	
	House 3; Living	1	3.200	3.270			10.464	
	W/area	1	1.320	1.490			1.967	
	Kitchen	1	3.540	1.580			5.594	
	Bed Room 1	1	2.580	3.000			7.740	
	Bed Room 2	1	2.530	3.000			7.590	

Bed area front	1	1.670	1.130			1.888	
House 4; Living	1	3.200	3.270			10.464	
W/area	1	1.320	1.490			1.967	
Kitchen	1	3.540	1.580			5.594	
Bed Room 1	1	2.690	3.000			8.070	
Bed Room 2	1	2.570	3.000			7.710	
Bed area front	1	1.380	1.130			1.560	
		F	IRST FLOC	DR .			
House 1; Living	1	3.200	3.270			10.464	
W/area	1	1.320	1.490			1.967	
Kitchen	1	3.540	1.580			5.594	
Bed Room 1	1	2.690	3.000			8.070	
Bed Room 2	1	2.570	3.000	7 13		7.710	
Bed area front	1	1.380	1.130	1-2		1.560	
House 2; Living	1	3.200	3.270		Ĭ.	10.464	
W/area	1	1.320	1.490			1.967	
Kitchen	1	3.540	1.580			5.594	
Bed Room 1	Other E	gi2.6901i	ng3.000g	anisatio	ns	8.070	
Bed Room 2	1	2.570	3.000	7 T	7	7.710	
Bed area front	1	1.380	1.130		1	1.560	
House 3; Living	1	3.200	3.270			10.464	
W/area	1	1.320	1.490			1.967	
Kitchen	1	3.540	1.580			5.594	
Bed Room 1	1	2.580	3.000			7.740	
Bed Room 2	1	2.530	3.000			7.590	
Bed area front	1	1.670	1.130			1.888	
House 4; Living	1	3.200	3.270			10.464	
W/area	1	1.320	1.490			1.967	
Kitchen	1	3.540	1.580			5.594	
Bed Room 1	1	2.690	3.000			8.070	
Bed Room 2	1	2.570	3.000			7.710	
Bed area front	1	1.380	1.130			1.560	
				Tota	I Quantity	305.020 sqn	 n

				Total Deducted Qu	antity 0.000 sqm					
				Net Total Qu	antity 305.020 sq	m				
			Say 3	05.020 sqm @ Rs 1077.43 /	sqm Rs 3286	37.70				
62	8.31 Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622(thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineerin-Charge, in skirting, risers of steps and dados, over 12 mm thick be of cementmortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3kg per squincluding pointing in white cement mixed with pigment of matchingshade complete.									
		T	Toile	et -Ground Floor						
	Toilet Wall; House 1 -	1	6.700	2.100	14.070					
	House 2 - Toilet	1	6.700	2.100	14.070					
	House 3 - Toilet	1	7.000	2.100	14.701					
	House 4 - Toilet	1	6.700	2.100	14.070					
	Wall ; Kitchen	4	4.180	0.450	7.524					
		101	Dedu	ction for opening						
	D1' 90x210	1	0.900	2.100	-1.890					
	D2 80x210	3	0.800	2.100	-5.040					
	C	ther E	ngineeri	ng ()rganisations ilet-First Floor						
	Wall; House 1 - Toilet	1	6.700	2.100	14.070					
	House 2 - Toilet	1	6.700	2.100	14.070					
	House 3 - Toilet	1	7.000	2.100	14.701					
	House 4 - Toilet	1	6.700	2.100	14.070					
			First Floor-	Deduction for opening						
	D2 80x210	4	0.800	2.100	-6.720					
			(Ground Floor						
	Skirting- House 1; Living	1	12.940	0.100	1.294					
	W/area	1	4.130	0.100	0.414					
	Kitchen	1	8.440	0.100	0.844					
	Bed Room 1	1	11.140	0.100	1.114					
	Bed Room 2	1	11.380	0.100	1.139					
	Bed area front	1	1.380	0.100	0.138					
	House 2; Living	1	12.940	0.100	1.294					

W/area	1	4.130	0.100	0.414
Kitchen	1	8.440	0.100	0.844
Bed Room 1	1	11.060	0.100	1.106
Bed Room 2	1	11.060	0.100	1.106
Bed area front	1	1.670	0.100	0.167
House 3; Living	1	12.940	0.100	1.294
W/area	1	4.130	0.100	0.414
Kitchen	1	8.440	0.100	0.844
Bed Room 1	1	11.140	0.100	1.114
Bed Room 2	1	11.380	0.100	1.139
Bed area front	1	1.380	0.100	0.138
House 4; Living	1	12.940	0.100	1.294
W/area	1	4.130	0.100	0.414
Kitchen	1	8.440	0.100	0.844
Bed Room 1	1	11.140	0.100	1.114
Bed Room 2	1	11.380	0.100	1.139
Bed area front	1	1.380	0.100	0.138
	Other Er	ngineer i	IRST ELOORNISations	
Skirting- Hous	se 1;	12.940	0.100	1.294
W/area	1	4.130	0.100	0.414
Kitchen	1	8.440	0.100	0.844
Bed Room 1	1	11.140	0.100	1.114
Bed Room 2	1	11.380	0.100	1.139
Bed area front	1	1.380	0.100	0.138
House 2; Living	1	12.940	0.100	1.294
W/area	1	4.130	0.100	0.414
Kitchen	1	8.440	0.100	0.844
Bed Room 1	1	11.060	0.100	1.106
Bed Room 2	1	11.060	0.100	1.106
Bed area front	1	1.670	0.100	0.167
House 3; Living	1	12.940	0.100	1.294
W/area	1	4.130	0.100	0.414

	Kitchen	1	8.440	0.100		0.844				
	Bed Room 1	1	11.140	0.100		1.114				
	Bed Room 2	1	11.380	0.100		1.139				
	Bed area front	1	1.380	0.100		0.138				
	House 4; Living	1	12.940	0.100		1.294				
	W/area	1	4.130	0.100		0.414				
	Kitchen	1	8.440	0.100		0.844				
	Bed Room 1	1	11.140	0.100		1.114				
	Bed Room 2	1	11.380	0.100		1.139				
	Bed area front	1	1.380	0.100		0.138				
				Total Q	Quantity	160.866 s	qm			
			5 / III \	Total Deducted Q	Quantity	-13.650 sc	mp			
				Net Total Q	Quantity	147.216 s	qm			
	Say 147.216 sqm @ Rs 1197.67 / sqm Rs 176316.19									
63	od166466/2022_2023 Providing PVC Tile be charges etc complete	- L	he edges and cor	ners of tile work incl	luding cos	st conveya	ince labo			
63	Providing PVC Tile be	- L	GROUNI ngineering	o FLOOR Organisations 2.100		st conveya	ince labo			
63	Providing PVC Tile be charges etc complete Edge beading	ther E	GROUNI ngineering	o FLOOR Organisations 2.100 FLOOR		33.600	ince labo			
63	Providing PVC Tile be charges etc complete	ther E	GROUNI ngineering	FLOOR 2.100	5					
63	Providing PVC Tile be charges etc complete Edge beading	ther E	GROUNI ngineering	FLOOR 2.100	Quantity	33.600	etre			
63	Providing PVC Tile be charges etc complete Edge beading	ther E	GROUNI ngineering	FLOOR 2.100 FLOOR 2.100 Total Q	Quantity	33.600 33.600 67.200 me	etre re			
63	Providing PVC Tile be charges etc complete Edge beading	ther E	GROUNI ngineering FIRST	FLOOR 2.100 FLOOR 2.100 Total Q Total Deducted Q	Quantity Quantity Quantity	33.600 33.600 67.200 met 0.000 met	etre re			
63	Providing PVC Tile be charges etc complete Edge beading	ther E	Say 67.200 approved size by ss, including apply	Total Q Net Total Q metre @ Rs 58.03 / welding etc. to stee	Quantity Quantity Quantity metre	33.600 33.600 67.200 met 67.200 met Rs 38 ailing, balo	etre re etre 399.62			
	Edge beading Edge beading 10.26.1 Providing and fixing h	ther E	Say 67.200 approved size by ss, including apply	Total Q Net Total Q metre @ Rs 58.03 / welding etc. to stee ing priming coat of a	Quantity Quantity Quantity metre	33.600 33.600 67.200 met 67.200 met Rs 38 ailing, balo	etre re etre 399.62			
	Edge beading Edge beading 10.26.1 Providing and fixing h staircase railing and s	ther E	Say 67.20 approved size by ss, including apply	Total Q Net Total Q metre @ Rs 58.03 / welding etc. to stee ing priming coat of a	Quantity Quantity Quantity metre I ladder rapproves s	33.600 33.600 67.200 met 67.200 met 67.200 met ailing, balosteel prime	etre re etre 399.62			
	Edge beading Edge beading 10.26.1 Providing and fixing h staircase railing and s	and rail of similar work	Say 67.200 approved size by Groun 7.214 1.580	Total Q Net Total Q metre @ Rs 58.03 / welding etc. to stee ing priming coat of a	Quantity Quantity Quantity metre I ladder rapproves s	33.600 33.600 67.200 met 67.200 met 67.200 met 86.569	etre re etre 399.62			
	Edge beading Edge beading 10.26.1 Providing and fixing h staircase railing and s	and rail of similar work	Say 67.200 approved size by Groun 7.214 1.580	Total Q Total Q Net Total Q Net Total Q welding etc. to stee ing priming coat of a d d Floor	Quantity Quantity Quantity metre I ladder rapproves s	33.600 33.600 67.200 met 67.200 met 67.200 met 86.569	etre re etre 399.62			

	Balcony	4	1.500			12.0	72.000	
					Tota	al Quantity	349.657 k	g
				То	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	349.657 k	g
			(Say 349.657	kg @ Rs 16	69.32 / kg	Rs 59	203.92
65	10.26.3 Providing and fixing has staircase railing and si			•	J		•	, ,
			(Ground Floo	r			
	Stair	1	7.214			7.0	50.499	
	Ramp	2	1.580	B.		7.0	22.120	
				First Floor				
	Stair	1	10.264	8 2	1	7.0	71.848	
	Passage	1	2.500	59 /X	[7]	7.0	17.500	
	Balcony	4	1.500		100	7.0	42.000	
		100	500	Jay.	Tota	al Quantity	203.967 k	g
		100		То	tal Deducte	d Quantity	0.000 kg	
		4 1	A A	a anto	Net Tota	al Quantity	203.967 k	g
	O	ther En	igineeri	Say 203.967	kg @ Rs 18	11S 33.71 / kg	Rs 37	470.78
66	13.43.1 Applying one coat of surface:Water thinnal			ent primer o	of approved	brand and	d manufactu	ure on wall
			(Ground Floo	r			
	Quantity same as plastering	1	1199.690				1199.690	
			I	First Floor			I	
	Quantity same as plastering	1	1140.990				1140.990	
			٦	Γerrace Floo	r			
							297.882	
	Quantity same as plastering	1	297.882				297.002	
	•	1	297.882		Tota	al Quantity	2638.562	sqm
	•	1	297.882	То	Tota	<u> </u>		•
	•	1	297.882	То	tal Deducte	<u> </u>	2638.562	1

	13.60.1 Wall painting with acryl or more coats on new v		n paint of appro	oved brand and manufactu	re to give an even shade:T				
			Gro	ound Floor					
	Quantity same as Cement primer	1	1199.690		1199.690				
			F	irst Floor					
	Quantity same as Cement primer	1	1140.990		1140.990				
			Tei	rrace Floor					
	Quantity same as Cement primer	1	297.882		297.882				
			-/NW	Total Qua	antity 2638.562 sqm				
			C-3 (M)	Total Deducted Qua	antity 0.000 sqm				
		11		Net Total Qua	antity 2638.562 sqm				
	Say 2638.562 sqm @ Rs 149.50 / sqm								
68		-		ed brand and manufacture er an under coat of suitable					
		re coats o	n new work over	er an under coat of suitable					
	even shade:Two or mo	re coats o	n new work over	er an under coat of suitable g Organisations					
	even shade:Two or mo approved brand and m	ore coats of anufacture	n new work over	er an under coat of suitable Organisations ound Floor	e shade with ordinary pain				
	even shade:Two or mo approved brand and m Window; W1 60x150	anufacture	on new work over	er an under coat of suitable g Organisations ound Floor 1.500	shade with ordinary pain 7.200				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150	anufacture 8	0.600 1.200	er an under coat of suitable Granisations ound Floor 1.500 1.500	7.200 21.600				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110	anufacture 8 12 4	0.600 1.200 1.000	er an under coat of suitable g Organisations ound Floor 1.500 1.100	7.200 21.600 4.400				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150	8 12 4	0.600 1.200 1.800	er an under coat of suitable g Organisations ound Floor 1.500 1.100 1.500	7.200 21.600 4.400 2.700				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60	8 12 4 1	0.600 1.200 1.800 0.600	er an under coat of suitable g Organisations ound Floor 1.500 1.100 1.500 0.600	7.200 21.600 4.400 2.700 1.440				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Hand rail; Stair	8 12 4 1 4	0.600 1.200 1.800 0.600 7.214 1.580	er an under coat of suitable g Organisations ound Floor 1.500 1.100 1.500 0.600 1.200	7.200 21.600 4.400 2.700 1.440 8.657				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Hand rail; Stair	8 12 4 1 4	0.600 1.200 1.800 0.600 7.214 1.580	1.500 1.500 1.500 1.500 1.200	7.200 21.600 4.400 2.700 1.440 8.657				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Hand rail; Stair Ramp	8 12 4 1 4 2	0.600 1.200 1.800 0.600 7.214 1.580	2	7.200 21.600 4.400 2.700 1.440 8.657 3.792				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Hand rail; Stair Ramp	8 12 4 1 4 1 2	0.600 1.200 1.800 0.600 7.214 1.580 F	2	7.200 21.600 4.400 2.700 1.440 8.657 3.792				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Hand rail; Stair Ramp Window; W1 60x150 W2 120x150	8 12 4 1 4 1 2	0.600 1.200 1.800 0.600 7.214 1.580 F 0.600 1.200	er an under coat of suitable g Organisations ound Floor 1.500 1.500 1.500 0.600 1.200 1.200 1.500 1.500 1.500	7.200 21.600 4.400 2.700 1.440 8.657 3.792 7.200 21.600				
	even shade:Two or mo approved brand and m Window; W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator; V 60x60 Hand rail; Stair Ramp Window; W1 60x150 W2 120x150 W2' 100x110	8 12 4 1 2 8 12 4 4	0.600 1.200 1.800 0.600 7.214 1.580 0.600 1.200 1.000	er an under coat of suitable g Organisations ound Floor 1.500 1.100 1.500 0.600 1.200 1.200 1.500 1.100 1.500 1.100	7.200 21.600 4.400 2.700 1.440 8.657 3.792 7.200 21.600 4.400				

		4	0.500		4 000		2.000	
	passage	1	2.500		1.200		3.000	
	Balcony	4	1.500		1.200		7.200	
	MO Davis B4 400, 040	4		errace Floo		0.05	5.070	
	MS Door; D4 120x210	1	1.200		2.100	2.25	5.670	
	Window; W3 180x150	1	1.800		1.500		2.700	
				_		al Quantity	118.016 s	•
				10	otal Deducte	•	0.000 sqn	
				110.010		al Quantity	118.016 s	
SI No	Description	No	Say	118.016 sqi	m @ Rs 205	0.94 / sqm CF	Quantity	304.22 Remark
31110	Description	NO	2 Type B -	.60		OI .	Quantity	Kemark
1	2.28.1 Surface dressing of th deep and disposal of r	•	ad up to 50	0 0	p to 1.5 m./			ding 15 cr
		1	18.030	8.500	عرابار	_	153.255	
					Tota	al Quantity	153.255 s	qm
			No.	To	tal Deducte	d Quantity	0.000 sqn	1
	0	ther Er	ngineeri	ng Orga	an Net Tota	al Quantity	153.255 s	qm
			Say	/ 153.255 sc	qm @ Rs 28	3.32 / sqm	Rs 43	340.18
2	2.9.1 Excavation work by medrains (not exceeding bottoms, lift up to 1.5 mas directed, within a lea	1.5 m in w	idth or 10 so getting out t	qm on plan) the excavat), including	dressing of	sides and	ramming o
			GROUND FI	LOOR (80%	considered)		
			1					
	DR Foundation - Section A-A (Outer walls)	1	47.550	1.300	0.700	0.8	34.617	
	Section A-A (Outer	1	47.550 17.650	1.300	0.700	0.8	34.617 12.850	
	Section A-A (Outer walls)							
	Section A-A (Outer walls) Section B-B	1	17.650	1.300	0.700	0.8	12.850	
	Section A-A (Outer walls) Section B-B Section C-C	1	17.650 1.320	1.300	0.700 0.550	0.8	12.850 0.756	
	Section A-A (Outer walls) Section B-B Section C-C Section D-D For step & Ramp -	1 1 1	17.650 1.320 3.730	1.300 1.300 1.250	0.700 0.550 0.700	0.8 0.8 0.8	12.850 0.756 2.611	

	Step to Pantry	1	1.400	0.700	0.250	0.8	0.196				
					Tota	al Quantity	54.969 cu	m			
				To	otal Deducte	ed Quantity	0.000 cum	1			
					Net Tota	al Quantity	54.969 cum				
			Sa	y 54.969 cui	m @ Rs 520	0.94 / cum	Rs 28	635.55			
3	2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundatio trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides an ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplu excavated soil as directed, within a lead of 50 m.All kinds of soil										
			GR	OUND FLO	OR						
	DR Foundation - Section A-A (Outer walls)	1	47.550	1.300	0.700	0.2	8.655				
	Section B-B	1	17.650	1.300	0.700	0.2	3.213				
	Section C-C	1	1.320	1.300	0.550	0.2	0.189				
	Section D-D	1	3.730	1.250	0.700	0.2	0.653				
	For step & Ramp - Ramp	1	5.400	0.800	0.700	0.2	0.605				
	0	the2 E1	gi1:200 ri	ngo.800 g	ano.70010	ns 0.2	0.269				
	Steps	1	3,160	0.700	0.250	0.2	0.111				
	Step to Pantry	1	1.400	0.700	0.250	0.2	0.049				
					Tota	al Quantity	13.744 cu	m			
				To	tal Deducte	ed Quantity	0.000 cum	1			
					Net Tota	al Quantity	13.744 cu	m			
			Sa	y 13.744 cui	m @ Rs 293	3.24 / cum	Rs 40	30.29			
4	4.1.8 Providing and laying in shuttering - All work up nominal size)	Ū		Ū							
			GR	OUND FLO	OR	T	T				
	For step & Ramp - Ramp	1	5.400	0.800	0.100		0.433				
		2	1.200	0.800	0.100		0.192				
	Steps	1	3.160	0.700	0.100		0.222				
	Step to Pantry	1	1.400	0.700	0.100		0.098				

	ooring - Play school nd Pantry	1	37.010		0.075		2.776	Area
D.	Toilet	1	2.030	1.580	0.075		0.241	
	assage and stair ottom	1	2.530	7.880	0.075		1.496	
Re	ecreation Room	1	41.120	3.000	0.075		9.252	
Ra	amp	1	5.400	1.200	0.100		0.649	
					Tota	al Quantity	15.359 cu	m
				To	otal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	15.359 cu	m
			Say	15.359 cum	n @ Rs 6729).95 / cum	Rs 103	3365.30
Ce	3.1 entering and shutterion otings, bases for colu	_	g strutting,	propping et	c. and remo	oval of form	work for:Fo	oundation
			GR	OUND FLO	OR		T	
	or step & Ramp - amp	2	5.400		0.100	L	1.080	
		4	1.200	10 0	0.100		0.480	
St	eps	ther En	3.160	na Ora	0.100	ne	0.633	
St	ep to Pantry	2	1.400	ing Org	0.100	1115	0.280	
			2		Tota	Quantity	2.473 sqm	1
				To	otal Deducte	d Quantity	0.000 sqm	1
					Net Tota	al Quantity	2.473 sqm	1
			Sa	ay 2.473 sq	m @ Rs 331	.13 / sqm	Rs 8	18.88
DI bla	0.7.1 RY RUBBLE MASON asted rubble including bour charges etc. con	packing to	compactne	ss to lines a	and levels co	ost and con	, ,	•
			GR	OUND FLO	OR	I		
Se	R Foundation- ection A-A (Outer alls)	1	47.550	0.500	0.450		10.699	
Se	ection B-B	1	17.650	0.500	0.450		3.972	
Se	ection C-C	1	1.320	0.500	0.450		0.298	
Se	ection D-D	1	3.730	0.450	0.450		0.756	

	For step & Ramp- Ramp	1	5.400	0.600	0.600		1.944	
		2	1.200	0.600	0.600		0.864	
					Tota	al Quantity	18.533 cu	m
				To	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	18.533 cu	m
			Say	18.533 cum	@ Rs 3447	7.98 / cum	Rs 63	901.41
7	7.1.1 Random rubble masor concrete 1:6:12 (1 cemelevel with:Cement mortal)	ent : 6 coar	se sand : 12	graded sto	•	_	• .	
			GR	OUND FLO	OR			
	DR Foundation- Section A-A (Outer walls)	1	47.550	0.450	0.450		9.629	
	Section B-B	15	17.650	0.450	0.450		3.575	
	Section C-C	101	1.320	0.450	0.300		0.179	
	Section D-D	1	3.730	0.450	0.450		0.756	
	For step & Ramp- Ramp	ther Er	5.400 gineeri	0.400 ng Orga	0.230 anisatio	ns	0.497	
	7	1	1.200	0.400	0.450		0.216	
					Tota	al Quantity	14.852 cu	m
				To	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	14.852 cu	m
			Say	14.852 cum	@ Rs 7114	.98 / cum	Rs 105	671.68
8	5.1.2 Providing and laying ir centering, shuttering, fir sand :3 graded stone as	nishing and	reinforceme	ent - All work			•	
	grand at	99 9		OUND FLO	OR			
	RCC belt - Section A-A (Outer walls)	1	47.550	0.200	0.150		1.427	
	Section B-B	1	17.650	0.200	0.150		0.530	
	Section C-C	1	1.320	0.200	0.150		0.040	
	Section D-D	1	3.730	0.200	0.150		0.112	
					Tota	al Quantity	2.109 cum	1

				To	otal Deducted C)uantity	0.000 cum	1
					Net Total C		2.109 cum	
			Sa	v 2.109 cum	n @ Rs 8971.90			921.74
9	5.3 Reinforced cement corbalconies, shelves, chafive level excluding the 1.5 coarse sand (Zone	ijjas, lintels cost of cei	k in beams, s , bands, plai ntering, shut	suspended n window si tering, finish	floors, roofs, h ills, staircases a ning and reinfol	aving slo and spira cement,	ope up to 15	0 landings,
		G	ROUND FLC	OR - BEAN	and LINTELS			
	Horizontal B 200x200	1	2.530	0.200	0.100		0.051	
		1	3.830	0.200	0.100		0.077	
		2	1.950	0.200	0.100		0.079	
		2	0.650	0.200	0.100		0.027	
	B 200x350	1	5.160	0.200	0.250		0.258	
		1	6.940	0.200	0.250		0.348	
		2	1.380	0.200	0.250	3	0.138	
	3	2	1.100	0.200	0.250		0.111	
	Vertical - B 200x350	4	3.000	0.200	0.250		0.601	
	0	the? Ei	gj3:270 rj	0.200 g	an0.250ions	S	0.327	
	B 200x200	2	1.490	0.200	0.100		0.060	
		4	1.100	0.200	0.100		0.089	
	LINTELS - Lintel 200x150- Section A-A (Outer walls)	1	47.550	0.200	0.150		1.427	
	Section B-B	1	17.650	0.200	0.150		0.530	
			GROU	ND FLOOR	- SLAB			
	100 mm thick Slab	1	120.460		0.100		12.046	Area
	Sunken slab	2	1.380	1.970	0.050		0.272	Area
	Pantry counter slab	1	4.070	0.600	0.100		0.245	
		GI	ROUND FLO	OR - SLAB	- DEDUCTION			
	Stair	1	9.540		0.100		-0.954	Area
			GROUN	ND FLOOR	- STAIR			
	Stair steps - tread	17	1.250	0.300	0.150		0.957	
	Stair steps - riser	21	1.250	0.150	0.150		0.591	
	Tread	2	0.780		0.150		0.234	Area

Landing slab	1	1.250	1.250	0.150	0.235	
Landing Beam 200x300	1	2.500	0.200	0.150	0.075	
		GROUND	FLOOR - S	UNSHADE		
Back	1	14.400	0.600	0.100	0.865	
Sides	1	3.880	0.600	0.100	0.233	
	1	3.980	0.600	0.100	0.239	
Front	1	3.560	0.600	0.100	0.214	
	1	1.600	0.600	0.100	0.096	
		FIRST FLOC	R - BEAM	and LINTELS		
Horizontal - B 200x200	2	2.580	0.200	0.080	0.083	
	2	2.530	0.200	0.080	0.081	
	1	3.830	0.200	0.080	0.062	
	2	0.650	0.200	0.080	0.021	
	2	1.100	0.200	0.080	0.036	
Vertical - B 200x200	2	1.600	0.200	0.080	0.052	
	2	1.270	0.200	0.080	0.041	
U	ther E	1.490	ng Org 0.200	anisations 0.080	0.048	
LINTELS Lintel 200x150 Outer walls	P ₁	50.830	0.200	0.150	1.525	
Inner walls	1	28.140	0.200	0.150	0.845	
Lintel 100x150 - Inside 10cm thick walls (Sec CC)	1	8.760	0.100	0.150	0.132	
		FIRS	T FLOOR -	SLAB		
120 mm thick Slab	1	120.460		0.120	14.456	Area
Kitchen slab	2	3.600	0.600	0.100	0.433	
		FIRST FLOO	R - SLAB -	DEDUCTION		
Stair	1	2.530	4.570	0.120	-1.387	
		FIRST	FLOOR -	STAIR	,	
Stair steps - tread	17	1.250	0.300	0.150	0.957	
Stair steps - riser	21	1.250	0.150	0.150	0.591	
	2	0.780		0.150	0.234	Area

	Landing slab	1	1.250	1.250	0.150		0.235	
	Landing Beam 200x300	1	2.500	0.200	0.150		0.075	
			FIRST F	LOOR - SUI	NSHADE			
	Back	1	15.140	0.600	0.100		0.909	
	Sides	2	2.630	0.600	0.100		0.316	
		TE	RRAE FLOC	R - BEAM &	& LINTE	ELS		
	Beam - B 200x200	1	2.530	0.200	0.080		0.041	
		2	0.650	0.200	0.080		0.021	
	Lintel(200x150)	2	5.660	0.200	0.150		0.340	
		1	2.930	0.200	0.150		0.088	
			TERRA	CE FLOOR	- SLAB			
	Roof Slab	1	2.930	6.080	0.200		3.563	
		11		30/2	Tota	I Quantity	45.610 cu	m
		15		To	otal Deducted	d Quantity	-2.341 cur	m
					Net Tota	l Quantity	43.269 cu	m
			Say 4	3.269 cum	@ Rs 11349.	63 / cum	Rs 491	1087.14
10	5.9.5 Centering and shuttering girders bressumers and		ngineeri g strutting, e	4 (B)(0)				
10	Centering and shuttering		ngineeri g strutting, e	4 (B)(0)	anisation			
10	Centering and shuttering		ngineeri g strutting, e	ng Orgo	anisation			
10	Centering and shuttering girders bressumers and RCC belt - Section A-	d cantileve	gineeri g strutting, e ers GROUNE	ng Orgo	anisation noval of form		, beams, pli	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls)	d cantileve	g strutting, ears GROUNE 47.550	ng Orgo	anisation noval of form CCC BELT 0.300		14.265	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B	d cantileve	g strutting, eers GROUNE 47.550 17.650	ng Orgo	oval of form CCC BELT 0.300 0.300		14.265 5.295	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C	1 1 1	g strutting, eers GROUNE 47.550 17.650 1.320 3.730	ng Orgo	0.300 0.300 0.300		14.265 5.295 0.396	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C	1 1 1	g strutting, eers GROUNE 47.550 17.650 1.320 3.730	ng Orgo etc. and rem	0.300 0.300 0.300		14.265 5.295 0.396	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C Section D-D	1 1 1 1	9 strutting, 6 9 strutting, 6 17.550 17.650 1.320 3.730 GROUN	ng Orgo etc. and rem	0.300 0.300 0.300 0.300		14.265 5.295 0.396 1.119	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C Section D-D	1 1 1 1	9 strutting, 6 ers GROUNE 47.550 17.650 1.320 3.730 GROUN 2.530	ng Orga etc. and rem	0.300 0.300 0.300 0.300 0.400		14.265 5.295 0.396 1.119	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C Section D-D	1 1 1 1 1	GROUNE 47.550 17.650 1.320 3.730 GROUN 2.530 3.830	ng Orga etc. and rem	0.300 0.300 0.300 0.300 0.400		14.265 5.295 0.396 1.119 1.012 1.532	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C Section D-D	1 1 1 1 1 2	GROUNE 47.550 17.650 1.320 3.730 GROUNE 2.530 3.830 1.950	ng Orga etc. and rem	0.300 0.300 0.300 0.300 0.400 0.400		14.265 5.295 0.396 1.119 1.012 1.532 1.560	
10	Centering and shuttering girders bressumers and RCC belt - Section A-A (Outer walls) Section B-B Section C-C Section D-D Horizontal B 200x200	1 1 1 1 2 2 2	GROUNE 47.550 17.650 1.320 3.730 GROUNE 2.530 3.830 1.950 0.650	ng Orga etc. and rem	0.300 0.300 0.300 0.300 0.400 0.400 0.400		14.265 5.295 0.396 1.119 1.012 1.532 1.560 0.520	

cal - B 200x350 0x200 ding Beam x 3 0 0 ELS - Lintel 150- Section A-A er walls)	1	1.100 3.000 3.270 1.490 1.100 2.500	0.700 0.700 0.700 0.400 0.400 0.500	1.540 8.400 4.578 1.192 1.761
ding Beam x300 ELS - Lintel	2 2 4	3.270 1.490 1.100	0.700 0.400 0.400	4.578 1.192
ding Beam x300 ELS - Lintel 150- Section A-A	2 4	1.490	0.400	1.192
ding Beam x300 ELS - Lintel 150- Section A-A	1	1.100	0.400	
x 3 0 0 ELS - Lintel 150- Section A-A	1			1.761
x 3 0 0 ELS - Lintel 150- Section A-A	1	2.500	0.500	
150- Section A-A				1.250
	1	47.550	0.500	23.775
on B-B	1	17.650	0.500	8.825
		FIRST FLOOR	- BEAM AND LINTELS	
izontal - B x200	2	2.580	0.360	1.858
	2	2.530	0.360	1.822
	1	3.830	0.360	1.379
	2	0.650	0.360	0.468
	2	1.100	0.360	0.792
al - B 200x200	the? E	ngi1.600 rin	g Organ ^{0,360} ions	1.152
	2	1.270	0.360	0.915
	2	1.490	0.360	1.073
ding Beam x300	1	2.500	0.500	1.250
TELS Lintel 150 Outer walls	1 1	50.830	0.500	25.415
walls	1	28.140	0.500	14.070
el 100x150 - le 10cm thick s (Sec CC)	1	8.760	0.400	3.504
	TE	RRAE FLOOF	R - BEAM & LINTELS	
ı - B 200x200	1	2.530	0.360	0.911
	2	0.650	0.360	0.468
	2	5.660	0.500	5.660
(200x150)	1	2.930	0.500	1.465
1		2 200x150) 2	2 0.650 200x150) 2 5.660	2 0.650 0.360 200x150) 2 5.660 0.500

				Tota	al Deducte	d Quantity	0.000 sqm	
					Net Tota	al Quantity	149.624 sc	mp
			Say	149.624 sqm	@ Rs 641	.72 / sqm	Rs 960	016.71
11	5.9.3 Centering and shutte landings, balconies a	•	•	, etc. and re	moval of t	form for:Su	ispended flo	ors, roofs
		T	GROU	ND FLOOR -	SLAB		I	
	100 mm thick Slab	1	120.460				120.460	Area
	Landing slab	1	1.250	1.250			1.563	
	Pantry counter slab	1	4.070	0.600			2.442	
		G	ROUND FLO	OR - SLAB -	DEDUCTION	ON		
	Stair	1	9.540	MS-			-9.540	
			FIRS	T FLOOR - S	LAB			
	120 mm thick Slab	1	120.460	51/IL			120.460	Area
	Landing slab	1	1.250	1.250	To a		1.563	
	Kitchen slab	2	3.600	0.600			4.320	
		7.55	FIRST FLOO	R - SLAB - D	EDUCTIO	N		
	Stair	ther E	2.530	4.570 CE FLOOR -	nisatio SLAB	ns	-11.562	
	Roof Slab	D 1	2.930	6.080			17.815	
					Tota	al Quantity	268.623 so	mp
				Tota	al Deducte	d Quantity	-21.102 sq	m
					Net Tota	al Quantity	247.521 sc	mp
			Sav	247.521 sqm			Rs 199	
12	5.9.16.1 Centering and shutter floors and wallsUnder	_	ng strutting, e				of slabs and	d breaks
			GR	OUND FLOC)R		,	
	slab egdes	1	49.760				49.760	
	Stair	1	14.190				14.190	
	Landing slab edge	1	2.500				2.500	
	Kitchen slab	1	5.270				5.270	
			F	IRST FLOOR	<u> </u>			
	slab egdes	1	49.760				49.760	

	Stair	1	14.200				14.200	
	Landing slab edge	1	2.500				2.500	
	Kitchen slab	2	4.210				8.420	
			TEF	RRACE FLO	OOR			
	Roof Slab	1	18.020				18.020	
					Tota	al Quantity	164.620 m	netre
				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	164.620 m	netre
			Say 16	4.620 metre	e @ Rs 201.	39 / metre	Rs 33	152.82
13	5.9.7 Centering and shutteri except spiral - staircas	_	ng strutting, (etc. and rei	moval of for	m for:Stairs	s, (excluding	ı landin
			GR	OUND FLC	OR			
	Stair - Stair steps bottom	38	1.250	0.150	1		7.125	
		17	1.250	0.300	فالمتأوير	5	6.375	
		2	0.780				1.560	Area
	Step sides	42	0.450	a and	0.150		2.835	
	0	thez Er	1gi <u>3.03</u> 611	ng Org	anos sóic	ns	0.909	
			F	IRST FLOC	OR .	7		
	Stair - Stair steps bottom	38	1.250	0.150			7.125	
		17	1.250	0.300			6.375	
		2	0.780				1.560	Area
	Step sides	42	0.450		0.150		2.835	
		2	3.030		0.150		0.909	
					Tota	al Quantity	37.608 sq	m
				To	otal Deducte	d Quantity	0.000 sqm	1
					Net Tota	al Quantity	37.608 sq	m
			Say	y 37.608 sq	m @ Rs 723	3.39 / sqm	Rs 27	205.25
14	5.9.19 Centering and shuttering	ng including	strutting, etc	c. and remo	val of form f	or:Weather	shade, Chaj	jas, cort
	etc., including edges							
	etc., including edges		GROUND	FLOOR - S	UNSHADE			

						1	
Sides	1	3.880		0.700		2.716	
	1	3.980		0.700		2.786	
Front	1	3.560		0.700		2.492	
	1	1.600		0.700		1.120	
		FIRST FI	LOOR - SUI	NSHADE			
Sunshade	1	15.140		0.700		10.598	
	2	2.630		0.700		3.682	
				Tota	al Quantity	33.474 sq	m
			To	otal Deducte	d Quantity	0.000 sqm	1
			0	Net Tota	al Quantity	33.474 sq	m
		Say	/ 33.474 sqi	m @ Rs 891	.31 / sqm	Rs 29	835.71
Steel reinforcement binding all complete		levelThermo		cally Treate			
For RCC belt	101	2.1075		2	110.0	231.825	
For Beam	1	2.1588			185.0	399.378	
For Slab	1	11.60806	a and		75.0	870.605	
For Stair	Other E	ngineeri 2.093	ng Orga	anisatio	ns 120.0	251.160	
For Lintel	1	1.956		T	100.0	195.600	
For Sunshade	1 -	1.6452			60.0	98.712	
		F	IRST FLOO	·R			
For Beam	1	0.42032			185.0	77.760	
For Slab	1	13.499748			75.0	1012.482	
For Stair	1	2.0903			120.0	250.836	
For Lintel	1	2.5005			100.0	250.050	
For Sunshade	1	1.224			60.0	73.440	
		TEF	RRACE FLC	OR			
Slab	1	3.562294			75.0	267.173	
 Lintel	1	0.42774			100.0	42.774	
For Beam	1	0.06128			185.0	11.337	
				Tota	al Quantity	4033.132	kilogram
			Тс	otal Deducte	d Quantity	0.000 kilo	gram

					Net Tot	al Quantity	4033.132	kilogram
		;	Say 4033.132	2 kilogram (<u> </u>		536.45
16	2.25 Filling available excava exceeding 20 cm in depart and lift up to 1.5 m.		_		-			=
			GR	OUND FLO	OR			
	60% of cut earth	1	68.460		Tot	0.6	41.076	
				To	otal Deducte	al Quantity	41.076 cur	
				10		al Quantity	41.076 cui	
			Say	, 41 076 cui	m @ Rs 25	<u> </u>		488.76
	50 m and lift up to 1.5	m as per d	17/53	te Engineer	3 20	L		
		101	GR	OUND FLO	OR	de la		
	Excavated quantity	1	68.460				68.460	
	Plinth filling quantity - Play school and Pantry	ther Er	1g37.010ri	ng Orga	ano.45010	ns	16.655	Area
			2.030	1.580	0.450	1		
	D.Toilet	1	2.030	1.560	0.100		1.444	
	D.Toilet Passage and stair bottom	1	2.530	7.880	0.450		8.972	
	Passage and stair							
	Passage and stair	1	2.530		0.450		8.972	
	Passage and stair bottom Recreation Room	1	2.530 41.120	7.880	0.450 0.450 0.230		8.972 18.504	
	Passage and stair bottom Recreation Room	1	2.530 41.120 5.400	7.880	0.450 0.450 0.230		8.972 18.504	
	Passage and stair bottom Recreation Room Ramp	1 1 1	2.530 41.120 5.400 GROUND F	7.880	0.450 0.450 0.230		8.972 18.504 1.491	
	Passage and stair bottom Recreation Room Ramp PCC	1 1 1	2.530 41.120 5.400 GROUND F	7.880	0.450 0.450 0.230		8.972 18.504 1.491 -0.850	
	Passage and stair bottom Recreation Room Ramp PCC DR masonry RR masonry up to	1 1 1	2.530 41.120 5.400 GROUND F 0.850 18.530	7.880	0.450 0.450 0.230		8.972 18.504 1.491 -0.850 -18.530	
	Passage and stair bottom Recreation Room Ramp PCC DR masonry RR masonry up to ground level	1 1 1 1	2.530 41.120 5.400 GROUND F 0.850 18.530 4.740	7.880	0.450 0.450 0.230 EDUCTION	al Quantity	8.972 18.504 1.491 -0.850 -18.530 -4.740	um
	Passage and stair bottom Recreation Room Ramp PCC DR masonry RR masonry up to ground level	1 1 1 1	2.530 41.120 5.400 GROUND F 0.850 18.530 4.740	7.880 1.200 FLOOR - DE	0.450 0.450 0.230 EDUCTION		8.972 18.504 1.491 -0.850 -18.530 -4.740 -41.080	
	Passage and stair bottom Recreation Room Ramp PCC DR masonry RR masonry up to ground level	1 1 1 1	2.530 41.120 5.400 GROUND F 0.850 18.530 4.740	7.880 1.200 FLOOR - DE	0.450 0.450 0.230 EDUCTION Total Deducted		8.972 18.504 1.491 -0.850 -18.530 -4.740 -41.080 115.526 c	ım

18	4.11 Providing and laying da sand: 4 graded stone				th cement c	oncrete 1:2	:4(1 cement	: 2 coai
			GR	OUND FLC	OOR			
	Section A-A (Outer walls)	1	47.550		0.600		28.530	
	Section B-B	1	17.650		0.600		10.590	
					Tota	al Quantity	39.120 sqr	m
				To	otal Deducte	d Quantity	0.000 sqm	l
					Net Tota	al Quantity	39.120 sqr	m
			Say	/ 39.120 sq	m @ Rs 486	3.93 / sqm	Rs 190	048.70
	oil.			OUND FLC	OOR			
	DPC 50mm thick	1	39.120	BOY,			39.120	
					Tota	al Quantity	39.120 sqr	m
		tla an Tu			otal Deducte		0.000 sqm	l
	0	mer Ei	ngineeri	ng Org	anisation Net Tota	al Quantity	39.120 sqr	m
			Say	/ 39.120 sq	m @ Rs 281	.38 / sqm	Rs 110	007.59
20	od166456/2022_2023 OD Applying Antitermit harm ful for human beir etc complete 		t animals wh	ich control	the pests in			-
			GR	OUND FLC	OOR 			
	Play school and	1	37.010				37.010	Area
	Pantry							
	D.Toilet	1	2.030	1.580			3.208	
		1	2.030	1.580 7.880			3.208 19.937	
	D.Toilet Passage and stair							Area
	D.Toilet Passage and stair bottom	1	2.530				19.937	Area
	D.Toilet Passage and stair bottom Recreation Room	1	2.530 41.120	7.880	Tota	al Quantity	19.937 41.120	
	D.Toilet Passage and stair bottom Recreation Room	1	2.530 41.120	7.880	Total Deducte	<u> </u>	19.937 41.120 6.480	

			Say	107.755 sq	m @ Rs 127	.77 / sqm	Rs 13	767.86
21	50.6.7.1 Laterate masonry with mortar 1:6 for foundat	•						
			GR	OUND FLO	OR			
	For steps	1	2.960	0.600	0.250		0.444	
		1	2.960	0.300	0.150		0.134	
	Step to Pantry	1	1.200	0.600	0.250		0.180	
		1	1.200	0.300	0.150		0.054	
					Tota	I Quantity	0.812 cum	1
			(C)	To	otal Deducted	d Quantity	0.000 cum	1
			-//W	W.F	Net Tota	I Quantity	0.812 cum	1
			Say	y 0.812 cum	n @ Rs 7159	.07 / cum	Rs 58	313.16
	mortar 1:6 for super str charges etc.		. 5 F					, 100
			GR	OUND FLO	OR			
	Wallo Cootion 7171	ther Er	Heigh	4 333	OR anisatio 2.900	ns	27.579	
	walls - Section A-A (Outer walls)	D 1	gineeri 247.550	ng _{0.200} g	anisatio	ns		
	walls - Section A-A	ther Er	947.550 17.650	4 333	2.900 2.900	ns	27.579 10.237	
	walls - Section A-A (Outer walls)	D 1	947.550 17.650	ng _{0.200} g 0.200	2.900 2.900	ns		
	walls - Section A-A (Outer walls) Section B-B	P ₁	947.550 17.650 GROUND	0.200 FLOOR - DI	2.900 2.900 EDUCTION	ns	10.237	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210	3	17.650 GROUND 1.000	0.200 FLOOR - DI	2.900 2.900 EDUCTION 2.100	ns	10.237	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210 D1' 90x210	3 1	17.650 GROUND 1.000 0.900 0.600	0.200 FLOOR - DI 0.200 0.200	2.900 2.900 EDUCTION 2.100 2.100	ns	-1.260 -0.378	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210 D1' 90x210 W1 60x150	3 1 4	17.650 GROUND 1.000 0.900	0.200 FLOOR - DI 0.200 0.200 0.200	2.900 2.900 EDUCTION 2.100 2.100 1.500	ns	-1.260 -0.378 -0.720	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210 D1' 90x210 W1 60x150 W2 120x150	3 1 4 8	17.650 GROUND 1.000 0.900 0.600 1.200	0.200 FLOOR - DI 0.200 0.200 0.200 0.200	2.900 2.900 EDUCTION 2.100 2.100 1.500	ns	-1.260 -0.378 -0.720 -2.880	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210 D1' 90x210 W1 60x150 W2 120x150 W2' 100x110	3 1 4 8 2	17.650 GROUND 1.000 0.900 0.600 1.200 1.000	0.200 FLOOR - DI 0.200 0.200 0.200 0.200	2.900 2.900 EDUCTION 2.100 2.100 1.500 1.500 1.100	ns	-1.260 -0.378 -0.720 -2.880 -0.440	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210 D1' 90x210 W1 60x150 W2 120x150 W2' 100x110 W3 180x150	3 1 4 8 2	17.650 GROUND 1.000 0.900 0.600 1.200 1.000 1.800	0.200 FLOOR - DI 0.200 0.200 0.200 0.200 0.200 0.200	2.900 2.900 2.900 2.100 2.100 1.500 1.500 1.500	ns	-1.260 -0.378 -0.720 -2.880 -0.440 -0.540	
	walls - Section A-A (Outer walls) Section B-B D/W 100x210 D1' 90x210 W1 60x150 W2 120x150 W2' 100x110 W3 180x150 V 60x60 Deduction for beam	3 1 4 8 2 1	17.650 GROUND 1.000 0.900 0.600 1.200 1.000 1.800 0.600 2.160	0.200 FLOOR - DI 0.200 0.200 0.200 0.200 0.200 0.200	2.900 2.900 EDUCTION 2.100 1.500 1.500 1.500 0.600	ns	-1.260 -0.378 -0.720 -2.880 -0.440 -0.540 -0.072	

	Section B-B	1	28.140	0.200	2.880		16.209	
				_OOR - DEI				
	D/W 100x210	2	1.000	0.200	2.100		-0.840	
	D1 90x210	4	0.900	0.200	2.100		-1.512	
	W1 60x150	4	0.600	0.200	1.500		-0.720	
	W2 120x150	6	1.200	0.200	1.500		-2.160	
	W2' 100x110	2	1.000	0.200	1.100		-0.440	
	W3 180x150	1	1.800	0.200	1.500		-0.540	
	V 60x60	2	0.600	0.200	0.600		-0.144	
	Opening at living and Bed	2	1.350	0.200	2.100		-1.134	
	Handrail	1	2.500	0.200	1.200		-0.600	
	Deduction for beam quantity	1	0.130	SX	11)		-0.130	
		14	1014		Tota	al Quantity	83.304 cu	m
		1216	1800	To	otal Deducte	d Quantity	-16.670 cı	ım
	Net Total Quantity						66.634 cum	
		76		10 01	Net Tota	al Quantity	66.634 cu	m
23	50.6.7.3	ther E	Say ngineeri		@ Rs 7896	i.99 / cum		
23	50.6.7.3 Laterate masonry with mortar 1:6 for superstr labour charges etc.	neatly dr	ngineeri essed latera	ng Orgate stone of	@ Rs 7896	i.99 / cum INS x15 cm or i	Rs 526	6208.03
23	Laterate masonry with mortar 1:6 for superstr	neatly dr	essed latera	ng Orgate stone of	@ Rs 7896 anisatio size 40x20 floor five le	i.99 / cum INS x15 cm or i	Rs 526	6208.03
23	Laterate masonry with mortar 1:6 for superstr	neatly dr	essed latera	ng Orgo te stone of p level upto	@ Rs 7896 anisatio size 40x20 floor five le	i.99 / cum INS x15 cm or i	Rs 526	6208.03
23	Laterate masonry with mortar 1:6 for superstr labour charges etc.	neatly dr ucture ab	essed latera ove floor two	te stone of p level upto	@ Rs 7896 anisatio size 40x20; floor five le	i.99 / cum INS x15 cm or i	Rs 526	6208.03
23	Laterate masonry with mortar 1:6 for superstr labour charges etc.	neatly dr ucture ab	essed lateral ove floor two TEF 6.080 2.530	te stone of blevel upto RRACE FLC 0.200 0.200	© Rs 7896 size 40x20; floor five le	i.99 / cum INS x15 cm or i	Rs 526 nearest size ng all cost o	6208.03
23	Laterate masonry with mortar 1:6 for superstr labour charges etc.	neatly dr ucture ab	essed lateral ove floor two TEF 6.080 2.530	te stone of blevel upto RRACE FLC 0.200 0.200	© Rs 7896 size 40x20; floor five le OOR 2.350 2.500	i.99 / cum INS x15 cm or i	Rs 526 nearest size ng all cost o	6208.03
23	Laterate masonry with mortar 1:6 for superstr labour charges etc. Stair head room	neatly dructure ab	ressed lateration over floor two tests over floor tests over floor tests over floor the test over floor tests over floor tes	te stone of p level upto RRACE FLC 0.200 0.200 FLOOR - D	© Rs 7896 ani Satio size 40x20; floor five le OOR 2.350 2.500 EDUCTION	i.99 / cum INS x15 cm or i	Rs 526 nearest size ng all cost of 5.716 2.531	6208.03
23	Laterate masonry with mortar 1:6 for superstr labour charges etc. Stair head room D4 120x210	neatly dructure ab	ressed lateratove floor two TEF 6.080 2.530 TERRACE 1.200	te stone of plevel upto RRACE FLC 0.200 0.200 FLOOR - D 0.200	© Rs 7896 ani Salio size 40x20; floor five le OOR 2.350 2.500 EDUCTION 2.100 1.500	i.99 / cum INS x15 cm or i	Rs 526 nearest size ng all cost of 5.716 2.531	e in cen f mater
23	Laterate masonry with mortar 1:6 for superstr labour charges etc. Stair head room D4 120x210	neatly dructure ab	ressed lateratove floor two TEF 6.080 2.530 TERRACE 1.200	te stone of plevel upto RRACE FLC 0.200 0.200 FLOOR - D 0.200 0.200	© Rs 7896 ani Salio size 40x20; floor five le OOR 2.350 2.500 EDUCTION 2.100 1.500	s.99 / cum ns x15 cm or revel includir	Rs 526 nearest size ng all cost of 5.716 2.531 -0.504 -0.540	e in cen f mater
23	Laterate masonry with mortar 1:6 for superstr labour charges etc. Stair head room D4 120x210	neatly dructure ab	ressed lateratove floor two TEF 6.080 2.530 TERRACE 1.200	te stone of plevel upto RRACE FLC 0.200 0.200 FLOOR - D 0.200 0.200	© Rs 7896 ani Satio size 40x20; floor five le OOR 2.350 2.500 EDUCTION 2.100 1.500 Total	s.99 / cum ns x15 cm or revel includir	8.247 cum	e in cen f mater
23	Laterate masonry with mortar 1:6 for superstr labour charges etc. Stair head room D4 120x210	neatly dructure ab	ressed lateratove floor two TEF 6.080 2.530 TERRACE 1.200 1.800	te stone of plevel upto RRACE FLC 0.200 0.200 FLOOR - D 0.200 To	© Rs 7896 ani Satio size 40x20; floor five le OOR 2.350 2.500 EDUCTION 2.100 1.500 Total	al Quantity d Quantity	8.247 cum -1.044 cui 7.203 cum	e in cen f mater

		_	IRST FLOC	NP					
			INST FLUC	/N					
Masonry 10cm thick walls - Inside walls	1	8.760	0.100	2.880		2.523			
		FIRST FL	OOR - DEI	DUCTION					
D1 90x210	2	0.900	0.100	2.100		-0.378			
D2 80x210	2	0.800	0.100	2.100		-0.336			
Deduction for beam quantity	1	0.280				-0.280			
				Tota	l Quantity	2.523 cum	1		
		Par	To	otal Deducte	d Quantity	-0.994 cur	n		
		-//	M.F.	Net Tota	l Quantity	1.529 cum)		
	Say 1.529 cum @ Rs 7769.76 / cum Rs 11879.96								
		(1 00111011111	J COAISE SA	na) including	cost of sca	affolding com	plete <b< th=""></b<>		
		TEF	RRACE FLO	OOR	cost of sca		iplete <b< td=""></b<>		
Parapet wall	ther E		0.100 ng Org	1.200 Tota	ns I Quantity	5.445 5.445 cum	1		
		TEF	0.100 ng Org	1.200 Total	ns I Quantity	5.445	1		
		45.372 ngineeri	0.100 ng Org	1.200 Total	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum	1		
	ther E	45.372 nginceri	0.100 ng To	1.200 Total Deducted	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum	1		
Parapet wall 26 13.1.1	ther E	TEF 45.372 nginceri Say (1 cement : 4	0.100 ng To	1.200 Total Deducted Net Total	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum	1		
Parapet wall 26 13.1.1	ther E	TEF 45.372 nginceri Say (1 cement : 4	0.100 To y 5.445 cum	1.200 Total Deducted Net Total	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum	1		
Parapet wall 26 13.1.1 12 mm cement plaster of Exterior walls - Outer	ther E	Say (1 cement : 4	0.100 To y 5.445 cum	1.200 Total Deducte Net Total 0 Rs 8750	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum Rs 47	1		
Parapet wall 26 13.1.1 12 mm cement plaster of Exterior walls - Outer	ther E	Say (1 cement : 4 GR 49.420	0.100 To y 5.445 cum	1.200 Total Deducted Net Total OOR OOR 0.450	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum Rs 470	1		
Parapet wall 26 13.1.1 12 mm cement plaster of Exterior walls - Outer walls	ther Export the state of the st	Say (1 cement : 4 GR 49.420 48.220	0.100 To y 5.445 cum	1.200 Total Deducted Net Total OOR OOR 0.450 3.150	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum Rs 470 22.239 151.893	1		
Parapet wall 26 13.1.1 12 mm cement plaster of the second	ther E	Say (1 cement : 4 GR 49.420 48.220 5.400	0.100 To y 5.445 cum	1.200 Total Deducted Net Total OOR 0.450 3.150 0.230	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum Rs 470 22.239 151.893 1.243	1		
Parapet wall 26 13.1.1 12 mm cement plaster of the second	ther E	Say (1 cement : 4 GR 49.420 48.220 5.400 28.200	0.100 To y 5.445 cum	1.200 Total Deducted Net Total OR Rs 8750 OOR 0.450 3.150 0.230 3.050	n S al Quantity d Quantity	5.445 cum 0.000 cum 5.445 cum Rs 476 22.239 151.893 1.243 86.010	1		

		GROUND FLOOR -	DEDUCTION	
D/W 100x210	3	1.000	2.100	-6.300
D1' 90x210	1	0.900	2.100	-1.890
W1 60x150	4	0.600	1.500	-3.599
W2 120x150	8	1.200	1.500	-14.399
W2' 100x110	2	1.000	1.100	-2.200
W3 180x150	1	1.800	1.500	-2.700
V 60x60	1	0.600	0.600	-0.360
Wall tile	1	13.270		-13.270
		FIRST FLC	OOR	
Exterior walls - Outer walls	1	48.280	3.150	152.082
Interior walls - House 1 - Living cum dining	1	12.820	3.030	38.845
W/area	2	1.500	3.030	9.090
Kitchen	1	10.120	3.030	30.664
Bed Room 1	1	11.260	3.030	34.118
Bed room 2	1 th on E-	11.020	3.030	33.391
Toilet		gineering Or 6.580	ganisations 3.030	19.938
Bed area front	1	7.260	3.030	21.998
House 2 - Living cum dining	1	12.820	3.030	38.845
W/area	1	1.500	3.030	4.545
Kitchen	1	10.120	3.030	30.664
Bed Room 1	1	11.260	3.030	34.118
Bed room 2	1	11.020	3.030	33.391
Toilet	1	6.580	3.030	19.938
Bed area front	1	7.260	3.030	21.998
Stair area cum passage	1	15.880	3.030	48.117
		FIRST FLOOR - D	EDUCTION	
Deduction for openings - D/W 100x210	2	1.000	2.100	-4.200
D1 90x210	6	0.900	2.100	-11.340

Kitchen slab 1 4.070 0.600 2.442 Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044 1 3.980 1.300 5.174									
W2'100x110		W1 60x150	4	0.600		1.500		-3.599	
W3 180x150		W2 120x150	6	1.200		1.500		-10.799	
V 60x60		W2' 100x110	2	1.000		1.100		-2.200	
Opening at living and Bed 2		W3 180x150	1	1.800		1.500		-2.700	
Bed 2 1.350 2.100 -5.670		V 60x60	2	0.600		0.600		-0.720	
And Bed 2 1.100 2.100 -4.620			2	1.350		2.100		-5.670	
RCC board 2 1.630 2.950 -9.617		-	2	1.100		2.100		-4.620	
TERRACE FLOOR External walls Head room 1 18.020 2.700 48.654		Wall tile	1	24.780				-24.780	
External walls Head room		RCC board	2	1.630	B.	2.950		-9.617	
Total Deducted Quantity 1058.290 sqm @ Rs 310.18 / sqm Rs 328260				TEI	RRACE FLC	OR			
Parapet wall 1 16.390 2.500 40.975			1	18.020	87	2.700		48.654	
TERRACE FLOOR - DEDUCTION D4 120x210			14	16.390		2.500	Ł	40.975	
D4 120x210		Parapet wall	1	45.372		2.500		113.430	
W3 180x150				TERRACE	FLOOR - DI	EDUCTION			
Total Quantity 1188.473 sqm Total Deducted Quantity -130.183 sqm Net Total Quantity 1058.290 sqm Say 1058.290 sqm @ Rs 310.18 / sqm Rs 328260 27 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, charges etc complete GROUND FLOOR Ceiling - Roof slab 1 120.460 120.460 A Kitchen slab 1 4.070 0.600 2.442 Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044		D4 120x210	thet Er	gi1:200 ri	ng Orga	an 2 490io	ns	-2.520	
Total Deducted Quantity -130.183 sqm Net Total Quantity 1058.290 sqm Say 1058.290 sqm @ Rs 310.18 / sqm Rs 328260 27 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, charges etc complete GROUND FLOOR Ceiling - Roof slab 1 120.460 120.460 A Kitchen slab 1 4.070 0.600 2.442 Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044		W3 180x150	1	1.800		1.500		-2.700	
Net Total Quantity 1058.290 sqm Say 1058.290 sqm @ Rs 310.18 / sqm Rs 328260				K		Tota	al Quantity	1188.473	sqm
Say 1058.290 sqm @ Rs 310.18 / sqm Rs 328260 27 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, charges etc complete GROUND FLOOR Ceiling - Roof slab 1 120.460 Kitchen slab 1 4.070 0.600 2.442 Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044					То	tal Deducte	d Quantity	-130.183	sqm
27 50.13.1 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, charges etc complete GROUND FLOOR						Net Tota	al Quantity	1058.290	sqm
9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, charges etc complete GROUND FLOOR Ceiling - Roof slab				Say 1	058.290 sqr	m @ Rs 310).18 / sqm	Rs 328	3260.39
Ceiling - Roof slab 1 120.460 120.460 A Kitchen slab 1 4.070 0.600 2.442 Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044 1 3.980 1.300 5.174	27	9 mm cement plastering	ng of mix :	1:3 (1 cem	ent : 3 fine	sand)incl	uding all co	ost of mater	ials, labour
Kitchen slab 1 4.070 0.600 2.442 Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044 1 3.980 1.300 5.174				GR	OUND FLO	OR			
Sunshade - Back 1 14.400 1.300 18.721 Sides 1 3.880 1.300 5.044 1 3.980 1.300 5.174		Ceiling - Roof slab	1	120.460				120.460	Area
Sides 1 3.880 1.300 5.044 1 3.980 1.300 5.174		Kitchen slab	1	4.070	0.600			2.442	
1 3.980 1.300 5.174		Sunshade - Back	1	14.400		1.300		18.721	
		Sides	1	3.880		1.300		5.044	
Front 1 3 560 1 300 4 629			1	3.980		1.300		5.174	
1 0.000 1.000 4.020		Front	1	3.560		1.300		4.628	
1 1.600 1.300 2.080			1	1.600		1.300		2.080	

Beam side B 200x350	Plastering -	4	3.000		0.200		2.401	
		2	3.270		0.200		1.308	
B 200x200		1	2.530		0.200		0.506	
Stair - Step	bottom	19	1.250	0.150			3.563	
		17	1.250	0.300			6.375	
		2	0.780				1.560	Area
		1	1.250		0.150		0.188	
		1	1.790		0.150		0.269	
Sides		17	0.450		0.150		1.148	
Landing sla	ab bottom	1	1.250	1.250			1.563	
			GROUND F	FLOOR - DI	EDUCTION			
Stair		1	9.650		1		-9.650	Area
Deduct 2 wall	Ocm thick	1	65.200	0.200	1-21		-13.040	
	16	lde_	FI	RST FLOC	R	2		
Ceiling - Ro	oof slab	1	120.460	in of	Stan		120.460	Area
Kitchen sla	b	1	3.600	0.700	. , .		2.520	
Sunshade	- Back	r En 1	gineeri 15.140	ng Org	anisatic 1.300	ns _	19.683	
Sides	D	2	2.630		1.300		6.838	
Beam side B 200x350	Plastering -	4	3.000		0.200		2.401	
		2	3.270		0.200		1.308	
B 200x200		1	2.530		0.200		0.506	
Stair - Step	bottom	19	1.250	0.150			3.563	
		17	1.250	0.300			6.375	
		2	0.780				1.560	Area
		1	1.250		0.150		0.188	
		1	1.790		0.150		0.269	
Sides		17	0.450		0.150		1.148	
Landing sla	ab bottom	1	1.250	1.250			1.563	
			FIRST FL	OOR - DEI	DUCTION			
Deduct 2	0cm thick	1	78.970	0.200			-15.794	

Stair	1	9.650				-9.650			
Deduct 10cm thick wall	1	8.760	0.100			-0.876			
		TEI	RRACE FLO	OOR					
Roof Slab	1	2.930	6.079			17.812			
		TERRACE	FLOOR - D	EDUCTION					
Deduct wall length	1	18.020	0.200			-3.604			
				Tota	al Quantity	363.624 s	qm		
			To	otal Deducte	d Quantity	-52.614 s	qm		
Net Total Quantity 311.010 sqm									
Say 311.010 sqm @ Rs 287.68 / sqm									
		D) CCCCIIG I	ayor or orarr	, 0. 001110111	C 0.2 12 Ng	, , , , , , , , , , , , , , , , , , , ,			
be allowed to air cure for proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet	ound @ 0. 8 hours. T	The rate inclusion and masor GR 2.030 7.220	udes prepa	ymer mixed	rface, treatr		ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction	ound @ 0. 8 hours. This of pipes ther Example 1	The rate inclusion and masor GR 2.030 7.220	nry with polycommunity with poly	ymer mixed	rface, treatr	3.208	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening	ound @ 0. 8 hours. This of pipes ther Ending 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900	nry with polycommunity with poly	one of surymer mixed one	rface, treatr	3.208 4.332	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening	ound @ 0. 8 hours. This of pipes ther Ending 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900	nry with poly ROUND FLO 1.580 FLOOR - DI	one of surymer mixed one	rface, treatr	3.208 4.332	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 -	ther E	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900	PLOOR - DI	one of surymer mixed one	rface, treatr	3.208 4.332 -0.540	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 - Toilet	ound @ 0. 8 hours. This of pipe: ther Example 1 1 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900 F	rudes preparative properties of the properties o	one of surymer mixed one	rface, treatr	3.208 4.332 -0.540	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 - Toilet House 2 - Toilet	ound @ 0. 8 hours. This of pipes ther Example 1 1 1	GROUND 0.900 F 1.380	rudes preparative properties of the properties o	0.600 DOR 0.600 DOR 0.600 DOR 0.600	rface, treatr	3.208 4.332 -0.540 2.719 2.719	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 - Toilet House 2 - Toilet Wall - House 1 - Toilet	ound @ 0. 8 hours. This of pipes ther Example 1 1 1 1 1 1 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900 F 1.380 6.700 6.700	rudes preparative properties of the properties o	0.600 0.600 0.600 0.600	rface, treatr	3.208 4.332 -0.540 2.719 2.719 4.020	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 - Toilet House 2 - Toilet Wall - House 1 - Toilet	ound @ 0. 8 hours. This of pipes ther Example 1 1 1 1 1 1 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900 F 1.380 6.700 6.700	PLOOR - DI FLOOR - DI FLOOR - DI 1.970	0.600 0.600 0.600 0.600	rface, treatr	3.208 4.332 -0.540 2.719 2.719 4.020	ırs followed		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 - Toilet House 2 - Toilet Wall - House 1 - Toilet House 2 - Toilet	ound @ 0. 8 hours. This of pipes ther Example 1 1 1 1 1 1 1 1 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900 F 1.380 6.700 FIRST FI	PLOOR - DI FLOOR - DI FLOOR - DI 1.970	0.600 0.600 0.600 0.600 0.600 0.600 0.600 0.600	rface, treatr	3.208 4.332 -0.540 2.719 2.719 4.020 4.020	urs followed ealing of all		
proofing cement composite with water curing for 4 joints, corners, junction Floor - D.Toilet Wall - D.Toilet Deduction for opening - D1' 90x210 Floor - House 1 - Toilet House 2 - Toilet Wall - House 1 - Toilet House 2 - Toilet	ound @ 0. 8 hours. This of pipes ther Example 1 1 1 1 1 1 1 1 1	The rate inclusion and masor GR 2.030 7.220 GROUND 0.900 F 1.380 6.700 FIRST FI	FLOOR - DI 1.970 1.970	0.600 0.600 0.600 0.600 0.600 0.600 0.600 0.600	rface, treatrest slurry.	3.208 4.332 -0.540 2.719 4.020 4.020 -0.960	m must followed		

29	4.2.3 Providing and laying co									
	attached pilasters, coluparapets, coping, bed believel, excluding the cosstone aggregate 20 mm	imns, piers blocks, and t of center	s, abutments chor blocks, p ing, shutterin	, pillars, po: olain windo	sts, struts,b w sills, fillets	uttresses, s s, sunken fl	tring or lacio	ng courses to floor five		
			F	IRST FLOO	R					
	House 1 - Toilet	1	1.380	1.970	0.100		0.272			
	House 2 - Toilet	1	1.380	1.970	0.100		0.272			
					Tota	al Quantity	0.544 cum	1		
	Total Deducted Quantity]		
		al Quantity	0.544 cum)						
	Say 0.544 cum @ Rs 9943.95 / cum Rs 5409.51									
	od166458/2022_2023 OD Supplying and filling with cinder under , ramming consolidating and dressing complete. including a cost of materials, labour charges etc complete FIRST FLOOR									
	House 1 - Toilet	1	1.380	1.970	0.150		0.408			
	House 2 - Toilet	ther E	gi1.380 ri	ng.970g	an o 35010	ns	0.408			
					Tota	al Quantity	0.816 cum	1		
			K	Тс	tal Deducte	d Quantity	0.000 cum	1		
	Net Total Quantity 0.816 cum									
	Say 0.816 cum @ Rs 1967.17 / cum Rs 1605.21									
31	5.30 Add for plaster drip course / groove in plastered surface or moulding to R.C.C. projections.									
			GR	OUND FLO	OR					
	Horizontal groove between beam and masonry	1	29.070				29.070			
			F	IRST FLOO	R					
	Horizontal groove between beam and masonry	1	5.200				5.200			
	Total Quantity 34.27									
		Total Deducted Quantity 0.000 metre								

					Net Tota	al Quantity	34.270 me	etre			
			Say	34.270 metr	e @ Rs 68.4	12 / metre	Rs 23	344.75			
32	od166459/2022_2023 OD Providing water cement mortar 1:3 in	cutting to bo	•			•					
				OUND FLO			9				
	Slab - Roof slab	1	49.760				49.760				
	Sunshade - Back	1	14.400				14.400				
	Sides	1	3.880				3.880				
		1	3.980				3.980				
	Front	1	3.560	D.			3.560				
		1	1.600	11.5			1.600				
	FIRST FLOOR										
	Sunshade - Back	1	15.140	51/1	[]]		15.140				
	Sides	2	2.630	MIL	1 B	ķ.	5.260				
	Roof slab	1	49.760			2	49.760				
	TERRACE FLOOR										
		1 1 _	18.020	a mile			18.020				
		Other Ei	ngineeri	ng Orga	anisatio Tota	nS al Quantity	165.360 n	netre			
		D		Тс	otal Deducte	d Quantity	0.000 met	re			
	Net Total Quantity 165.360 metre										
	Say 165.360 metre @ Rs 107.23 / metre										
33	od166460/2022_2023 Modified 50.9.1.2 Providing wood work in frames of doors, windows, clerestory windows and oth frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dialength (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood<										
			GR	OUND FLO	OR						
	D/W 100x210	3	1.300	0.075	0.125		0.037				
		6	1.950	0.075	0.125		0.110				
	W1 60x150	4	0.900	0.075	0.100		0.028				
		4	1.350	0.075	0.100		0.041				
			F	IRST FLOO	R						
	D/W 100x210	2	1.300	0.075	0.125		0.025				

	W1 60x150	4	0.900	0.075	0.100		0.028			
		4	1.350	0.075	0.100		0.041			
					Tota	al Quantity	0.384 cum	1		
				То	tal Deducte	d Quantity	0.000 cum)		
					Net Tota	al Quantity	0.384 cum]		
			Say 0).384 cum @	Rs 170864	I.21 / cum	Rs 65	611.86		
34	od166461/2022_2023 Modified 50.9.3.2 Providing and fixing paneled or paneled and glazed shutters for doors, windows clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finishe required size with necessary screws, excluding paneling which will be paid for separately, all complete per direction of Engineer in-charge.using Pincoda wood. <br< th=""></br<>									
	D/W 100x210	3	0.850		2.025		5.164			
	W1 60x150	2	0.450	K W	1.350		1.215			
		1/4	F	IRST FLOO	R		1			
	D/W 100x210	2	0.850		2.025	L	3.443			
	W1 60x150	2	0.450		1.350		1.215			
		Total Quantity								
		d Quantity	0.000 sqm							
	Other Engineering Or Total Deducted Quantity Net Total Quantity							m		
			Say	11.037 sqm	@ Rs 4194	1.52 / sqm	Rs 46294.92			
35	od166462/2022_2023 Modified 50.9.4.2 Providing and fixing paneling or paneling and glazing in paneled or paneled and glashutters for doors, windows and clerestory windows (Area of opening for panel excluding portion ins grooves or rebates to be measured). Paneling for paneled or paneled and glazed shutters 25 mm to mm thick using good quality Pincoda wood GROUND FLOOR									
	D/W 100x210	3	0.700	33.12120	1.800		3.781			
	2,11 100,1210			IRST FLOO	<u> </u>	<u> </u>	1 3 3 1			
	D/W 100x210	2	0.700	127.1200	1.800		2.520			
			1	ı		L Quantity	6.301 sqm	1		
		d Quantity	0.000 sqm							
						al Quantity	6.301 sqm			
			Sa	y 6.30 i Sqiii	@ Rs 3736).33 / SQM	Rs 23	542.62		

	mm thick:Float glass par	nes4 mm	thick glass p	ane					
			GF	ROUND FLO	OR	1			
	Windows: W1 60x150	4	0.250		1.150		1.150		
			F	IRST FLOO	R				
	Windows: W1 60x150	2	0.250		1.150		0.575		
					Tota	al Quantity	1.725 sqm	1	
				То	tal Deducte	d Quantity	0.000 sqm	1	
		1.725 sqm	1						
		Rs 35	94.35						
37	50.9.15.4		1/1	31/5/					
	Providing and fixing iron hooks and eyes: 150 mm								
		61	GF	ROUND FLO	OR				
	Windows: W1 60x150	6	4 1882		TA.		6.000		
	4	82	Walter	FIRST FLOO	R	بيكو			
	Windows: W1 60x150	4					4.000		
		al Quantity	10.000 no						
	Ot	d Quantity	0.000 no						
	T				Net Tota	al Quantity	10.000 no		
			K	Say 10.00	0 no @ Rs	16.46 / no	Rs 1	64.60	
38	9.74.3 Providing and fixing b complete:150x10 mm	right fini	shed brass	tower bolts	s (barrel ty	/pe) with n	ecessary s	crews	
			GF	ROUND FLO	OR	T	I		
	Door - D/W 100x210	3					3.000		
			F	IRST FLOO	R	_			
	Door - D/W 100x210	2					2.000		
					Tota	al Quantity	5.000 no		
				То	tal Deducte	d Quantity	0.000 no		
		al Quantity	5.000 no						
		Say 5.000 no @ Rs 269.27 / no							
				Say 5.000	no @ Rs 2	69.27 / no	Rs 13	346.35	

			GR	OUND FLO	OR						
	Door - D/W 100x210	3					3.000				
			F	IRST FLOO	R						
	Door - D/W 100x210	2					2.000				
					Tota	al Quantity	5.000 no				
				То	tal Deducte	d Quantity	0.000 no				
					Net Tota	al Quantity	y 5.000 no				
				Say 5.000	no @ Rs 18	85.59 / no	Rs 9	27.95			
40		9.76 Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of le handles of approved quality with necessary screws etc. complete.									
	Door - D/W 100x210	3	3 0	8 2			3.000				
		FIRST FLOOR									
	Door - D/W 100x210	2			10	4	2.000				
		al Quantity	5.000 no								
				То	tal Deducte	d Quantity	0.000 no				
		thou Ex				al Quantity	5.000 no				
		ther Er	igmeen	Say 5.000	no @ Rs 82	28.57 / no	Rs 41	142.85			
41	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, n and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement coarse sand : 6 graded stone aggregate 20 mm nominal size)										
								cement			
		<u></u>		mm nomina	•			cement			
	Door - D/W 100x210	18			•		18.000	cement			
	Door - D/W 100x210		GR		OR		18.000	cement			
	Door - D/W 100x210 Door D/W 100x210		GR	OUND FLO	OR		18.000	cement			
		18	GR	OUND FLO	OR R	al Quantity					
		18	GR	OUND FLO	OR R		12.000	ch			
		18	GR	OUND FLO	OR R Tota		12.000 30.000 ea	ch h			
		18	GR F	OUND FLO	OR R Tota tal Deducte Net Tota	d Quantity	12.000 30.000 ea 0.000 eac 30.000 ea	ch h			
42		18	GR	OUND FLO IRST FLOO To	OR Tota tal Deducte Net Tota n @ Rs 208	d Quantity al Quantity .35 / each	12.000 30.000 ea 0.000 eac 30.000 ea	ch h			
42	Door D/W 100x210	18	GR F Say	OUND FLO IRST FLOO To	OR Tota tal Deducte Net Tota n @ Rs 208. for new work	d Quantity al Quantity .35 / each	12.000 30.000 ea 0.000 eac 30.000 ea	ch h			

	W/4 CO-450		0.000		4.500	4.0	0.000		
	W1 60x150	2	0.600		1.500	1.6	2.880		
				IRST FLOO					
	D/W 100x210	2	1.000		2.100	2.6	10.921		
	W1 60x150	2	0.600		1.500	1.6	2.880		
					Tota	al Quantity	33.062 sq	m	
				То	tal Deducte	d Quantity	0.000 sqm	1	
					Net Tota	al Quantity	33.062 sqm		
			Sa	y 33.062 sqr	m @ Rs 193	3.07 / sqm	Rs 63	83.28	
43	od166464/2022_2023 OD Preparation of wood surface For melamine polish:Melamine polishing on wood work with two coafter preparing base rubbing and cleaning emery paper, filling holes and finishing the surface with ceil and melamine ceiler two coats including all cost and labour charges etc. complete by								
			GF	OUND FLO	OR				
	D/W 100x210	3	1.000	K S	2.100	2.6	16.381		
	W1 60x150	2	0.600	MACA.	1.500	1.6	2.880		
		152		IRST FLOO	R	J.			
	D/W 100x210	2	1.000		2.100	2.6	10.921		
	W1 60x150	2	0.600	a and	1.500	1.6	2.880		
	0	ther En	gineeri	ng Orga	anisa ti ota	al Quantity	33.062 sq	m	
		D 1		To	tal Deducte	d Quantity	0.000 sqm	1	
					Net Tota	al Quantity			
			Sa	y 33.062 sqr	m @ Rs 306				
44	9.119 Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 1 long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through frame. The door fame to be fixed to the wall using M.S. screws of 65/100 mm size, complete manufacturer's specification and direction of Engineer-in Charge.								
			F	IRST FLOO	R		T		
	Toilet Door - D2 80x210	2	5.800				11.600		
					Tota	al Quantity	11.600 me	etre	
				То	tal Deducte	d Quantity	0.000 met	re	
					Net Tota	al Quantity	11.600 me	etre	
					@ Rs 455.2		Rs 52		

45 9.120.1 Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of whici 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick plain PVC door shutters FIRST FLOOR Toilet Door - D2 2 2.100 0.800 3.361 80x210 **Total Quantity** 3.361 sqm **Total Deducted Quantity** 0.000 sqm **Net Total Quantity** 3.361 sqm Rs 9467.90 Say 3.361 sqm @ Rs 2816.99 / sqm 46 10.5.1 Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces TERRACE FLOOR D4 120x210 1 1.200 2.100 2.520 **Total Quantity** 2.520 sqm **Total Deducted Quantity** 0.000 sqm **Net Total Quantity** 2.520 sqm Say 2.520 sqm @ Rs 5147.32 / sqm Rs 12971.25 47 10.31 Providing and fixing angle iron frames for doors, windows and ventilators of mildsteel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall withdash fastener, including fixing of necessary butt hinges and screws and applying apriming coat of approved steel primer, all complete as per the direction of Engineer In charge. TERRACE FLOOR

	D4 120x210	1	6.600			3.5	23.100				
					Tota	al Quantity	23.100 kg				
				To	tal Deducte	d Quantity	0.000 kg				
					Net Tota	al Quantity	23.100 kg				
				Say 23.100	kg @ Rs 1	11.81 / kg	Rs 2	582.81			
48	9.62.1 Providing and fixing complete:300x16 mr		ed oxidised	d M.S. slid	ing door b	oolts with I	nuts and s	crews			
			TEI	RRACE FLC	OR	Т	T				
		1					1.000				
			B	P. Com	Tota	al Quantity	1.000 no				
			-//W	To	tal Deducte	d Quantity	0.000 no				
		1	43 0	(B) 74	Net Tota	al Quantity	1.000 no Rs 213.10 with necessary screen				
		PL"	Y AR	Say 1.000	no @ Rs 2	13.10 / no					
	etc. complete:150x10 mm TERRACE FLOOR										
	0	thet En	gineeri	ng Orga	anisatio	ns	1.000				
					Tota	al Quantity	1.000 no				
		P = 1	K	To	tal Deducte	d Quantity	0.000 no				
		1.000 no									
		Rs (61.06								
50	9.63.1 Providing and fixing ISI etc. complete:250x10 n			tower bolt b		Barrel type)	oe) with necessary screv				
		1					1.000				
		•	l		Tota	L Quantity	1.000 no				
				To	tal Deducte		0.000 no				
						al Quantity	1.000 no				
				Say 1.00	0 no @ Rs 8	-		36.16			
51	5.47.1 Providing and fixing in smooth finish as per I stirrups placed @ 200	S:6523 wit	h reinforcer	ment of 3 N	os, 6 mm c	lia main ba	rs tied with	3 mm l			

	meter correct to two pla	ices of de	cimal.Door fr	ame 125 mm	x 60 mm.							
			GR	OUND FLOOF	₹							
	Precast RCC frame for windows & doors - W1 60x150	2	4.200			8.400						
	W2 120x150	8	6.900			55.200						
	W2' 100x110	2	8.000			16.000						
	W3 180x150	1	9.600	P.		9.600						
	Ventilator- V 60x60	1	2.400			2.400						
	FIRST FLOOR											
	Precast RCC frame for windows & doors- Window - W1 60x150	2	4.200	201	3	8.400						
	W2 120x150	4	6.900			27.600						
	W2' 100x110	2	5.300	10 D		10.600						
	W3 180x150	ther E	9.600	no Organ	isations	9.600						
	W4 120x100	2	5.400			10.800						
	Ventilator - V 60x60	2	2.400			4.800						
	Door - D1 90x210	6	5.100		,	30.600						
			TE	RRACE FLOO	R							
	Window frame - W3 180x150	1	9.600			9.600						
					Total Quantity	203.600 m	netre					
				Tota	Deducted Quantity	0.000 met	re					
					Net Total Quantity	203.600 m	netre					
			Say 20	3.600 metre @	Rs 757.00 / metre	Rs 154	1125.20					
52	21.1.1.3 Providing and fixing alu											

Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminnium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing,

			GRO	OUND FLO	OR		Τ				
	D.Toilet Door - D1' 90x210	1	0.900		2.100	1.9	3.591				
					Tota	al Quantity	3.591 kg				
				То	tal Deducte	d Quantity	0.000 kg				
					Net Tota	al Quantity	3.591 kg				
				Say 3.591	kg @ Rs 54	40.22 / kg	Rs 19	939.93			
53	od166465/2022_2023 Modified 21.2.2 Providing and fixing 4 mm thick ACP sheet conforming to IS: 12823 Grade I Type II panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless st screws etc. complete as per architectural drawings and directions of Engineer - in- Charge. br>										
			GRO	OUND FLO	OR		ı				
	D.Toilet Door - D1' 90x210	1	0.900		2.100		1.891				
	Total Quantity 1.891 sqm										
	Total Deducted Quantity 0.000 sqm										
			Baha	Net Total Quantity 1.891							
						•		•			
	Ot	her Er	ngineerir	1.891 sqm	@ Rs 2074	.25 / sqm	-	922.41			
54	21.1.2.3 For shutters of doors, w provision for fixing of fir required (Fittings shall b polyester powder coating)	vindows & ttings whe e paid for	ventilators in rever require separately)Po	ncluding pro	oviding and	fixing hing of EPDM ru	Rs 39	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, w provision for fixing of fit required (Fittings shall be	vindows & ttings whe e paid for	ventilators in rever require separately)Porn)	ncluding pro	oviding and g the cost o wder coated	fixing hing of EPDM ru	Rs 39	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, w provision for fixing of fit required (Fittings shall be	vindows & ttings whe e paid for	ventilators in rever require separately)Porn)	ncluding productions of the contraction of the cont	oviding and g the cost o wder coated	fixing hing of EPDM ru	Rs 39	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fixing equired (Fittings shall be polyester powder coating)	vindows & itings whe e paid for g 50 mico	ventilators in rever require separately)Porn) GRO	ncluding productions of the contraction of the cont	oviding and g the cost of wder coated OR	fixing hing of EPDM ruld aluminium	es / pivots abber/ neopr	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coating Window - W1 60x150	vindows & itings whe e paid for g 50 micon	ventilators in rever require separately)Porn) GRO 0.600	ncluding productions of the contraction of the cont	oviding and g the cost of wder coated OR	fixing hing of EPDM rule dialuminium 4.8	es / pivots abber/ neopr (minimum t	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coation.) Window - W1 60x150 W2 120x150	vindows & itings whe e paid for g 50 micon 2	ventilators in rever require separately)Porn) GRO 0.600 1.200	ncluding productions of the contraction of the cont	oviding and g the cost of wder coated OR 1.500	fixing hing of EPDM rule dialuminium 4.8 4.8	es / pivots abber/ neopr (minimum t	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coation) Window - W1 60x150 W2 120x150 W2' 100x110	vindows & tings where paid for g 50 micon	ventilators in rever require separately)Porn) GRO 0.600 1.200 1.000	ncluding productions of the contraction of the cont	oviding and g the cost of wder coated OR 1.500 1.100	fixing hing of EPDM rule dialuminium 4.8 4.8 4.8	es / pivots abber/ neopr (minimum t 8.640 69.120 10.560	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coation) Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150	vindows & tings where paid for g 50 micon	ventilators in rever require separately)Porn) GRO 1.200 1.000 1.800 0.600	ncluding productions of the contraction of the cont	oviding and g the cost of wder coated OR 1.500 1.100 1.500 0.600	fixing hing of EPDM rule displaying 4.8 4.8 4.8 4.8	Rs 39 es / pivots abber/ neopr (minimum t 8.640 69.120 10.560 12.960	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coation) Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150	vindows & tings where paid for g 50 micon	ventilators in rever require separately)Porn) GRO 1.200 1.000 1.800 0.600	ncluding production of the control o	oviding and g the cost of wder coated OR 1.500 1.100 1.500 0.600	fixing hing of EPDM rule displaying 4.8 4.8 4.8 4.8	Rs 39 es / pivots abber/ neopr (minimum t 8.640 69.120 10.560 12.960	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coation) Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator V 60x60	vindows & tings where paid for g 50 micon	ventilators in rever require separately)Porn) GRO 1.200 1.000 1.800 0.600 FII	ncluding production of the control o	oviding and g the cost of wder coated OR 1.500 1.500 1.500 0.600 R	fixing hing fixing hing of EPDM rules aluminium 4.8 4.8 4.8 4.8 7.2	Rs 39 es / pivots abber/ neopr (minimum t 8.640 69.120 10.560 12.960 2.592	922.41 and makene gas			
54	21.1.2.3 For shutters of doors, we provision for fixing of fix required (Fittings shall be polyester powder coation.) Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator V 60x60 Window - W1 60x150	vindows & tings where paid for g 50 micon	ventilators in rever require separately)Porn) GRO 0.600 1.200 1.800 0.600 FIF	ncluding production of the control o	oviding and g the cost of wder coated of the cost of wder coated of the cost o	fixing hing fixing hing of EPDM rules aluminium 4.8 4.8 4.8 4.8 7.2	Rs 39 es / pivots abber/ neopr (minimum t) 8.640 69.120 10.560 12.960 2.592	922.41 and makene gas			

W4 120x100	2	1.200	1.000	4.8	11.520					
Ventilator - V 60x60	2	0.600	0.600	7.2	5.184					
		TERRAC	E FLOOR							
Window frame - W3 180x150	1	1.800	1.500	4.8	12.960					
			Total	Quantity	200.256 kg	J				
			Total Deducted	Quantity	0.000 kg					
			Net Total	Quantity	200.256 kg	J				
		Say 2	00.256 kg @ Rs 64	5.13 / kg	Rs 129	191.15				
Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EP rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engine in -Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of mm thickness										
	f &	GROUN	D FLOOR							
Window - W1 60x150	2	0.600	1.500		1.800					
W2 120x150	8	1.200	1.500		14.400					
W2' 100x110	2	1.000	1.100		2.200					
W3 180x150	ther E	1.800 ngineering	1.500 . Organisation	ns .	2.700					
Ventilator V 60x60	1 ,	0.600 FIRST	0.600 FLOOR	1	0.360					
Window W1 60x150	2	0.600	1.500	1	1.800					
W2 120x150	4	1.200	1.500		7.200					
W2' 100x110	2	1.000	1.100		2.200					
W3 180x150	1	1.800	1.500		2.700					
W4 120x100	2	1.200	1.000		2.400					
	2	0.600	0.600		0.720					
Ventilator - V 60x60	TERRACE FLOOR									
Ventilator - V 60x60		TERRAC	E FLOOR		1					
Ventilator - V 60x60 W3 180x150	1	1.800	E FLOOR 1.500		2.700					
			1.500	Quantity	2.700 41.180 sqr	n				
			1.500							
			1.500 Total	Quantity	41.180 sqr					

			CR	OUND FLO	OR						
	Window - W1 60x150	2		CONDIEC			2.000				
	W2 120x150	16					16.000				
	W2' 100x110	4					4.000				
	W3 180x150	3					3.000				
			' F	IRST FLOO	R						
	Window W1 60x150	2					2.000				
	W2 120x150	8					8.000				
	W2' 100x110	4	(Can	:S)\			4.000				
	W3 180x150	3	-11	1160			3.000				
	W4 120x100	4	43 9	\$ 30	1	1	4.000				
		11	TEI	RRACE FLC	OR						
	W3 180x150	3	1)18		1 585	8.	3.000				
					Tota	al Quantity	49.000 no				
			M. Com	То	tal Deducte	d Quantity	antity 0.000 no				
		ther Fr	oineeri	ng Org	Net Total Quantity		49.000 no				
		tilei Ei	igineen	ing Orgo							
		D		Say 49.00	0 no @ Rs 6	69.29 / no	Rs 33	95.21			
57	9.48.1 Providing and fixing M round bars etc. including welding			attern in fran	nes of wind	ows etc. wi	th M.S. flats	, square			
57	Providing and fixing M round bars etc. including		coat with app	attern in fran	nes of wind primer all c	ows etc. wi	th M.S. flats	, square			
57	Providing and fixing M round bars etc. including		coat with app	attern in fran	nes of wind primer all c	ows etc. wi	th M.S. flats	, square			
57	Providing and fixing M round bars etc. includir welding	ng priming o	coat with app	attern in fran	nes of wind primer all c	ows etc. wi	th M.S. flats ced to steel v	, square			
57	Providing and fixing M round bars etc. includir welding Window - W1 60x150	ng priming o	GR 0.600	attern in fran	nes of wind primer all c OR 1.500	ows etc. wi omplete.Fix 20.0	th M.S. flats ked to steel v	, square			
57	Providing and fixing M round bars etc. includir welding Window - W1 60x150 W2 120x150	4 8	GR 0.600 1.200	attern in fran	ones of winds primer all coordinates of winds of the primer all coordinates of the primer all co	ows etc. wi omplete.Fix 20.0 20.0	72.000 288.000	, square			
57	Providing and fixing M round bars etc. includir welding Window - W1 60x150 W2 120x150 W2' 100x110	4 8 2	GR 0.600 1.200 1.000	attern in fran	or o	20.0 20.0 20.0	72.000 288.000 44.000	, square			
57	Providing and fixing M round bars etc. including welding Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150	4 8 2	GR 0.600 1.200 1.000 1.800 0.600	attern in fran	nes of winds primer all co OR 1.500 1.500 1.500 0.600	20.0 20.0 20.0 20.0	72.000 288.000 44.000	, square			
57	Providing and fixing M round bars etc. including welding Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150	4 8 2	GR 0.600 1.200 1.000 1.800 0.600	attern in fran	nes of winds primer all co OR 1.500 1.500 1.500 0.600	20.0 20.0 20.0 20.0	72.000 288.000 44.000	, square			
57	Providing and fixing M round bars etc. including welding Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator V 60x60	4 8 2 1	GR 0.600 1.200 1.000 1.800 0.600	attern in fran	nes of winds primer all co OR 1.500 1.500 1.500 0.600	20.0 20.0 20.0 20.0 20.0	72.000 288.000 44.000 7.200	, square			
57	Providing and fixing M round bars etc. including welding Window - W1 60x150 W2 120x150 W2' 100x110 W3 180x150 Ventilator V 60x60 Window W1 60x150	4 8 2 1 1	GR 0.600 1.200 1.000 1.800 0.600 F	attern in fran	nes of winds primer all co OR 1.500 1.500 1.500 0.600 R	20.0 20.0 20.0 20.0 20.0 20.0	72.000 288.000 44.000 7.200	, square			

58	Ventilator - V 60x60 W3 180x150	1	0.600 TEF 1.800	RRACE FLO	1.500	20.0 20.0 al Quantity	14.400 54.000					
58		1			1.500							
58		1	1.800	T								
58	11.41.2			т,	Tota	al Quantity	90E C00 1:-					
58	11.41.2			т,			895.600 kg	3				
58	11.41.2		Net Total Q									
58	11.41.2	Net Total Quantity 8 Say 895.600 kg @ Rs 192.15 / kg										
58	11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufactu											
	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacture with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours a shades, laid on 20 mm thick cement mortar 1:4(1 cement: 4 coarse sand), including grouting the join with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm. GROUND FLOOR											
		6	GR	OUND FLC	OR 							
	Stair - Step	17	1.250	0.300	TA		6.375					
		2	0.780		1	1	1.560	Area				
	Mid Landing	1	1.250	1.250			1.563					
	Outer Steps	1	2.960	91 32 F 44 J	1.050		3.108					
	Step to Pantry	thet E	ngi1200ri	ng Org	an1.050io	ns	1.260					
	Kitchen slab	1	2.780	0.600		7	1.668					
		1	1.270	0.450			0.572					
			F	IRST FLOC)R		T T					
	Passage	1	7.150				7.150	area				
	Stair - Step	17	1.250	0.300			6.375					
		2	0.780				1.560	Area				
	Mid Landing	1	1.250	1.250			1.563					
	Kitchen slab	2	3.600	0.600			4.320					
			TEF	RRACE FLO	OOR							
	Stair case landing	1	2.530	1.340			3.391					
					Tota	al Quantity	40.465 sqr	n				
				To	otal Deducte	d Quantity	0.000 sqm	ĺ				
					Net Tota	al Quantity	40.465 sqr	n				
			Say	40.465 sqm	n @ Rs 1744	.25 / sqm	Rs 70!	581.08				

	Providing and laying V absorption less than 0 skirting, riser of steps, grouting the joint with	0.08 % and over 12 mr	conforming t n thick bed o	to I.S. 15622 of cement m	2, of approved ortar 1:3 (1 c	d make, in ement : 3	all colours coarse sand	& shade, ir), including			
	grouning the joint with	WINC COME		OUND FLO	•	J.012C 01 1	110 0000000				
	Stair skirting - Step	17	0.450		0.100		0.766				
		1	3.030		0.100		0.303				
	Mid Landing	1	2.500		0.100		0.250				
	Rise	19	1.250		0.150		3.563				
		1	3.030		0.150		0.455				
	FIRST FLOOR										
	Passage	1	12.780	199	0.100		1.278				
	Stair skirting - Step	19	0.450	A SE	0.100		0.856				
		1	3.030	35 M	0.100		0.303				
	Mid Landing	1	2.500		0.100		0.250				
	Rise	19	1.250		0.150		3.563				
		1	3.030		0.150		0.455				
	TERRACE FLOOR										
	Stair case landing Other Engiseaning Organisations 0.521										
		\mathbf{D}	D		Total	Quantity	12.563 sq	m			
		Total Deducted Quantity									
	Net Total Quantity 12.563 sqm										
	Say 12.563 sqm @ Rs 1796.94 / sqm										
60	Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x9.8 having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all cold and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20 thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting joints with white cement mixed with matching pigments etc. complete as per direction of Engineer Charge.										
			GR	OUND FLO	OR						
	Ramp	1	5.400	1.200			6.480				
					Total	Quantity	6.480 sqm	1			
				To	otal Deducted	Quantity	0.000 sqm	1			
					Net Total	Quantity	6.480 sqm	1			
			Sa	y 6.480 sqm	n @ Rs 2247.8	35 / sqm	Rs 14	566.07			

61	11.37 Providing and laying C	eramic ala	azed floor tile	es of size 3	00x300 mr	n (thickness	to be speci	fied by			
	manufacturer), of 1st qu	_				•	•	•			
	Grey, Fume Red Brown				•		Coarse sand), inclu			
	pointing the joints with	white cem				nplete.					
				OUND FLO	OR 						
	Floor-toilet - D.Toilet	1	2.030	1.580			3.208				
	Flooring - Play school and Pantry	1	37.010				37.010	Area			
	Passage and stair bottom	1	2.530	7.880			19.937				
	Recreation Room	1	41.120	A.			41.120	Area			
	FIRST FLOOR										
	Floor-toilet- House 1 - Toilet	1	1.380	1.970	7		2.719				
	House 2 - Toilet	1	1.380	1.970	TA.		2.719				
	Flooring - House 1 - Living	1	3.200	3.270		1	10.464				
	W/area	1	1.320	1.490			1.967				
	Kitchen	ther En	gi3:540ri	ng1.580 g	anisatio	ons	5.594				
	Bed Room 1	1	2.690	3.000	1 T		8.070				
	Bed Room 2	1	2.570	3.000		1	7.710				
	Bed area front	1	1.380	1.130			1.560				
	House 2 - Living	1	3.200	3.270			10.464				
	W/area	1	1.320	1.490			1.967				
	Kitchen	1	3.540	1.580			5.594				
	Bed Room 1	1	2.690	3.000			8.070				
	Bed Room 2	1	2.570	3.000			7.710				
	Bed area front	1	1.380	1.130			1.560				
					Tot	al Quantity	177.443 so	qm			
				To	otal Deducte	ed Quantity	0.000 sqm	1			
					Net Tot	al Quantity	177.443 so	qm			
			Say 1	77.443 sqm	@ Rs 107	7.43 / sqm	Rs 191	182.41			
62	8.31 Providing and fixing lst of	quality cera	amic glazed	wall tiles co	nforming to	IS: 15622(th	nickness to b	e speci			

any size as approved by Engineerin-Charge,in skirting, risers of steps and dados, over 12 mm thick bed of cementmortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3kg per sqm, including pointing in white cement mixed with pigment of matchingshade complete. **GROUND FLOOR** Toilet Wall - House 1 -1 7.220 2.100 15.162 Toilet Skirting - Play school 1 28.200 0.100 2.821 and Pantry Passage and stair 1 0.100 1.590 15.890 bottom Recreation Room 1 26.820 0.100 2.683 **GROUND FLOOR - DEDUCTION** D1' 90x210 1 0.900 -1.890 2.100 FIRST FLOOR Wall-toilet - House 1 -6.700 2.100 14.070 **Toilet** House 2 - Toilet 6.700 2.100 1 14.070 Skirting - House 1 -12.940 0.100 1.294 Living cum dining ther E giantaering Organogoolons W/area 0.414 Kitchen 8.440 0.100 0.844 1 1 11.140 Bed Room 1 0.100 1.114 Bed room 2 1 11.380 0.100 1.139 Bed area front 1 1.380 0.100 0.138 House 2 - Living cum 1 12.940 0.100 1.294 dining W/area 1 4.130 0.100 0.414 0.844 Kitchen 1 8.440 0.100 Bed Room 1 1 11.060 0.100 1.106 1 0.100 Bed room 2 11.160 1.116 Bed area front 1 1.670 0.100 0.167 FIRST FLOOR -DEDUCTION 0.800 D2 80x210 2 2.100 -3.360 60.280 sqm **Total Quantity Total Deducted Quantity** -5.250 sqm

					Net Tota	al Quantity	55.030 sq	m			
			Say	55.030 sqm	@ Rs 1197	.67 / sqm	Rs 65	907.78			
63	od166466/2022_2023 Providing PVC Tile books arges etc complete	eading in th	e edges an	d corners o	of tile work i	ncluding co	ost conveya	nce labou			
			GR	OUND FLO	OR						
	Edge beading	4			2.100		8.400				
			F	IRST FLOO	R						
	Edge beading	8			2.100		16.800				
					Tota	al Quantity	25.200 me	etre			
			Car	То	tal Deducte	d Quantity	0.000 met	re			
					Net Tota	al Quantity	25.200 me	8.400 16.800 25.200 metre 0.000 metre 25.200 metre Rs 1462.36 iiling, balcony raili teel primer.M.S. tu 86.520 64.801 123.168 30.000 36.000 340.489 kg 0.000 kg 340.489 kg			
		1	Say	25.200 metr	e @ Rs 58.0	3 / metre	Rs 14	Rs 1462.36			
64			s, including	and the last of th	ming coat o		er railing, balcony railin es steel primer.M.S. tub				
	Stair	1	7.210			12.0	86.520				
	Ramp	Othet En	5:400	ng Org	anicatio	ng12.0					
	Ramp Other Engis 400 ring Organisations 12.0 64.801										
	Stair	P_1	10.264		, I	12.0	123.168				
	Passage 250 wide	1	2.500			12.0	30.000				
	Balcony	2	1.500			12.0	36.000				
					Tota	al Quantity	340.489 k	g			
				To	tal Deducte	d Quantity	0.000 kg				
					Net Tota	al Quantity	340.489 k	g			
			;	Say 340.489	kg @ Rs 16	69.32 / kg	Rs 57	651.60			
65	10.26.3 Providing and fixing I staircase railing and			-	_		•	•			
			GR	OUND FLO	OR		T				
	Stair	1	7.210			7.0	50.470				
	Ramp	1	5.400			7.0	37.801				
			F	IRST FLOO	R		07.001				

Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface:Water thinnable cement primer GROUND FLOOR Quantity same as plastering 1 523.790 523.790 FIRST FLOOR Quantity same as plastering 1 633.680 633.680 TERRACE FLOOR Quantity same as plastering 1 212.040 212.040 Total Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02				1									
Total Quantity 198.591 kg Total Deducted Quantity 0.000 kg Net Total Quantity 198.591 kg Say 198.591 kg @ Rs 183.71 / kg Rs 36483.15 66 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface: Water thinnable cement primer GROUND FLOOR Quantity same as 1 523.790 523.790 FIRST FLOOR Quantity same as 1 633.680 633.680 TERRACE FLOOR Quantity same as 1 212.040 212.040 Other Engineering Organisations Total Quantity 0.000 sqm Net Total Quantity 1369.510 sqm Rs 95537.02 67 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: To or more coats on new work GROUND FLOOR Quantity same as 1 523.790 523.790 FIRST FLOOR Quantity same as 1 633.680 633.680 GROUND FLOOR Quantity same as 1 633.680 633.680 FIRST FLOOR Quantity same as 1 633.680 633.680 TERRACE FLOOR Quantity same as 1 633.680 633.680		passage	1	2.500			7.0	17.500					
Total Deducted Quantity 0.000 kg Net Total Quantity 198.591 kg Say 198.591 kg @ Rs 183.71 / kg Rs 36483.15 66 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface:Water thinnable cement primer GROUND FLOOR Quantity same as 1 523.790 523.790 FIRST FLOOR Quantity same as 1 212.040 212.040 Quantity same as 1 212.040 212.040 Other Engineering Organisations Total Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Rs 95537.02 67 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: To or more coats on new work GROUND FLOOR Quantity same as 1 523.790 523.790 FIRST FLOOR Quantity same as 2 Cement primer 1 633.680 633.680 FIRST FLOOR Quantity same as 2 Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as 2 Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as 2 Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as 2 Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as 2 Cement primer 1 633.680 633.680		Balcony	2	1.500			7.0	21.000					
Net Total Quantity 198.591 kg Say 198.591 kg @ Rs 183.71 / kg Rs 36483.15 66 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface:Water thinnable cement primer GROUND FLOOR Quantity same as plastering 1 523.790 523.790 FIRST FLOOR Quantity same as plastering 1 633.680 633.680 TERRACE FLOOR Quantity same as plastering 7 Total Quantity 1369.510 sqm Other Engineering Organisation 1369.510 sqm Net Total Quantity 1369.510 sqm Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02 67 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: To or more coats on new work GROUND FLOOR Quantity same as Cement primer 1 523.790 523.790 FIRST FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR						Tota	al Quantity	198.591 k	g				
Say 198.591 kg @ Rs 183.71 / kg Rs 36483.15 66 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface:Water thinnable cement primer GROUND FLOOR Quantity same as plastering 1 523.790 523.790 FIRST FLOOR Quantity same as plastering 1 633.680 633.680 TERRACE FLOOR Quantity same as plastering 1 212.040 Total Quantity same as plastering 1 212.040 Total Deducted Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Rs 95537.02 67 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:To or more coats on new work GROUND FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 212.040 Total Quantity same as Cement primer 1 212.040 212.040 Total Quantity same as Cement primer 1 212.040 212.040 Total Quantity same as Cement primer 1 212.040 212.040 Total Quantity same as Cement primer 1 212.040 212.040 Total Quantity same as Cement primer 1 212.040 212.040					То	tal Deducte	d Quantity	0.000 kg					
Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface:Water thinnable cement primer GROUND FLOOR Quantity same as plastering FIRST FLOOR Quantity same as 1 523.790 FIRST FLOOR Quantity same as 1 633.680 TERRACE FLOOR Quantity same as 1 212.040 Total Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Res 99.76 / sqm Res 95537.02 FIRST FLOOR Quantity same as 1 523.790 FIRST FLOOR Quantity same as 2 523.790 FIRST FLOOR Res 95.70 / sqm Res 95.70 / sqm Res 95.70 / sqm FIRST FLOOR Quantity same as 2 6 633.680 FIRST FLOOR Quantity same as 3 633.680 FIRST FLOOR Quantity same as 3 633.680 FIRST FLOOR Quantity same as 4 633.680 TERRACE FLOOR Quantity same as 5 633.680 TERRACE FLOOR Quantity same as 6 633.680 TERRACE FLOOR Quantity same as 6 633.680 TERRACE FLOOR Quantity same as 6 633.680 TERRACE FLOOR Quantity same as 7 633.680 TERRACE FLOOR						Net Tota	al Quantity	198.591 k	g				
Applying one coat of water thinnable cement primer of approved brand and manufacture on w surface:Water thinnable cement primer GROUND FLOOR Quantity same as plastering FIRST FLOOR Quantity same as 1 523.790 FIRST FLOOR Quantity same as 1 633.680 TERRACE FLOOR Quantity same as 1 212.040 Total Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Res 99.76 / sqm Res 95537.02 FIRST FLOOR Quantity same as 1 523.790 FIRST FLOOR Quantity same as 2 523.790 FIRST FLOOR Res 95.70 / sqm Res 95.70 / sqm Res 95.70 / sqm FIRST FLOOR Quantity same as 2 6 633.680 FIRST FLOOR Quantity same as 3 633.680 FIRST FLOOR Quantity same as 3 633.680 FIRST FLOOR Quantity same as 4 633.680 TERRACE FLOOR Quantity same as 5 633.680 TERRACE FLOOR Quantity same as 6 633.680 TERRACE FLOOR Quantity same as 6 633.680 TERRACE FLOOR Quantity same as 6 633.680 TERRACE FLOOR Quantity same as 7 633.680 TERRACE FLOOR				(Say 198.591	kg @ Rs 18	83.71 / kg	Rs 36	483.15				
Quantity same as plastering	66	Applying one coat of water thinnable cement primer of approved brand and manufacture on w											
Plastering				GR	OUND FLO	OR							
Quantity same as plastering TERRACE FLOOR Quantity same as plastering Total Quantity Total Quantity Total Quantity Net Total Quantity Say 1369.510 sqm Rs 95537.02 Total Quantity Net Total Quantity Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02 Total Quantity Rs 95537.02 FIRST FLOOR Quantity same as Cement primer Terrace FLOOR Quantity same as Cement primer Terrace FLOOR Quantity same as Cement primer Terrace FLOOR Quantity same as Cement primer Total Quantity Total Quantity 1369.510 sqm Rs 95537.02 FIRST FLOOR Quantity same as Cement primer Total Quantity Total Quantity 1369.510 sqm Terrace FLOOR Quantity same as Cement primer Total Quantity			1	523.790	9			523.790					
Description 1 633.680 633.680 633.680			_	6.2 E	IRST FLOO	R							
Quantity same as plastering 1 212.040 212.040 212.040 Total Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Net Total Quantity 1369.510 sqm Rs 95537.02 67 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: To or more coats on new work GROUND FLOOR Quantity same as Cement primer 1 523.790 523.790 FIRST FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 212.040 Total Quantity 1369.510 sqm		-	(1)	633.680	54			633.680					
Destering 1 212,040 20,000 2		TERRACE FLOOR											
Total Deducted Quantity 0.000 sqm Net Total Quantity 1369.510 sqm Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Tv or more coats on new work GROUND FLOOR Quantity same as 1 523.790 523.790 FIRST FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 212.040 Total Quantity 1369.510 sqm				212.040				212.040					
Total Deducted Quantity 0.000 sqm Net Total Quantity 1369.510 sqm Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02 67 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:To or more coats on new work GROUND FLOOR Quantity same as Cement primer 1 523.790 523.790 FIRST FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 212.040 Total Quantity 1369.510 sqm		Total Quantity 1369.510 sqm											
Net Total Quantity 1369.510 sqm Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work GROUND FLOOR Quantity same as Cement primer FIRST FLOOR Quantity same as Cement primer 1 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 Total Quantity 1369.510 sqm			ther Er	igineeri				0.000 sqm	1				
Say 1369.510 sqm @ Rs 69.76 / sqm Rs 95537.02 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:To or more coats on new work GROUND FLOOR Quantity same as 1 523.790 523.790 FIRST FLOOR Quantity same as 1 633.680 633.680 TERRACE FLOOR Quantity same as 2 1 212.040 Total Quantity 1369.510 sqm						Net Tota	al Quantity						
13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work GROUND FLOOR Quantity same as Cement primer 1 523.790 FIRST FLOOR Quantity same as Cement primer 1 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 Total Quantity 1369.510 sqm													
Quantity same as Cement primer 1 523.790 523.790 FIRST FLOOR Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 212.040 Total Quantity 1369.510 sqm	67	13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Tv											
Cement primer 1 523.790 523.790				GR	OUND FLO	OR							
Quantity same as Cement primer 1 633.680 633.680 TERRACE FLOOR Quantity same as Cement primer 1 212.040 212.040 Total Quantity 1369.510 sqm		-	1	523.790				523.790					
Cement primer				F	IRST FLOO	R							
TERRACE FLOOR Quantity same as Cement primer 1 212.040 Total Quantity 1369.510 sqm		=	1	633.680				633.680					
Cement primer 1 212.040 212.040 Total Quantity 1369.510 sqm				TE	RRACE FLO	OR							
Total Quantity 1369.510 sqm		-	1	212.040				212.040					
=													

					Net Tota	al Quantity	1369.510	sqm
			Say 1	369.510 sq	m @ Rs 149	9.50 / sqm	Rs 20	4741.75
68	13.62.1 Painting with synthetic even shade:Two or mo approved brand and materials	re coats o	n new work o	over an und	er coat of s		-	_
			GR	OUND FLO	OR 			
	Window W1 60x150	4	0.600		1.500		3.600	
	W2 120x150	8	1.200		1.500		14.400	
	W2' 100x110	2	1.000		1.100		2.200	
	W3 180x150	1	1.800	-63-	1.500		2.700	
	Ventilator V 60x60	1	0.600	Rall-	0.600		0.360	
	Hand rail - Stair	1	7.210	W. S.	1.200		8.652	
	Ramp	1	5.400	30 18	1.200		6.480	
		B	15/16	IRST FLOO	R			
	Window - W1 60x150	4	0.600		1.500	1	3.600	
	W2 120x150	4	1.200		1.500		7.200	
	W2' 100x110	2	1.000	a sule	1.100		2.200	
	W3 180x150	ther E	ngi <u>n</u> 806 ri	ng Orga	ani <u>s</u> otic	ns	2.700	
	W4 120x100	2	1.200		1.000	7	2.400	
	Ventilator - V 60x60	2	0.600		0.600		0.720	
	Hand rail - Stair	1	10.264		1.200		12.317	
	passage	1	2.500		1.200		3.000	
	Balcony	2	1.500		1.200		3.600	
			TEF	RRACE FLC	OOR		•	
	MS Door- D4 120x210	1	1.200		2.100	2.25	5.670	
	Windows - W3 180x150	1	1.800		1.500		2.700	
_					Tota	al Quantity	84.499 sc	ım
				To	otal Deducte	d Quantity	0.000 sqn	n
					Net Tota	al Quantity	84.499 sc	ım
			Sa	y 84.499 sqı	m @ Rs 205	5.94 / sqm	Rs 17	401.72
SI No	Description	No	L	В	D	CF	Quantity	Remark

	2.20.4										
1	2.28.1 Surface dressing of the	ne ground in	cluding rem	noving vege	tation and	in-equalities	s not excee	ding 15 cr			
	deep and disposal of	rubbish, lea	d up to 50	m and lift u	p to 1.5 m.	All kinds of	soil				
			D	G Foundation	on						
		1	3.080	2.240			6.900				
					Tota	al Quantity	6.900 sqm	1			
				To	tal Deducte	d Quantity	0.000 sqm	1			
					Net Tota	al Quantity	6.900 sqm	1			
			S	Say 6.900 so	qm @ Rs 28	3.32 / sqm	Rs 1	95.41			
2	2.8.1										
	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides a										
	ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surp excavated soil as directed, within a lead of 50 m.All kinds of soil										
	excavated soil as dire	cted, within	a lead of 5	0 m.All kind	ds of soil						
		11	D	G Foundation	on						
		2	2.280	0.400	0.300	l,	0.548				
	2 1.040 0.400 0.300 0.250										
	Street Light Foundation										
		2	1.100	1.100	0.950		2.300				
	Other Engineering Organisations 3.098 cum										
	Total Deducted Quantity 0.000 cum							1			
	Net Total Quantity 3.098 cum										
	Say 3.098 cum @ Rs 293.24 / cum										
3	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering a shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate nominal size)										
		I	D	G Foundation	on	I					
		2	2.280	0.400	0.100		0.183				
		2	1.040	0.400	0.100		0.084				
		1	2.080	1.240	0.075		0.194				
		1	Street	Light Found	dation	1	1				
		2	0.500	0.500	0.150		0.075				
					Tota	al Quantity	0.536 cum	1			
				То	tal Deducte	d Quantity	0.000 cum	1			
					Not Total	al Quantity	0.536 cum				

			<u></u>	y 0.000 0an	n @ Rs 6729	7.50 / Guill	113 01	607.25
4	4.3.1 Centering and shutt footings, bases for	•		propping e		oval of form	work for:F	oundatio
		2	2.000	Light Four	0.150		0.600	
			2.000		1	L Quantity	0.600 sqn	<u> </u>
	Total Deducted Quantity						0.000 sqn	
						al Quantity	0.600 sqn	
			Sa	ay 0.600 sq	m @ Rs 33 ²		-	98.68
5	5.1.2 Providing and laying centering, shuttering sand :3 graded stone	, finishing and	d reinforceme	ent - All wor				
		(k	D	G Foundati	on			
		1	2.080	1.240	0.100	3	0.258	
		74/47	Street	Light Four	dation	5		T
	Pedestal	2	0.400	0.400	0.800		0.257	
	Column above groul	the E	ngi <u>o 400</u> ri	ngo.400g	anisotic	ns	0.097	
		D			Tot	al Quantity	0.612 cun	า
		1		To	otal Deducte	d Quantity	0.000 cun	า
					Net Tot	al Quantity	0.612 cum	
	Say 0.612 cum @ Rs 8971.90 / cum					Rs 5490.80		
	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases columns, etc for mass concrete							
6	_	_						
6	_	_	D	G Foundati	on		T	
6	_	_	D 6.640	G Foundati	on 0.100		0.664	
6	_	ss concrete		G Foundati	0.100	al Quantity	0.664 0.664 sqn	1
6	_	ss concrete			0.100			
6	_	ss concrete			0.100 Total Deducte		0.664 sqn	า

			Stree	et light found	lation				
	Pedestal	2	1.600		0.800		2.561		
	Colum	2	1.600		0.300		0.960		
					Tota	al Quantity	3.521 sqm	1	
				To	otal Deducte	d Quantity	0.000 sqm	1	
					Net Tota	al Quantity	3.521 sqm	1	
			S	ay 3.521 sq	m @ Rs 852	2.88 / sqm	Rs 30	02.99	
8	5.22.6 Steel reinforcement fo binding all complete u		evelThermo	- Mechani	cally Treate	-			
			D	G Foundation	on 				
		0.26	1			90.0	23.401	kg/m3	
		1	Street	t Light Foun	dation				
	For Pedestal	0.256		23/1	14	200.0	51.200		
	Column	0.0960		621	138	200.0	19.200		
	Total Quantity							93.801 kilogram	
	Total Deducted Quantity 0.000 kilogra								
			HE WA	To	tal Deducte	d Quantity	0.000 kilo	gram	
		thor En	oinoori	To		ed Quantity al Quantity	0.000 kilog 93.801 kilo		
	0	ther En	gineeri Say 93.80	na Ora		al Quantity	93.801 kild		
9	2.25 Filling available excava exceeding 20 cm in depart and lift up to 1.5 m.		excluding roo	1 kilogram (Net Tota Rs 97.08	al Quantity / kilogram ides of foun	93.801 kild Rs 91	ogram 106.20 n layers	
9	Filling available excava exceeding 20 cm in dep		excluding roo	1 kilogram (Net Total Rs 97.08 Rs 97.08 Res, plinth, s	al Quantity / kilogram ides of foun	93.801 kild Rs 91	ogram 106.20 n layers	
9	Filling available excava exceeding 20 cm in dep		excluding roo	1 kilogram (ck) in trench deposited la	Net Total Rs 97.08 es, plinth, s	al Quantity / kilogram ides of foun	93.801 kild Rs 91	ogram 106.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m.	oth, consolid	excluding roo	1 kilogram (ck) in trench deposited la	Net Total Rs 97.08 es, plinth, s	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead	ogram 106.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity	oth, consolid	excluding roo	1 kilogram (ck) in trench deposited la	Net Total Rs 97.08 es, plinth, s	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead	ogram 06.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity Deduct PCC	6.9 -0.65	excluding roo	1 kilogram (ck) in trench deposited la	Net Total Rs 97.08 es, plinth, s	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead 6.900 -0.650	ogram 106.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity Deduct PCC Deduct Masonry	6.9 -0.65 -0.19	excluding rood dating each	1 kilogram (ck) in trench deposited la	Net Total Rs 97.08 Rs 97.08 Res, plinth, sayer by rame on 0.350	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead 6.900 -0.650 -0.190	ogram 106.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity Deduct PCC Deduct Masonry	6.9 -0.65 -0.19	excluding rood dating each	1 kilogram (ck) in trench deposited la DG foundation 1.240	Net Total Rs 97.08 Rs 97.08 Res, plinth, sayer by rame on 0.350	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead 6.900 -0.650 -0.190	ogram 06.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity Deduct PCC Deduct Masonry Plinth filling	6.9 -0.65 -0.19	excluding rood dating each	1 kilogram (ck) in trench deposited la DG foundation 1.240	Net Total Rs 97.08 Rs 97.08 Res, plinth, sayer by rame on 0.350	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead 6.900 -0.650 -0.190 0.903	ogram 06.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity Deduct PCC Deduct Masonry Plinth filling Excavated quantity	6.9 -0.65 -0.19 1	excluding rood dating each	1 kilogram (ck) in trench deposited la DG foundation 1.240	Net Total Rs 97.08 Rs 97.08 Res, plinth, sayer by rame on 0.350	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead 6.900 -0.650 -0.190 0.903	ogram 06.20 n layers	
9	Filling available excava exceeding 20 cm in depart and lift up to 1.5 m. Excavated quantity Deduct PCC Deduct Masonry Plinth filling Excavated quantity PCC	6.9 -0.65 -0.19 1 2.3 -0.08	excluding rood dating each	1 kilogram (ck) in trench deposited la DG foundation 1.240	Net Total Rs 97.08 Rs 97.08 Res, plinth, sayer by rame on 0.350 dation	al Quantity / kilogram ides of foun	93.801 kild Rs 91 dation etc. in atering, lead 6.900 -0.650 -0.190 0.903 2.300 -0.080	ogram 06.20 I layers up to 50	

	Net Total Quantity						8.923 cum		
	Say 8.923 cum @ Rs 255.35 / cum							78.49	
10	50.6.7.1 Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cemen mortar 1:6 for foundation and basement including all cost of materials, labour charges etc.								
	DG foundation								
		2	2.080	0.200	0.550		0.458		
		2	0.840	0.200	0.550		0.185		
					Tota	al Quantity	0.643 cum		
				To	otal Deducte	d Quantity	0.000 cum	l	
			C	B.	Net Tota	al Quantity	0.643 cum	ı	
			Sa	y 0.643 cum	@ Rs 7159	.07 / cum	Rs 46	03.28	
	9 mm cement plaste charges etc complet		41/10	ent : 3 fine OG foundation	1-21	uding all co	ost of materi	als, lab	
	Foundation side	1	6.640		0.450		2.988		
	Тор	1	2.080	1.240			2.580		
	Other Engin Street Light foundation ations								
		2	1,600		0.300		0.960		
		2	0.400		0.400	₹,	0.321		
		Total Quantity 6.849 sqm							
					Tota	al Quantity	6.849 sqm		
				To	Tota	<u> </u>	6.849 sqm 0.000 sqm		
				To	otal Deducte	<u> </u>		ı	
			Si		otal Deducte	d Quantity	0.000 sqm 6.849 sqm	ı	
12	13.43.1 Applying one coat of surface:Water thinn		nable ceme	ay 6.849 sq	otal Deducte Net Tota m @ Rs 287	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19	70.32	
12	Applying one coat of		nnable ceme t primer	ay 6.849 sq	Net Total Met Total m @ Rs 287 of approved	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19	70.32	
12	Applying one coat of		nnable ceme t primer	ay 6.849 sq ent primer c	Net Total Met Total m @ Rs 287 of approved	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19	70.32	
12	Applying one coat of surface:Water thinn	able cemen	nnable ceme t primer	ay 6.849 sq ent primer c	Net Total Met Total m @ Rs 287 of approved	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19	70.32	
12	Applying one coat of surface:Water thinn Foundation side	able cemen	nnable ceme t primer 6.640 2.080	ay 6.849 sq ent primer o	Net Total Met Total m @ Rs 287 of approved on 0.450	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19 manufactu 2.988	70.32	
12	Applying one coat of surface:Water thinn Foundation side	able cemen	nnable ceme t primer 6.640 2.080	ay 6.849 sq ent primer of DG foundation 1.240	Net Total Met Total m @ Rs 287 of approved on 0.450	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19 manufactu 2.988	70.32	
12	Applying one coat of surface:Water thinn Foundation side	able cemen	6.640 2.080 Stree	ay 6.849 sq ent primer of DG foundation 1.240	Net Total Met Total m @ Rs 287 of approved on 0.450 dation	d Quantity al Quantity .68 / sqm	0.000 sqm 6.849 sqm Rs 19 manufactu 2.988 2.580	70.32	

				10	tal Deducte	d Quantity	0.000 sqn	า
					Net Tot	al Quantity	6.849 sqn	า
	Say 6.849 sqm @ Rs 69.76 / sqm					9.76 / sqm	Rs 4	77.79
13	13.60.1 Wall painting with acry or more coats on new	-	n paint of app	proved brand	d and manı	ıfacture to g	ive an even	shade:
				OG foundatio	n			
	Foundation side	1	6.640		0.450		2.988	
	Тор	1	2.080	1.240			2.580	
			Stree	t Light found	dation			
		2	1.600	B.	0.300		0.960	
		2	0.400	W.	0.400		0.321	
	Total Quantity					al Quantity	6.849 sqn	า
		11	MAG	To	tal Deducte	d Quantity	0.000 sqn	า
	Net Total Quantity 6.849 sqm					า		
14	10.16.1 Steel work in built up	•	und, square		ular hollow	tubes etc.)	trusses etc	
14		g position ar	und, square nd applying a ashers etc.	or rectang	ular hollow at of appro ot finished v	tubes etc.) ved steel pr	trusses etc	:., includ
14	Steel work in built up cutting, hoisting, fixing	g position ar al shaped w	und, square nd applying a ashers etc.	or rectange a priming co complete.Ho	ular hollow pat of appro ot finished v	tubes etc.) ved steel pr velded type	trusses etc imer, includ tubes	:., including weld
14	Steel work in built up cutting, hoisting, fixing	g position ar al shaped w	und, square nd applying a ashers etc.	or rectange a priming co complete.Ho DG roof truss 0.940	ular hollow pat of appro ot finished v	tubes etc.) yed steel pr yelded type 16.14 al Quantity	trusses etc imer, includ tubes	:., including weld
14	Steel work in built up cutting, hoisting, fixing	g position ar al shaped w	und, square nd applying a ashers etc.	or rectange a priming co complete.Ho DG roof truss 0.940	ular hollow pat of appro ot finished v s Tot otal Deducte	tubes etc.) yed steel pr yelded type 16.14 al Quantity	trusses etc imer, includ tubes 27.006 27.006 kg	ing weld
14	Steel work in built up cutting, hoisting, fixing	g position ar al shaped w	und, square nd applying a ashers etc.	or rectange a priming co complete.Ho DG roof truss 0.940	ular hollow pat of appro ot finished v s Tot otal Deducte Net Tot	tubes etc.) yed steel pr yelded type 16.14 al Quantity d Quantity al Quantity	trusses etc imer, includ tubes 27.006 27.006 kg 0.000 kg 27.006 kg	ing weld
14	Steel work in built up cutting, hoisting, fixing and bolted with special and bolted with special od166454/2022_2023 Derived 12.50 by Engineer-in-charge 55% aluminum, 43.5% good corrosion resistance specified and as direct tapping screws and experience.	position are all shaped we have and fine and head arcted by the excluding the	und, square ad applying a ashers etc. 1.780 ixing precoat (+0.5%), total 1.5% silicon at reflectivity Engineer-in	s or rectange a priming concomplete. Ho DG roof truss 0.940 To Say 27.006 ted Galvalum tal coated the by weight, a including all n-Charge. To the coated	Tot tal Deducte Net Tot skg @ Rs 1 ne Sheets (nickness Tr applied by t cost of cor he sheet sl	tubes etc.) yed steel provelded type 16.14 al Quantity d Quantity al Quantity 66.71 / kg size, shape to alloy coat the hot-dipping veyance an all be fixed	trusses etcomer, include tubes 27.006 27.006 kg 0.000 kg 27.006 kg Rs 49 and colour atting nominating process diabour charted tusing self	502.17 as approally contained have drilling/
	od166454/2022_2023 Derived 12.50 by Engineer-in-charge 55% aluminum, 43.5% good corrosion resistates specified and as dire	position are all shaped we have and fine and head arcted by the excluding the	und, square ad applying a ashers etc. 1.780 ixing precoat (+0.5%), total 1.5% silicon at reflectivity Engineer-in	s or rectange a priming concomplete. Ho DG roof truss 0.940 To Say 27.006 ted Galvalum tal coated the by weight, a including all n-Charge. To the coated	Tot tal Deducte Net Tot skg @ Rs 1 ne Sheets (nickness Tr applied by t cost of cor he sheet sl	tubes etc.) yed steel provelded type 16.14 al Quantity d Quantity al Quantity 66.71 / kg size, shape to alloy coat the hot-dipping veyance an all be fixed	trusses etcomer, include tubes 27.006 27.006 kg 0.000 kg 27.006 kg Rs 49 and colour atting nominating process diabour charted tusing self	502.17 as approally contained have drilling/

Total Deducte	d Quantity	0.000 sqm	1		
Net Total Quantity					
Say 2.008 sqm @ Rs 734.95 / sqm					
g with synthetic enamel paint of approved brand and manufac	ture to give	an even sha	ade:Two c		
1 2.000		2.000			
Total Quantity					
Total Deducted Quantity					
Net Total Quantity					
Say 2.000 sqm @ Rs 141.26 / sqm					
Provision for GST payments (in %) @		0.0%			
Amount reserved for GST payments		0.00			
Total		12233292.0	0		
Lumpsum for round off	4	0.00			
	T.	OTAL Rs 12	2233292.00		
Rounded Total Rs 1,22,33,292					
Rupees One Crore Twenty Two Lakh Thirty Three Thousand Two Hundred and Ninety Two Only					
Other Engineering Organisation	ns				

(Cost Index Applied for this estimate is 33.9%)

Data Analysis

Type - A - Civil Woks(For 1 Housing Unit)

1 Specification Code: od166455/2022_2023

od166455/2022_2023 :Modified 4.13 Applying a coat of Inertol Poxitar Coal tar epoxy coating per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.

Details of cost for 10 sqm

Code	Descri	ption			Unit	Quantity	Rate	Amount
MR	Inerto	l Poxitar Coal tar ep	oxy coating	6	kg	6.70000	300.00	2010.00
0114	Belda	r	JAM	1/92	Day	0.12000	558.00	66.96
0115	Coolie)	- E. S. W		Day	0.07000	558.00	39.06
0131	Painte	er		35 7	Day	0.20000	679.00	135.80
9988	Carria	ge and sundries	NO NO		L.S	33.15000	2.00	66.30
		43	11. Las			TOTA	AL	2318.12
		cost for 10.0		10 10 10 10 10 10 10 10 10 10 10 10 10 1				2318.12
		cost for one	er Engineeri	ng Org	anisati	ons		231.81
		say	K					231.81

Add Water Charges @ 1.0%		2.31	
Add CPOH @ 15.0%			35.11
Cost index 33.9 %			12.13
Total with Cost index			281.38
Say			281.38

2 Specification Code: od166456/2022_2023

od166456/2022_2023 :OD Applying Antitermite treatment on flooring using emidoclocrid chemical which is ecofriendly and nil harm ful for human beings and pet animals which control the pests including all cost and

labour charges etc complete

Code	Descri	ption			Unit	Quantity	Rate	Amount
MR	Quotation rate for Anitermite treatment			sqm	1.00000	110.00	110.00	
	TO					TOTA	AL	110.00
cost for one sgm 110					110.00			
		say						110.00

Add Water Charges @ 1.0%	1.10
Add CPOH @ 15.0%	16.66
Cost index 33.9 %	-0.01
Total with Cost index	127.77
Say	127.77

3 Specification Code: od166457/2022_2023

Other Engineering Organisations

od166457/2022_2023 :Modified 50.6.3.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10 cm or nearest available size confirming to IS 2185 part I of 1979 for super structure from floor two level to Level 5 for 10 cm thick wall in : CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding complete

complete

br>

Details of cost for one cum

Code	Description	Unit	Quantity	Rate	Amount
MR5	Solid blocks of size 40x20x10cm	each	116.00000	26.00	3016.00
3.11	Rate as per item number3.11of SH:Mortars	cum	0.08150	3356.15	273.53
9999	Sundries	L.S	13.52000	2.00	27.04
0123	Mason (brick layer) Ist class	Day	0.60000	738.00	442.80
0124	Mason (brick layer)2nd class	Day	0.60000	679.00	407.40
0115	Coolie	Day	2.00000	558.00	1116.00
0101	Bhisti	Day	0.70000	617.00	431.90
9999	Sundries	L.S	22.36000	2.00	44.72
0115	Coolie	Day	1.13000	558.00	630.54

		TOTAL	6389.93
	CC	ost for one cum	6389.93
say			6389.93

Add Water Charges @ 1.0%	63.89
Add CPOH @ 15.0%	968.07
Cost index 33.9 %	1328.47
Total with Cost index	8750.38
Say	8750.38

	4	Specification	Code:	od166458/2022	2023
--	---	---------------	-------	---------------	------

od166458/2022_2023 :OD Supplying and filling with cinder under , ramming consolidating and dressing complete. including all cost of materials, labour charges etc complete

complete.

Detailes for 16.81 Cum

;(16.81x0.899 MT/m3= 15.11MT)Other Engineering Organisations

Code	Descri	ption			Unit	Quantity	Rat	е	Amount
MR	Cinde	r			MT	10.77521	17	00.00	18317.86
0155	Masor	n (average)			Day	1.00000	70	09.00	709.00
0128	Mate				Day	3.00000	6	17.00	1851.00
0115	Coolie	e			Day	9.00000	5	58.00	5022.00
						TOTA	۸L	2	25899.86
		cost for 16.81						2	25899.86
		cost for one							1540.74
		say							1540.74
	_			<u> </u>					
	Add Water Charges @ 1.0%							15.40	
		Ad	dd CPOH @ 15.0	0%					233.42

Cost index 33.9 %		177.59
Total with Cost index		1967.17
Say		1967.17

5 Specification Code: od166459/2022_2023

od166459/2022_2023 :OD Providing water cutting to bottom edge side of slab/sunshade by 25mm wide and 15mm thick in cement mortar 1:3 including cost and conveyance of all materials, labour charges etc complete

Details for 10metre

Code	Descri	ption	THE R	35 //	Unit	Quantity	Rate	Amount
0983	Fine s	and (zone IV)	KINE		cum	0.00500	900.00	4.50
2261	Fine s	and (1 part badarpu	r sand : 2 parts jam	una sand	cum	0.00500	103.77	0.52
0367	Portla	Portland Cement			tonne	0.00240	4940.00	11.86
2209	Ceme	nt	No.	a anta	tonne	0.00240	92.24	0.22
0155	Masoi	n (average) Othe	er Engineeri	ng Org	ani _{Day} ti	On _{0.70000}	709.00	496.30
0115	Coolie				Day	0.30000	558.00	167.40
9999	Sundr	ries			L.S	4.33500	2.00	8.67
						TOTA	AL	689.47
		cost for 10.0 metre						689.47
		cost for one metre						68.95
		say	_					68.95

Add Water Charges @ 1.0%		0.68
Add CPOH @ 15.0%		10.44
Cost index 33.9 %		27.14
Total with Cost index		107.23
Say		107.23

6 Specification Code: od166460/2022_2023

od166460/2022_2023 :Modified 50.9.1.2 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood

Details of cost for 0.036 cum

MATERIALS:

Code	Descri	otion	B	P.	Unit	Quantity	Rate	Amount		
MR	Pinco	da wood scantls	190		cum	0.03800	120000.00	4560.00		
0156	Carpe	nter (average)	- K3 B	B 757	Day	0.72000	709.00	510.48		
0114	Belda	r	I WAR	51/1	Day	0.07000	558.00	39.06		
)	MINE		TA	TOTA	AL	5109.54		
		cost for 0.036						5109.54		
		cost for one	er Engineeri	ng Org	anisati	ons	14	11931.67		
		say	R			7	14	11931.67		

Add Water Charges @ 1.0%	1419.31
Add CPOH @ 15.0%	21502.64
Cost index 33.9 %	6010.57
Total with Cost index	170864.2 1
Say	170864.2 1

7 Specification Code: od166461/2022_2023

od166461/2022_2023 :Modified 50.9.3.2 Providing and fixing paneled or paneled and glazed shutters for

doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge.using Pincoda wood.

Details of cost for 2.16 sqm

Code	Descrip	otion			U	Jnit	Quantity	Rate	Amount
MR	Pinco	da wood scantls <br< td=""><td>></td><td></td><td></td><td>cum</td><td>0.04400</td><td>120000.00</td><td>5280.00</td></br<>	>			cum	0.04400	120000.00	5280.00
0595	1	finished or black en x1.90 mm	ameled mild steel b	utt hinge	es	10 nos	6.00000	80.00	48.00
0597	_	finished or black en 1.50 mm	ameled mild steel b	utt hinge	es	10 nos	2.00000	49.00	9.80
0637	Bright mm <br< td=""><td>finished or black en</td><td>ameled mild steel s</td><td>crews 40</td><td>0</td><td>100 nos</td><td>48.00000</td><td>60.00</td><td>28.80</td></br<>	finished or black en	ameled mild steel s	crews 40	0	100 nos	48.00000	60.00	28.80
0640	Bright mm <br< td=""><td>finished or black en</td><td>ameled mild steel s</td><td>crews 20</td><td>0</td><td>100 nos</td><td>8.00000</td><td>30.00</td><td>2.40</td></br<>	finished or black en	ameled mild steel s	crews 20	0	100 nos	8.00000	30.00	2.40
0156	Carpe	nter (average)	AIDE			Day	1.83000	709.00	1297.47
0114	Beldar <br< td=""><td><u>}</u></td><td>Day</td><td>0.76000</td><td>558.00</td><td>424.08</td></br<>			<u>}</u>	Day	0.76000	558.00	424.08	
9999	Sundr	ies		in of S	27	L.S	35.88000	2.00	71.76
		Othe	er Engineeri	ng O	raai	nicati	TOT	AL	7162.31
		cost for 2.16	R]			1	7		7162.31
		cost for one sqm							3315.88
		say							3315.88
		Add Water	Charges @ 1.0	1%					33.15
	Add CPOH @ 15.0% Cost index 33.9 %							502.35	
								343.12	
		7	otal with Cost in	ndex					4194.52
				Say					4194.52

8 Specification Code: od166462/2022_2023

od166462/2022_2023 :Modified 50.9.4.2 Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel excluding portion inside grooves or rebates to be measured). Paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Pincoda wood

Details of cost for 0.66 Sqm

Code	Description	Unit	Quantity	Rate	Amount
MR	Pincoda wood planks	cum	0.01290	120000.00	1548.00
0111	Carpender Ist Class	Day	0.57000	738.00	420.66
9999	Sundries	L.S	4.42000	2.00	8.84
	19391	_	TOTA	AL	1977.50
	cost for 0.66				1977.50
	cost for one sqm		L		2996.21
	say				2996.21

Add Water Charges @ 1.0%	Organisa	tions	29.96
Add CPOH @ 15.0%			453.92
Cost index 33.9 %			256.23
Total with Cost index			3736.33
Say	_		3736.33

9 Specification Code: od166463/2022_2023

od166463/2022_2023 :OD Melamine polishing on wood work (one or more coat) for new work

Details of cost for 10 sqm

Code	Description	Unit	Quantity	Rate	Amount
7241	Melamine polish	Litre	0.97500	280.00	273.00
0006	Hire charges of sparaying machine including electric charges	Day	1.17000	250.00	292.50

9988	Carriage and sundries	L.S	6.63000	2.00	13.26
0131	Painter	Day	0.52500	679.00	356.48
0115	Coolie	Day	0.52500	558.00	292.95
9999	Sundries	L.S	6.63000	2.00	13.26

			TOTAL	1241.45
cost for 10.0				1241.45
cost for one				124.14
say	JAM.	19		124.14

Add Water Charges @ 1.0%	1.24
Add CPOH @ 15.0%	18.80
Cost index 33.9 %	48.87
Total with Cost index	193.07
Other Engineering Organisations	193.07

10 Specification Code: od166464/2022_2023

od166464/2022_2023 :OD Preparation of wood surface For melamine polish:Melamine polishing on wood work with two coats after preparing base rubbing and cleaning emery paper, filling holes and finishing the surface with ceiler and melamine ceiler two coats including all cost and labour charges etc. complete

Details of cost for 10 sqm

Code	Description	Unit	Quantity	Rate	Amount
MR	Sanding paper 80	metre	1.00000	27.97	27.97
MR	Sanding paper 100	metre	1.00000	27.97	27.97
MR	Sanding sealer	Litre	1.00000	167.80	167.80
MR	NC Thinner	Litre	1.00000	81.36	81.36
MR	melamine sealer br>	Litre	2.00000	233.05	466.10
0131	Painter	Day	1.12500	679.00	763.88

		TOTAL	2162.83
cost for 10.0			2162.83
cost for one			216.28
say			216.28

Add Water Charges @ 1.0%	2.16
Add CPOH @ 15.0%	32.76
Cost index 33.9 %	54.79
Total with Cost index	306.00
Say	306.00

11 Specification Code: od166465/2022_2023

Other Engineering Organisations

od166465/2022_2023 :Modified 21.2.2 Providing and fixing 4 mm thick ACP sheet conforming to IS : 12823
Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass /
stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in-

Charge.

Details of cost for 7 sqm 4 mm thick ACP = 7.00 sqm Add 5% wastage = 0.35 sqm

Total = 7.35 sqm

Code	Description	Unit	Quantity	Rate	Amount
2631	4 mm thick ACP	sqm	7.35000	1100.00	8085.00
9977	Carriage of particle board	L.S	13.65000	2.00	27.30
9999	Sundries & screws etc. LABOUR:	L.S	27.30000	2.00	54.60
0112	Carpenter 2nd class	Day	0.90000	679.00	611.10
0114	Beldar	Day	1.00000	558.00	558.00
			TOTA	AL	9336.00

cost for 7.0		9336.00
cost for one		1333.71
say		1333.71

Add Water Charges @ 1.0%		13.33
Add CPOH @ 15.0%		202.05
Cost index 33.9 %		525.14
Total with Cost index	-	2074.25
Say	60	2074.25

12 Specification Code: od166466/2022_2023

od166466/2022_2023 :Providing PVC Tile beading in the edges and corners of tile work including cost conveyance labour charges etc complete.

cost for 10 m

Code	Descri	ption		1		Unit	Quantity	Rate	Amount
MR	Tile be	eading				metre	10.00000	31.28	312.80
0114	0114 Beldar				Day	0.25000	558.00	139.50	
							TOTA	AL	452.30
		cost for 10.0 metre							452.30
		cost for one metre							45.23
		say							45.23

Add Water Charges @ 1.0%		0.45
Add CPOH @ 15.0%		6.85

Cost index 33.9 %		5.49
Total with Cost index		58.03
Say		58.03

Type B - Civil Works

1 Specification Code: od166455/2022_2023

od166455/2022_2023 :Modified 4.13 Applying a coat of Inertol Poxitar Coal tar epoxy coating per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.

Details of cost for 10 sqm

Code	Descri	ption		YAK?	٦	Unit	J	Quantity	Rat	te	Amount
MR	Inerto	l Poxitar Coal tar epo	oxy coating		P	kg	À	6.70000	3	00.00	2010.00
0114	Belda	r			ij,	Day		0.12000	5	58.00	66.96
0115	Coolie)	A Para	a and	4.5	Day		0.07000	5	58.00	39.06
0131	Painte	er Othe	er Engineeri	ng Or	g	ni _{Say} t	10	10.20000	6	79.00	135.80
9988	Carria	ge and sundries				L.S		33.15000		2.00	66.30
		Γ	K					TOTA	۸L		2318.12
		cost for 10.0 sqm									2318.12
		cost for one sqm									231.81
		say									231.81
		Add Water	Charges @ 1.0)%							2.31

Add CPOH @ 15.0%

Cost index 33.9 %

Total with Cost index

Say

35.11

12.13

281.38

281.38

2 Specification Code: od166456/2022_2023

od166456/2022_2023 :OD Applying Antitermite treatment on flooring using emidoclocrid chemical which is ecofriendly and nil harm ful for human beings and pet animals which control the pests including all cost and labour charges etc complete

Code	Description	Unit	Quantity	Rate	Amount	
MR	Quotation rate for Anitermite	sqm	1.00000	110.00	110.00	
	TOTAL					110.00
		A THE STATE OF THE	cost	for one sq	m	110.00
	say	- C+ 5 6 5	2			110.00

Add Water Charges @ 1.0%	1.10
Add CPOH @ 15.0%	16.66
Cost index 33.9 %	-0.01
Oth rotal with Cost lindex Organisations	127.77
Say	127.77

3 Specification Code: od166457/2022_2023

od166457/2022_2023 :Modified 50.6.3.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10 cm or nearest available size confirming to IS 2185 part I of 1979 for super structure from floor two level to Level 5 for 10 cm thick wall in : CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding complete

complete

try

Details of cost for one cum

Code	Description	Unit	Quantity	Rate	Amount
MR5	Solid blocks of size 40x20x10cm	each	116.00000	26.00	3016.00
3.11	Rate as per item number3.11of SH:Mortars	cum	0.08150	3356.15	273.53
9999	Sundries	L.S	13.52000	2.00	27.04
0123	Mason (brick layer) lst class	Day	0.60000	738.00	442.80

0124	Mason (brick layer)2nd class	Day	0.60000	679.00	407.40
0115	Coolie	Day	2.00000	558.00	1116.00
0101	Bhisti	Day	0.70000	617.00	431.90
9999	Sundries	L.S	22.36000	2.00	44.72
0115	Coolie	Day	1.13000	558.00	630.54

			TOTAL	6389.93
cost for one cum				
say				6389.93

Add Water Charges @ 1.0%	63.89
Add CPOH @ 15.0%	968.07
Cost index 33.9 %	1328.47
Total with Cost index	8750.38
Say	8750.38

ı	()the	er	Hn	191110	ering ()rganisations
ı	4 Specification Code: od166458/2022	202	23	181110		$\overline{}$	15ambanoms

od166458/2022_2023 :OD Supplying and filling with cinder under , ramming consolidating and dressing complete. including all cost of materials, labour charges etc complete

ter complete of the control of the contr

Detailes for 16.81 Cum

;(16.81x0.899 MT/m3= 15.11MT)

Code	Descri	Description			Unit	Quantity	Rate	Amount
MR Cinder			MT	10.77521	1700.00	18317.86		
0155	Masor	n (average)			Day	1.00000	709.00	709.00
0128	0128 Mate			Day	3.00000	617.00	1851.00	
0115	Coolie)			Day	9.00000	558.00	5022.00
					TOTA	AL 2	25899.86	
cost for 16.81						2	25899.86	

cost for one		1540.74
say		1540.74

Add Water Charges @ 1.0%	15.40
Add CPOH @ 15.0%	233.42
Cost index 33.9 %	177.59
Total with Cost index	1967.17
Say	1967.17

5 Specification Code: od166459/2022_2023

od166459/2022_2023 :OD Providing water cutting to bottom edge side of slab/sunshade by 25mm wide and 15mm thick in cement mortar 1:3 including cost and conveyance of all materials, labour charges etc complete

complete

description of the content mortar 1:3 including cost and conveyance of all materials, labour charges etc

Details for 10metre

Other Engineering Organisations

Code	Descri	ption			Unit	Quantity	Rate	Amount
0983	Fine s	and (zone IV)	11		cum	0.00500	900.00	4.50
2261	Fine s	and (1 part badarpu	r sand : 2 parts jam	una sand	cum	0.00500	103.77	0.52
0367	Portla	nd Cement			tonne	0.00240	4940.00	11.86
2209	Ceme	nt			tonne	0.00240	92.24	0.22
0155	Masor	n (average)			Day	0.70000	709.00	496.30
0115	Coolie)			Day 0.30000		558.00	167.40
9999	Sundr	ies			L.S	4.33500	2.00	8.67
						TOT	AL	689.47
		cost for 10.0 metre						689.47
		cost for one metre						68.95
		say						68.95

Add Water Charges @ 1.0%		0.68
Add CPOH @ 15.0%		10.44
Cost index 33.9 %		27.14
Total with Cost index		107.23
Say		107.23

6 Specification Code: od166460/2022_2023

od166460/2022_2023 :Modified 50.9.1.2 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood

Details of cost for 0.036 cum

MATERIALS:

IVII (TETAI)		*							
Code	Descri	otion	- Marin	10 D 2	Unit	Quantity	Rat	е	Amount
MR	Pincoda wood scantisther Engineering Org				ganicumti	010,03800	120	000.00	4560.00
0156	Carpenter (average)			Day	0.72000	70	09.00	510.48	
0114	Beldaı	r			Day	0.07000	5	58.00	39.06
						TOTA	AL		5109.54
		cost for 0.036							5109.54
cost for one cum							14	1931.67	
		say						14	1931.67
		Add Water	Charges @ 1.0	%					1419.31
	Add CPOH @ 15.0%							21502.64	
			Cost index 33.9	9 %					6010.57
		Т	otal with Cost in	dex					170864.2 1

7 Specification Code: od166461/2022_2023

od166461/2022_2023 :Modified 50.9.3.2 Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge.using Pincoda wood.

Details of cost for 2.16 sqm

Code	Descri	ption	- R3 B	8 4	Unit	Quantity	Rate	Amount
MR	Pinco	da wood scantls <br< td=""><td>>1 "Y\ (l)</td><td>51/1</td><td>cum</td><td>0.04400</td><td>120000.00</td><td>5280.00</td></br<>	>1 "Y\ (l)	51/1	cum	0.04400	120000.00	5280.00
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm 			10 nos	6.00000	80.00	48.00	
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm 			10 nos	2.00000	49.00	9.80	
0637	Bright finished or black enameled mild steel screws 40 gmm br>			1100 nos	148.00000	60.00	28.80	
0640	Bright finished or black enameled mild steel screws 20 mm br>			100 nos	8.00000	30.00	2.40	
0156	Carpe	Carpenter (average)			Day	1.83000	709.00	1297.47
0114	Belda	r			Day	0.76000	558.00	424.08
9999	Sundr	ies			L.S	35.88000	2.00	71.76
						TOTA	AL.	7162.31
		cost for 2.16						7162.31
		cost for one sqm						3315.88
		say						3315.88

Add Water Charges @ 1.0%		33.15
Add CPOH @ 15.0%		502.35

Cost index 33.9 %		343.12
Total with Cost index		4194.52
Say		4194.52

8 Specification Code: od166462/2022_2023

od166462/2022_2023 :Modified 50.9.4.2 Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel excluding portion inside grooves or rebates to be measured). Paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Pincoda wood

Details of cost for 0.66 Sqm

Code	Descri	ption	E J NOTE	30 V A	Unit	Quantity	Rate	Amount
MR	Pinco	da wood planks <br< td=""><td>作し場</td><td></td><td>cum</td><td>0.01290</td><td>120000.00</td><td>1548.00</td></br<>	作し場		cum	0.01290	120000.00	1548.00
0111	Carpe	ender Ist Class			Day	0.57000	738.00	420.66
9999	Sundr	Sundries				4.42000	2.00	8.84
		Othe	er Engineeri	ng Org	anisati	ons tota	AL	1977.50
		cost for 0.66	R		T	7		1977.50
		cost for one						2996.21
		say						2996.21

Add Water Charges @ 1.0%		29.96
Add CPOH @ 15.0%		453.92
Cost index 33.9 %		256.23
Total with Cost index		3736.33
Say		3736.33

9 Specification Code: od166463/2022_2023

od166463/2022_2023 :OD Melamine polishing on wood work (one or more coat) for new work

Details of cost for 10 sqm

Code	Descri	ption		Unit		Quantity	Rate)	Amount
7241	Melan	nine polish		Lit	tre	0.97500	28	80.00	273.00
0006	Hire cl		achine including electric	Da	ay	1.17000	25	50.00	292.50
9988	Carria	ge and sundries		L.	.S	6.63000	2	2.00	13.26
0131	Painte	er	1.5 922	Da	ay	0.52500	67	9.00	356.48
0115	Coolie	•	/Geal	Da	ay	0.52500	55	8.00	292.95
9999	Sundr	ies	-2111) _L	.S	6.63000	2	2.00	13.26
			- Chr 580 5	W.		TOT	AL		1241.45
		cost for 10.0	H DAY		3	L			1241.45
		cost for one sqm							124.14
		Sather	Engineering O	rganis	ati	ons			124.14
		D	DI		T			ĺ	
		Add Water 0	Charges @ 1.0%		I				1.24
		Add	CPOH @ 15.0%						18.80
		C	ost index 33.9 %						48.87
		То	tal with Cost index						193.07

10 Specification Code: od166464/2022_2023

od166464/2022_2023 :OD Preparation of wood surface For melamine polish:Melamine polishing on wood work with two coats after preparing base rubbing and cleaning emery paper, filling holes and finishing the surface with ceiler and melamine ceiler two coats including all cost and labour charges etc. complete

Details of cost for 10 sqm

Say

193.07

Code	Descrip	otion			Unit	Quantity	Rate	Amount
MR	Sandir	ng paper 80			metre	1.00000	27.97	27.97
MR	Sandir	ng paper 100			metre	1.00000	27.97	27.97
MR	Sandir	ng sealer			Litre	1.00000	167.80	167.80
MR	NC Th	ninner			Litre	1.00000	81.36	81.36
MR	melam	nine sealer			Litre	2.00000	233.05	466.10
0131	Painte	er			Day	1.12500	679.00	763.88
0115	Coolie)			Day	1.12500	558.00	627.75
						TOTA	AL	2162.83
		cost for 10.0 sqm	J.					2162.83
		cost for one sqm	IK	52	N			216.28
		say		150	1	LL.		216.28

Add Water Charges @ 1.0%	2.16
Other CPOH @ 15.0% Organisations	32.76
Cost index 33.9 %	54.79
Total with Cost index	306.00
Say	306.00

11 Specification Code: od166465/2022_2023

od166465/2022_2023 :Modified 21.2.2 Providing and fixing 4 mm thick ACP sheet conforming to IS : 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in-Charge.

Charge.

Details of cost for 7 sqm 4 mm thick ACP = 7.00 sqm Add 5% wastage = 0.35 sqm Total = 7.35 sqm

Code	Description	Unit	Quantity	Rate	Amount
2631	4 mm thick ACP	sqm	7.35000	1100.00	8085.00
9977	Carriage of particle board	L.S	13.65000	2.00	27.30
9999	Sundries & screws etc. LABOUR:	L.S	27.30000	2.00	54.60
0112	Carpenter 2nd class	Day	0.90000	679.00	611.10
0114	Beldar	Day	1.00000	558.00	558.00

			TOTAL	9336.00
cost for 7.0				9336.00
cost for one sqm				1333.71
say	TAX	3 W 1		1333.71
	E JA KNEE			

Add Water Charges @ 1.0%	13.33
Add CPOH @ 15.0%	202.05
Cost index 33.9 %	525.14
Other Engineering Organisations Total with Cost index	2074.25
Say	2074.25

12 Specification Code: od166466/2022_2023

od166466/2022_2023 :Providing PVC Tile beading in the edges and corners of tile work including cost conveyance labour charges etc complete.

cost for 10 m

Code	Descri	ption		Unit	Quantity	Rate	Amount
MR	Tile be	eading		metre	10.00000	31.28	312.80
0114	Beldaı	r		Day	0.25000	558.00	139.50
					TOTA	\L	452.30
		cost for 10.0 metre					452.30

cost for one metre		45.23
say		45.23

Add Water Charges @ 1.0%		0.45
Add CPOH @ 15.0%		6.85
Cost index 33.9 %		5.49
Total with Cost index		58.03
Say		58.03

DG and Street Light Foundation

1 Specification Code: od166454/2022_2023

od166454/2022_2023 :Derived 12.50

br>Providing and fixing precoated Galvalume Sheets (size, shape and colour as approved by Engineer-in-charge) 0.35 mm (+0.5%), total coated thickness The alloy coating nominally contains 55% aluminum, 43.5% zinc and 1.5% silicon by weight, applied by the hot-dipping process and having good corrosion resistance and heat-reflectivity including all cost of conveyance and labour charges etc as specified and as directed by the Engineer-in-Charge. The sheet shall be fixed using self drilling/self tapping screws and excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.

size and shape wherever required.

Consider a shed of 20x10 metres.

(External dimensions of plinth).

Area of roof-

20.2x10.70m = 216.14 sqm.

MATERIAL

Sheets used = 20 nos.x 10.70 mx 1.06 m

= 226.84 sqm

Add 3% wastage = 6.81 Sqm

Total = 233.65 sqm.

Details of cost of 216.14 sqm.

Code	Description	Unit	Quantity	Rate	Amount
MR	0.35 mm Thick Galvalume Sheet	sqm	233.65000	474.17	110789.82
1023	Galvanised steel J or L hooks 8 mm dia	10 nos	476.00000	120.00	5712.00

1208	Bitumen washer	100 nos	476.00000	30.00	142.80
1209	G.I. Plain washer thick	100 nos	476.00000	35.00	166.60
9977	Carriage	L.S	8.06000	2.00	16.12
9999	Sundries	L.S	39.52000	2.00	79.04
0130	Mistry	Day	2.34000	738.00	1726.92
0112	Carpenter 2nd class	Day	9.34000	679.00	6341.86
0114	Beldar	Day	9.34000	558.00	5211.72

			TOTAL	130186.88
cost for 216.14 sqm	A			130186.88
cost for one sqm		1		602.33
say	LINE			602.33

Add Water Charges @ 1.0%	6.02
Add CPOH @ 15.0%	91.25
Other Engineering Organisations	35.33
Total with Cost index	734.95
Say	734.95

LIFE MISSION HOUSING PROJECT, KANNUR (Electrical works)

General Abstract

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Heading Description	Amount
1	Wiring	735962.57
2	MCCB, MCB AND DB's	91843.99
3	MV CABLE LAYING	140845.42
4	EARTHING	223552.62
5	LIGHT FIXTURES AND FAN	405061.85
6	PANELS	424705.19
7	DG	398317.53
8	MISCELLANEOUS ITEMS	47380.11
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	2467669.00
	Lumpsum for round off	0.00
	I AT DISPLETE	TOTAL Rs 2467669.0
		Rounded Total Rs 24,67,66
	Rupees Twenty Four Lakh Sixty Seven Thousa	nd Six Hundred and Sixty Nine On

(Cost Index Applied for this estimate is 33.9%)
Other Engineering Organisations

PRICE

LIFE MISSION HOUSING PROJECT, KANNUR (Electrical works)

Detailed Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Description	No	L	В	D	CF	Quantity	Remark
			1 W	/iring				
1	1.10.1 Wiring for light point/ copper conductor sing modular plate, suitab conductor single core	le core cable le GI box a	e in surface Ind earthing	/ recessed r g the point	nedium clas	s PVC cond	duit,with mod	lular swite
		179					179.000	
			n.	-@-	Tot	al Quantity	179.000 p	oint
			A	To	otal Deducte	d Quantity	0.000 poir	nt
			8.39		Net Tot	al Quantity	179.000 p	oint
		610	Say 1	179.000 poir	nt @ Rs 842	.23 / point	Rs 150	759.17
	Wiring for light point/ copper conductor sing modular plate, suitab conductor single core	le core cable le GI box a	e in surface nd earthing	/ recessed r g the point	medium clas	s PVC cond	duit,with mod	lular swit
		the Er	igineeri	ng Org	anisatic	ns	72.000	
	-	D 1			Tot	al Quantity	72.000 po	int
	ed			To	otal Deducte	d Quantity	/ 0.000 point	
					Net Tot	al Quantity	72.000 po	int
			Say	72.000 poir	nt @ Rs 918	.55 / point	Rs 66	135.60
3	1.10.3 Wiring for light point/ copper conductor sing modular plate, suitab conductor single core	le core cable le GI box a	e in surface Ind earthing	/ / recessed r g the point	nedium clas	s PVC cond	duit,with mod	lular swit
		55					55.000	
					Tot	al Quantity	55.000 po	int
				To	otal Deducte	d Quantity	0.000 poir	nt
					Net Tot	al Quantity	55.000 po	int
			Say 5	55.000 point	@ Rs 1162	.25 / point	Rs 63	923.75
4	1.55.2 Wiring for group conindependent switch e	, ,	,	•		•	•	•

	surface/ recessed PV0 conductor single core		_	-	with 1.5 sq.	mm FRLS	PVC insula	ted copper
		3					3.000	
					Tota	al Quantity	3.000 poir	nt
				To	tal Deducte	d Quantity	0.000 poir	nt
					Net Tota	al Quantity	3.000 poir	nt
			Say	/ 3.000 poin	t @ Rs 595	.86 / point	Rs 17	787.58
5	1.55.3 Wiring for group cont independent switch et surface/ recessed PV6 conductor single core	c.) with 1.5 C conduit, a	sq. mm FR and earthing	LS PVC ins	sulated cop	per conduct	or single co	ore cable in
		28		W.C.			28.000	
			43 6	B 54	Tota	al Quantity	28.000 po	int
		(L	N. E.	To	tal Deducte	d Quantity	0.000 poir	nt
		NA	IDE		Net Tota	al Quantity	28.000 point	
		1614	Say	28.000 poin	t @ Rs 652	.09 / point	Rs 18	258.52
6	1.17.3 Supplying and drawing existing surface / reces	4					single core	cable in the
		1	1380.000		1 T	7	1380.000	
			K		Tota	al Quantity	1380.000	metre
				To	otal Deducte	d Quantity	0.000 metre	
					Net Tota	al Quantity	1380.000	metre
			Say 138	30.000 metr	e @ Rs 62.9	93 / metre	Rs 86	843.40
7	1.17.12 Supplying and drawing existing surface / reces	Ū			• •	•	single core	cable in the
		1	130.000				130.000	
					Tota	al Quantity	130.000 n	netre
				To	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	130.000 n	netre
			Say 13	30.000 metr	e @ Rs 88.3	37 / metre	Rs 11	488.10
8	1.17.21 Supplying and drawing existing surface / reces	_					single core	cable in the

		1	390.000				390.000	
					Tota	al Quantity	390.000 m	netre
				To	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	390.000 metre	
		Rs 53	266.20					
9	1.21.1 Supplying and fixing o recess including cuttin mm	J				J		
		1	1140.000				1140.000	
				0	Tota	al Quantity	1140.000	metre
			JAIS	To	tal Deducte		0.000 met	re
			E. L 11	18	Net Tota	al Quantity	1140.000	metre
			Say 114	0.000 metr	e @ Rs 97.7	75 / metre	Rs 111	435.00
	recess including cuttin	g the wall a	ina making go	oud the sai	ne in case of	oi recessed	conduit as	requirea.28
	mm	1	380.000	310			380.000	'
	mm		380.000 ngineerin	ng Orga		al Quantity	380.000 m	·
	mm					al Quantity		netre
	mm				anisation Tota	al Quantity	380.000 m	netre re
	mm		R	To	anisation Tota	al Quantity d Quantity al Quantity	380.000 m 0.000 met 380.000 m	netre re
11	1.24.1 Supplying and fixing including connections	ther Er	Say 380	.000 metre	ntal Deducte Net Tota @ Rs 105.7	al Quantity d Quantity al Quantity 78 / metre	380.000 m 0.000 met 380.000 m Rs 40	netre re netre 196.40
11	1.24.1 Supplying and fixing	ther Er	Say 380	.000 metre	ntal Deducte Net Tota @ Rs 105.7	al Quantity d Quantity al Quantity 78 / metre	380.000 m 0.000 met 380.000 m Rs 40	netre re netre 196.40
11	1.24.1 Supplying and fixing	following mes but exclude	Say 380.	.000 metre	ntal Deducte Net Tota @ Rs 105.7 on the exis	al Quantity d Quantity al Quantity 78 / metre	380.000 met 0.000 met 380.000 m Rs 40 lar plate & s switch	netre re netre 196.40 switch box
11	1.24.1 Supplying and fixing	following mes but exclude	Say 380.	.000 metre	ntal Deducte Net Tota @ Rs 105.7 on the exis	al Quantity d Quantity al Quantity 78 / metre sting moduled.5/6 amp	380.000 met 0.000 met 380.000 m Rs 40 lar plate & s switch 150.000	netre re 196.40 switch box
11	1.24.1 Supplying and fixing	following mes but exclude	Say 380.	.000 metre	on the exist as required tall Deducte	al Quantity d Quantity al Quantity 78 / metre sting moduled.5/6 amp	380.000 m 0.000 met 380.000 m Rs 40 lar plate & s switch 150.000 e	netre re 196.40 switch box
11	1.24.1 Supplying and fixing	following mes but exclude	Say 380 nodular switch ding modular 150.000	.000 metre ch/ socket r plate etc	on the exist as required tall Deducte	al Quantity d Quantity al Quantity 78 / metre sting modul ed.5/6 amp al Quantity d Quantity d Quantity	380.000 m 0.000 met 380.000 m Rs 40 lar plate & s switch 150.000 eac 150.000 e	netre re 196.40 switch box
11	1.24.1 Supplying and fixing	following management of the fo	Say 380. Say 380. nodular switch ding modular 150.000 Say 15	.000 metre ch/ socket r plate etc	on the exist at Deducte Net Tota Rs 105.7 on the exist at Deducte Net Tota tal Deducte Net Tota n @ Rs 100 on the exist	al Quantity d Quantity al Quantity 78 / metre sting modul ed.5/6 amp al Quantity d Quantity d Quantity al Quantity 43 / each	380.000 m 0.000 met 380.000 m Rs 40 lar plate & s switch 150.000 eac 150.000 e Rs 15	netre re netre 196.40 switch box ach h ach
	1.24.1 Supplying and fixing including connections 1.24.3 Supplying and fixing	following management of the fo	Say 380. Say 380. nodular switch ding modular 150.000 Say 15	.000 metre ch/ socket r plate etc	on the exist at Deducte Net Tota Rs 105.7 on the exist at Deducte Net Tota tal Deducte Net Tota n @ Rs 100 on the exist	al Quantity d Quantity al Quantity 78 / metre sting modul ed.5/6 amp al Quantity d Quantity d Quantity al Quantity 43 / each	380.000 m 0.000 met 380.000 m Rs 40 lar plate & s switch 150.000 eac 150.000 e Rs 15	netre re netre 196.40 switch box ach h ach

	Total Deducted Quantity	0.000 each							
	Net Total Quantity	39.000 each							
	Say 39.000 each @ Rs 153.99 / each	Rs 6005.61							
13	1.24.4 Supplying and fixing following modular switch/ socket on the existing modular plate & switch be including connections but excluding modular plate etc. as required.3 pin 5/6 amp socket outlet								
	150 Total Quantity	150.000 150.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	150.000 each							
	Say 150.000 each @ Rs 129.88 / each	Rs 19482.00							
14	1.24.5 Supplying and fixing following modular switch/ socket on the existing modular including connections but excluding modular plate etc. as required.6 pin 15								
	39	39.000							
	Total Quantity	39.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	39.000 each							
	Other EngineSay 39:000 each @ Rs 204,87 / each	Rs 7989.93							
15	1.38 Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete	as required.							
	18	18.000							
	Total Quantity	18.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	18.000 each							
	Say 18.000 each @ Rs 107.12 / each	Rs 1928.16							
16	1.25 Supplying and fixing two module stepped type electronic fan regulator on the switch box including connections but excluding modular plate etc. as required	•							
	59	59.000							
	Total Quantity	59.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	59.000 each							
	Say 59.000 each @ Rs 401.70 / each	Rs 23700.30							
17	1.26								

	Supplying and fixing maplate as required.	odular blanl	king plate on	the existing	g modular pl	ate & switch	box excludi	ng modular
		80					80.000	
			•		Tota	al Quantity	80.000 ea	ch
				To	otal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	80.000 ea	ch
			Sa	y 80.000 ea	ch @ Rs 37	.49 / each	Rs 29	999.20
18	1.27.2 Supplying and fixing for switches in recess etc	_			_	llar base & d	cover plate f	for modular
		75	0	.60.			75.000	
			1100		Tota	al Quantity	75.000 ea	ch
			E. L 1	To	otal Deducte	d Quantity	0.000 eac	h
		610	N. B	34/	Net Tota	al Quantity	75.000 ea	ch
		18	Say	75.000 eac	h @ Rs 313	.33 / each	Rs 23	499.75
19	1.27.4 Supplying and fixing for switches in recess etc	A Section of the second				llar base & d	cover plate f	for modular
		20 E	oinoori	na Ora	onicotio	10.0	20.000	
		ther Er	lgineeri	ng Org	Tota	al Quantity	20.000 ea	ch
			L	To	otal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	20.000 ea	ch
			Say	20.000 eac	h @ Rs 390	.99 / each	Rs 78	319.80
20	1.33 Supplying and fixing connection etc as req	•	np ceiling ro	se on the e	existing jun	ction box/ v	vooden bloo	ckincluding
		201					201.000	
					Tota	al Quantity	201.000 e	ach
				To	otal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	201.000 e	ach
			Say	201.000 ea	ch @ Rs 76	.32 / each	Rs 15	340.32
21	1.58 Supplying and fixing P	/C batten/ a	angle holder	including co	nnection etc	c. as require	d.	
		76					76.000	
					Tota	al Quantity	76.000 ea	ch

				To	otal Deducted	d Quantity	0.000 ead	ch	
					Net Tota	I Quantity	76.000 ea	ach	
	Say 76.000 each @ Rs 105.78 / each							Rs 8039.28	
SI No	Description	No	L	В	D	CF	Quantity	Remark	
			2 MCCB, M	CB AND DE	B's				
1	2.3.2 Supplying and fixing for on surface/ recess, or interconnections, power way, Double door	complete	with tinned	d copper bu	ıs bar, neut	ral bus ba	ır, earth b	ar, din ba	
		14		8 9 10 × 2			14.000		
			B	20\ 20\	Tota	I Quantity	14.000 ea	ach	
			-31	Т	otal Deducted	d Quantity	0.000 ead	ch	
			045		Net Tota	I Quantity	14.000 ea	ach	
		11	Say	14.000 each	@ Rs 2066.	08 / each	Rs 28	3925.12	
	way, Double door	ler painted	. Ha		as required. (But without	MCBIRCC		
	·	ther En	including ea		as required. (ns	1.000		
	·	ther Er	. Ha	arthing etc. a	as required. (ns I Quantity	1.000 1.000 ead	B/Isolator	
	·	ther Er	. Ha	arthing etc. a	Total Deducted	I Quantity	1.000 1.000 ead	B/Isolator ch	
	·	ther En	gineer	arthing etc. a	Total Deducted Net Total	I Quantity I Quantity I Quantity	1.000 1.000 ead 0.000 ead	B/Isolator ch ch	
3	·	5 amps to pad of follow	Say 32 amps rawing poles	y 1.000 each	Total Deducted Net Total @ Rs 2410.	Quantity Quantity Quantity Quantity 20 / each	1.000 1.000 ead 0.000 ead 1.000 ead Rs 2	B/Isolator ch ch 410.20	
3	2.10.1 Supplying and fixing suitable for inductive lo	5 amps to pad of follow	Say 32 amps rawing poles	y 1.000 each	Total Deducted Net Total @ Rs 2410.	Quantity Quantity Quantity Quantity 20 / each	1.000 1.000 ead 0.000 ead 1.000 ead Rs 2	B/Isolator ch ch 410.20	
3	2.10.1 Supplying and fixing suitable for inductive lo	5 amps to pad of follows: as require	Say 32 amps rawing poles	y 1.000 each	Total Deducted Net Total @ Rs 2410. 15 volts, "Cing MCB DB of	Quantity Quantity Quantity Quantity 20 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 2	B/Isolator ch ch 410.20 cuit break ions, testi	
3	2.10.1 Supplying and fixing suitable for inductive lo	5 amps to pad of follows: as require	Say 32 amps rawing poles	y 1.000 each ating, 240/4 in the existing ole	Total Deducted Net Total @ Rs 2410. 15 volts, "Cing MCB DB of	Il Quantity Il Quantity Il Quantity 20 / each I curve, micomplete will	1.000 1.000 eac 0.000 eac 1.000 eac Rs 2 niature circ ith connecti	B/Isolator ch ch 410.20 cuit break ions, testi	
3	2.10.1 Supplying and fixing suitable for inductive lo	5 amps to pad of follows: as require	Say 32 amps rawing poles	y 1.000 each ating, 240/4 in the existing ole	Total Deducted Rs 2410. 15 volts, "Cing MCB DB of Total Deducted	Il Quantity Il Quantity Il Quantity 20 / each I curve, micomplete will	1.000 1.000 eac 0.000 eac 1.000 eac Rs 2 niature circ ith connecti 49.000 49.000 eac	B/Isolator ch ch 410.20 cuit break ions, testi	
3	2.10.1 Supplying and fixing suitable for inductive lo	5 amps to pad of follows: as require	Say 32 amps rawing poles ed.Single p	y 1.000 each ating, 240/4 in the existing ole	Total Deducted Rs 2410. 15 volts, "Cing MCB DB of Total Deducted	I Quantity I Quantity I Quantity 20 / each Curve, micomplete will Quantity I Quantity I Quantity I Quantity I Quantity	1.000 1.000 ead 0.000 ead 1.000 ead 1.000 ead 49.000 ead 49.000 ead 49.000 ead	B/Isolator ch ch 410.20 cuit break ions, testi	

		15					15.000	
		10			Tota	L Quantity	15.000 ea	ıch
		0.000 ead						
					Net Tota	al Quantity	15.000 ea	ach
	Say 15.000 each @ Rs 652.09 / each Rs 978							
5	2.11 Supplying and fixing si	ingle pole bla	anking plate	in the existir	ng MCB DB	complete e	tc. as requir	ed.
		17					17.000	
					Tota	al Quantity	17.000 ea	ach
			160	То	tal Deducte	d Quantity	0.000 ead	:h
			-:01	M 500	Net Tota	al Quantity	17.000 ea	ach
			S	ay 17.000 ea	ach @ Rs 9	.37 / each	Rs 1	59.29
)ther Er	ngineeri	ng Orga	anisaTot	al Quantity	16.000 ea	ach
		16	M Com	MED E			16.000	
		otner Er	igineeri					
				10	tal Deducte	al Quantity	0.000 ead	
	ed		Say 1	6.000 each	@ Rs 2262	.91 / each	Rs 36	206.56
7	od294863/2021_2022 Supply, installation, t in br>accordance wit resistant, br>haloger	testing and th IEC60529 n & silicon t	commission with transparted in the commission with transparted in the commission with	ning of there parent hinge cid & anti co	moplastic ped cover en	oolycarbona vironment f closure hav	ate 3 Modu riendly, rec ving size no	le MCB
7	Supply, installation, t in tr>accordance wit resistant, br>haloger	testing and th IEC60529 n & silicon t	commission with transparted in the commission with transparted in the commission with	ning of there parent hinge cid & anti co	moplastic ped cover en	oolycarbona vironment f closure hav	ate 3 Modu riendly, rec ving size no	see MCB yclable,
7	Supply, installation, t in tr>accordance wit resistant, br>haloger	testing and the IEC60529 to & silicon for sequired.	commission with transparted in the commission with transparted in the commission with	ning of there parent hinge cid & anti co	moplastic ped cover en orrosive en ogue No. K	oolycarbona vironment f closure hav	ate 3 Modu riendly, rec ving size no equivalent	le MCB yclable, ot less th
7	Supply, installation, t in tr>accordance wit resistant, br>haloger	testing and the IEC60529 to & silicon for sequired.	commission with transparted in the commission with transparted in the commission with	ning of there parent hinge cid & anti co nsel - Catalo	moplastic ped cover en orrosive en ogue No. K	oolycarbona vironment f closure hav V 7103 or al Quantity	ate 3 Modu riendly, rec ving size no equivalent 1.000	le MCB yclable, ot less th
7	Supply, installation, t in tr>accordance wit resistant, br>haloger	testing and the IEC60529 to & silicon for sequired.	commission with transparted in the commission with transparted in the commission with	ning of there parent hinge cid & anti co nsel - Catalo	moplastic ped cover en orrosive en ogue No. K Tota tal Deducte	oolycarbona vironment f closure hav V 7103 or al Quantity	ate 3 Modu riendly, rec ving size no equivalent 1.000	le MCB yclable, ot less th
7	Supply, installation, t in tr>accordance wit resistant, br>haloger	testing and the IEC60529 to & silicon for sequired.	commission with transp free, anti ac Make: Her	ning of there parent hinge cid & anti co nsel - Catalo	moplastic ped cover en orrosive en ogue No. K Tota tal Deducte	oolycarbona vironment f closure hav V 7103 or al Quantity d Quantity al Quantity	ate 3 Moduriendly, reciving size no equivalent 1.000 1.000 eac 1.000 eac	le MCB yclable, ot less th

		1					1.000	
					Tota	al Quantity	1.000 eac	h
				То	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	1.000 each	
			Sa	y 1.000 each	n @ Rs 844	.63 / each	Rs 844.63	
SI No	Description	No	L	В	D	CF	Quantity	Remark
1	od295080/2021_2022 Supply of one number of the following sizes.	r PVC insula	ted and PV	C sheathed a		opper contr	ol cable of 1	.1KV gra
	0	1	85.000	(C)			85.000	
			JAN	MAL	Tota	al Quantity	85.000 m	etre
		11	6.2	То	tal Deducte		0.000 me	
		610	N. P	N N	Net Tota	al Quantity	85.000 m	etre
			Say 8	35.000 metre	4-3	1	Rs 11	964.60
2	7.3.1 Laying of one number size direct in ground cushioning and prote	including ex	cavation and	nd refilling tl sq. mm	Lark.	tc as requi	red, butexcl	
	Laying of one number size direct in ground	including ex	cavation a	nd refilling tl sq. mm	he trench e	tc as requi	•	
	Laying of one number size direct in ground	including ex	cavation a	nd refilling tl sq. mm	he trench e	ns	95.000	uding sa
2	Laying of one number size direct in ground	including ex	cavation and	nd refilling the sq. mm	nisatio	ns al Quantity	95.000 95.000 m	uding sa
2	Laying of one number size direct in ground	including ex	cavation and	nd refilling the sq. mm	Total Deducte	ns al Quantity d Quantity	95.000 95.000 me	uding sa etre tre
2	Laying of one number size direct in ground	including ex	ecavation and general section and general sect	nd refilling the sq. mm	Total Deducte	ns al Quantity d Quantity al Quantity	95.000 me 95.000 me	uding sa
3	Laying of one number size direct in ground	including exective covering the English and terminal /C sheathed	Say 9	sq. mm ng Orga To 05.000 metre	Total Deducte Net Total @ Rs 195.4	al Quantity d Quantity al Quantity al Quantity and Copper I	95.000 me 95.000 me 0.000 me 95.000 me Rs 18	etre etre etre etre s571.55
	Laying of one number size direct in ground cushioning and prote od295081/2021_2022 Supplying and making	including exective covering ther En	Say 9	sq. mm ng Orga To 05.000 metre	Total Deducte Net Total @ Rs 195.4 sion gland a of 1.1 kV gr	al Quantity d Quantity al Quantity 49 / metre and copper l	95.000 me 95.000 me 95.000 me 95.000 me 95.000 me Rs 18 lugs for follouired.3Cx 2.5 5.000	etre tre etre stry stry stry stry stry stry stry stry
	Laying of one number size direct in ground cushioning and prote od295081/2021_2022 Supplying and making	including exective covering the English and terminal /C sheathed	Say 9	nd refilling the sq. mm Ing Organia To 05.000 metre ass compreseductor cable	Total Deducte Net Total @ Rs 195. sion gland a of 1.1 kV gr	al Quantity d Quantity al Quantity 49 / metre and copper l ade as requ	95.000 me 95.000 me 95.000 me 95.000 me 95.000 me Rs 18 lugs for follouired.3Cx 2.5 5.000 5.000 eac	etre etre etre stres str
	Laying of one number size direct in ground cushioning and prote od295081/2021_2022 Supplying and making	including exective covering the English and terminal /C sheathed	Say 9	nd refilling the sq. mm Ing Organia To 05.000 metre ass compreseductor cable	Total Deducte Net Total @ Rs 195. sion gland a of 1.1 kV gr Total Deducte	al Quantity al Quantity al Quantity 49 / metre and copper lade as requal Quantity	95.000 me 95.000 me 95.000 me 95.000 me 95.000 me Rs 18 lugs for follouired.3Cx 2.5 5.000 5.000 eac	etre etre etre s571.55 wing size s sqmm
	Laying of one number size direct in ground cushioning and prote od295081/2021_2022 Supplying and making	including exective covering the English and terminal /C sheathed	Say 9	nd refilling the sq. mm Ing Organia To 05.000 metre ass compreseductor cable	Total Deducte Net Total Rs 195. sion gland a of 1.1 kV gr Total tal Deducte Net Total	al Quantity al Quantity al Quantity 49 / metre and copper lade as requal Quantity al Quantity	95.000 me 95.000 me 95.000 me 95.000 me 95.000 me Rs 18 lugs for follouired.3Cx 2.5 5.000 5.000 eac 5.000 eac 5.000 eac	etre tre etre stry stry stry stry stry stry stry stry

	1	1.000	
	Total Quantity	1.000 each	
	Total Deducted Quantity	0.000 each	
	Net Total Quantity	1.000 each	
	Say 1.000 each @ Rs 258.48 / each	Rs 258.48	
5	90.6.5.11 Supply and drawing the following sizes of multi-core PVC insulated & FRLS PVC grade copper conductor round flexible cables conforming to IS 694 part I 1960 i recess conduit as required including giving necessary connections of the following mm	n the existing surface	
	1 14.000	14.000	
	Total Quantity	14.000 metre	
	Total Deducted Quantity	0.000 metre	
	Net Total Quantity	14.000 metre	
	Say 14.000 metre @ Rs 82.42 / metre	Rs 1153.88	
6	od320791/2021_2022 Supply of one number PVC insulated and PVC sheathed / XLPE armoured Alumir KV grade of following sizes as required3.5C x 35 Sq.mm - Al XLPE	nium power cable of 1.1	
	1 10.000	10.000	
	Other Engineering Organisations Total Quantity	10.000 metre	
	Total Deducted Quantity	0.000 metre	
	Net Total Quantity	10.000 metre	
	Say 10.000 metre @ Rs 236.23 / metre	Rs 2362.30	
7	od320792/2021_2022 Supply of one number PVC insulated and PVC sheathed / XLPE armoured Alumir KV grade of following sizes as required4C x 16 Sq.mm - Al XLPE	nium power cable of 1.	
	1 45.000	45.000	
	Total Quantity	45.000 metre	
	Total Deducted Quantity	0.000 metre	
	Net Tatal Overtite		
	Net Total Quantity	45.000 metre	
	Say 45.000 metre @ Rs 152.57 / metre	45.000 metre Rs 6865.65	
8	·	Rs 6865.65	
8	Say 45.000 metre @ Rs 152.57 / metre od164347/2022_2023 Supply of one number PVC insulated and PVC sheathed / XLPE armoured Alumin	Rs 6865.65	

				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	105.000 m	netre
			Say 10	5.000 metre	@ Rs 118.	12 / metre	Rs 12	402.60
9	od320794/2021_2022 Supply of one number KV grade of following	er PVC insulat			XLPE armo	oured Alumin	nium power (cable of 1.1
		1	310.000				310.000	
		al Quantity	310.000 m	netre				
	Total Deducted Quantity Net Total Quantity Say 310.000 metre @ Rs 112.22 / metre							re
								netre
								788.20
10	7.7.1 Laying and fixing of of following size on wall							KVgrade o
		1	395.000	W/W	1-2		395.000	
		155	儿婆		Tota	al Quantity	395.000 m	netre
		4		To	otal Deducte	d Quantity	0.000 met	re
			M Com	m pt P2/	Net Tota	al Quantity	395.000 m	netre
		Other Er	gin Say 3	95,000 metr	e @ Rs 45.	53 / metre	Rs 17	984.35
11	90.12.10.3 Supply & laying of DV nearest size	WC pipe in or	dinary soil 0	.75m below	ground leve	elincluding	excavation6	3/50 mm o
		1	65.000				65.000	
					Tota	al Quantity	65.000 me	etre
				Тс	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	65.000 me	etre
			Say 6	5.000 metre	@ Rs 296.2	29 / metre	Rs 19	258.85
12	7.5.1 Laying of one numbe	r PVC insulat			•		.1 KV grade	offollowin
	size in the existing R	CC/ HUME/ N	IE I AL PIPE	as required.	. 	111111		
	size in the existing R	CC/ HUME/ N	65.000	as required.	.Opio 35 sq.		65.000	
	size in the existing R			as required.		al Quantity	65.000 me	etre
	size in the existing R					al Quantity		
	size in the existing R				Tota	al Quantity	65.000 me	re

13	9.1.2 Supplying and making	g end termin	ation with	brass compre	ession glan	d and alum	inium lugs fo	or follow			
	size of PVC insulate required.2 X 10 sq.	d and PVC	sheathed	•	_		_				
		38					38.000				
					Tota	al Quantity	38.000 set				
				To	tal Deducte	d Quantity	0.000 set				
					Net Tota	al Quantity	38.000 set				
				Say 38.000	set @ Rs 23	32.99 / set	Rs 88	53.62			
14	9.1.21 Supplying and making size of PVC insulate required.3 1/2X 35 s	d and PVC	sheathed		•		•				
		2	831		7		2.000				
		610	W. A.	Sh /Y	Tota	al Quantity	2.000 set				
		18	NEAN	To	tal Deducte	d Quantity	0.000 set				
	Net Total Quantity							2.000 set			
	Say 2.000 set @ Rs 352.16 / set						Rs 70	04.32			
15	9.1.33 Supplying and making size of PVC insulate required.4 X 16 sq.	d and PVC	sheathed		_		_				
	-	2					2.000				
					Tota	al Quantity	2.000 set				
				To	tal Deducte	d Quantity	0.000 set				
					Net Tota	al Quantity	2.000 set				
				Say 2.000	set @ Rs 29	3.24 / set	Rs 58	36.48			
16	9.1.32 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade at required 4 X 10 sq. mm (25mm)										
	size of PVC insulate required.4 X 10 sq.			/ XLPE alur	ninium con	ductor cab	10 01 1.1 10				
				/ XLPE alur	minium con	ductor cab	6.000				
		mm (25mm)		/ XLPE alur		ductor cab					
		mm (25mm)				al Quantity	6.000				
		mm (25mm)			Tota	al Quantity	6.000 6.000 set				
		mm (25mm)		To	Tota	al Quantity d Quantity al Quantity	6.000 6.000 set 0.000 set	grade			

			4 EARTH	ING						
1	od295089/2021_2022 Earthing with G.I. ear enclosure with cover parts as required	th pipe 2.5	•		•		•	•		
	salt) as required.	F					F 000			
		5			T . (-10	5.000			
						al Quantity	5.000 ead			
	Net Total Quantity 0.000 each Solution 100 Description 100 De									
			Say 5.0	00 each @	Rs 5449	.18 / each	Rs 27	245.90		
	Supply and fixing followers bench having holes for as required. 25x3x400	or connectin	ng earth strip/wir	1			•			
		9	7/1/25	1/2/1	4		9.000			
		1/2		211	Tota	al Quantity	9.000 ead	h		
		Total Deducted Quantity 0.000 each						:h		
							9.000 each			
		1			Net Tota	al Quantity	9.000 ead	h		
		Man F		000 each @	Rs 552	.03 / each		968.27		
3	od169040/2022_2023 Supply and drawing b giving connection as	oare earthir	ngineering	Organ the followi	Rs 552 ISATIO	.03 / each	Rs 4	968.27		
3	Supply and drawing b	oare earthir	ngineering	Organ the followi	Rs 552 ISATIO	.03 / each	Rs 4	968.27		
3	Supply and drawing b	pare earthin required. 3	ngineering ng conductors of .15mm copper o	Organ the followi	Rs 552 1Sation ng sizes or>(10 S	.03 / each	Rs 4	968.27 cables a		
3	Supply and drawing b	pare earthin required. 3	ngineering ng conductors of .15mm copper o	the following conductors	Rs 552 1Sat10 ng sizes or>(10 S	.03 / each ns along with WG)	Rs 4 630.000	cables a		
3	Supply and drawing b	pare earthin required. 3	ngineering ng conductors of .15mm copper o	the following conductors	Rs 552 ISATIO ng sizes or>(10 S	.03 / each .04 / each .05 / each .06 / each .07 / each .08 / each .09 / each .00 / each	Rs 4 630.000 r	cables a		
3	Supply and drawing b	pare earthin required. 3	ng conductors of .15mm copper of 630.000	the following conductors	Rs 552 ISATIO ng sizes or>(10 S Tota Deducte Net Tota	along with WG) al Quantity d Quantity	Rs 4 630.000 630.000 r 0.000 me 630.000 r	cables a		
3	Supply and drawing be giving connection as od169931/2022_2023 Supply and drawing be	pare earthing required. 3	ng conductors of .15mm copper of .630.000 Say 630.0	Total	Rs 552 ISATIO ng sizes or>(10 S' Tota Deducte Net Tota Rs 83.9	along with WG) al Quantity d Quantity al Quantity 93 / metre	Rs 4 630.000 r 630.000 r 0.000 me 630.000 r Rs 52	cables a		
	Supply and drawing be giving connection as od169931/2022_2023	pare earthing required. 3	ng conductors of .15mm copper of .630.000 Say 630.00 Say 630.00 Say 630.00	Total	Rs 552 ISATIO ng sizes or>(10 S' Tota Deducte Net Tota Rs 83.9	along with WG) al Quantity d Quantity al Quantity 93 / metre	Rs 4 630.000 630.000 r 0.000 me 630.000 r Rs 52 	cables a netre tre netre		
	Supply and drawing be giving connection as od169931/2022_2023 Supply and drawing be	pare earthing required. 3	ng conductors of .15mm copper of .630.000 Say 630.0	Total	Rs 552 ISATIO ng sizes or>(10 S' Tota Deducte Net Tota Rs 83.9	along with WG) al Quantity d Quantity al Quantity	Rs 4 630.000 630.000 r 0.000 me 630.000 r Rs 52 55.000	cables a		
	Supply and drawing be giving connection as od169931/2022_2023 Supply and drawing be	pare earthing required. 3	ng conductors of .15mm copper of .630.000 Say 630.00 Say 630.00 Say 630.00	Total 2000 metre @	Rs 552 ISATIO ng sizes or>(10 S Tota Deducte Net Tota Rs 83.9 ng sizes	along with WG) al Quantity d Quantity al Quantity along with along with	Rs 4 630.000 630.000 r 0.000 me 630.000 r Rs 52 55.000 m	cables a metre tre metre cables a cable a c		
	Supply and drawing be giving connection as od169931/2022_2023 Supply and drawing be	pare earthing required. 3	ng conductors of .15mm copper of .630.000 Say 630.00 Say 630.00 Say 630.00	Total 2000 metre @	Rs 552 ISATIO ISATIO ISATIO ISATIO Tota Deducte Net Tota Rs 83.9 Rs 83.9 Tota Deducte	along with WG) al Quantity d Quantity al Quantity along with along with al Quantity d Quantity d Quantity d Quantity d Quantity	Rs 4 630.000 r 0.000 me 630.000 r Rs 52 55.000 m 0.000 me	cables a metre exercise cables		
	Supply and drawing be giving connection as od169931/2022_2023 Supply and drawing be	pare earthing required. 3	Say 630.0 Say 630.0 Say 630.0	Total 2000 metre @	Rs 552 ISATIO ISATIO ISATIO ISATIO Tota Deducte Net Tota Rs 83.9 Tota Deducte Tota Deducte Net Tota Net Tota Deducte Net Tota	along with WG) al Quantity d Quantity along with along with along with al Quantity d Quantity d Quantity d Quantity d Quantity d Quantity al Quantity al Quantity al Quantity	Rs 4 630.000 630.000 r 0.000 me 630.000 r Rs 52 55.000 55.000 m 0.000 me 55.000 m	cables a metre exercise cables		

		-	-		•	•	existing cabl	•	
	clamps fabricated f clamps not exceed copper strip				•				
		1	200.000				200.000		
					Tot	al Quantity	200.000 r	netre	
	Total Deducted Quanti							tre	
		Net Total Quantity						metre	
			Say 20	0.000 metre	@ Rs 635.	62 / metre	Rs 12	7124.00	
6	90.16.5.3 Supply of superior q etc. as required.3.15			for the follo	wing size of	earth cond	uctor includi	ing crimp	
		58		100			58.000		
		1	43 6		Tot	al Quantity	58.000 ea	ach	
		Total Deducted Quanti						ch	
	Net Total Quantity							58.000 each	
	Say 58.000 each @ Rs 26.75 / each						Rs 1551.50		
7	90.16.5.5 Supply of superior of	uuality cappar a		m of S	00				
7	90.16.5.5 Supply of superior q etc. as required.4.75		earth socket	for the follo	wing size of anisatio	earth condo	uctor includi	ing crimp	
7	Supply of superior of	5 mm (6 SWG)	earth socket	for the follo	wing size of anisatio	earth condi DNS al Quantity	6.000 eac	ing crimp	
7	Supply of superior of	5 mm (6 SWG)	earth socket	for the follo	wing size of anisation	earth conditions al Quantity ad Quantity	6.000 6.000 eac 0.000 eac	ing crimp	
7	Supply of superior of	5 mm (6 SWG)	earth socket	for the follo	wing size of anisation Tototal Deducte Net Tot	earth conditions al Quantity ad Quantity al Quantity	6.000 eac 6.000 eac 6.000 eac	ing crimp	
7 SI No	Supply of superior of	5 mm (6 SWG)	earth socket	for the follo	wing size of anisation Tototal Deducte Net Tot	earth conditions al Quantity ad Quantity al Quantity	6.000 eac 6.000 eac 6.000 eac	ing crimp ch ch	
	Supply of superior q etc. as required.4.75	6 No	earth socket	for the follogong Organia To	Total Deducted Net Total Deducted Deduc	earth conditions al Quantity ad Quantity al Quantity .75 / each	6.000 eac 0.000 eac 6.000 eac Rs 1	ing crimp ch ch ch	
	Supply of superior q etc. as required.4.75	No 5 L and commission all accessories	sarth socket gineeri Si L IGHT FIXTL Ining of pre-	To ay 6.000 ear	wing size of anisation Total Deducted Net Total Ch @ Rs 28 D FAN rescent fitting on ceiling/	earth conditions al Quantity al Quantity al Quantity creach cre	6.000 each 0.000 each Rs 1 Quantity	ch ch 172.50 Remark	
SI No	Description 1.41 Installation, testing a types, complete with	No 5 L and commission all accessories	sarth socket gineeri Si L IGHT FIXTL Ining of pre-	To ay 6.000 ear	wing size of anisation Total Deducted Net Total Ch @ Rs 28 D FAN rescent fitting on ceiling/	earth conditions al Quantity al Quantity al Quantity creach cre	6.000 each 0.000 each Rs 1 Quantity	ch ch 172.50 Remar	
SI No	Description 1.41 Installation, testing a types, complete with	No 5 L and commission all accessorie insulated, copp	sarth socket gineeri Si L IGHT FIXTL Ining of pre-	To ay 6.000 ear	wing size of anisation ani	earth conditions al Quantity al Quantity al Quantity creach cre	6.000 each 0.000 each Rs 1 Quantity	ch ch Remar t fitting oftion with	
Si No	Description 1.41 Installation, testing a types, complete with	No 5 L and commission all accessorie insulated, copp	sarth socket gineeri Si L IGHT FIXTL Ining of pre-	To ay 6.000 ear B JRES AND wired, fluo etc. directly or, single co	wing size of anisation ani	earth conditions al Quantity al Quantity al Quantity 75 / each CF ag/ compact wall, includ d earthing e	6.000 each 0.000 each Country fluorescenting connect to as required.	ch ch red.	
Si No	Description 1.41 Installation, testing a types, complete with	No 5 L and commission all accessorie insulated, copp	sarth socket gineeri Si L IGHT FIXTL Ining of pre-	To ay 6.000 ear B JRES AND wired, fluo etc. directly or, single co	wing size of anisation ani	earth conditions al Quantity al Quantity al Quantity 75 / each CF ag/ compact wall, includ d earthing e	6.000 each 0.000 each	ch ch l72.50 Remark t fitting of tion with red.	

	1.50.1 Installation of exhaust	fan in the ex	kisting openi	ing, including	g making go	ood the dam	age connec	tion testing			
	commissioning etc. as		• .	•	3 - 33						
		19					19.000				
					Tota	al Quantity	19.000 ea	ıch			
				To	tal Deducte	d Quantity	0.000 eac	:h			
					Net Tota	al Quantity	19.000 each				
			Say	19.000 each	n @ Rs 425	.80 / each	Rs 8090.20				
3	90.4.8 Charges for cutting h plastering colour was			mmodating	exhaust fai	ns up to 30	5mm swee	p includir			
		19	166				19.000				
			C.01		Tota	al Quantity	19.000 ea	ıch			
		0.000 eac	:h								
		(k)		30/2	Net Tota	al Quantity	19.000 ea	ıch			
			Say	19.000 each	n @ Rs 472	.50 / each	Rs 89	977.50			
	Supply of following Extrequired. control of the supplements of t		1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	/lake: Havell		ent	19.000				
		D 1			Tota	al Quantity	19.000 ea	ıch			
				То	tal Deducte	d Quantity	0.000 eac	h			
					Net Tota	al Quantity	19.000 ea	ıch			
		Say 19.000 each @ Rs 1853.48 / each						040.40			
	od295146/2021_2022 Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required. original wiring etc. as required. original wiring etc. as required. A/C (Makes Havelle or Equirelant)										
5	Supply, conveyance, in standard accessories insulated and PVC she original wiring etc. as	excluding reathed 650/1s required.<	esistance ty 1100V grade 1200m and resistar	ype regulato 3 core rour m sweep co	ing of ceilin or, wiring th nd copper c eiling fan c	g fans of the down room onductor fle	e following I with 16/0 x wire or wi ith 300mm	20mm PV th extende down rod			
5	Supply, conveyance, in standard accessories insulated and PVC she original wiring etc. as canopies, shackles at	excluding reathed 650/1s required.<	esistance ty 1100V grade 1200m and resistar	ype regulato 3 core rour m sweep co	ing of ceilin or, wiring th nd copper c eiling fan c	g fans of the down room onductor fle	e following I with 16/0 x wire or wi ith 300mm	sizes usir 20mm PV th extende down rod			
5	Supply, conveyance, in standard accessories insulated and PVC she original wiring etc. as canopies, shackles at	excluding reathed 650/1s required. nd blades are Equivaled	esistance ty 1100V grade 1200m and resistar	ype regulato 3 core rour m sweep co	ing of ceilin or, wiring th nd copper c eiling fan c gulator wor	g fans of the down room onductor fle	e following I with 16/0 x wire or wi ith 300mm 0V/240V si	sizes usir 20mm PV th extende down roo ngle phas			
5	Supply, conveyance, in standard accessories insulated and PVC she original wiring etc. as canopies, shackles at	excluding reathed 650/1s required. nd blades are Equivaled	esistance ty 1100V grade 1200m and resistar	ype regulatore 3 core round m sweep conce type reg	ing of ceilin or, wiring th nd copper c eiling fan c gulator wor	g fans of the down roconductor fleomplete will king on 23	e following with 16/0 x wire or with 300mm 0V/240V si	sizes usir 20mm PV th extende down roc ngle phas			
5	Supply, conveyance, in standard accessories insulated and PVC she original wiring etc. as canopies, shackles at	excluding reathed 650/1s required. nd blades are Equivaled	esistance ty 1100V grade 1200m and resistar	ype regulatore 3 core round m sweep conce type reg	ing of ceilin or, wiring th nd copper c eiling fan c gulator wor Tota tal Deducte	g fans of the down roconductor fleomplete will king on 23	e following with 16/0 x wire or with 300mm 0V/240V si 59.000	sizes usin 20mm PV th extende down rod ngle phas			

6	90.4.1 Supply and installation of suitable size MS rod type fan clamp in the RCC slab as	per IS 732 as required.							
	59	59.000							
	Total Quantity	59.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	59.000 each							
	Say 59.000 each @ Rs 174.32 / each	Rs 10284.88							
7	od168890/2022_2023 Supply of 20W LED tube light fitting housing made of Extruded thermal br>poleolour temperature with duly wired up for use on vall, including all accessories etc as required.								
	123	123.000							
	Total Quantity	123.000 each							
	Total Deducted Quantity 0.000 each								
	Net Total Quantity	123.000 each							
	Say 123.000 each @ Rs 570.38 / each	Rs 70156.74							
8	od295163/2021_2022 Supply and fixing 9W LED bulb in existing fitting including all accessories as required. Make:Wipro or eq								
	Other Engineering Organisations Total Quantity	76.000 / 76.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	76.000 each							
	Say 76.000 each @ Rs 126.50 / each	Rs 9614.00							
9	od168871/2022_2023 Supply of 7W LED bulkhead fitting (IP 65), housing made of die cast aluminium temperature with a lumen output minimum 100lumen/Watt, CRI>80,beam angle 1 outdoor applications, including all connections etc. as required. Make -Philips -Vis	20 degrees, suitable f							
	Total Quantity	53.000 each							
	Total Deducted Quantity	0.000 each							
	Net Total Quantity	53.000 each							
	Say 53.000 each @ Rs 871.13 / each	Rs 46169.89							
10	od168868/2022_2023 Supply,installation, testing and commissioning of 60W LED Street light fixture powder coated pressure die-cast Aluminium suitable for outdoor application accessories, Lumen output 6000 Lumen, PF 0.95,IP-66,having colour temperate	n ,along with comple							

	CRI>70 in existing pole including all necessary accessories and connections e Wipro LR02-671-XXX-57-G2 or equivalent	etc as required . Mak					
	2	2.000					
	Total Quantity	2.000 each					
	Total Deducted Quantity	0.000 each					
	Net Total Quantity	2.000 each					
	Say 2.000 each @ Rs 6270.22 / each	Rs 12540.44					
11	90.15.3.3 Supply installation testing and commissioning of Octogaonal Pole made of hot dip mm top diameter, 130 mm bottom diameter thickness 3mm base plate dimensic suitable for wind speed as per IS 875 Part III single arm bracket 0.5mt including county 4 nos fixed in existing RCC foundation and junction box etc. complete 6 Meters	ons of 200x200x12 r					
	2	2.000					
	Total Quantity	2.000 each					
	Total Deducted Quantity	0.000 each					
	Net Total Quantity	2.000 each					
	Say 2.000 each @ Rs 21171.44 / each	Rs 42342.88					
	Supply and installation of 10cm DIN rail for fixing SP MCB in the existing street light of the property of the	2.000 2.000 each 0.000 each 2.000 each					
	Say 2.000 each @ Rs 82.21 / each	Rs 164.42					
13	od163852/2022_2023 Supply and fixing of 25cmX12cm hylam sheet for covering the junction box street light poles as required						
	2	2.000					
	Total Quantity	2.000 each					
	Total Deducted Quantity	0.000 each					
	Net Total Quantity	2.000 each					
	Say 2.000 each @ Rs 128.97 / each	Rs 257.94					
14	Say 2.000 each @ Rs 128.97 / each od164049/2022_2023 Supply and installation of loop in loop out connector in the existing street light pole						
14	od164049/2022_2023						

				To	otal Deducte	ed Quantity	0.000 eac	:h
					Net Tota	al Quantity	2.000 eac	:h
			Sa	y 2.000 eacl	n @ Rs 162	.35 / each	Rs 3	24.70
SI No	Description	No	L	В	D	CF	Quantity	Remark
			6 PA	NELS				
1	od321329/2021_2022 Supply installation test CRCA sheet, totally en indoor, compartmentali busbars extendable o spreaders, 3mm thick supply & installation of Provision for 1 phase MCB 10kA-8 nos, 25 A	closed, free zed, suitab n both side gland plate following so KSEB mete	e standing, vole for opera es, including, hinged typ witchgears, ler - 8nos, In	vall/floor mo tion on 3 ph g internal w e door with metering ins comer- 63A	ounting, dust ase and ne viring with some neoprene of struments are 4P TM MC	t and verminutral, 415 V suitable size gasket etc. T and accessor CCB 16kA-1	n proof, pow , 50Hz AC s e wires, rot The panel s ies as per s no, Outgoir	der coated system with ary handle hall include pecification ngs-25A DF
		1	3 0		3,		1.000	
		FI	11/2	51/1	Tot	al Quantity	1.000 eac	h
		15	1316	тс	otal Deducte		0.000 eac	
		101			7	i de la companya da companya d	1.000 eac	
			0- 4	000 each @	DK	al Quantity		9637.21
	od321331/2021_2022 Supply, installation, test CRCA sheet, totally en indoor, compartmentally busbars extendable of spreaders,3mm thick groups with the supply & installation of Provision for fixing 1 Ph MCB -8 nos, 25A DP C	cting & com closed, free sed, suitab n both side gland plate, following so n Energy me	e standing, vole for operales, including hinged type witchgears, leter-8 no, Inc.	of Metering preadly floor motion on 3 phage internal was door with metering inscomer: 63A	panel 2, cub punting, dus ase and ne viring with s neoprene g struments ar FP TM MCC	t and verminutral, 415	n proof, pow , 50Hz AC : e wires, rot The panel s ies as per s	der coated, system with ary handle, hall include pecification.
	Web thet, 2071 b	1		gy motor io			1.000	
			1	<u> </u>	Tota	Lal Quantity	1.000 eac	h
				To	otal Deducte	-	0.000 eac	
						al Quantity	1.000 eac	
			Sav 1 (000 each @		<u>-</u>		9637.21
3	od321333/2021_2022 Supply ,installation,tes thick CRCA sheet, tota coated, indoor compart with busbars extendab spreaders ,3mm thick	ally enclose mentalised le on both	ommissionined, free star suitable for sides, includ	ng of Meteri anding, wall/to operation or ling internal	ng Panel 3, floor mounti n 3 phase a wiring with	cubicle typ ing, dust an nd neutral, ² suitable siz	pe, made ou d vermin pr 415V, 50 Hz e wires, rot	ut of 1.6mm roof powder AC system ary handle

	supply and installation specification. Provision Incomer: 125A FP TM MFP TM MCCB 16kA- 1 Estimate)	n for fixing MCCB 25kA	1phase KS A - 1no, Outg	SEB meter-2 going : 25A I	2nos and 3 DP MCB 10	phase KSE kA-2 nos, 25	B meter wit	th CT- 1no. · 2 nos, 63A
		1					1.000	
					Tota	al Quantity	1.000 eac	h
				To	tal Deducte	d Quantity	0.000 eac	:h
	Net Total Quantity 1.000 each						h	
			Say 1	.000 each @	® Rs 67991	.11 / each	Rs 67	991.11
	Supply, installation, testing & commissioning of common panel, cubicle type, made out of 1.6mm thic CRCA sheet, totally enclosed, free standing, floor/wall mounting, dust and vermin proof, powder coated indoor, compartmentalized, suitable for operation on 3 phase and neutral, 415 V, 50Hz AC system with busbars extendable on both sides, including internal wiring with suitable size wires, rotary handle spreaders, 3mm thick gland plate, hinged type door with neoprene gasket etc. The panel shall include supply & installation of following switchgears, metering instruments and accessories as per specification. Meters and indication lamps: RYB indication, MFM (Voltage, Ammeter, Frequency And Power Factor with control fuses and CT's. Incomer: 63A FP MCCB 16kA (Thermal Magnetic) - 1no, 63A FP COS - 1nd Outgoings: 40A FP isolator-1nos, 25A DP MCB 10kA-1nos. 25A FP MCB 10kA- 2 nos. Accessories as							
	per schematic drawing		gineeri	ng Orga	anisatio	ns	1.000	
					Tota	al Quantity	1.000 eac	h
			K	To	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	1.000 eac	h
			Say 1	.000 each @	® Rs 69199	.07 / each	Rs 69	199.07
5	Say 1.000 each @ Rs 69199.07 / each Rs 69199.07 od168863/2022_2023 Supply, installation, testing & commissioning of fire panel, cubicle type, made out of 1.6mm thick CR sheet, totally enclosed, free standing, floor/wall mounting, dust and vermin proof, powder coated, indecompartmentalized, suitable for operation on 3 phase and neutral, 415 V, 50Hz AC system with busb extendable on both sides, including internal wiring with suitable size wires, rotary handle, spreade 3mm thick gland plate, hinged type door with neoprene gasket etc. The panel shall include supplinstallation of following switchgears, metering instruments and accessories as per specification. Met and indication lamps: RYB indication, MFM (Voltage, Ammeter, Frequency And Power Factor) vacontrol fuses and CT's. Incomer: 40A FP isolator-1 no. Outgoings:25A FP isolator-2 nos.							
		1					1.000	
					Tota	al Quantity	1.000 eac	h
				To	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	1.000 eac	h

			Say 1	Say 1.000 each @ Rs 48240.59 / each						
SI No	Description	No	L	В	D	CF	Quantity	Remark		
	_		7	DG						
1	od163635/2022_202 Supply, installation, Engine developing 415V, mounted on a other Standard Ac Enclosure.	testing and co 32 BHP at 15 a Channel Iro	00RPM, rad n Base Fra	diator Coole me complet	ed, Coupled te with Fue	d Alternator I Tank, Batt	rated at 16 ery, Control	kW/20kV Panel a		
		1					1.000			
		al Quantity	1.000 eac	h						
		0.000 eac	h							
	Net Total Quantity							h		
	Say 1.000 each @ Rs 398317.53 / each							3317.53		
SI No	Description	No	W. B	В	D	CF	Quantity	Remark		
		8	MISCELLA	NEOUS ITE	MS	Ų.				
		P	gineeri		Tototal Deducte	al Quantity	3.000 3.000 job 0.000 job			
					Net Tot	al Quantity	3.000 job			
	Say 3.000 job @ Rs 8000.00 / job									
			;	Say 3.000 jo	b @ Rs 80	00.00 / job	Rs 24	000.00		
2	od163844/2022_202 Preparation of all dr completion certifica Electrical Inspector payments will be re	rawings, subm tes and arran rate and com eimbursed on	itting and g ging inspec missioning	etting approction, getting	oval from El g sanction ble installat	ectrical Insp and energistion in the p	pectorate, susation certification certificat	ubmitting		
2	Preparation of all dr completion certifica Electrical Inspector	rawings, subm tes and arran rate and com	itting and g ging inspec missioning	etting approction, getting	oval from El g sanction ble installat ginal recei	ectrical Inspand energision in the pots.	pectorate, susation certiforemises. A	ubmitting		
2	Preparation of all dr completion certifica Electrical Inspector	rawings, subm tes and arran rate and com eimbursed on	itting and g ging inspec missioning	etting approcition, getting	oval from El g sanction ble installat ginal recei	ectrical Insp and energistion in the p	pectorate, susation certification certificat	ubmitting		
2	Preparation of all dr completion certifica Electrical Inspector	rawings, subm tes and arran rate and com eimbursed on	itting and g ging inspec missioning	etting approciation, getting of the who	oval from El g sanction ble installat ginal recei	ectrical Inspand energision in the pots.	pectorate, susation certiforemises. A	ubmitting		
2	Preparation of all dr completion certifica Electrical Inspector	rawings, subm tes and arran rate and com eimbursed on	itting and g ging inspec missioning	etting approciation, getting of the who	oval from El g sanction ble installat ginal recei Tot Tot	ectrical Inspand energision in the pots.	pectorate, susation certiforemises. A	ubmitting		
2	Preparation of all dr completion certifica Electrical Inspector	rawings, subm tes and arran rate and com eimbursed on	itting and g ging inspec missioning production	etting approciation, getting of the who	oval from El g sanction ble installat ginal recei Tot Tot otal Deducte	ectrical Inspand energision in the pots. al Quantity ad Quantity al Quantity	nectorate, susation certiforemises. A 1.000 1.000 job 0.000 job 1.000 job	ubmitting		

		3					3.000				
	Total Quantity					al Quantity	3.000 eac	h			
				To	tal Deducte	d Quantity	0.000 eac	h			
		al Quantity	3.000 each								
			Sa	y 3.000 eacl	n @ Rs 553	.17 / each	Rs 1659.51				
4	od166000/2022_2023										
	Supply and providing 2.0	0 mm thic	k, 3.3 kV, S	ynthetic elas	tromeric fire	retardant ir	nsulating sh	eet.			
		6					6.000				
	Total Quantity						6.000 sqn	1			
	Total Deducted Quantity						0.000 sqn	1			
			/Ge	:20\ 	Net Tota	al Quantity	6.000 sqn	1			
			Sa	y 6.000 sqm	@ Rs 1620).10 / sqm	Rs 97	720.60			
		Pr	ovision for (GST paymer	its (in %) @		0.0%				
		,	Amount rese	erved for GS	T payments		0.00				
)	18	11)		Total	8	2467669.0	0			
	1			Lumpsum f	or round off		0.00				
			M. Gar	on of the	DA.		TOTAL Rs	2467669.0			
	Other Engineering Organisations Round						ded Total R	s 24,67,66			
			181110011	kh Sixty Sev	allibutio	113					

(Cost Index Applied for this estimate is 33.9%)

Data Analysis

MCCB, MCB AND DB's 1 Specification Code: od294863/2021_2022

od294863/202 1 2022:

Supply, installation, testing and commissioning of thermoplastic polycarbonate 3 Module MCB DB in

br>accordance with IEC60529 with transparent hinged cover environment friendly, recyclable, UV resistant,
br>halogen & silicon free, anti acid & anti corrosive enclosure having size not less than 102x197x92mm as
sr>required. Make: Hensel - Catalogue No. KV 7103 or equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	3 module thermoplastic MCB DB	each	1.00000	1500.00	1500.00
	Add Cartage@1.00	127			15.00
	total	M	11		1515.00
	JAT DIG	То	tal Cost of	Materials	1515.0
1001	Wireman	Day	0.20000	673.00	134.60
1007	Khallasi	Day	0.10000	553.00	55.30
	Other Engineerin	g Organ	nisations	TOTAL	. 1704.9
	DDI		Add CPOH	H @ 15%	255.73
	PKI		cost for	one each	1961.0
				Say	1961.0
		C	Cost index	33.9 %	74.24
		To	otal with C	ost index	2035.24
				Say	2035.24

2 Specification Code: od295086/2021_2022

1 2022:

Supplying and fixing thermoplastic polycarbonate cable junction boxes (IP67) with od295086/202 5Pole terminals suitable for 2.5 sqmm cable etc complete with connections, testing and commissioning etc. as required. Make -Hensel or equivalent

Code	Description	Unit	Quantity	Rate	Amount
Code	Description	OTIIL	Quaritity	Nate	Airiouiit

MR	Thermoplastic enclosure with 5 pole terminals	each	1.00000	550.00	550.00	
	Add Cartage@1.00				5.50	
	total				555.50	
	Total Cost of Materials					
1001	Wireman	Day	0.10000	673.00	67.30	
1007	Khallasi	Day	0.12000	553.00	66.36	

TOTAL	689.16
Add CPOH @ 15%	103.37
cost for one each	793.0
Say	793.0
Cost index 33.9 %	52.21
Total with Cost index	845.21
Say	845.21

Other Engineering Organisations

MV CABLE LAYING	D	D	T	
1 Specification Code: od2950	80/2021_2022			

od295080/202 Supply of one number PVC insulated and PVC sheathed armoured copper control 1_2022 : cable of 1.1KV grade of the following sizes.

sizes.
 1_2022 : cable of 1.1KV grade of the following sizes.

Code	Description	Unit	Quantity	Rate	Amount
MR889	2.5 sqmm 3 core PVC / XLPE insulated armoured control cables with copper conductors for working voltages up to and including 1100 V conforming to IS 1554 part I 1988 for PVC and IS 7098 Part I for XLPE	metre	1.00000	121.19	121.19
	Add Cartage@1.00				1.21
	total				122.40

TOTAL	122.4
Add CPOH @ 15%	18.36
cost for one metre	141.0
Say	141.0

Cost index 33.9 %	.00
Total with Cost index	141.00
Say	141.00

2 Specification Code: od295081/2021_2022

1_2022:

od295081/202 Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed copper conductor cable of 1.1 kV grade as required.3Cx 2.5 sqmm

Code	Description	Unit	Quantity	Rate	Amount	
2101	Brass compression gland (19 mm) for 2 X 6 sq. mm 1.1 KV grade cable	Organ	isations 1.00000	26.00	26.0	00
	Add Cartage@1.00				0.2	<u>2</u> 6
	total				26.2	<u>2</u> 6
MR904	Tubular Copper sockets for 2.5 sqmm cable	each	3.00000	3.14	9.4	1 2
	Add Cartage@1.00				0.0)9
	total				9.5	51
		Tot	al Cost of	Materials	35.77	,
1002	Cable jointer	Day	0.10000	673.00	67.3	30
1007	Khallasi	Day	0.10000	553.00	55.3	30
	158.37					
	23.76					
			cost for o	ne each	182.0	

Say	182.0
Cost index 33.9 %	57.97
Total with Cost index	239.97
Say	239.97

3 Specification Code: od164052/2022_2023

2_2023:

Supply and fixing (IP68) thermoplastic polyamide cable gland with appropriate size lock nut suitable for 3core 2.5 sq mm armoured copper cable including all accessories as required. Make: Hensel M25 x 1.5 or equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	cable gland and locknut	each	1.00000	60.00		60.00
	Add Cartage@1.00	9)5A				0.60
	total					60.60
	Other Engineering Organial Cost of Materials					60.6
1002	Cable jointer	Day	0.10000	673.00		67.30
1007	Khallasi I I	Day	0.10000	553.00		55.30
				TOTAL	183.2	
		,	Add CPOH	H @ 15%	27.48	
			cost for o	one each	211.0	
	Say					
		С	ost index	33.9 %	47.80	
Total with Cost index						
				Say	258.80	

4 Specification Code: od320791/2021_2022

od320791/202 Supply of one number PVC insulated and PVC sheathed / XLPE armoured

1_2022 : Aluminium power cable of 1.1 KV grade of following sizes as required..3.5C x 35 Sq.mm - Al XLPE

Code	Description	Unit	Quantity	Rate	Amount	
MR795	35 sqmm 3.5 core PVC/XLPE insulated armoured cable with aluminium conductors for working voltages up to and including 1100 volts conforming IS 1584/part I/1988 for PVC IS 7098 part I for XLPE	metre	1.00000	203.39		203.39
	Add Cartage@1.00	1				2.03
	total	3				205.42
		MIL	41	TOTAL	205.42	
	DAT DE		Add CPOH	H @ 15%	30.81	
	子(F)(1)(1)(1)		cost for o	ne metre	236.0	
Say						
Other Engineering Organisations 33.9 %						
Total with Cost index						
	1 1/1			Say	236.00	

5 Specification Code: od320792/2021_2022

od320792/202 1_2022 :

Supply of one number PVC insulated and PVC sheathed / XLPE armoured Aluminium power cable of 1.1 KV grade of following sizes as required..4C x 16 Sq.mm - Al XLPE

Code	Description	Unit	Quantity	Rate	Amount
Code	Description	OTHE	Qualitity	raic	/ tirioditi

I MRSOS	16 sqmm 4 core PVC/XLPE insulated armoured cable with aluminium conductors for working voltages up to and including 1100 volts conforming IS 1584/part I/1988 for PVC IS 7098 part I for XLPE	metre	1.00000	131.36	131.36
	Add Cartage@1.00				1.31
	total				132.67

TOTAL	132.67
Add CPOH @ 15%	19.90
cost for one metre	153.0
Say	153.0
Cost index 33.9 %	.00
Total with Cost index	153.00
Say	153.00

Other Engineering Organisations

6 Specification Code: od164347/2022_2023

2_2023:

od164347/202 Supply of one number PVC insulated and PVC sheathed / XLPE armoured Aluminium power cable of 1.1 KV grade of following sizes as required.4C 10 sqmm XLPE Al

Code	Description	Unit	Quantity	Rate	Amount
MR807	10 sqmm 4 core PVC/XLPE insulated armoured cable with aluminium conductors for working voltages up to and including 1100 volts conforming IS 1584/part I/1988 for PVC IS 7098 part I for XLPE	metre	1.00000	101.69	101.69
	Add Cartage@1.00				1.02
	total				102.71

TOTAL	102.71
Add CPOH @ 15%	15.41
cost for one metre	118.0
Say	118.0

Cost index 33.9 %	.00
Total with Cost index	118.00
Say	118.00

7 Specification Code: od320794/2021_2022

od320794/202 1_2022 :

Supply of one number PVC insulated and PVC sheathed / XLPE armoured Aluminium power cable of 1.1 KV grade of following sizes as required. $2C \times 10$ sqmm

Code	Description	Unit	Quantity	Rate	Amount	
MR772	10 sqmm 2 core PVC/ XLPE insulated armoured cable with aluminium conductors for working voltages up to and including 1100 volts conformings IS 1584/part/1988 for PVC IS 7098/part I for XLPE	Organ	1.00000	96.61		96.61
	Add Cartage@1.00					0.97
	total					97.58
				TOTAL	97.58	
	Add CPOH @ 15%					
			cost for o	ne metre	112.0	
				Say	112.0	
		С	ost index	33.9 %	.00	
		To	otal with Co	ost index	112.00	
				Say	112.00	

EARTHING

1 Specification Code: od295089/2021_2022

1_2022:

od295089/202 Earthing with G.I. earth pipe 2.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (with charcoal/ coke and salt) as required.

Code	Description	Unit	Quantity	Rate	Amount
2919	G.I. nuts and through bolts with washer	each	1.00000	26.00	26.00
	Add Cartage@1.00	1			0.26
	total	30	ſ.		26.26
2941	Charcoal	kg	64.0000 0	8.00	512.00
	Add Cartage@1.00				5.12
	total	E Series			517.12
2943	Salt Other Engineering	Okgan	5:00000	8.00	40.00
	Add Cartage@1.00				0.40
	total				40.40
2948	Cement	tonne	0.01000	6300.00	63.00
	Add Cartage@1.00				0.63
	total				63.63
2946	Fine sand	cum	0.03000	806.00	24.18
	Add Cartage@1.00				0.24
	total				24.42
2826	40 mm dia. G.I. pipe (medium class)	metre	2.62500	239.00	627.38
	Add Cartage@1.00				6.27
	total				633.65
2922	CI/MS cover plate hinged to FRL Same with Locking arrangement	each	1.00000	277.00	277.00

	Add Cartage@1.00				2.77
	total				279.77
2836	40 mm to 20 mm reducer	each	1.00000	33.00	33.00
	Add Cartage@1.00				0.33
	total				33.33
2918	Funnel	each	1.00000	19.00	19.00
	Add Cartage@1.00				0.19
	total				19.19
2945	Common burnt clay F.P.S. (non modular) bricks class designation 7.5	each	50.0000	4.00	200.00
	Add Cartage@1.00	40			2.00
	total	WAL	41		202.00
	1ATDISE	Tot	al Cost of	Materials	1839.77
1001	Wireman	Day	0.50000	673.00	336.50
1007	Khallasi	Day	0.50000	553.00	276.50
1010	Mason, Grade 2Other Engineering	Organ	0.20000 ^S	612.00	122.40
1012	Beldar/coolie	Day	1.20000	553.00	663.60
1083	Drilling of 46 Nos 12 mm dia holes on G.I pipe	L.S	1.00000	300.00	300.00

TOTAL	3538.77
Add CPOH @ 15%	530.82
cost for one each	4070.0
Say	4070.0
Cost index 33.9 %	1379.73
Total with Cost index	5449.73
Say	5449.73

2 Specification Code: od170032/2022_2023

Supply and fixing following size earth bench, fixing on surface of od170032/202 wall/parapet
br>using iron screws, bench having holes for connecting earth 2_2023: strip/wires, making
br>good the damages, colour washing etc as required. 25x3x400 mm Cu earth

bench

Code	Description	Unit	Quantity	Rate	Amount	
2901	20 mm X 3 mm copper tape (0.533 kg/mtr)	kg	0.32000	538.00	172.16	
	Add Cartage@1.00				1.72	
	total	\			173.88	
2852	Iron screws, 35 mm X 6 mm	each	2.00000	1.00	2.00	
	Add Cartage@1.00	M	1)		0.02	
	total	KAT	18		2.02	
		To	tal Cost of	Materials	175.9	
1001	Wireman	Day	0.10000	673.00	67.30	
1007	Khallasi Other Engineering	Day	0.10000	553.00	55.30	
1084	Drilling holes	each	10.0000	6.00	60.00	
	1 1 1			TOTAL	358.5	
		,	Add CPOH	H @ 15%	53.77	
	cost for one each					
	412.0					
	139.67					
	551.67					
Say					551.67	

3 Specification Code: od169040/2022_2023

od169040/202 Supply and drawing bare earthing conductors of the following sizes along 2_2023: with
swiring/ cables and giving connection as required. 3.15mm copper

conductor

(10 SWG)

Code	Description	Unit	Quantity	Rate	Amount
2904	8 SWG copper wire (4.0 mm dia)	kg	3.69000	540.00	1992.60
	Add Cartage@1.00				19.93
	Add Wastage@5.00				99.63
	total				2112.16
	_	To	tal Cost of	Materials	2112.16
1001	Wireman	Day	0.50000	673.00	336.50
1016	Mate	Day	0.50000	553.00	276.50
		M	1)	TOTAL	2725.16
		KAT	Add CPOH	H @ 15%	408.77
			cost for 50	0.0 metre	3133.93
			cost for	one metre	63.0
	Other Engineering	Organ	isations	Say	63.0
	21.36				
	84.36				
				Say	84.36

4 Specification Code: od169931/2022_2023

od169931/202 Supply and drawing bare earthing conductors of the following sizes along 2_2023: with
swiring/ cables and giving connection as required.6 SWG dia Copper

Code	Description	Unit	Quantity	Rate	Amount
2904	8 SWG copper wire (4.0 mm dia)	kg	8.31000	540.00	4487.40
	Add Cartage@1.00				44.87
	Add Wastage@5.00				224.37
	total				4756.64

	4756.64				
1001	Wireman	Day	0.75000	673.00	504.75
1016	Mate	Day	0.75000	553.00	414.75

TOTAL	5676.14
Add CPOH @ 15%	851.42
cost for 50.0 metre	6527.56
cost for one metre	131.0
Say	131.0
Cost index 33.9 %	44.41
Total with Cost index	175.41
Say	175.41

5 Specification Code: od169954/2022_2023

2 2023:

Supply and clamping the following size of strips on surface of wall/ od169954/202 parapet/

parapet/

existing cable tray using clamps fabricated from 20 X 3 mm GI flat duly painted or heavy duty GI spacer saddles spacing of clamps not exceeding 1 m, making good the damages, colour washing etc. as required. 25 x 3 mm copper strip

Code	Description	Unit	Quantity	Rate	Amount
2902	25 mm X 5 mm copper tape (1.15 kg/mtr)	kg	6.67000	538.00	3588.46
	Add Cartage@1.00				35.88
	total				3624.34
2911	20 mm X 3 mm G.I. Tape (0.461 kg/mtr)	kg	0.49000	61.00	29.89
	Add Cartage@1.00				0.30
	total				30.19
2852	Iron screws, 35 mm X 6 mm	each	20.0000	1.00	20.00

	Add Cartage@1.00				0.20
	Add Wastage@5.00				1.00
	total				21.20
	Total Cost of Materials				
1001	Wireman	Day	0.25000	673.00	168.25
1009	Blacksmith, Grade 1	Day	0.12500	612.00	76.50
1007	Khallasi	Day	0.37500	553.00	207.38

TOTAL	4127.86
Add CPOH @ 15%	619.18
cost for 10.0 metre	4747.04
cost for one metre	475.0
Say	475.0
Cost index 33.9 %	161.03
Total with Cost index	636.03
Other Engineering Organisations Say	636.03

LIGHT FIXTURES AND FAN 1 Specification Code: od295143/2021_2022

1 2022:

Supply of following Exhaust fan in plastic frame working on 230 V AC including od295143/202 giving connection etc. as required.

br>250mm light duty exhaust fan. Make: Havells or equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	250mm light duty exhaust fan	each	1.00000	1595.76	1595.76	
	Add Cartage@1.00				15.96	
	total				1611.72	
	TOTAL 1611.72					
	Add CPOH @ 15%					

cost for one each	1853.0
Say	1853.0
	ı
Cost index 33.9 %	.00
Total with Cost index	1853.00

2 Specification Code: od295146/2021_2022

od295146/202 1 2022 :

Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.

br>1200mm sweep ceiling fan complete with 300mm down rod , canopies, shackles and blades and resistance type regulator working on 230V/240V single phase A/C.(Make: Havells or Equivalent.)

Code	Description Other Engineering	Unitgan	Quantity	Rate	Amount
MR	Ceiling fan	each	1.00000	1610.17	1610.17
	Add Cartage@1.00				16.10
	total				1626.27
		Tot	al Cost of	Materials	1626.27
90.4.3	Rate as per item number 90.4.3 of SH: OD Electrical	each	1.00000	197.00	197.00
				TOTAL	1626.27
		A	Add CPOF	H @ 15%	273.49
			cost for o	one each	2097.0
	2097.0				
	43.73				
	2140.73				
				Say	2140.73

1853.00

Say

3 Specification Code: od168890/2022 2023

Supply of 20W LED tube light fitting housing made of Extruded od168890/202 thermal

br>polycarbonate with 6500K colour temperature with duly wired up for 2_2023: use on

use on

CThe fittings shall be directly on ceiling/ wall, including all accessories etc as required.

Code	Description	Unit	Quantity	Rate	Amount		
MR1160	1200mm, 20W LED Tube	each	1.00000	491.07		491.07	
	Add Cartage@1.00	1				4.91	
	total	150				495.98	
		MIL	71	TOTAL	495.98		
	74.40						
	7670		cost for o	one each	570.0		
	PA SHEN	21 PE(Say	570.0		
	.00						
	570.00						
	Say						

4 Specification Code: od295163/2021_2022

od295163/202 Supply and fixing 9W LED bulb in existing fitting including all accessories as 1_2022: required. Make:Wipro or eq

Code	Description	Unit	Quantity	Rate	Amount		
MR	9W Bulb	each	1.00000	110.00	110.00		
	Add Cartage@1.00				1.10		
	total				111.10		
	TOTAL 111.1						

Add CPOH @ 15%	16.66
cost for one each	127.0
Say	127.0
Cost index 33.9 %	.00
Total with Cost index	127.00
Say	127.00

5 Specification Code: od168871/2022_2023

od168871/202 2 2023 :

Supply of 7W LED bulkhead fitting (IP 65), housing made of die cast aluminium

solution with 6500K colour temperature with a lumen output minimum 100

100Iumen/Watt, CRI>80,

beam angle 120 degrees, suitable for outdoor applications, including all connections etc. as required. Make -Philips -Vista glow or equivalent

Code	Description	Unit	Quantity	Rate	Amount			
MR	MR 7W bulkhead each 1.00000 750.00							
	Add Cartage@1.00		H			7.50		
	total					757.50		
TOTAL					757.5			
Add CPOH @ 15%					113.62			
cost for one each					871.0			
Say					871.0			
Cost index 33.9 %					.00			
Total with Cost index					871.00			
				Say	871.00			

6 Specification Code: od168868/2022_2023

Supply,installation, testing and commissioning of 60W LED Street light fixture,

housing made of powder coated pressure die-cast Aluminium suitable od168868/202 for outdoor application ,along with complete accessories, Lumen output 6000 2_2023: Lumen, PF 0.95,IP-66,having colour temperature of 5700K, THD<10, CRI>70 in existing pole including all necessary accessories and connections etc as required . Make: Wipro LR02-671-XXX-57-G2 or equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	60W LED street light	each	1.00000	5000.00	5000.00	
	Add Cartage@1.00	\:			50.00	
	total	5.1			5050.00	
	Total Cost of Materials					
1001	Wireman	Day	0.20000	673.00	134.60	
1007	Khallasi	Day	0.30000	553.00	165.90	
	. 5350.5					
	802.58					
	6153.0					
	6153.0					
Cost index 33.9 %					116.96	
Total with Cost index					6269.96	
	6269.96					

7 Specification Code: od163555/2022_2023

od163555/202 Supply and installation of 10cm DIN rail for fixing SP MCB in the existing street 2_2023: light poles as required

Code	Description	Unit	Quantity	Rate	Amount
MR	10cm DIN rail	each	1.00000	17.25	17.25
	Add Cartage@1.00				0.17

	total					17.42
		Tot	al Cost of	Materials		17.42
1001	Wireman	Day	0.06000	673.00		40.38
TOTAL					57.8	
Add CPOH @ 15%					8.67	
cost for one each					66.0	
Say					66.0	
Cost index 33.9 %					15.59	
Total with Cost index					81.59	
	Say					

8 Specification Code: od163852/2022_2023

od163852/202 Supply and fixing of 25cmX12cm hylam sheet for covering the junction 2_2023: box
br>opening in the existing street light poles as required

Code	Description	Unit	Quantity	Rate	Amount	
MR	25cmX12cm hylam sheet	each	1.00000	57.50		57.50
	Add Cartage@1.00					0.58
	total					58.08
Total Cost of Materials						58.08
1001	Wireman	Day	0.06000	673.00		40.38
TOTAL					98.46	
Add CPOH @ 15%					14.77	
cost for one each					113.0	
Say					113.0	
Cost index 33.9 %					15.59	
		Тс	otal with C	ost index	128.59	

1 Cay 120:00		Say	128.59
----------------	--	-----	--------

9 Specification Code: od164049/2022 2023

od164049/202 Supply and installation of loop in loop out connector in the existing street light 2_2023: poles as required.

Code	Description	Unit	Quantity	Rate	Amount			
MR	MR Loop in - out connector each 1.00000 86.25							
	Add Cartage@1.00	0				0.86		
	total	30				87.11		
	Total Cost of Materials							
1001 Wireman Day 0.06000 673.00						40.38		
TOTAL								
Add CPOH @ 15%								
Other Engineering Organisations cost for one each								
Say								
Cost index 33.9 %					15.93			
Total with Cost index					162.93			
				Say	162.93			

PANELS
1 Specification Code: od321329/2021_2022

Supply installation testing commissioning of Metering Panel 1, cubicle type, made out of 1.6mm thick CRCA sheet, totally enclosed, free standing, wall/floor od321329/202 mounting, dust and vermin proof, powder coated, indoor, compartmentalized, 1_2022: suitable for operation on 3 phase and neutral, 415 V, 50Hz AC system with busbars extendable on both sides, including internal wiring with suitable size wires, rotary handle, spreaders, 3mm thick gland plate, hinged type door with

neoprene gasket etc. The panel shall include supply & installation of following switchgears, metering instruments and accessories as per specification. Provision for 1 phase KSEB meter - 8nos, Incomer- 63A 4P TM MCCB 16kA-1no, Outgoings-25A DP MCB 10kA-8 nos, 25 A DP cutout fuse-8 nos

br>(Rate Energy meters is not included in the Estimate)

Code	Description	Unit	Quantity	Rate	Amount		
MR	Metering panel 1	each	1.00000	100315. 00	100315.00		
	Add Cartage@1.00	\.'			1003.15		
	total	5.0	2781		101318.15		
2862	32mm X 8mm bolts & nuts	each	4.00000	4.30	17.20		
	Add Cartage@1.00	12	21		0.17		
	total	54	JALL		17.37		
MR2112	Spring washer for M8 nut	each	4.00000	0.25	1.00		
	0.01						
	1.01						
	101336.53						
1001	1001 Wireman Day 1.20000 673.00						
1007	Khallasi	Day	1.20000	553.00	663.60		
MR719	Wireman Helper	Day	1.20000	600.00	720.00		
				TOTAL	103527.73		
	15529.16						
	119057.0						
	119057.0						
	Cost index 33.9 %						
		To	otal with C	ost index	119637.37		
				Say	119637.37		

2 Specification Code: od321331/2021_2022

od321331/202 1 2022 :

Supply, installation, testing & commissioning of Metering panel 2, cubicle type, made out of 1.6mm thick CRCA sheet, totally enclosed, free standing, wall/floor mounting, dust and vermin proof, powder coated, indoor, compartmentalised, suitable for operation on 3 phase and neutral, 415 V, 50Hz AC system with busbars extendable on both sides, including internal wiring with suitable size wires, rotary handle, spreaders,3mm thick gland plate, hinged type door with neoprene gasket etc. The panel shall include supply & installation of following switchgears, metering instruments and accessories as per specification. Provision for fixing 1 Ph Energy meter-8 no, Incomer: 63A FP TM MCCB 16kA - 1 no, Outgoings- 25A DP MCB -8 nos, 25A DP COF- 8 nos(Rate of energy meter is not included)

Code	Description	Unit	Quantity	Rate	Amount		
MR	Metering panel 2	each	1.00000	100315. 00	100315.00		
	Add Cartage@1.00	rig and			1003.15		
	Other Engineering total	Organ	isations		101318.15		
2862	32mm X 8mm bolts & nuts	each	4.00000	4.30	17.20		
	Add Cartage@1.00				0.17		
	total				17.37		
MR2112	Spring washer for M8 nut	each	4.00000	0.25	1.00		
	Add Cartage@1.00				0.01		
	total				1.01		
	Total Cost of Materials 101336.53						
1001	Wireman	Day	1.20000	673.00	807.60		
1007	Khallasi	Day	1.20000	553.00	663.60		
MR719	Wireman Helper	Day	1.20000	600.00	720.00		
	TOTAL	103527.73					
	15529.16						

cost for one each	119057.0
Say	119057.0

Cost index 33.9 %	580.37
Total with Cost index	119637.37
Say	119637.37

3 Specification Code: od321333/2021_2022

1 2022:

Supply, installation, testing and commissioning of Metering Panel 3, cubicle type, made out of 1.6mm thick CRCA sheet, totally enclosed, free standing, wall/floor mounting, dust and vermin proof powder coated, indoor compartmentalised suitable for operation on 3 phase and neutral, 415V, 50 Hz AC system with busbars extendable on both sides, including internal wiring with suitable size od321333/202 wires, rotary handle, spreaders, 3mm thick gland plate hinged type door with neoprene gasket etc. The panel shall include supply and installation of following switchgears, metering instruments and accessories as per specification. Provision for fixing 1phase KSEB meter-2nos and 3phase KSEB meter with CT- 1no. Incomer: 125A FP TM MCCB 25kA - 1no, Outgoing: 25A DP MCB 10kA-2 nos, 25A DP COF- 2 nos, 63A FP TM MCCB 16kA- 1 no, 63A FP COF-3 nos. (Rate of Energy meters and CT is not included in the Estimate)

Code	Description	Unit	Quantity	Rate	Amount
MR	Metering panel 3	each	1.00000	55850.0 0	55850.00
	Add Cartage@1.00				558.50
	total				56408.50
2862	32mm X 8mm bolts & nuts	each	4.00000	4.30	17.20
	Add Cartage@1.00				0.17
	total				17.37
MR2112	Spring washer for M8 nut	each	4.00000	0.25	1.00
	Add Cartage@1.00				0.01

	total				1.01
Total Cost of Materials				56426.88	
1001	Wireman	Day	1.20000	673.00	807.60
1007	Khallasi	Day	1.20000	553.00	663.60
MR719	Wireman Helper	Day	1.20000	600.00	720.00

TOTAL	58618.08
Add CPOH @ 15%	8792.71
cost for one each	67411.0
Say	67411.0
Cost index 33.9 %	580.37
Total with Cost index	67991.37
Say	67991.37

4 Specification Code: od321383/2021_2022

Other Engineering Organisations

Supply, installation, testing & commissioning of common panel, cubicle type, made out of 1.6mm thick CRCA sheet, totally enclosed, free standing, floor/wall mounting, dust and vermin proof, powder coated, indoor, compartmentalized, suitable for operation on 3 phase and neutral, 415 V, 50Hz AC system with busbars extendable on both sides, including internal wiring with suitable size wires, rotary handle, spreaders, 3mm thick gland plate, hinged type door with neoprene gasket etc. The panel shall include supply & installation of following switchgears, metering instruments and accessories as per specification. Meters and indication lamps: RYB indication, MFM (Voltage, Ammeter, Frequency And Power Factor) with control fuses and CT's. Incomer: 63A FP MCCB 16kA (Thermal Magnetic) - 1no, 63A FP COS - 1no. Outgoings: 40A FP isolator-1nos, 25A DP MCB 10kA-1nos. 25A FP MCB 10kA- 2 nos. Accessories as per schematic drawing.

od321383/202 1_2022 :

Cada	Decembring	1 lm:4	O	Data	A
Code	Description	Unit	Quantity	Rate	Amount

MR	Common Panel	each	1.00000	56890.0 0	56890.00
	Add Cartage@1.00				568.90
	total				57458.90
2862	32mm X 8mm bolts & nuts	each	4.00000	4.30	17.20
	Add Cartage@1.00				0.17
	total				17.37
MR2112	Spring washer for M8 nut	each	4.00000	0.25	1.00
	Add Cartage@1.00				0.01
	total	1			1.01
- K3 800 X			tal Cost of	Materials	57477.28
1001	Wireman	Day	1.20000	673.00	807.60
1007	Khallasi	Day	1.20000	553.00	663.60
MR719	Wireman Helper	Day	1.20000	600.00	720.00

Other Engineering Organisations TOTAL	59668.48
Add CPOH @ 15%	8950.27
cost for one each	68619.0
Say	68619.0
Cost index 33.9 %	580.37
Total with Cost index	69199.37
Say	69199.37

5 Specification Code: od168863/2022_2023

od168863/202 2_2023 :

Supply, installation, testing & commissioning of fire panel, cubicle type, made out of 1.6mm thick CRCA sheet, totally enclosed, free standing, floor/wall mounting, dust and vermin proof, powder coated, indoor, compartmentalized, suitable for operation on 3 phase and neutral, 415 V, 50Hz AC system with busbars extendable on both sides, including internal wiring with suitable size wires, rotary

handle, spreaders, 3mm thick gland plate, hinged type door with neoprene gasket etc. The panel shall include supply & installation of following switchgears, metering instruments and accessories as per specification. Meters and indication lamps: RYB indication, MFM (Voltage, Ammeter, Frequency And Power Factor) with control fuses and CT's. Incomer: 40A FP isolator-1 no. Outgoings:25A FP isolator-2 nos.

Code	Description	Unit	Quantity	Rate	Amount	
MR	Fire panel	each	1.00000	39555.0 0	39555.00	
	Add Cartage@1.00	1			395.55	
	total	40			39950.55	
2862	32mm X 8mm bolts & nuts	each	4.00000	4.30	17.20	
	Add Cartage@1.00	M	BIL		0.17	
	total				17.37	
MR2112	Spring washer for M8 nut	each	4.00000	0.25	1.00	
	Add Cartage@1.00ther Engineering	Organ	isations		0.01	
	D total		F		1.01	
	1 1/ 1	Tói	al Cost of	Materials	39968.93	
1001	Wireman	Day	1.00000	673.00	673.00	
1007	Khallasi	Day	0.80000	553.00	442.40	
MR719	Wireman Helper	Day	0.80000	600.00	480.00	
				TOTAL	41564.33	
		ı	Add CPOF	l @ 15%	6234.65	
	cost for one each					
	47799.0					
	Cost index 33.9 %					
	Total with Cost index					
				Say	48240.72	

DG

1 Specification Code: od163635/2022_2023

Supply, installation, testing and commissioning of 20kVA/16kW three phase DG Set incorporating Diesel Engine developing 32 BHP at 1500RPM, radiator Cooled, od163635/202 Coupled Alternator rated at 16kW/20kVA, 415V, mounted on a Channel Iron Base 2_2023: Frame complete with Fuel Tank, Battery, Control Panel and other Standard Accessories with suitable CPCB Norms Approved Factory Assembled Acoustic Enclosure.

Code	Description	Unit	Quantity	Rate	Amount
MR	20kVA DG Set	each	1.00000	337288. 13	337288.13
	Add Cartage@1.00		Bot		3372.88
	total				340661.01
	Bolin 1	To	tal Cost of	Materials	340661.01
1001	Wireman Other Engineering	Organ	1.80000	673.00	1211.40
MR719	Wireman Helper	Day	1.80000	600.00	1080.00
MR2435	Charges for Crane	Day	1.00000	3000.00	3000.00
				TOTAL	345952.41
			Add CPOF	l @ 15%	51892.86
			cost for o	one each	397845.0
	Say				
Cost index 33.9 %					472.23
Total with Cost index					398317.23
				Say	398317.23

MISCELLANEOUS ITEMS	
1 Specification Code: od163834/2022_2023	

Preparation of all drawings, submitting and getting approval arranging inspection od163834/202 from KSEB, obtaining power allocation & permanent power connection etc and 2_2023: commissioning of the whole installation in the premises. All statutory payments will be reimbursed on production of the original receipts.

Code	Description	Unit	Quantity	Rate	Amount
MR	KSEB Approval charges	job	1.00000	6956.52	6956.52
				TOTAL	6956.52
		,	Add CPOH	l @ 15%	1043.48
		A.	cost fo	r one job	8000.0
	- C MI	1837		Say	8000.0
	Cost index 33.9 %				
Total with Cost index					8000.00
Say					8000.00

2 Specification Code: od163844/2022_2023 Ingineering Organisations

od163844/202 2 2023 :

Preparation of all drawings, submitting and getting approval from Electrical Inspectorate, submitting of completion certificates and arranging inspection, getting sanction and energisation certificates from Electrical Inspectorate and commissioning of the whole installation in the premises. All statutory payments will be reimbursed on production of the original receipts.

Code	Description	Unit	Quantity	Rate	Amount
MR	Inspectorate charges	job	1.00000	10434.7 8	10434.78
	TOTAL				
	Add CPOH @ 15%				
	cost for one job				
Say					12000.0
		C	ost index	33.9 %	.00

Total w	ith Cost index	12000.00
	Say	12000.00

3 Specification Code: od165956/2022_2023

od165956/202 Supply and fixing framed shock treatment chart as required.

Code	Description	Unit	Quantity	Rate	Amount	
MR	Shock treatment chart	each	1.00000	460.00		460.00
	Add Cartage@1.00	30				4.60
	total	1/2/1	12			464.60
	1 AT LUSSE	То	tal Cost of	Materials		464.6
1001	Wireman	Day	0.01000	673.00		6.73
1007	Khallasi	Day	0.01000	553.00		5.53
	Other Engineering	Organ	isations	TOTAL	476.86	
	PRI		Add CPOH	H @ 15%	71.53	
			cost for	one each	548.0	
				Say	548.0	
		C	Cost index	33.9 %	4.75	
		To	otal with C	ost index	552.75	
				Say	552.75	

4 Specification Code: od166000/2022_2023

od166000/202 Supply and providing 2.00 mm thick, 3.3 kV, Synthetic elastromeric fire retardant insulating sheet. 2_2023:

Code	Description	Unit	()unantity	Rate	Amount
Code	Description	OTH	Quantity	Nate	Allioulit

MR2068	2.00 mm thick, 3.3 kV, Synthetic elastromeric fire retardant insulating sheet	sqm	1.00000	1313.56	1313.56
	Add Cartage@1.00				13.14
	total				1326.70
		Tot	al Cost of	Materials	1326.7
1001	Wireman	Day	0.05000	673.00	33.65
1007	Khallasi	Day	0.05000	553.00	27.65

TOTAL	1388.0
Add CPOH @ 15%	208.20
cost for one sqm	1596.0
Say	1596.0
Cost index 33.9 %	23.73
Total with Cost index	1619.73
Other Engineering Organisations Say	1619.73

Other Engineering Organisations
PRICE

Construction of care home at Kannur- Type A- PHE works

General Abstract

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

		_
SI No	Heading Description	Amount
1	PHE Estimate	596279.58
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	596280.00
	Lumpsum for round off	0.00
		TOTAL Rs 596280.00
		Rounded Total Rs 5,96,280
	Rupees Five Lakh Ninety Six	x Thousand Two Hundred and Eighty Only

(Cost Index Applied for this estimate is 33.9%)



Construction of care home at Kannur- Type A- PHE works

Abstract Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

	1 PHE Estimate	
1	17.13.2 Providing and fixing white vitreous china water closet squatting pan pan of size 580x440 mm	(Indian type):Orissa pattern W.C
	Net Total Quantity	7.000 each
	Say 7.000 each @ Rs 2957.78 / each	Rs 20704.46
2	17.2.1 Providing and fixing white vitreous china pedestal type water closet (I and lid, 10 litre low level white P.V.C. flushing cistern, including fludevice (handle lever), conforming to IS: 7231, with all fittings and fixtumaking good the walls and floors wherever required:W.C. pan with and lid	ush pipe, with manually controlle ures complete, including cutting an
	Net Total Quantity	1.000 each
	Say 1.000 each @ Rs 6115.48 / each	Rs 6115.48
3	50.17.1.5 Supplying and fixing CP Health Faucet superior quality (Jagur or ematerials and labour charges etc complete as per the direction of s	· · · · · ·
	Net Total Quantity	1.000 no
	Other Ensay 1.000 no @ Rs 1280.73 / no	NS Rs 1280.73
4	17.7.2 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, converged wherever require: White Vitreous China Wash basin size 630 x 450 m pillar tap	utting and making good the wall
	Net Total Quantity	9.000 each
	Say 9.000 each @ Rs 3198.13 / each	Rs 28783.17
5	17.10.2.1 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as pstainless steel plug 40 mm, including painting of fittings and brackets, wherever required: Kitchen sink without drain board610x510 mm bowl	per IS 13983 with C.I. brackets an cutting and making good the wall
	Net Total Quantity	8.000 each
	Say 8.000 each @ Rs 4221.40 / each	Rs 33771.20
6	18.51.1 Providing and fixing C.P. brass long body bib cock of approved qual weighing not less than 690 gms.15 mm nominal bore	ity conforming to IS standards an
	weighing not less than 650 gms. To min hominal bore	

	Say 18.000 each @ Rs 642.05 / each	Rs 11556.90
7	18.53.1 Providing and fixing C.P. brass angle valve for basin mixer and conforming to IS: 893115 mm nominal bore	geyser points of approved qua
	Net Total Quantity	11.000 each
	Say 11.000 each @ Rs 618.42 / each	Rs 6802.62
8	17.73.1 Providing and fixing PTMT towel rail complete with brackets fixed to w with concealed fitting arrangement of approved quality and colour450 of 495 mm, 78 mm wide and effective height of 88 mm. weighing not I	mm long towel rail with total ler
	Net Total Quantity	8.000 no
	Say 8.000 no @ Rs 645.60 / no	Rs 5164.80
9	od160996/2022_2023 Supplying & fixing of 4 nos of Grab bar and 1 no of Folding type Grab side of commode for physically challend persons all complete as Equivalent.	· ·
	Net Total Quantity	1.000 each
10	Say 1.000 each @ Rs 26509.05 / each 50.18.8.6.2	Rs 26509.05
10	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2	h clamps at 1.00 m spacing It and testing of joints complete It chases and making good the
10	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity	h clamps at 1.00 m spacing. that and testing of joints complete chases and making good the
11	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2	th clamps at 1.00 m spacing. The and testing of joints complete to the chases and making good the complete to the clamps at 1.00 m spacing. The clamps at 1.00 m spacing. The clamps at 1.00 m spacing.
	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 75.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges.	th clamps at 1.00 m spacing. It and testing of joints complete g chases and making good the 75.000 metre Rs 32594.25 th clamps at 1.00 m spacing. It testing of joints complete as
	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 75.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges mm pipe 6 Kgf/cm2	h clamps at 1.00 m spacing. The and testing of joints complete graphs and making good the second making good the second making good the second making at 1.00 m spacing. The string of joints complete as asses and making good the wall
	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 75.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges mm pipe 6 Kgf/cm2 Net Total Quantity Say 10.000 metre @ Rs 617.10 / metre 50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges including	h clamps at 1.00 m spacing. It and testing of joints complete graph chases and making good the 75.000 metre Rs 32594.25 h clamps at 1.00 m spacing. It testing of joints complete as asses and making good the wall 10.000 metre Rs 6171.00 h clamps at 1.00 m spacing. It testing of joints complete as asses and making good the wall 10.000 metre
11	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 75.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges may be a fixed providing and fixing PVC pipes, fittings including fixing the pipe with say 10.000 metre @ Rs 617.10 / metre 50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes with one step PVC solvent cement and	h clamps at 1.00 m spacing. It and testing of joints complete graph chases and making good the 75.000 metre Rs 32594.25 h clamps at 1.00 m spacing. Itesting of joints complete as asses and making good the wall 10.000 metre Rs 6171.00 h clamps at 1.00 m spacing. Itesting of joints complete as asses and making good the wall 10.000 metre

14	Say 15.000 metre @ Rs 371.72 / metre 50.18.9.18.1 Providing and fixing PVC pipes including fixing the pipe with clan	
	included jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 6Kgf/cm2 - External w	• • •
	Net Total Quantity	36.000 metre
	Say 36.000 metre @ Rs 280.15 / metre	Rs 10085.40
	Providing and fixing PVC pipes including fixing the pipe with clamp includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 110 mm dia 6 Kgf/cm2 - Externa	testing of joints complete as pe work- Exposed on wall
	Net Total Quantity	20.000 metre
	Say 20.000 metre @ Rs 380.20 / metre	Rs 7604.00
40		
16	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with clan includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External v	testing of joints complete as pe
16	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with clan includes jointing of pipes with one step PVC solvent cement and	testing of joints complete as pervork - exposed on wall
16	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with clan includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External v	testing of joints complete as pe
16	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with clan includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External v	testing of joints complete as pervork - exposed on wall 3.000 metre Rs 672.15 aps/Clips at 1.00 m spacing. This testing of joints complete as per
	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with cland includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External volume Net Total Quantity Say 3.000 metre @ Rs 224.05 / metre 50.18.9.18.2 Providing and fixing PVC pipes including fixing the pipe with clamping included jointing of pipes with one step PVC solvent cement and	testing of joints complete as pervork - exposed on wall 3.000 metre Rs 672.15 aps/Clips at 1.00 m spacing. This testing of joints complete as per
	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with cland includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External volume Net Total Quantity Say 3.000 metre @ Rs 224.05 / metre 50.18.9.18.2 Providing and fixing PVC pipes including fixing the pipe with clamping included jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 85 mm dia 4 Kfg/cm2 - External step PVC solvent cement and direction of Engineer-in-Charge 85 mm dia 4 Kfg/cm2 - External step PVC solven	testing of joints complete as pervork - exposed on wall 3.000 metre Rs 672.15 aps/Clips at 1.00 m spacing. This testing of joints complete as perwork - Exposed on wall
	Providing and fixing PVC pipes including fixing the pipe with cland includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External volume Net Total Quantity Say 3.000 metre @ Rs 224.05 / metre 50.18.9.18.2 Providing and fixing PVC pipes including fixing the pipe with clamping included jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External volume Net Total Quantity	testing of joints complete as pervork - exposed on wall 3.000 metre Rs 672.15 aps/Clips at 1.00 m spacing. This testing of joints complete as perwork - Exposed on wall 60.000 metre Rs 14322.00 sep PVC solvent cement, trenching
17	Providing and fixing PVC pipes including fixing the pipe with cland includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External volume Net Total Quantity Say 3.000 metre @ Rs 224.05 / metre 50.18.9.18.2 Providing and fixing PVC pipes including fixing the pipe with cland included jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External volume Net Total Quantity Say 60.000 metre @ Rs 238.70 / metre 50.18.9.8.1 Providing and fixing PVC pipes includings jointing of pipes with one step	testing of joints complete as pervork - exposed on wall 3.000 metre Rs 672.15 aps/Clips at 1.00 m spacing. This testing of joints complete as perwork - Exposed on wall 60.000 metre Rs 14322.00 seep PVC solvent cement, trenching

	Net Total Quantity	77.000 metre
	Say 77.000 metre @ Rs 522.82 / metre	Rs 40257.14
20	50.18.9.10.1 Providing and fixing PVC pipes includings jointing of pipes with one strefilling & testing of joints complete as per direction of Engineer in Ch	• •
	Net Total Quantity	83.000 metre
	Say 83.000 metre @ Rs 899.67 / metre	Rs 74672.61
21	od160997/2022_2023 Providing, fixing, testing and commissioning pvc multy inlet (110 cleansing design with or without vent arm complete, including cost cutting and making good the walls and floors where ever required	· · · · · · · · · · · · · · · · · · ·
	Net Total Quantity	16.000 each
	Say 16.000 each @ Rs 461.52 / each	Rs 7384.32
22	od160998/2022_2023 Providing, fixing, testing and commissioning at site 100x100 mm squa Grating Cover with protection from cockroaches of matching size of m respects.	
	Net Total Quantity	16.000 each
	Say 16.000 each @ Rs 525.63 / each	Rs 8410.08
23	od160999/2022_2023 there is a single of approved design. projecting 75 fixed on wall with 2 nos, 6/8 mm dia expansion hold fasteners, including	ns 5 mm outside the wall surface a
	wall / CC / RCC surface and the cost of bolts included. The pipes s brackets with the help of 8 mm galvanised GI "U" bolts of specified sha bolts, & washers of suitable size, one bolts on each side of the pipe.	shall be fixed to the already fix
	brackets with the help of 8 mm galvanised GI "U" bolts of specified sha	shall be fixed to the already fix
	brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe.	shall be fixed to the already fixape and shall be fixed with GI n
24	brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe. Net Total Quantity	shall be fixed to the already fixape and shall be fixed with GI n 40.000 each Rs 39946.00
24	brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe. Net Total Quantity Say 40.000 each @ Rs 998.65 / each 19.4.2.1	shall be fixed to the already fixape and shall be fixed with GI n 40.000 each Rs 39946.00
24	brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe. Net Total Quantity Say 40.000 each @ Rs 998.65 / each 19.4.2.1 150x100 mm size P typeWith common burnt clay F.P.S. (non modular)	shall be fixed to the already fixape and shall be fixed with GI not 40.000 each Rs 39946.00 bricks of class designation 7.5
24	brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe. Net Total Quantity Say 40.000 each @ Rs 998.65 / each 19.4.2.1 150x100 mm size P typeWith common burnt clay F.P.S. (non modular) Net Total Quantity	shall be fixed to the already fixed ape and shall be fixed with GI n 40.000 each Rs 39946.00 bricks of class designation 7.5 8.000 each Rs 21549.84
	brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe. Net Total Quantity Say 40.000 each @ Rs 998.65 / each 19.4.2.1 150x100 mm size P typeWith common burnt clay F.P.S. (non modular) Net Total Quantity Say 8.000 each @ Rs 2693.73 / each 50.18.9.21 Providing and fixing PVC moulded fittings/accessories for Rigid PVC	shall be fixed to the already fixed ape and shall be fixed with GI n 40.000 each Rs 39946.00 bricks of class designation 7.5 8.000 each Rs 21549.84

Say 20.000 no @ Rs 104.79 / no	Rs 2095.80
Net Total Quantity	20.000 no
50.18.9.22.2 Providing and fixing PVC moulded fittings / accessories for Rigid PVC solvent cement - 110 mm dia 45 degree Elbow	pipes, including jointing with P\
Say 16.000 no @ Rs 107.09 / no	Rs 1713.44
Net Total Quantity	16.000 no
50.18.9.22.1 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 110 mm dia Elbow	pipes, including jointing with P
Say 26.000 no @ Rs 72.48 / no	Rs 1884.48
Net Total Quantity	26.000 no
50.18.9.21.9 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Socket /coupling	pipes, including jointing with P
Other En Say 16.000 no @ Rs 86.38 / no	Rs 1382.08
Net Total Quantity	16.000 no
50.18.9.21.7 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Vent cowl	pipes, including jointing with P
Say 16.000 no @ Rs 106.50 / no	Rs 1704.00
Net Total Quantity	16.000 no
50.18.9.21.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 75x75x75 mm dia Door Tee	pipes, including jointing with P
Say 8.000 no @ Rs 88.13 / no	Rs 705.04
Net Total Quantity	8.000 no
50.18.9.21.4 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Bend	; pipes, including jointing with P
Say 16.000 no @ Rs 70.13 / no	Rs 1122.08
Net Total Quantity	16.000 no
Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement -75 mm dia 45 degree Elbow	pipes, including jointing with P
	Net Total Quantity Say 16.000 no @ Rs 70.13 / no 50.18.9.21.4 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Bend Net Total Quantity Say 8.000 no @ Rs 88.13 / no 50.18.9.21.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 75x75x75 mm dia Door Tee Net Total Quantity Say 16.000 no @ Rs 106.50 / no 50.18.9.21.7 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Vent cowl Net Total Quantity Say 16.000 no @ Rs 86.38 / no 50.18.9.21.9 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Socket /coupling Net Total Quantity Say 26.000 no @ Rs 72.48 / no 50.18.9.22.1 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 110 mm dia Elbow Net Total Quantity Say 16.000 no @ Rs 107.09 / no 50.18.9.22.2 Providing and fixing PVC moulded fittings / accessories for Rigid PVC solvent cement - 110 mm dia 45 degree Elbow Net Total Quantity

	50.18.9.22.4 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement- 110 mm dia Bend	pipes, including jointing with PVC
	Net Total Quantity	8.000 no
	Say 8.000 no @ Rs 160.54 / no	Rs 1284.32
34	50.18.9.22.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 110x110x110 mm dia Door tee	pipes, including jointing with PVC
	Net Total Quantity	8.000 no
	Say 8.000 no @ Rs 187.04 / no	Rs 1496.32
35	50.18.9.22.8 Providing and fixing PVC moulded fittings /accessories for Rigid PVC solvent cement -110 mm dia Vent cowl	
	Net Total Quantity	8.000 no
	Say 8.000 no @ Rs 123.34 / no	Rs 986.72
36	50.18.9.22.11 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 110 mm dia Socket/ coupling Net Total Quantity	pipes,including jointing with PV
	Say 33.000 no @ Rs 110.59 / no	Rs 3649.47
27	Other Engineering Organisatio	113
37	od161000/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling	pipes,including jointing with PV
<i>31</i>	Providing and fixing PVC moulded fittings/accessories for Rigid PVC	pipes,including jointing with PV
31	Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling	
38	Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity	14.000 each Rs 4718.42 th clamps at 1.00 m spacing. The and testing of joints complete a
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 14.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting	14.000 each Rs 4718.42 th clamps at 1.00 m spacing. The and testing of joints complete a
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 14.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 25 mm pipe 10kgf /cm2	14.000 each Rs 4718.42 Th clamps at 1.00 m spacing. The and testing of joints complete a great chases and making good the way
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 14.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 25 mm pipe 10kgf /cm2 Net Total Quantity	14.000 each Rs 4718.42 Th clamps at 1.00 m spacing. This and testing of joints complete as chases and making good the way 90.000 metre Rs 37484.10 Th clamps at 1.00 m spacing. This and testing of joints complete as
38	Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 14.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 25 mm pipe 10kgf /cm2 Net Total Quantity Say 90.000 metre @ Rs 416.49 / metre 50.18.7.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer	14.000 each Rs 4718.42 Th clamps at 1.00 m spacing. This and testing of joints complete as chases and making good the was 90.000 metre Rs 37484.10 Th clamps at 1.00 m spacing. This and testing of joints complete as and testing of joints complete as and testing of joints complete as a second complet

40	50.18.7.4.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer	
	per direction of Engineer-in-Charge 32 mm dia 10Kgf/cm2- Internal v	
	Net Total Quantity	30.000 metre
	Say 30.000 metre @ Rs 314.55 / metre	Rs 9436.50
41	50.18.9.3.2 Providing and fixing PVC pipes includes jointing of pipes with one st refilling & testing of joints complete as per direction of Engineer in C	•
	Net Total Quantity	13.000 metre
	Say 13.000 metre @ Rs 214.13 / metre	Rs 2783.69
42	od161001/2022_2023 Providing and fixing ball valve (brass) of approved quality. br>20 mm	nominal bore
	Net Total Quantity	16.000 each
	Say 16.000 each @ Rs 620.78 / each	Rs 9932.48
43	od161002/2022_2023 Providing and fixing ball valve (brass) of approved quality. br>25 mm	nominal bore
	Net Total Quantity	8.000 each
	Say 8.000 each @ Rs 954.67 / each	Rs 7637.36
44	18.48 Other Engineering Organisation Providing and placing on terrace (at all floor levels) polyethylene wat with cover and suitable locking arrangement and making necessary pipes but without fittings and the base support for tank.	er storage tank :ISI 12701 marked,
	Net Total Quantity	4000.000 Litre
	Say 4000.000 Litre @ Rs 10.24 / Litre	Rs 40960.00
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	596280.00
	Lumpsum for round off	0.00
		TOTAL Rs 596280.00
		Rounded Total Rs 5,96,280
	Rupees Five Lakh Ninety Six Thous	sand Two Hundred and Eighty Only

(Cost Index Applied for this estimate is 33.9%)

Construction of care home at Kannur- Type A- PHE works

Detailed Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Description	No	L	В	D	CF	Quantity	Remark					
			1 PHE I	Estimate									
1	17.13.2 Providing and fixing w pan of size 580x440 m		s china wat	er closet sq	uatting pan	(Indian typ	oe):Orissa pa	attern W.C					
		7					7.000						
					Tota	al Quantity	7.000 eacl	n					
				Тс	tal Deducte	d Quantity	/ 0.000 each						
	Net Total Quantity 7.000 each												
			Say	7.000 each	@ Rs 2957	.78 / each	Rs 20	704.46					
	Providing and fixing whand lid, 10 litre low le device (handle lever), of making good the walls and lid	vel white P conforming t	.V.C. flushii o IS : 7231,	ng cistern, i with all fittir	ncluding flungs and fixtu	ush pipe, wi	ith manually te, including	controlled					
		1	No.	a male			1.000						
	O	ther En	igineeri	ng Orga	anisatic	al Quantity	/ 1.000 each						
				To	otal Deducte	d Quantity	0.000 eacl	n					
					Net Tota	al Quantity	1.000 eacl	n					
			Say	1.000 each	@ Rs 6115	.48 / each	Rs 61	15.48					
3	50.17.1.5 Supplying and fixing C materials and labour c		•		` •	•	,	•					
		1					1.000						
					Tota	al Quantity	1.000 no						
				To	tal Deducte	d Quantity	0.000 no						
					Net Tota	al Quantity	1.000 no						
	Say 1.000 no @ Rs 1280.73 / no							80.73					
4	17.7.2 Providing and fixing wa of standard pattern, in wherever require: White pillar tap	ncluding pa	ainting of fit	tings and b	orackets, cu	utting and r	making good	d the walls					

		9					9.000		
					Tota	al Quantity	9.000 ead	h	
	Total Deducted Quantity						0.000 each		
	Net Total Quantity						9.000 ead	h	
			Say	9.000 each	@ Rs 3198	.13 / each	Rs 28	Rs 28783.17	
5	17.10.2.1 Providing and fixing St stainless steel plug 40 wherever required:Kitcl	mm, includi	ng painting	of fittings ar	nd brackets,	cutting and	d making go		
		8					8.000		
			0	6	Tota	al Quantity	8.000 ead	h	
			JAM	To	tal Deducte	d Quantity	0.000 ead	:h	
		-	E. 2 1		Net Tota	al Quantity	8.000 ead	:h	
		610	Say	8.000 each	@ Rs 4221	.40 / each	Rs 33	3771.20	
			1 44 / 1 3	1. 1. 18 Part	proved quar	ity conform	ing to 15 Sta	indards	
	weighing not less than	690 gms.1	1 44 / 1 3	1. 1. 18 Part	oroved quar	ity conform		indards a	
			1 44 / 1 3	1. 1. 18 Part			18.000		
		690 gms.1	1 44 / 1 3	nal bore	Tota	al Quantity	18.000 18.000 ea	ach	
		690 gms.1	5 mm nomi	nal bore	Tota	al Quantity d Quantity	18.000 18.000 ea 0.000 eac	ach	
		690 gms.1	5 mm nomi	nal bore	Tota	al Quantity d Quantity al Quantity	18.000 eac 0.000 eac 18.000 eac	ach	
7		690 gms.1 18 Other Er	5 mm nomi	nal bore ng Organia 18.000 each	Tota annsatio otal Deducte Net Tota n @ Rs 642	d Quantity d Quantity Quantity 05 / each	18.000 18.000 ea 0.000 ea 18.000 ea Rs 11	ach ch ach	
7	weighing not less than 18.53.1 Providing and fixing 0	690 gms.1 18 Other Er	5 mm nomi	nal bore ng Organia 18.000 each	Tota annsatio otal Deducte Net Tota n @ Rs 642	d Quantity d Quantity Quantity 05 / each	18.000 18.000 ea 0.000 ea 18.000 ea Rs 11	ach ch ach	
7	weighing not less than 18.53.1 Providing and fixing 0	690 gms.1 18 C.P. brass at 115 mm no	5 mm nomi	nal bore ng Organia 18.000 each	Tota anisation otal Deducte Net Tota n @ Rs 642 mixer and g	d Quantity d Quantity Quantity 05 / each	18.000 eac 0.000 eac 18.000 eac Rs 11	ach ch ach 556.90 oved qua	
7	weighing not less than 18.53.1 Providing and fixing 0	690 gms.1 18 C.P. brass at 115 mm no	5 mm nomi	18.000 each	Tota anisation otal Deducte Net Tota n @ Rs 642 mixer and g	al Quantity d Quantity al Quantity 05 / each geyser poin	18.000 eac 0.000 eac 18.000 eac Rs 11	ach ach 556.90 ach	
7	weighing not less than 18.53.1 Providing and fixing 0	690 gms.1 18 C.P. brass at 115 mm no	5 mm nomi	18.000 each	Tota tal Deducte Net Tota n @ Rs 642 mixer and g Tota tal Deducte	al Quantity d Quantity al Quantity 05 / each geyser poin	18.000 18.000 eac 0.000 eac 18.000 eac 18.000 eac 18.000 eac 11.000 eac 11.000 eac	ach ach 556.90 ach ach	
7	weighing not less than 18.53.1 Providing and fixing 0	690 gms.1 18 C.P. brass at 115 mm no	Say angle valve ominal bore	18.000 each	Total Deducte Net Total n @ Rs 642 mixer and go Total otal Deducte Net Total	al Quantity d Quantity al Quantity 05 / each geyser poin al Quantity d Quantity al Quantity	18.000 18.000 eac 0.000 eac 18.000 eac 18.000 eac 11.000 11.000 eac 11.000 eac 11.000 eac	ach ach 556.90 ach ach	
7	weighing not less than 18.53.1 Providing and fixing 0	C.P. brass at 115 mm not 11	Say angle valve ominal bore Say ail complete	18.000 each 10.000 each 11.000 each with bracked quality and	Total Deducte Net Total n @ Rs 642 mixer and go tal Deducte Net Total n and Rs 618 ts fixed to we d colour450	al Quantity d Quantity al Quantity d Quantity d Quantity d Quantity d Quantity al Quantity al Quantity al Quantity ooden clear mm long to	18.000 18.000 eac 0.000 eac 18.000 eac 18.000 eac 11.000 11.000 eac 11.	ach stach stach stach ach ach ach ach ach ach ach ach	
	18.53.1 Providing and fixing Conforming to IS: 893 17.73.1 Providing and fixing PT with concealed fitting a	C.P. brass at 115 mm not 11	Say angle valve ominal bore Say ail complete	18.000 each 10.000 each 11.000 each with bracked quality and	Total Deducte Net Total n @ Rs 642 mixer and go tal Deducte Net Total n and Rs 618 ts fixed to we d colour450	al Quantity d Quantity al Quantity d Quantity d Quantity d Quantity d Quantity al Quantity al Quantity al Quantity ooden clear mm long to	18.000 18.000 eac 0.000 eac 18.000 eac 18.000 eac 11.000 11.000 eac 11.	ach 556.90 ach ach ach ach ach ach ach ach	

			Total [Deducted Quantity	0.000 no		
				Net Total Quantity	8.000 no		
		Rs 51	64.80				
9	od160996/2022_2023 Supplying & fixing of 4 nos of side of commode for physical Equivalent.				-	_	
		1			1.000		
				Total Quantity	1.000 eac	h	
			Total [Deducted Quantity	0.000 eac	h	
		0	60	Net Total Quantity	1.000 eac	h	
		Rs 26	509.05				
	etc. 50 mm pipe 6 kgf/cm2	1 75.000		shill had	75.000		
	per direction of Engineer-in-0 etc. 50 mm pipe 6 kgf/cm2				,		
	1	75.000			75.000		
	0.1	75.000 metre					
	Other	0.000 metre					
	D	\mathbf{D}		Net Total Quantity	75.000 me	etre	
11	Say 75.000 metre @ Rs 434.59 / metre Rs 32594.25 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. Th includes jointing of pipes with one step PVC solvent cement and testing of joints complete as pedirection of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall engineer-in-Charge.						
	75 mm pipe 6 Kgf/cm2	1 10.000			10.000		
		1 10.000		Total Quantity	10.000 me	etre	
			Total [Deducted Quantity	0.000 met		
		10.000 me					
		Say 1		Net Total Quantity Rs 617.10 / metre		71.00	
12	50.18.8.9.1 Providing and fixing PVC pi includes jointing of pipes w direction of Engineer-in-Char	vith one step PV	C solvent ceme	ent and testing of	joints comp	lete as pe	

		1	16.000				16.000				
					Tota	al Quantity	16.000 m	etre			
				To	tal Deducte	d Quantity	0.000 me	tre			
					Net Tot	al Quantity	16.000 metre				
			Say 1	6.000 metre	@ Rs 717.	10 / metre	Rs 11473.60				
13	50.18.7.6.2 Providing and fixing Pincludes jointing of piper direction of Engine	es & fittings	with one s	tep PVC sol	vent cemer	nt and testin	ng of joints o	•			
		1	15.000				15.000				
			n.	-63	Tot	al Quantity	15.000 m	etre			
			1190	Тс	tal Deducte	d Quantity	0.000 me	tre			
		-	E. S 1		Net Total	al Quantity	15.000 m	etre			
		610	Say 1	5.000 metre	@ Rs 371.	72 / metre	Rs 5	575.80			
	included jointing of pildirection of Engineer-	in-Charge	75 mm dia 36.000	6Kgf/cm2 -	External v	vork- Expos		•			
		ther En	igineeri	ng Orga	anisar	al Quantity	36.000 m	etre			
				Тс	tal Deducte	d Quantity	0.000 me	tre			
					Net Tot	al Quantity	36.000 m	etre			
			Say 3	6.000 metre	@ Rs 280.	15 / metre	Rs 10	085.40			
15	50.18.9.19.1 Providing and fixing P includes jointing of pil direction of Engineer-	pes with or	ne step PV	C solvent c	ement and	testing of j	joints comp	lete as pe			
		1	20.000				20.000				
					Tota	al Quantity	20.000 m	etre			
	Total Deducted Quantity						0.000 me	tre			
	Net Total Quantity						20.000 m	etre			
	Say 20.000 metre @ Rs 380.20 / metre						Rs 7	604.00			
16	50.18.9.17.2 Providing and fixing Pincludes jointing of pindirection of Engineer-	pes with or	ne step PV	C solvent c	ement and	testing of j	joints comp	lete as pe			

			1					1		
		1	3.000				3.000			
					Tota	al Quantity	3.000 met	re		
				To	tal Deducte	d Quantity	0.000 met	re		
					Net Tota	al Quantity	3.000 metre			
			Say	3.000 metre	@ Rs 224.0	05 / metre	Rs 672.15			
17	50.18.9.18.2 Providing and fixing Pincluded jointing of pidirection of Engineer-	pes with o	ne step PV	C solvent c	ement and	testing of j	oints comp	lete as p		
		1	60.000				60.000			
			6	0	Tota	al Quantity	60.000 m	etre		
	Total Deducted Quantity							re		
		-	E. L. 1		Net Tota	al Quantity	60.000 me	etre		
	Say 60.000 metre @ Rs 238.70 / metre						Rs 14	322.00		
	refilling & testing of join	nts complete	9.000	ection of Eng	gineer in Cha	arge. 75 mn	9.000	cm2		
	0	ther Er	igineeri		anisatio		9.000 met			
				10	otal Deducte		0.000 met			
			Cour	0.000	_	Quantity	9.000 met			
40	50.40.004		Say	9.000 metre	₩ KS 357.8	or/metre	RS 3	220.83		
19	50.18.9.9.1 Providing and fixing PV refilling & testing of Join			•		•		t, trenchir		
		nto complet	o do por an	schori or ent	gineer in cha	arge.110 mr	m dia 6Kgt/d			
		1	77.000		gineer in cha	arge.110 mr	77.000			
		-				arge.110 mr		cm2		
		-				al Quantity	77.000	em2 etre		
		-			Tota	al Quantity	77.000 77.000 me	etre		
		-	77.000		Tota otal Deducte Net Tota	al Quantity d Quantity al Quantity	77.000 mc 0.000 mc 77.000 mc	etre		
20	50.18.9.10.1 Providing and fixing PV refilling & testing of join	1 /C pipes inc	77.000 Say 7	7.000 metre	Total Deducte Net Total @ Rs 522.8 s with one s	al Quantity d Quantity al Quantity 32 / metre	77.000 mc 0.000 met 77.000 mc Rs 40	etre etre 257.14 , trenchin		
20	Providing and fixing PV	1 /C pipes inc	77.000 Say 7	7.000 metre	Total Deducte Net Total @ Rs 522.8 s with one s	al Quantity d Quantity al Quantity 32 / metre	77.000 mc 0.000 met 77.000 mc Rs 40	etre etre 257.14 , trenchin		

				To	otal Deducte	d Quantity	0.000 me	tre	
						al Quantity	83.000 m		
			Say 8	3.000 metre	@ Rs 899.6	67 / metre	Rs 74	1672.61	
21	od160997/2022_20 Providing , fixing cleansing design cutting and makin	, testing and c with or without	vent arm c	omplete, inc	cluding cost		,	•	
		16					16.000		
					Tota	al Quantity	16.000 ea	ach	
				To	otal Deducte	d Quantity	0.000 eac	ch	
			0	-@-	Net Tota	al Quantity	16.000 ea	ach	
			Say	16.000 eac	h @ Rs 461.	52 / each	Rs 7	384.32	
22	od160998/2022_20 Providing, fixing, te Grating Cover with respects.	esting and comm							
		16	XO.			1	16.000		
	Total Quantity							ach	
	Total Deducted Quantity							0.000 each	
	Other Engineering Organisations, 16.000 each								
		Other Er	ngineeri					ach	
		D 1		ng Org		al Quantity	16.000 ea	ach 410.08	
23	od160999/2022_20 Providing and fixir fixed on wall with 2 wall / CC / RCC s brackets with the h bolts, & washers o	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal	Say il of approve lia expansio cost of bol lvanised GI	16.000 each design. pun hold faste ts included.	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified sh	63 / each 6 mm outsiong drilling n	Rs 8 de the wall secessary he de to the all	410.08 surface an oles in bric lready fixe	
23	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the h	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal	Say il of approve lia expansio cost of bol lvanised GI	16.000 each design. pun hold faste ts included.	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified sh	63 / each 6 mm outsiong drilling n	Rs 8 de the wall secessary he de to the all	410.08 surface an oles in bric lready fixe	
23	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the h	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal f suitable size, o	Say il of approve lia expansio cost of bol lvanised GI one bolts on	16.000 each design. pun hold faste ts included.	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified short the pipe.	63 / each 6 mm outsiong drilling n	Rs 8 de the wall secessary he ed to the all be fixed v	surface an oles in bric lready fixe with GI nuts	
23	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the h	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal f suitable size, o	Say il of approve lia expansio cost of bol lvanised GI one bolts on	ed design. pun hold faste ts included. "U" bolts of each side of	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified short the pipe.	al Quantity 63 / each 6 mm outsiong drilling no shall be fixed appeand shall al Quantity	16.000 earlies and the same state of the same st	surface an oles in brid fready fixe with GI nute	
23	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the h	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal f suitable size, o	Say il of approve lia expansio cost of bol lvanised GI one bolts on	ed design. pun hold faste ts included. "U" bolts of each side of	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified shaft the pipe. Total	al Quantity 63 / each 6 mm outsiong drilling no shall be fixed appeand shall al Quantity	16.000 earlies the wall secessary he ed to the all all be fixed very 40.000 earlies to 40.000 earlies	surface and oles in brick liready fixed with GI nuts each	
23	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the h	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal f suitable size, o	Say il of approve lia expansio cost of bol lvanised GI one bolts on 40.000	ed design. pun hold faste ts included. "U" bolts of each side of	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified shaft the pipe. Total	al Quantity 63 / each 6 mm outsiong drilling not shall be fixed appeand shall al Quantity d Quantity al Quantity	de the wall streets and the determinant of the all be fixed wall be fixe	surface and oles in brick liready fixed with GI nuts each	
23	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the h	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal f suitable size, o	Say il of approve lia expansio cost of bol lvanised GI one bolts on 40.000	ed design. pn hold faste ts included. "U" bolts of each side of each side of 40.000 each	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified should the pipe. Total ptal Deducte Net Total h @ Rs 998.	al Quantity 63 / each 6 mm outsice ing drilling in shall be fixe ape and shall al Quantity d Quantity al Quantity 65 / each	16.000 earlies the wall secessary he de to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the secessary	surface an oles in brid lready fixe with GI nut ach	
	Providing and fixir fixed on wall with 2 wall / CC / RCC s brackets with the h bolts, & washers o	ng GI slotted rai 2 nos, 6/8 mm d surface and the nelp of 8 mm gal f suitable size, o	Say il of approve lia expansio cost of bol lvanised GI one bolts on 40.000	ed design. pn hold faste ts included. "U" bolts of each side of each side of 40.000 each	Net Total h @ Rs 525. projecting 75 ners, includi The pipes specified should the pipe. Total ptal Deducte Net Total h @ Rs 998.	al Quantity 63 / each 6 mm outsice ing drilling in shall be fixe ape and shall al Quantity d Quantity al Quantity 65 / each	16.000 earlies the wall secessary he de to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the all all be fixed value of the secessary he do to the secessary	surface and oles in brick lineady fixed with GI nuts ach ach	

				To	tal Deducte	d Quantity	0.000 eacl	h	
				10		al Quantity	8.000 each		
	Say 8.000 each @ Rs 2693.73 / each							549.84	
25	50.18.9.21 Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, inclusolvent cement - 75 mm dia Elbow								
		12					12.000		
	Total Quantity								
				To	tal Deducte	d Quantity	0.000 no		
					Net Tota	al Quantity	12.000 no		
			Ca	Say 12.00	0 no @ Rs 9	94.53 / no	Rs 11	34.36	
26	50.18.9.21.2 Providing and fixing P solvent cement -75 m		No. 10	cessories for	r Rigid PVC	pipes, incl	uding jointin	g with PVC	
		16		73/A	1-21		16.000		
		1/55	儿婆	MAN L	Tota	al Quantity	16.000 no		
	Total Deducted Quantity							0.000 no	
	Net Total Quantity								
	Other Engineerin Say 16:000 no @ Rs 70.13 / no							22.08	
27	50.18.9.21.4 Providing and fixing P solvent cement - 75 m		l fittings/ ac	cessories fo	r Rigid PVC	pipes, incl	uding jointing	g with PVC	
		8					8.000		
					Tota	al Quantity	8.000 no		
				To	tal Deducte	d Quantity	0.000 no		
					Net Tota	al Quantity	8.000 no		
				Say 8.00	0 no @ Rs 8	38.13 / no	Rs 7	05.04	
28	50.18.9.21.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, inclusolvent cement - 75x75x75 mm dia Door Tee							g with PVC	
		16					16.000		
					Tota	al Quantity	16.000 no		
				To	tal Deducte	d Quantity	0.000 no		
					Net Tota	al Quantity	16.000 no		
	Say 16.000 no @ Rs 106.50 / no						Rs 17	04 00	

	50.18.9.21.7 Providing and fixing P\ solvent cement - 75 m		•	essories fo	r Rigid PVC	pipes, incl	uding jointin	g with P\			
		16					16.000				
					Tota	al Quantity	16.000 no)			
		0.000 no									
	Net Total Quantity)			
				Say 16.00	0 no @ Rs 8	36.38 / no	Rs 1382.08				
30	50.18.9.21.9 Providing and fixing P\ solvent cement - 75 mi		•	essories fo	r Rigid PVC	pipes, incl	uding jointin	g with P			
		26	1/4936	391\			26.000				
			C.1 11		Tota	al Quantity	26.000 no	1			
		d Quantity	0.000 no								
		al Quantity	26.000 no)							
		155	LAN	Say 26.00	0 no @ Rs	72.48 / no	Rs 18	384.48			
	achient coment 110 m	مماكا مائم ممم									
	solvent cement - 110 n	ther Er	gineerin	ig Orga	4		16.000				
	Solvent Cement - 110 I				4	al Quantity	16.000 16.000 no				
	Solvent Cement - 110 h				Total	al Quantity	16.000 no				
	Solvent Cement - 110 I		gineerin	То	Total	d Quantity d Quantity	16.000 no 0.000 no 16.000 no				
32	50.18.9.22.2 Providing and fixing P\ solvent cement - 110 n	ther Er	gineerin	To Say 16.000	Total Deducte Net Tota no @ Rs 10	d Quantity d Quantity al Quantity 07.09 / no	16.000 no 0.000 no 16.000 no Rs 17	713.44			
32	50.18.9.22.2 Providing and fixing P\	ther Er	gineerin	To Say 16.000	Total Deducte Net Tota no @ Rs 10	d Quantity d Quantity al Quantity 07.09 / no	16.000 no 0.000 no 16.000 no Rs 17	713.44			
32	50.18.9.22.2 Providing and fixing P\	/C moulded	gineerin	To Say 16.000	Total Deducte Net Total no @ Rs 10 or Rigid PVC	d Quantity d Quantity al Quantity 07.09 / no	16.000 no 0.000 no 16.000 no Rs 17	713.44 ng with P			
32	50.18.9.22.2 Providing and fixing P\	/C moulded	gineerin	Say 16.000 essories fo	Total Deducte Net Total no @ Rs 10 or Rigid PVC	d Quantity d Quantity al Quantity 07.09 / no c pipes, incl	16.000 no 0.000 no 16.000 no Rs 17 uding jointin	713.44 ng with P			
32	50.18.9.22.2 Providing and fixing P\	/C moulded	gineerin	Say 16.000 essories fo	Total Deducte Net Total no @ Rs 10 or Rigid PVC Total stal Deducte	d Quantity d Quantity al Quantity 07.09 / no c pipes, incl	16.000 no 0.000 no 16.000 no Rs 17 uding jointin 20.000 20.000 no	713.44 ng with P			
32	50.18.9.22.2 Providing and fixing P\	/C moulded	gineerin S I fittings / accelegree Elbow	Say 16.000 essories for	Total Deducte Net Total no @ Rs 10 or Rigid PVC Total stal Deducte	al Quantity d Quantity D7.09 / no c pipes, incl al Quantity d Quantity d Quantity	16.000 no 0.000 no 16.000 no Rs 17 uding jointin 20.000 20.000 no 20.000 no	713.44 ng with P			
32	50.18.9.22.2 Providing and fixing P\	/C moulded and dia 45 d	gineerin S I fittings / accelegree Elbow	Say 16.000 essories for	Total Deducte Net Total no @ Rs 10 Total tal Deducte Net Total no @ Rs 10	d Quantity d Quantity of Quantity of One of pipes, incl al Quantity d Quantity d Quantity al Quantity of Quantity of One of One of Comments of Comment	16.000 no 0.000 no 16.000 no Rs 17 uding jointin 20.000 20.000 no 20.000 no Rs 20	713.44 g with P			

					Tota	al Quantity	8.000 no		
				То	tal Deducte		0.000 no		
					Net Tota	al Quantity	8.000 no		
	Say 8.000 no @ Rs 160.54 / no						Rs 1284.32		
34	50.18.9.22.6 Providing and fixing PVC mod solvent cement - 110x110x11		_		Rigid PVC	pipes, inclu	uding jointin	g with PV0	
	8						8.000		
					Tota	al Quantity	8.000 no		
				То	tal Deducte	d Quantity	0.000 no		
			Can	R.	Net Tota	al Quantity	8.000 no		
			~/\W	Say 8.000	no @ Rs 1	87.04 / no	Rs 14	196.32	
35	50.18.9.22.8 Providing and fixing PVC mousolvent cement -110 mm dia			cessories fo	r Rigid PVC	pipes, incl	uding jointin	g with PV	
	8				7 77	1	8.000		
	Total Quantity							8.000 no	
	Total Deducted Quantity						0.000 no		
	Other Engineering Organ Net Total Quantity						8.000 no		
36	50.18.9.22.11 Providing and fixing PVC mod solvent cement - 110 mm dia		_	cessories fo	no @ Rs 1.	₹,		86.72 g with PV	
	33	,					33.000		
					Tota	al Quantity	33.000 no		
				То	tal Deducte	d Quantity	0.000 no		
	Net Total Quantity						33.000 no		
				Say 33.000	no @ Rs 1	10.59 / no	Rs 36	649.47	
37	od161000/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes,inc solvent cement - 150 mm dia Socket/ coupling						uding jointin	g with PV	
	1		14.000				14.000		
					Tota	al Quantity	14.000 ea	ch	
				То	tal Deducte	d Quantity	0.000 eac	h	
					Net Tota	al Quantity	14.000 ea	ch	

			Say	14.000 each	n @ Rs 337.	03 / each	Rs 47	718.42
38	50.18.8.3.2 Providing and fixing Fincludes jointing of pipper direction of Engine etc. 25 mm pipe 10kgf	oes & fittings eer-in-Charg	s with one st	ep PVC sol	vent cemen	t and testin	g of joints o	omplete as
		1	90.000				90.000	
					Tota	I Quantity	90.000 me	etre
				То	tal Deducted	d Quantity	0.000 met	re
					Net Tota	I Quantity	90.000 me	etre
			Say 90	0.000 metre	@ Rs 416.4	9 / metre	Rs 37	484.10
39	Providing and fixing F includes jointing of pip per direction of Engine	oes & fittings	s with one st	ep PVC sol	vent cemen	t and testin	g of joints o	•
		1	150.000		TA		150.000	
		152	L/a		Tota	I Quantity	150.000 n	netre
	Total Deducted Quantity					0.000 met	re	
	Net Total Quantity 150.000						150.000 n	netre
	C	Other En	girsay 150	0.000 metre	@ Rs 263.6	11 £ metre	Rs 39	541.50
40	50.18.7.4.1 Providing and fixing Fincludes jointing of pipper direction of Engine	oes & fittings	with one st	ep PVC sol	vent cemen	t and testin	g of joints o	omplete a
		1	30.000				30.000	
					Tota	I Quantity	30.000 me	etre
				То	tal Deducted	d Quantity	0.000 met	re
					Net Tota	I Quantity	30.000 me	etre
			Say 30	0.000 metre	@ Rs 314.5	5 / metre	Rs 94	136.50
41	50.18.9.3.2 Providing and fixing Prefilling & testing of jo		-			•		
		1	13.000				13.000	
					Tota	I Quantity	13.000 me	etre
				То	tal Deducted	d Quantity	0.000 met	re
					Net Tota	I Quantity	13.000 me	etre

			Say 13.000 metre	@ Rs 214.1	3 / metre	Rs 27	783.69
42	od161001/2022_202 Providing and fixing		ss) of approved quality. <l< th=""><th>br>20 mm r</th><th>nominal bore</th><th>е</th><th></th></l<>	br>20 mm r	nominal bore	е	
		16				16.000	
				Tota	l Quantity	16.000 ea	ch
			Tot	al Deducted	d Quantity	0.000 eac	h
				Net Tota	l Quantity	16.000 ea	ch
			Say 16.000 each	@ Rs 620.	78 / each	Rs 99	932.48
43	od161002/2022_2023 Providing and fixing ball valve (brass) of approved quality. 25 mm nominal bo						
		8	(C. S)			8.000	
			- JAMAS	Tota	l Quantity	8.000 eac	h
			Tot	al Deducted	d Quantity	0.000 eac	h
	Net Total Quantity 8.000 each						h
		14	Say 8.000 each	@ Rs 954.	67 / each	Rs 76	637.36
44	18.48						
	Providing and placin with cover and suita	ble locking ar	rangement and making base support for tank.	necessary inisatio	holes for in	4000.000	nd overflo
	Providing and placin with cover and suita	ble locking ar	trangement and making base support for tank.	necessary I	holes for in	4000.000 4000.000	nd overflo
	Providing and placin with cover and suita	ble locking ar	trangement and making base support for tank.	Tota	holes for in Output Output	4000.000 4000.000 0.000 Litro	Litre
	Providing and placin with cover and suita	ble locking ar	trangement and making base support for tank. 4000.000	Tota Al Deducted Net Tota	Quantity Quantity Quantity	4000.000 4000.000 0.000 Litro 4000.000	Litre Litre
	Providing and placin with cover and suita	ible locking artings and the	rrangement and making base support for tank. 4000.000 Tot Say 4000.000 Little	Tota al Deducted Net Tota re @ Rs 10	Quantity Quantity Quantity	4000.000 4000.000 0.000 Litro 4000.000 Rs 40	Litre
	Providing and placin with cover and suita	ble locking artings and the	Tot Say 4000.000 Litterovision for GST payment	Total All Deducted Net Total re @ Rs 10 s (in %) @	Quantity Quantity Quantity	4000.000 4000.000 0.000 Litro 4000.000	Litre Litre
	Providing and placin with cover and suita	ble locking artings and the	rrangement and making base support for tank. 4000.000 Tot Say 4000.000 Little	Total All Deducted Net Total re @ Rs 10 s (in %) @	Quantity Quantity Quantity	4000.000 4000.000 0.000 Litro 4000.000 Rs 40 0.0%	Litre Litre 960.00
	Providing and placin with cover and suita	ble locking artings and the	Tot Say 4000.000 Litterovision for GST payment	Total Total Total Total	Quantity Quantity Quantity	4000.000 4000.000 0.000 Litro 4000.000 Rs 40 0.0% 0.000	Litre Litre 960.00
	Providing and placin with cover and suita	ble locking artings and the	Tot Say 4000.000 Little Tovision for GST payment Amount reserved for GST	Total Total Total Total	Quantity Quantity Quantity	4000.000 4000.000 0.000 Litro 4000.000 Rs 40 0.0% 0.000	Litre e Litre 960.00
	Providing and placin with cover and suita	ble locking artings and the	Tot Say 4000.000 Little Tovision for GST payment Amount reserved for GST	Total Total Total Total	A Quantity	4000.000 4000.000 0.000 Litro 4000.000 Rs 40 0.0% 0.000 596280.00	Litre 9 60.00

(Cost Index Applied for this estimate is 33.9%)

Data Analysis

PHE Estimate 1 Specification Code: od160996/2022_2023

od160996/2022_2023 :Supplying & fixing of 4 nos of Grab bar and 1 no of Folding type Grab bar with necessary fittings at both side of commode for physically challend persons all complete as directed.

directed.

Make: Parryware/ Equivalent.

Code	Description	Unit	Quantity	Rate	Amount
MR	Hand Grip	each	4.00000	2850.00	11400.00
MR	Grab Bar Vertical Swing	each	1.00000	10305.08	10305.08
9988	Carriage and sundries	L.S	32.24000	2.00	64.48
0116	Fitter(grade1)	Day	0.40000	738.00	295.20
0117	Assistant Fitter or 2nd class fitter	Day	0.70000	679.00	475.30
	I A I DIVINE	Ta	TOTA	AL 2	2540.06
		cost f	or one ead	ch 2	2540.06
	say	loc.		2	2540.06

Other Engineering ()rganisa	tions	
Add Water Charges @ 1.0%			225.40
Add CPOH @ 15.0%		H	3414.81
Cost index 33.9 %			328.77
Total with Cost index			26509.05
Say			26509.05

2 Specification Code: od160997/2022_2023

od160997/2022_2023 :Providing , fixing , testing and commissioning pvc multy inlet (110x75x50x50x50) floor trap of self cleansing design with or without vent arm complete, including cost of masonry or concrete supports cutting and making good the walls and floors where ever required

Code Description	Unit	Quantity	Rate	Amount
------------------	------	----------	------	--------

MR	PVC single inlet/ multy inlet(110x75x50x50x50) floor trap	each	1.00000	180.30	180.30
9999	Sundries	L.S	13.52000	2.00	27.04
9977	Carriage	L.S	2.73000	2.00	5.46
0123	Mason (brick layer) Ist class	Day	0.10000	738.00	73.80
0114	Beldar	Day	0.10000	558.00	55.80

		TOTAL	342.40
	СО	st for one each	342.40
say			342.40

Add Water Charges @ 1.0%	3.42
Add CPOH @ 15.0%	51.87
Cost index 33.9 %	63.82
Total with Cost index	461.52
Say	461.52

4	041	E-	anima a Om	
- 0 10 11 0 1 1400000			ering Org	gamsauons

3 Specification Code: od160998/2022_2023

od160998/2022_2023 :Providing, fixing, testing and commissioning at site 100x100 mm square C.P.cast brass or stainless steel Grating Cover with protection from cockroaches of matching size of multi inlet or "P" trap complete in all respects.

Code	Descri	ption		Unit	Quantity	Rate	Amount
MR	Cockr	oach Trap		each	1.00000	330.00	330.00
9999	Sundr	ies		L.S	13.52000	2.00	27.04
9988	Carria	ge and sundries		L.S	32.24000	2.00	64.48
					TOTA	AL	421.52
				cost	for one ead	ch	421.52
		say					421.52

Add Water Charges @ 1.0%

Add CPOH @ 15.0%	63.86
Cost index 33.9 %	36.03
Total with Cost index	525.63
Say	525.63

4 Specification Code: od160999/2022_2023

od160999/2022_2023 :Providing and fixing GI slotted rail of approved design. projecting 75 mm outside the wall surface and fixed on wall with 2 nos, 6/8 mm dia expansion hold fasteners, including drilling necessary holes in brick wall / CC / RCC surface and the cost of bolts included. The pipes shall be fixed to the already fixed brackets with the help of 8 mm galvanised GI "U" bolts of specified shape and shall be fixed with GI nuts, bolts, & washers of suitable size, one bolts on each side of the pipe.

Code	Description	TI LESSON	Unit	Quantity	Rate	Amount
MR	Slotted rail		metre	1.00000	199.53	199.53
1330	Clamps and M.S. stays in mm pipe	cluding bolts and nuts for 100	each anisati	5.00000	67.50	337.50
8776	Stainless Steel dash faste	ener of 8 mm dia and 75 mm	each	5.00000	15.00	75.00
9988	Carriage and sundries		L.S	40.30000	2.00	80.60
	TOTAL					692.63
	cost for one each				ch	692.63
	say					692.63

Add Water Charges @ 1.0%	6.92
Add CPOH @ 15.0%	104.93
Cost index 33.9 %	194.15
Total with Cost index	998.65
Say	998.65

5 Specification Code: od161000/2022_2023

od161000/2022_2023 :Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes,including jointing with PVC solvent cement - 150 mm dia Socket/ coupling

Code	Descri	ption			Unit	Quantity	Rate	Amount
MR	PVC S	Socket/coupling 150	mm dia		each	1.00000	225.07	225.07
9999	Sundr	ies			L.S	7.15000	2.00	14.30
9999	Sundr	ies			L.S	17.16000	2.00	34.32
						TOTA	AL	273.69
			R	-97	cost	for one ead	ch	273.69
		say	-//\	Mr.				273.69

Add Water Charges @ 1.0%	2.73
Add CPOH @ 15.0%	41.46
Cost index 33.9 %	19.14
Total with Cost index	337.03
Other Engineerisay Organisations	337.03

6 Specification Code: od161001/2022_2023

od161001/2022_2023 :Providing and fixing ball valve (brass) of approved quality.

Details of cost for one no

MATERIAL:

Code	Description				Unit	Quantity	Rate	Amount
MR	20 mm dia				each	1.00000	462.40	462.40
9988	Carriage and sundr	ies <b< td=""><td>r> of materials and f</td><td>ixing</td><td>L.S</td><td>26.91000</td><td>2.00</td><td>53.82</td></b<>	r> of materials and f	ixing	L.S	26.91000	2.00	53.82
						TOTA	AL	516.22
					cost	for one ea	ch	516.22
		say						516.22

Add Water Charges @ 1.0%		5.16
Add CPOH @ 15.0%		78.20
Cost index 33.9 %		21.19
Total with Cost index		620.78
Say		620.78

7 Specification Code: od161002/2022_2023

od161002/2022_2023 :Providing and fixing ball valve (brass) of approved quality.

Details of cost for one no

MATERIAL:

Code	Description	Unit	Quantity	Rate	Amount
MR	25 mm dia	each	1.00000	735.59	735.59
9988	Carriage and sundries of materials and fixing charge	L.S	32.24000	2.00	64.48
	Other Eligineering Org	gamsau	TOTA	AL	800.07
	PRI(cost	for one ea	ch	800.07
	say				800.07

Add Water Charges @ 1.0%		8.00
Add CPOH @ 15.0%		121.21
Cost index 33.9 %		25.38
Total with Cost index		954.67
Say	-	954.67

Construction of care home at Kannur- Type B- PHE works

General Abstract

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Heading Description	Amount			
1	PHE Estimate	262508.14			
	Provision for GST payments (in %) @	0.0%			
	Amount reserved for GST payments	0.00			
	Total	262508.00			
	Lumpsum for round off	0.00			
		TOTAL Rs 262508.00			
		Rounded Total Rs 2,62,508			
	Rupees Two Lakh Sixty Two Thousand Five Hundred and Eight Only				

(Cost Index Applied for this estimate is 33.9%)



Construction of care home at Kannur- Type B- PHE works

Abstract Estimate

(Dsor year: 2018,Cost Index Applied for this estimate is 33.9%)

	1 PHE Estimate			
1	17.13.2 Providing and fixing white vitreous china water closet squatting pan pan of size 580x440 mm	(Indian type):Orissa pattern W.C		
	Net Total Quantity	2.000 each		
	Say 2.000 each @ Rs 2957.78 / each	Rs 5915.56		
2	17.2.1 Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually contidevice (handle lever), conforming to IS: 7231, with all fittings and fixtures complete, including cutting making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic and lid			
	Net Total Quantity	1.000 each		
	Say 1.000 each @ Rs 6115.48 / each	Rs 6115.48		
3	50.17.1.5 Supplying and fixing CP Health Faucet superior quality (Jagur or ematerials and labour charges etc complete as per the direction of some	, · · · · · · · · · · · · · · · · · · ·		
	Net Total Quantity	1.000 no		
	Other Ensay 1.000 no @ Rs 1280.73 / no	NS Rs 1280.73		
	17.7.2 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass wa of standard pattern, including painting of fittings and brackets, cutting and making good the wawherever require: White Vitreous China Wash basin size 630 x 450 mm with a single 15 mm C.P. brass was a single 15 mm C.P. brass wa			
4	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, co	pillar taps, 32 mm C.P. brass waste		
4	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, cu wherever require:White Vitreous China Wash basin size 630 x 450 n	pillar taps, 32 mm C.P. brass waste		
4	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, cu wherever require: White Vitreous China Wash basin size 630 x 450 n pillar tap	pillar taps, 32 mm C.P. brass waste utting and making good the walls nm with a single 15 mm C.P. brass		
5	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, cu wherever require:White Vitreous China Wash basin size 630 x 450 n pillar tap Net Total Quantity	pillar taps, 32 mm C.P. brass waste utting and making good the walls nm with a single 15 mm C.P. brass 4.000 each Rs 12792.52 Der IS 13983 with C.I. brackets and cutting and making good the walls		
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, complete wherever require: White Vitreous China Wash basin size 630 x 450 m pillar tap Net Total Quantity Say 4.000 each @ Rs 3198.13 / each 17.10.2.1 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as pastainless steel plug 40 mm, including painting of fittings and brackets,	pillar taps, 32 mm C.P. brass waste utting and making good the walls nm with a single 15 mm C.P. brass 4.000 each Rs 12792.52 Der IS 13983 with C.I. brackets and cutting and making good the walls		
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, converged wherever require: White Vitreous China Wash basin size 630 x 450 m pillar tap Net Total Quantity Say 4.000 each @ Rs 3198.13 / each 17.10.2.1 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as pastainless steel plug 40 mm, including painting of fittings and brackets, wherever required: Kitchen sink without drain board610x510 mm bowless.	pillar taps, 32 mm C.P. brass waste utting and making good the walls nm with a single 15 mm C.P. brass 4.000 each Rs 12792.52 per IS 13983 with C.I. brackets and cutting and making good the walls depth 200 mm		
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass of standard pattern, including painting of fittings and brackets, converged wherever require: White Vitreous China Wash basin size 630 x 450 m pillar tap Net Total Quantity Say 4.000 each @ Rs 3198.13 / each 17.10.2.1 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as a stainless steel plug 40 mm, including painting of fittings and brackets, wherever required: Kitchen sink without drain board610x510 mm bowled.	pillar taps, 32 mm C.P. brass waste atting and making good the walls arm with a single 15 mm C.P. brass 4.000 each Rs 12792.52 Deer IS 13983 with C.I. brackets and cutting and making good the walls depth 200 mm 3.000 each Rs 12664.20		

	Say 7.000 each @ Rs 642.05 / each	Rs 4494.35		
7	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved qua- conforming to IS: 893115 mm nominal bore			
	Net Total Quantity	6.000 each		
	Say 6.000 each @ Rs 618.42 / each	Rs 3710.52		
8	17.73.1 Providing and fixing PTMT towel rail complete with brackets fixed to w with concealed fitting arrangement of approved quality and colour450 of 495 mm, 78 mm wide and effective height of 88 mm. weighing not I	mm long towel rail with total len		
	Net Total Quantity	3.000 no		
	Say 3.000 no @ Rs 645.60 / no	Rs 1936.80		
9	od161006/2022_2023 Supplying & fixing of 4 nos of Grab bar and 1 no of Folding type Grab side of commode for physically challend persons all complete as Equivalent.			
	Net Total Quantity	1.000 each		
10	Say 1.000 each @ Rs 26509.05 / each 50.18.8.6.2	Rs 26509.05		
10	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2	th clamps at 1.00 m spacing. The clamps at 1.00 m spacing. The complete of the		
10	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity	th clamps at 1.00 m spacing. The tand testing of joints complete grant chases and making good the value of th		
10	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2	th clamps at 1.00 m spacing. The and testing of joints complete to the chases and making good the complete to the clamps at 1.00 m spacing. The testing of joints complete as		
	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 25.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges.	th clamps at 1.00 m spacing. The and testing of joints complete to the chases and making good the complete to the clamps at 1.00 m spacing. The testing of joints complete as		
	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 25.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges may be pipe 6 Kgf/cm2	th clamps at 1.00 m spacing. The and testing of joints complete graph chases and making good the value of the second control of the		
	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 25.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges mm pipe 6 Kgf/cm2 Net Total Quantity Say 4.000 metre @ Rs 617.10 / metre 50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges including	th clamps at 1.00 m spacing. The and testing of joints complete graph chases and making good the value of the second complete as a ses and making good the wall the second complete as a ses and making good the wall the second complete as a ses and making good the wall the second complete as a ses and making good the wall the second complete as a ses and making good the wall the second complete as a second		
11	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 50 mm pipe 6 kgf/cm2 Net Total Quantity Say 25.000 metre @ Rs 434.59 / metre 50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge. Concealed work, including cutting charges may be a fixed by the solution of the step PVC solvent cement and sirection of Engineer-in-Charge. Concealed work, including cutting charges may be a fixed providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes with one step PVC solvent cement and includes jointing of pipes with one step PVC solvent cement and	th clamps at 1.00 m spacing. That and testing of joints complete graph chases and making good the value of the second complete as as as a sea and making good the wall that the second complete as as a sea and making good the wall that the second complete as a sea and making good the wall that the second complete as a sea and making good the wall that the second complete as a sea and making good the wall that the second complete as a sea and making good the wall that the second complete as a sea and making good the wall that the second complete as a s		

13	50.18.7.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe wit includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge 50 mm dia 6 Kgf/cm2 - Internal	nt and testing of joints complete as
	Net Total Quantity	4.000 metre
	Say 4.000 metre @ Rs 371.72 / metre	Rs 1486.88
14	50.18.9.18.1 Providing and fixing PVC pipes including fixing the pipe with clar included jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 6Kgf/cm2 - External v	testing of joints complete as pe
	Net Total Quantity	17.000 metre
	Say 17.000 metre @ Rs 280.15 / metre	Rs 4762.55
15	50.18.9.19.1 Providing and fixing PVC pipes including fixing the pipe with clamprincludes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 110 mm dia 6 Kgf/cm2 - Externa	testing of joints complete as pe
	Net Total Quantity	9.000 metre
	Say 9.000 metre @ Rs 380.20 / metre	Rs 3421.80
16	50.18.9.17.2 Providing and fixing PVC pipes including fixing the pipe with clar includes jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 63 mm dia 4 Kgf/cm2- External v	testing of joints complete as povork - exposed on wall
	Net Total Quantity	1
17	Say 3.000 metre @ Rs 224.05 / metre 50.18.9.18.2 Providing and fixing PVC pipes including fixing the pipe with clam included jointing of pipes with one step PVC solvent cement and direction of Engineer-in-Charge 75 mm dia 4 Kfg/cm2 - External	testing of joints complete as po
	Net Total Quantity	20.000 metre
	Say 20.000 metre @ Rs 238.70 / metre	Rs 4774.00
18	50.18.9.8.1 Providing and fixing PVC pipes includings jointing of pipes with one significant refilling & testing of joints complete as per direction of Engineer in Ch	•
	Net Total Quantity	3.000 metre
	Say 3.000 metre @ Rs 357.87 / metre	Rs 1073.61
19	50.18.9.9.1 Providing and fixing PVC pipes includings jointing of pipes with one significant refilling & testing of Joints complete as per direction of engineer in characteristics.	•

	Net Total Quantity	102.000 metre
	Say 102.000 metre @ Rs 522.82 / metre	Rs 53327.64
20	50.18.9.10.1 Providing and fixing PVC pipes includings jointing of pipes with one strefilling & testing of joints complete as per direction of Engineer in Ch	• •
	Net Total Quantity	3.000 metre
	Say 3.000 metre @ Rs 899.67 / metre	Rs 2699.01
21	od161007/2022_2023 Providing , fixing , testing and commissioning pvc multy inlet (110 cleansing design with or without vent arm complete, including cost cutting and making good the walls and floors where ever required	· ·
	Net Total Quantity	6.000 each
	Say 6.000 each @ Rs 461.52 / each	Rs 2769.12
22	od161008/2022_2023 Providing, fixing, testing and commissioning at site 100x100 mm squa Grating Cover with protection from cockroaches of matching size of matc	
	Net Total Quantity	6.000 each
	Say 6.000 each @ Rs 525.63 / each	Rs 3153.78
23	od161009/2022_2023 ther Engineering Organisation Providing and fixing GI slotted rail of approved design, projecting 75 fixed on wall with 2 nos, 6/8 mm dia expansion hold fasteners, including wall / CC / RCC surface and the cost of bolts included. The pipes brackets with the help of 8 mm galvanised GI "U" bolts of specified shabolts, & washers of suitable size, one bolts on each side of the pipe.	ng drilling necessary holes in b shall be fixed to the already fix
	Net Total Quantity	20.000 each
_	Say 20.000 each @ Rs 998.65 / each	Rs 19973.00
24	19.4.2.1 150x100 mm size P typeWith common burnt clay F.P.S. (non modular)	
	•	bricks of class designation 7.5
	Net Total Quantity	bricks of class designation 7.5 3.000 each
	Net Total Quantity Say 3.000 each @ Rs 2693.73 / each	
25	· · · · · · · · · · · · · · · · · · ·	3.000 each Rs 8081.19
25	Say 3.000 each @ Rs 2693.73 / each 50.18.9.21 Providing and fixing PVC moulded fittings/accessories for Rigid PVC	3.000 each Rs 8081.19

26	50.18.9.21.2 Providing and fixing PVC moulded fittings/accessories for Rigid PVC	pipes, including jointing with PVC
	solvent cement -75 mm dia 45 degree Elbow Net Total Quantity	10.000 no
	·	
	Say 10.000 no @ Rs 70.13 / no	Rs 701.30
27	50.18.9.21.4 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Bend	pipes, including jointing with PVC
	Net Total Quantity	6.000 no
	Say 6.000 no @ Rs 88.13 / no	Rs 528.78
28	50.18.9.21.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 75x75x75 mm dia Door Tee	pipes, including jointing with PVC
	Net Total Quantity	6.000 no
	Say 6.000 no @ Rs 106.50 / no	Rs 639.00
29	50.18.9.21.7 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Vent cowl	pipes, including jointing with PVC
	Net Total Quantity	6.000 no
	Other Eng Say 6.000 no @ Rs 86.38 / no	Rs 518.28
30	50.18.9.21.9 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 75 mm dia Socket /coupling	pipes, including jointing with PVC
	Net Total Quantity	12.000 no
	Say 12.000 no @ Rs 72.48 / no	Rs 869.76
31	50.18.9.22.1 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement - 110 mm dia Elbow	pipes, including jointing with PVC
	Net Total Quantity	6.000 no
	Say 6.000 no @ Rs 107.09 / no	Rs 642.54
32	50.18.9.22.2 Providing and fixing PVC moulded fittings / accessories for Rigid PVC solvent cement - 110 mm dia 45 degree Elbow	
	Net Total Quantity	9.000 no
	Say 9.000 no @ Rs 104.79 / no	Rs 943.11
_		

	50.18.9.22.4	
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC solvent cement- 110 mm dia Bend	pipes, including jointing with PV0
	Net Total Quantity	3.000 no
	Say 3.000 no @ Rs 160.54 / no	Rs 481.62
34	50.18.9.22.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 110x110x110 mm dia Door tee	pipes, including jointing with PV0
	Net Total Quantity	3.000 no
	Say 3.000 no @ Rs 187.04 / no	Rs 561.12
35	50.18.9.22.8 Providing and fixing PVC moulded fittings /accessories for Rigid PVC solvent cement -110 mm dia Vent cowl	
	Net Total Quantity	3.000 no
	Say 3.000 no @ Rs 123.34 / no	Rs 370.02
36	50.18.9.22.11 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 110 mm dia Socket/ coupling	pipes,including jointing with PV
	Net Total Quantity	27.000 no
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Say 27.000 no @ Rs 110.59 / no	ns Rs 2985.93
37	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling	The state of the s
37	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC	The state of the s
37	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling	pipes,including jointing with PV
37	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity	2 pipes,including jointing with PV 3.000 each Rs 1011.09 th clamps at 1.00 m spacing. The and testing of joints complete a
	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 3.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting	2 pipes,including jointing with PV 3.000 each Rs 1011.09 th clamps at 1.00 m spacing. The and testing of joints complete a
	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 3.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 25 mm pipe 10kgf /cm2	3.000 each Rs 1011.09 th clamps at 1.00 m spacing. That and testing of joints complete a g chases and making good the way
	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 3.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 25 mm pipe 10kgf /cm2 Net Total Quantity	3.000 each Rs 1011.09 th clamps at 1.00 m spacing. The and testing of joints complete a grant chases and making good the way 31.000 metre Rs 12911.19 th clamps at 1.00 m spacing. The and testing of joints complete a grant chase and making good the way 31.000 metre
38	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC solvent cement - 150 mm dia Socket/ coupling Net Total Quantity Say 3.000 each @ Rs 337.03 / each 50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge. Concealed work, including cutting etc. 25 mm pipe 10kgf /cm2 Net Total Quantity Say 31.000 metre @ Rs 416.49 / metre 50.18.7.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer	3.000 each Rs 1011.09 th clamps at 1.00 m spacing. The and testing of joints complete a grant chases and making good the way 31.000 metre Rs 12911.19 th clamps at 1.00 m spacing. The and testing of joints complete a grant chase and making good the way 31.000 metre

40	50.18.7.4.1 Providing and fixing PVC pipes, fittings including fixing the pipe with includes jointing of pipes & fittings with one step PVC solvent cemer per direction of Engineer-in-Charge 32 mm dia 10Kgf/cm2- Internal visions.	nt and testing of joints complete as
	Net Total Quantity	22.000 metre
	Say 22.000 metre @ Rs 314.55 / metre	Rs 6920.10
41	50.18.9.3.2 Providing and fixing PVC pipes includes jointing of pipes with one st refilling & testing of joints complete as per direction of Engineer in C	•
	Net Total Quantity	3.000 metre
	Say 3.000 metre @ Rs 214.13 / metre	Rs 642.39
42	od161011/2022_2023 Providing and fixing ball valve (brass) of approved quality. br>20 mm	nominal bore
	Net Total Quantity	6.000 each
	Say 6.000 each @ Rs 620.78 / each	Rs 3724.68
43	od161012/2022_2023 Providing and fixing ball valve (brass) of approved quality.	nominal bore
	Net Total Quantity	3.000 each
	Say 3.000 each @ Rs 954.67 / each	Rs 2864.01
44	18.48 Other Engineering Organisation Providing and placing on terrace (at all floor levels) polyethylene wat with cover and suitable locking arrangement and making necessary pipes but without fittings and the base support for tank.	er storage tank :ISI 12701 marked
	Net Total Quantity	1500.000 Litre
	Say 1500.000 Litre @ Rs 10.24 / Litre	Rs 15360.00
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	262508.00
	Lumpsum for round off	0.00
		TOTAL Rs 262508.00
		Rounded Total Rs 2,62,508
	Rupees Two Lakh Sixty Two Tho	usand Five Hundred and Eight Only

(Cost Index Applied for this estimate is 33.9%)

Construction of care home at Kannur- Type B- PHE works

Detailed Estimate

(Dsor year: 2018,Cost Index Applied for this estimate is 33.9%)

SI No	Description	No	L	В	D	CF	Quantity	Remark
			1 PHE	Estimate				
1	17.13.2 Providing and fixing van of size 580x440		s china wa	er closet sq	uatting pan	(Indian typ	oe):Orissa pa	attern W.0
		2					2.000	
					Tot	al Quantity	2.000 eacl	n
				To	otal Deducte	ed Quantity	0.000 eacl	n
			161	E20/	Net Tot	al Quantity	2.000 eacl	n
			Say	2.000 each	@ Rs 2957	.78 / each	Rs 59	15.56
	and lid, 10 litre low I device (handle lever), making good the wal and lid	conforming t	o IS : 7231	, with all fittir	ngs and fixtu	ires comple	te, including	cutting ar
		1	60	4 300			1.000	
		Other En	igineer	ing Org	anisatic Tot	al Quantity	1.000 eacl	n
				To	otal Deducte	ed Quantity	0.000 eacl	n
		<u> </u>			Net Tot	al Quantity	1.000 eacl	n
			Say	1.000 each	@ Rs 6115	.48 / each	Rs 61	15.48
3	50.17.1.5 Supplying and fixing materials and labour	charges etc	•		. •	•	er-in-charge.	•
		1			<u> </u>	10 "	1.000	
						al Quantity	1.000 no	
				10	otal Deducte	<u> </u>	0.000 no	
						al Quantity	1.000 no	
4	17.7.2 Providing and fixing woof standard pattern, wherever require:Whitpillar tap	including pa	ainting of fi	kets, 15 mm ttings and I	orackets, co	pillar taps, 3 utting and r	32 mm C.P. b making good	d the wal

		4					4.000	
					Tota	al Quantity	4.000 ead	h
				To	tal Deducte	d Quantity	0.000 ead	:h
					Net Tota	al Quantity	4.000 eac	:h
			Say	4.000 each	@ Rs 3198	.13 / each	Rs 12	792.52
5	17.10.2.1 Providing and fixing State stainless steel plug 40 wherever required:Kitch	mm, includi	ng painting	of fittings ar	nd brackets,	cutting and	d making go	
		3					3.000	
			0	0	Tota	al Quantity	3.000 ead	:h
			JAM	To	tal Deducte	d Quantity	0.000 ead	:h
		1	E.2 1	W 7:3	Net Tota	al Quantity	3.000 ead	:h
		6,0	Say	3.000 each	@ Rs 4221	.40 / each	Rs 12	2664.20
	weighing not less than	690 ams.1	5 mm nomi	a alla a a a				
		1.75	5 mm nom	nai bore			7.000	
		7		nai bore	Tota	al Quantity	7.000 7.000 ead	ch
	0	1.75	gineeri	ing Orga	anisatio		7.000 ead	
	0	1.75		ing Orga	antsatto tal Deducte	d Quantity		:h
	0	1.75	gineeri	ing Orga	otal Deducte Net Total	d Quantity a Quantity	7.000 ead 0.000 ead 7.000 ead	:h
7	18.53.1 Providing and fixing C conforming to IS: 893	ther En	Sa sangle valve	ry 7.000 each	Net Total	d Quantity a Quantity .05 / each	7.000 ead 0.000 ead 7.000 ead Rs 4	ch ch 494.35
7	18.53.1 Providing and fixing C	ther En	Sa sangle valve	ry 7.000 each	Net Total	d Quantity a Quantity .05 / each	7.000 ead 0.000 ead 7.000 ead Rs 4	ch ch 494.35
7	18.53.1 Providing and fixing C	ther En	Sa sangle valve	ry 7.000 each	Net Total Res 642 mixer and c	d Quantity a Quantity .05 / each	7.000 eac 0.000 eac 7.000 eac Rs 4	ch ch 494.35 ved qua
7	18.53.1 Providing and fixing C	ther En	Sa sangle valve	ry 7.000 each	Net Total Res 642 mixer and c	d Quantity a Quantity .05 / each geyser poin	7.000 eac 0.000 eac 7.000 eac Rs 4	ch 494.35 ved qua
7	18.53.1 Providing and fixing C	ther En	Sa sangle valve	ry 7.000 each	Net Total Peducte Net Total Rs 642 mixer and contained the stall Deducte	d Quantity a Quantity .05 / each geyser poin	7.000 eac 0.000 eac 7.000 eac Rs 4 ats of appro-	ch 494.35 ved qua
7	18.53.1 Providing and fixing C	ther En	Sa angle valve ominal bore	ry 7.000 each	Net Total Total Total Total Total Net Total Total Net Total	d Quantity a Quantity .05 / each geyser poin al Quantity d Quantity al Quantity	7.000 eac 0.000 eac 7.000 eac Rs 4 ats of appro- 6.000 6.000 eac 0.000 eac 6.000 eac	ch 494.35 ved qua
8	18.53.1 Providing and fixing C	ther En C.P. brass a 115 mm no 6	Sa sa sail complete of approve	To y 6.000 each with bracker of quality and	Net Total Peducte Net Total Total Peducte Net Total Res 642 Total Res 642	d Quantity a Quantity .05 / each geyser point al Quantity d Quantity al Quantity al Quantity .42 / each	7.000 eac 0.000 eac 7.000 eac Rs 4 ats of approx 6.000 6.000 eac 0.000 eac Rs 3 ats with CP be over rail with	ch 494.35 ved qua ch ch 710.52
	18.53.1 Providing and fixing C conforming to IS: 893 17.73.1 Providing and fixing PTI with concealed fitting ar	ther En C.P. brass a 115 mm no 6	Sa sa sail complete of approve	To y 6.000 each with bracker of quality and	Net Total Peducte Net Total Total Peducte Net Total Res 642 Total Res 642	d Quantity a Quantity .05 / each geyser point al Quantity d Quantity al Quantity al Quantity .42 / each	7.000 eac 0.000 eac 7.000 eac Rs 4 ats of approx 6.000 6.000 eac 0.000 eac Rs 3 ats with CP be over rail with	ch 494.35 ved qua ch ch 710.52

				То	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	3.000 no	
				Say 3.000	no @ Rs 6	45.60 / no	Rs 19	936.80
9	od161006/2022_2023 Supplying & fixing of 4 side of commode for Equivalent.						•	_
		1					1.000	
					Tota	al Quantity	1.000 eac	:h
				То	tal Deducte	d Quantity	0.000 eac	:h
			0	-63	Net Tota	al Quantity	1.000 eac	:h
			Say 1	.000 each @	Rs 26509	.05 / each	Rs 26	509.05
	etc. 50 mm pipe 6 kgf/c	1	25.000				25.000	
	per direction of Enginee		ge. Conceale	d work, inclu	iding cutting	g chases an	d making go	ood the wal
		1	25.000				25.000	
			A Paris	in any	Tota	al Quantity	25.000 m	etre
	O	ther E	ngineeri	ng Or y o	tal Deducte	d Quantity	0.000 me	tre
			\mathbf{D}		Net Tota	al Quantity	25.000 m	etre
			Say 2	5.000 metre	@ Rs 434.	59 / metre	Rs 10	864.75
11	50.18.8.8.1 Providing and fixing P\ includes jointing of pip direction of Engineer-in- 75 mm pipe 6 Kgf/cm2	es with c	one step PV	C solvent ce	ement and	testing of j	joints comp	lete as pe
		1	4.000				4.000	
					Tota	al Quantity	4.000 me	tre
				То	tal Deducte	d Quantity	0.000 me	tre
					Net Tota	al Quantity	4.000 me	tre
			Say	4.000 metre	@ Rs 617.	10 / metre	Rs 2	468.40
12	50.18.8.9.1 Providing and fixing P\ includes jointing of pip direction of Engineer-in- 110 mm pipe 6kgf/cm2	es with c	one step PV	C solvent ce	ement and	testing of j	joints comp	lete as pe

		1	5.000				5.000	
					Tot	al Quantity	5.000 me	tre
				To	tal Deducte	ed Quantity	0.000 me	tre
					Net Tot	al Quantity	5.000 me	tre
			Say	5.000 metre	@ Rs 717.	10 / metre	Rs 3	585.50
13	50.18.7.6.2 Providing and fixing Pincludes jointing of piper direction of Engine	es & fittings	s with one s	tep PVC so	vent cemer	nt and testin	ng of joints of	_
		1	4.000				4.000	
			0	-63	Tot	al Quantity	4.000 me	tre
			A	To	tal Deducte	d Quantity	0.000 me	tre
		-	E. S 1		Net Total	al Quantity	4.000 me	tre
		610	Say	4.000 metre	@ Rs 371.	72 / metre	Rs 1	486.88
	included jointing of pi direction of Engineer-	in-Charge	75 mm dia 17.000	6Kgf/cm2 -	External v	vork- Expos		etre
						al Quantity	17.000 m	
			Say 1	7.000 metre				762.55
15	50.18.9.19.1 Providing and fixing P includes jointing of pil direction of Engineer-	pes with or in-Charge	ne step PV 110 mm di	C solvent c	ement and	testing of j	joints composed on w	lete as per
		1	9.000		T - 1	al Ous-##	9.000	<u> </u>
						al Quantity	9.000 me	
				10	otal Deducte	•	0.000 me	
			Sou	9.000 metre		al Quantity	9.000 me	421.80
16	50.18.9.17.2 Providing and fixing Fincludes jointing of pindirection of Engineer-	pes with or	including fi	xing the pip C solvent c	e with clar ement and	nps/clips at testing of j	1.00 m sp	acing. This

		1	3.000				3.000	
					Tota	al Quantity	3.000 met	re
				То	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	3.000 met	re
			Say	3.000 metre	@ Rs 224.0	05 / metre	Rs 6	72.15
17	50.18.9.18.2 Providing and fixing Pincluded jointing of pidirection of Engineer-	pes with o	ne step PV	C solvent c	ement and	testing of j	oints comp	lete as pe
		1	20.000				20.000	
			0	60	Tota	al Quantity	20.000 me	etre
			JAM	То	tal Deducte	d Quantity	0.000 met	re
			E. L 1		Net Tota	al Quantity	20.000 me	etre
		610	Say 2	0.000 metre	@ Rs 238.7	70 / metre	Rs 47	74.00
18	50.18.9.8.1 Providing and fixing PV refilling & testing of join		1 40 7 7 7	1.1				_
		1	3.000	in 01 12 2			3.000	
	0	ther En	ngineeri		Tota anisatio otal Deducte		3.000 met	
		Di	D		7	al Quantity	3.000 met	
			Sav	3.000 metre		1		73.61
19	50.18.9.9.1 Providing and fixing PV refilling & testing of Join		0,	•		•		
		1	102.000				102.000	
					Tota	al Quantity	102.000 m	netre
				То	tal Deducte	•	0.000 met	
						al Quantity	102.000 m	
			Say 10	2.000 metre	@ Rs 522.8	32 / metre	Rs 53	327.64
20	50.18.9.10.1 Providing and fixing PV refilling & testing of join		• .	•				_
			1 -					
		1	3.000				3.000	

				To	tal Deducte	d Quantity	0.000 met	re
						al Quantity	3.000 met	
			Sav	3.000 metre		-		699.01
21	od161007/2022_202 Providing, fixing, cleansing design w cutting and making	testing and c	commissioni	ing pvc mul	ty inlet (11))x75x50x5(0x50) floor	trap of sel
		6					6.000	
		·			Tota	al Quantity	6.000 eac	h
				To	otal Deducte	d Quantity	0.000 eac	h
			0	-@-	Net Tota	al Quantity	6.000 eac	h
			Sa	y 6.000 eac	n @ Rs 461	52 / each	Rs 27	769.12
	Providing, fixing, tes Grating Cover with prespects.	- // /						
		6		York,			6.000	
					Tota	al Quantity	6.000 eac	h
		Othor Er	2012000		otal Deducte		0.000 eac	h
		Other Er	iginieeri	ing Orga	anisation	al Quantity	6.000 eac	h
			_					
			Sa	y 6.000 eac	n @ Rs 525	63 / each	Rs 31	153.78
23	od161009/2022_202 Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he bolts, & washers of	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga	il of approve lia expansio cost of bol lvanised GI	ed design. p n hold faste ts included. "U" bolts of	projecting 75 ners, includi The pipes specified sh	omm outsice ng drilling n shall be fixe	de the wall secessary ho	surface an bles in bric ready fixe
23	Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga	il of approve lia expansio cost of bol lvanised GI	ed design. p n hold faste ts included. "U" bolts of	projecting 75 ners, includi The pipes specified sh	omm outsice ng drilling n shall be fixe	de the wall secessary ho	surface an bles in bric ready fixe
23	Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga suitable size, d	il of approve lia expansio cost of bol lvanised GI one bolts on	ed design. p n hold faste ts included. "U" bolts of	rojecting 75 ners, includi The pipes specified sh f the pipe.	omm outsice ng drilling n shall be fixe	de the wall secessary holed to the all be fixed v	surface an bles in bric ready fixe vith GI nuts
23	Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga suitable size, d	il of approve lia expansio cost of bol lvanised GI one bolts on	ed design. p n hold faste ts included. "U" bolts of each side o	rojecting 75 ners, includi The pipes specified sh f the pipe.	is mm outsice ing drilling no shall be fixed ape and shall al Quantity	de the wall secessary holed to the all all be fixed very 20.000	surface an bles in bric ready fixe vith GI nuts
23	Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga suitable size, d	il of approve lia expansio cost of bol lvanised GI one bolts on	ed design. p n hold faste ts included. "U" bolts of each side o	rojecting 75 ners, includi The pipes specified sh f the pipe. Tota otal Deducte	is mm outsice ing drilling no shall be fixed ape and shall al Quantity	de the wall steeds and the fixed very second of the all be fix	surface and bles in bric ready fixed vith GI nuts ch
23	Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga suitable size, d	il of approve lia expansio cost of bol lvanised GI one bolts on 20.000	ed design. p n hold faste ts included. "U" bolts of each side o	rojecting 75 ners, includi The pipes specified sh f the pipe. Tota otal Deducte Net Tota	o mm outsice ing drilling in shall be fixed appeand shall all Quantity	de the wall specessary housed to the all be fixed very 20.000 eac 20.000 eac 20.000 eac	surface and bles in bric ready fixed vith GI nuts ch
23	Providing and fixing fixed on wall with 2 wall / CC / RCC su brackets with the he	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga suitable size, o	il of approve dia expansion cost of boli lvanised Glone bolts on 20.000	ed design. p n hold faste ts included. "U" bolts of each side o	rojecting 75 ners, includi The pipes specified sh f the pipe. Tota otal Deducte Net Tota n @ Rs 998	o mm outsice ing drilling in shall be fixed appeand shall all Quantity downward Quantity all Quantity 65 / each	le the wall specessary hold to the all be fixed very series of the serie	surface an oles in brid ready fixe vith GI nut ch h ch
	Providing and fixing fixed on wall with 2 wall / CC / RCC subrackets with the he bolts, & washers of 19.4.2.1	g GI slotted ra nos, 6/8 mm d rface and the elp of 8 mm ga suitable size, o	il of approve dia expansion cost of boli lvanised Glone bolts on 20.000	ed design. p n hold faste ts included. "U" bolts of each side o	rojecting 75 ners, includi The pipes specified sh f the pipe. Tota otal Deducte Net Tota n @ Rs 998	o mm outsice ing drilling in shall be fixed appeand shall all Quantity downward Quantity all Quantity 65 / each	le the wall specessary hold to the all be fixed very series of the serie	surface and ples in brick ready fixed with GI nuts ch h ch

				Tc	tal Deducted Quantity	0.000 each
					Net Total Quantity	3.000 each
			Say	3.000 each	@ Rs 2693.73 / each	Rs 8081.19
25	50.18.9.21 Providing and fixing Pysolvent cement - 75 m		_	cessories fo	Rigid PVC pipes, incl	uding jointing with PV
		8				8.000
					Total Quantity	8.000 no
				To	tal Deducted Quantity	0.000 no
					Net Total Quantity	8.000 no
			Ca	Say 8.00	0 no @ Rs 94.53 / no	Rs 756.24
26	50.18.9.21.2 Providing and fixing P\ solvent cement -75 mr			cessories fo	r Rigid PVC pipes, incl	uding jointing with PV
		10	1	763/A	12	10.000
		162			Total Quantity	10.000 no
		4800		To	tal Deducted Quantity	0.000 no
			A District	a and	Net Total Quantity	10.000 no
	0	ther En	gineeri	Say 10.00	0 no @ Rs 70.13 / no	Rs 701.30
27	50.18.9.21.4 Providing and fixing P\ solvent cement - 75 m		l fittings/ ac	cessories fo	r Rigid PVC pipes, incl	uding jointing with PV
		6				6.000
					Total Quantity	6.000 no
				To	tal Deducted Quantity	0.000 no
					Net Total Quantity	6.000 no
				Say 6.00	0 no @ Rs 88.13 / no	Rs 528.78
28	50.18.9.21.6 Providing and fixing Postoric cement - 75x75		_		r Rigid PVC pipes, incl	uding jointing with PV
		6				6.000
					Total Quantity	6.000 no
				To	tal Deducted Quantity	0.000 no
					Net Total Quantity	6.000 no
						1

	50.18.9.21.7 Providing and fixing Posolvent cement - 75 m		•	ies fo	r Rigid PVC	pipes, incl	uding jointin	g with PV
		6					6.000	
					Tota	al Quantity	6.000 no	
				To	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	6.000 no	
			Say	6.00	0 no @ Rs	86.38 / no	Rs 5	18.28
30	50.18.9.21.9 Providing and fixing Postly solvent cement - 75 m	m dia Sock	=	ies fo	r Rigid PVC	pipes, incl		g with P\
		12	JASS KSA \	-			12.000	
		-			Tota	al Quantity	12.000 nc)
		6	T. A.	To	tal Deducte	d Quantity	0.000 no	
		12	ANDER	4	Net Tota	al Quantity	12.000 no	1
		11/50	Say	12.00	0 no @ Rs	72.48 / no	Rs 8	69.76
	= =		fittings/accessor	ies fo	r Rigid PVC	pipes, incl	uding jointin	g with P
	solvent cement - 110 r		1 E 100	à	anisatio	ns	6.000	g with P\
	= =	mm dia Elbo	ow	Orga	anisatio	ns al Quantity	6.000 6.000 no	g with P
	= =	mm dia Elbo	ow	Orga	Total Deducte	ns al Quantity d Quantity	6.000 6.000 no 0.000 no	g with P
	= =	mm dia Elbo	gineering ()rga	Total Deducte	ns al Quantity d Quantity al Quantity	6.000 no 6.000 no 0.000 no 6.000 no	
32	= =	the En	Say I fittings / accessor)rga	Total Deducte Net Total no @ Rs 16	ns al Quantity d Quantity al Quantity 07.09 / no	6.000 6.000 no 0.000 no 6.000 no Rs 6	42.54
32	50.18.9.22.2 Providing and fixing P	the En	Say I fittings / accessor)rga	Total Deducte Net Total no @ Rs 16	ns al Quantity d Quantity al Quantity 07.09 / no	6.000 6.000 no 0.000 no 6.000 no Rs 6	42.54
32	50.18.9.22.2 Providing and fixing P	vC moulded	Say I fittings / accessor)rga	Total Deducte Net Total no @ Rs 16 or Rigid PVC	ns al Quantity d Quantity al Quantity 07.09 / no	6.000 6.000 no 0.000 no 6.000 no Rs 6	42.54
32	50.18.9.22.2 Providing and fixing P	vC moulded	Say I fittings / accessor	To 6.000	Total Deducte Net Total no @ Rs 16 or Rigid PVC	al Quantity al Quantity 07.09 / no C pipes, incl	6.000 6.000 no 0.000 no 6.000 no Rs 6 uding jointin	42.54
32	50.18.9.22.2 Providing and fixing P	vC moulded	Say I fittings / accessor	To 6.000	Total Deducte Net Total no @ Rs 16 Total or Rigid PVC	al Quantity al Quantity 07.09 / no C pipes, incl	6.000 6.000 no 0.000 no 6.000 no Rs 6 uding jointin	42.54
32	50.18.9.22.2 Providing and fixing P	vC moulded	Say I fittings / accessor egree Elbow	To To	Total Deducte Net Total no @ Rs 16 Total or Rigid PVC	al Quantity al Quantity 07.09 / no C pipes, incl al Quantity d Quantity d Quantity	6.000 6.000 no 0.000 no 6.000 no Rs 6 uding jointin 9.000 9.000 no 0.000 no	42.54
32	50.18.9.22.2 Providing and fixing P	VC moulded by the second of th	Say Say Say Say Say Say Say	6.000 To	Total Deducte Net Total no @ Rs 10 Total or Rigid PVC Total otal Deducte Net Total no @ Rs 10	al Quantity d Quantity al Quantity 07.09 / no C pipes, incl al Quantity d Quantity d Quantity al Quantity al Quantity	6.000 6.000 no 0.000 no 6.000 no Rs 6 uding jointin 9.000 9.000 no 0.000 no Rs 9	42.54 g with P'

	Total Quantity	3.000 no
	Total Deducted Quantity	0.000 no
	Net Total Quantity	3.000 no
	Say 3.000 no @ Rs 160.54 / no	Rs 481.62
34	50.18.9.22.6 Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, inclusion solvent cement - 110x110x110 mm dia Door tee	uding jointing with PVC
	Total Quantity	3.000 no
	Total Deducted Quantity	0.000 no
	Net Total Quantity	3.000 no
	Say 3.000 no @ Rs 187.04 / no	Rs 561.12
35	50.18.9.22.8	13 301.12
	Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, incl solvent cement -110 mm dia Vent cowl	uding jointing with PV
	3	3.000
	Total Quantity	3.000 no
	Total Deducted Quantity	0.000 no
	Other Engineering Organ Net Total Quantity	3.000 no
36	Say 3.000 no @ Rs 123.34 / no 50.18.9.22.11 Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes,included fittings/accessor	Rs 370.02
	solvent cement - 110 mm dia Socket/ coupling	ading joining man i
	27	27.000
	Total Quantity	27.000 no
	Total Deducted Quantity	0.000 no
	Net Total Quantity	27.000 no
	Say 27.000 no @ Rs 110.59 / no	Rs 2985.93
37	od161010/2022_2023 Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes,inclusion solvent cement - 150 mm dia Socket/ coupling	uding jointing with PV
	3	3.000
	Total Quantity	3.000 each
	Total Deducted Quantity	0.000 each
	Net Total Quantity	3.000 each

			Say	y 3.000 eacl	n @ Rs 337.	03 / each	Rs 10	011.09
38	50.18.8.3.2 Providing and fixing Fincludes jointing of piper direction of Engine etc. 25 mm pipe 10kg	oes & fittings eer-in-Charg	s with one st	tep PVC so	vent cemen	t and testin	g of joints o	complete as
		1	31.000				31.000	
					Tota	I Quantity	31.000 m	etre
				To	tal Deducted	d Quantity	0.000 met	tre
					Net Tota	I Quantity	31.000 m	etre
			Say 3	1.000 metre	@ Rs 416.4	9 / metre	Rs 12	911.19
	Providing and fixing Fincludes jointing of piper direction of Engin	oes & fittings	s with one st	tep PVC so	vent cemen	t and testin	g of joints of	complete a
		1	40.000		TA		40.000	
		152	L/a		Tota	I Quantity	40.000 m	etre
		ALC:		To	tal Deducted	d Quantity	0.000 met	tre
			Villa Baris	a mile	Net Tota	I Quantity	40.000 m	etre
		Other En	ginSay 4	0.000 metre	@ Rs 263.6	11 £ metre	Rs 10	544.40
40	50.18.7.4.1 Providing and fixing Fincludes jointing of piper direction of Engin	oes & fittings	with one st	tep PVC so	vent cemen	t and testin	g of joints of	complete a
		1	22.000				22.000	
					Tota	I Quantity	22.000 m	etre
				To	tal Deducted	d Quantity	0.000 met	tre
					Net Tota	I Quantity	22.000 m	etre
			Say 2	2.000 metre	@ Rs 314.5	5 / metre	Rs 69	920.10
41	50.18.9.3.2 Providing and fixing F refilling & testing of jo		•	•		•		
		1	3.000				3.000	
			•		Tota	I Quantity	3.000 met	tre
				Тс	tal Deducted	d Quantity	0.000 met	tre
					Net Tota	I Quantity	3.000 met	tre

42			Say 3.000 metre	e @ Rs 214.1	3 / metre	Rs 6	42.39
-T_	od161011/2022_2023						
	Providing and fixing ba	II valve (bra	ass) of approved quality.	 br>20 mm r	nominal bore	e I	
		6				6.000	
				Tota	I Quantity	6.000 eac	h
			To	otal Deducted	d Quantity	0.000 eacl	h
				Net Tota	I Quantity	6.000 eacl	h
			Say 6.000 eac	h @ Rs 620.	78 / each	Rs 37	24.68
43	od161012/2022_2023						
	Providing and fixing ba	ll valve (bra	ass) of approved quality.	 br>25 mm r	nominal bore	e	
		3	Cass			3.000	
				Tota	I Quantity	3.000 eacl	h
			To	otal Deducted	d Quantity	0.000 eacl	h
				Net Tota	I Quantity	3.000 eacl	n
		1 B	Say 3.000 eac	h @ Rs 954.	67 / each	Rs 28	64.01
	with cover and suitable		(at all floor levels) polye	-	•		o i ilialik
	pipes but without fitting	•	base support for tank.	necessary		let, outlet ar	nd overfl
	pipes but without hith	•	Al-res rettle	anisatio	ns	let, outlet ar	nd overf
	pipes but without intin	gs and the	base support for tank.	anisatio	ns Quantity		
	pipes but without intin	gs and the	base support for tank.	anisatio	ns Quantity	1500.000	Litre
	pipes but without intin	gs and the	base support for tank.	Total Deducted	ns Quantity	1500.000 1500.000	Litre
	pipes but without intuit	gs and the	base support for tank.	Total Deducted	Quantity U Quantity U Quantity	1500.000 1500.000 0.000 Litre 1500.000	Litre
	pipes but without intuit	gs and the	base support for tank.	Total Deducted Net Total itre @ Rs 10	Quantity U Quantity U Quantity	1500.000 1500.000 0.000 Litre 1500.000	Litre Litre
	pipes but without intuit	gs and the	base support for tank. 1500.000 To	Total Deducted Net Total itre @ Rs 10 ints (in %) @	Quantity U Quantity U Quantity	1500.000 1500.000 0.000 Litre 1500.000 Rs 15	Litre Litre
	pipes but without intuit	gs and the	Say 1500.000 Li	Total Deducted Net Total itre @ Rs 10 ints (in %) @	Quantity U Quantity U Quantity	1500.000 1500.000 0.000 Litre 1500.000 Rs 15	Litre Litre 360.00
	pipes but without intuit	gs and the	Say 1500.000 Li	Total Deducted Net Total itre @ Rs 10 nts (in %) @ T payments	Quantity U Quantity U Quantity	1500.000 1500.000 0.000 Litre 1500.000 Rs 15 0.0%	Litre Litre 360.00
	pipes but without intuit	gs and the	Say 1500.000 Li	Total Deducted Net Total itre @ Rs 10 nts (in %) @ T payments	Quantity U Quantity U Quantity	1500.000 1500.000 0.000 Litre 1500.000 Rs 15: 0.0% 0.00 262508.00	Litre Litre 360.00
	pipes but without intuit	gs and the	Say 1500.000 Li	Total Deducted Net Total itre @ Rs 10 nts (in %) @ T payments	Quantity d Quantity d Quantity d Quantity	1500.000 1500.000 0.000 Litre 1500.000 Rs 15: 0.0% 0.00 262508.00 0.00	Litre 2 Litre 360.00

(Cost Index Applied for this estimate is 33.9%)

Data Analysis

PHE Estimate 1 Specification Code: od161006/2022_2023

od161006/2022_2023 :Supplying & fixing of 4 nos of Grab bar and 1 no of Folding type Grab bar with necessary fittings at both side of commode for physically challend persons all complete as directed.

directed.

Make: Parryware/ Equivalent.

Code	Description	Unit	Quantity	Rate	Amount
MR	Hand Grip	each	4.00000	2850.00	11400.00
MR	Grab Bar Vertical Swing	each	1.00000	10305.08	10305.08
9988	Carriage and sundries	L.S	32.24000	2.00	64.48
0116	Fitter(grade1)	Day	0.40000	738.00	295.20
0117	Assistant Fitter or 2nd class fitter	Day	0.70000	679.00	475.30
	I A I DIVINE	ITA	TOTA	AL 2	2540.06
		cost f	or one ead	ch 2	2540.06
	say	pa		2	2540.06

Other Engineering ()rganisa	tions	
Add Water Charges @ 1.0%			225.40
Add CPOH @ 15.0%		H	3414.81
Cost index 33.9 %			328.77
Total with Cost index			26509.05
Say			26509.05

2 Specification Code: od161007/2022_2023

od161007/2022_2023 :Providing, fixing, testing and commissioning pvc multy inlet (110x75x50x50x50) floor trap of self cleansing design with or without vent arm complete, including cost of masonry or concrete supports cutting and making good the walls and floors where ever required

Code Description	Unit	Quantity	Rate	Amount
------------------	------	----------	------	--------

MR	PVC single inlet/ multy inlet(110x75x50x50x50) floor trap	each	1.00000	180.30	180.30
9999	Sundries	L.S	13.52000	2.00	27.04
9977	Carriage	L.S	2.73000	2.00	5.46
0123	Mason (brick layer) Ist class	Day	0.10000	738.00	73.80
0114	Beldar	Day	0.10000	558.00	55.80

		TOTAL	342.40
	СО	st for one each	342.40
say			342.40

Add Water Charges @ 1.0%	3.42
Add CPOH @ 15.0%	51.87
Cost index 33.9 %	63.82
Total with Cost index	461.52
Say	461.52

	041	E	anima Ou	
- 0 10 11 0 1 1404000			eering Or	gamsauons

3 Specification Code: od161008/2022_2023

od161008/2022_2023 :Providing, fixing, testing and commissioning at site 100x100 mm square C.P.cast brass or stainless steel Grating Cover with protection from cockroaches of matching size of multi inlet or "P" trap complete in all respects.

Code	Descri	ption		Unit	Quantity	Rate	Amount
MR	Cockr	oach Trap		each	1.00000	330.00	330.00
9999	Sundr	ies		L.S	13.52000	2.00	27.04
9988	Carria	ge and sundries		L.S	32.24000	2.00	64.48
					TOTA	AL	421.52
				cost	for one ead	ch	421.52
		say					421.52

Add Water Charges @ 1.0%

Add CPOH @ 15.0%		63.86
Cost index 33.9 %		36.03
Total with Cost index		525.63
Say		525.63

4 Specification Code: od161009/2022_2023

od161009/2022_2023 :Providing and fixing GI slotted rail of approved design. projecting 75 mm outside the wall surface and fixed on wall with 2 nos, 6/8 mm dia expansion hold fasteners, including drilling necessary holes in brick wall / CC / RCC surface and the cost of bolts included. The pipes shall be fixed to the already fixed brackets with the help of 8 mm galvanised GI "U" bolts of specified shape and shall be fixed with GI nuts, bolts, & washers of suitable size, one bolts on each side of the pipe.

Code	Description	Unit	Quantity	Rate	Amount
MR	Slotted rail	metre	1.00000	199.53	199.53
1330	Clamps and M.S. stays including bolts and nuts for 10 mm pipe Other Engineering O	00 each roanisati	5.00000	67.50	337.50
8776	Stainless Steel dash fastener of 8 mm dia and 75 mm long bolt	each	5.00000	15.00	75.00
9988	Carriage and sundries	L.S	40.30000	2.00	80.60
			TOTA	AL	692.63
_		cost	for one ea	ch	692.63
	say				692.63

Add Water Charges @ 1.0%		6.92
Add CPOH @ 15.0%		104.93
Cost index 33.9 %		194.15
Total with Cost index		998.65
Say		998.65

5 Specification Code: od161010/2022_2023

od161010/2022_2023 :Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes,including jointing with PVC solvent cement - 150 mm dia Socket/ coupling

Code	Descri	ption			Unit	Quantity	Rate	Amount
MR	PVC S	Socket/coupling 150	mm dia		each	1.00000	225.07	225.07
9999	Sundr	ies			L.S	7.15000	2.00	14.30
9999	Sundr	ies			L.S	17.16000	2.00	34.32
						TOTA	AL	273.69
			P	-sa	cost	for one ea	ch	273.69
		say	-//	Mr.				273.69

Add Water Charges @ 1.0%	2.73
Add CPOH @ 15.0%	41.46
Cost index 33.9 %	19.14
Total with Cost index	337.03
Other Engineerisay Organisations	337.03

6 Specification Code: od161011/2022_2023-

od161011/2022_2023 :Providing and fixing ball valve (brass) of approved quality.
20 mm nominal bore
Details of cost for one no

MATERIAL:

Code	Descrip	otion			Unit	Quantity	Rate	Amount
MR	20 mm	n dia			each	1.00000	462.40	462.40
9988	Carria charge	ge and sundries <b< td=""><td>r> of materials and f</td><td>ixing</td><td>L.S</td><td>26.91000</td><td>2.00</td><td>53.82</td></b<>	r> of materials and f	ixing	L.S	26.91000	2.00	53.82
						TOTA	AL	516.22
					cost	for one ea	ch	516.22
		say						516.22

Add Water Charges @ 1.0%		5.16
Add CPOH @ 15.0%		78.20
Cost index 33.9 %		21.19
Total with Cost index		620.78
Say		620.78

7 Specification Code: od161012/2022_2023

od161012/2022_2023 :Providing and fixing ball valve (brass) of approved quality.

Details of cost for one no

MATERIAL:

Code	Description	Unit	Quantity	Rate	Amount
MR	25 mm dia	each	1.00000	735.59	735.59
9988	Carriage and sundries of materials and fixing charge	L.S	32.24000	2.00	64.48
	Other Eligineering Org	gamsau	TOTA	AL	800.07
	PRI(cost	for one ea	ch	800.07
	say				800.07

Add Water Charges @ 1.0%		8.00
Add CPOH @ 15.0%		121.21
Cost index 33.9 %		25.38
Total with Cost index		954.67
Say		954.67

Construction of care home at Kannur- Type A- FPS works

General Abstract

(Dsor year: 2018,Cost Index Applied for this estimate is 33.9%)

SI No	Heading Description	Amount	
1	FPS Works	455921.18	
	Provision for GST payments (in %) @	0.0%	
	Amount reserved for GST payments	0.00	
	Total	455921.00	
	Lumpsum for round off	0.00	
		TOTAL Rs 455921.00	
		Rounded Total Rs 4,55,921	
	Rupees Four Lakh Fifty Five Thousand Nine Hundred and Twenty One Only		

(Cost Index Applied for this estimate is 33.9%)



Construction of care home at Kannur- Type A- FPS works

Abstract Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

	1 FPS Works	
1	od163498/2022_2023 Supply, Installation, Testing & Commissioning of Fire Fighting Terral cast iron impeller to ensure a minimum pressure of 3.5 kg/sq.cm. specified flow of 450 LPM with 35 meter head br>Make:Kirloskar/	at highest and farthest outlet at a
	Net Total Quantity	1.000 each
	Say 1.000 each @ Rs 53143.56 / each	Rs 53143.56
2	od163499/2022_2023 Supply, Installation, Testing & Commissioning of Automatic Motor Co for 450 LPM Fire Terrace Pump.	ntrol Panel with necessary Starter
	Net Total Quantity	1.000 each
	Say 1.000 each @ Rs 24837.70 / each	Rs 24837.70
3	od163500/2022_2023 Supply, Installation, Testing & Commissioning of Pressure Guage requirement. br>Make: Baumer /H-Guru/Equivalent	of 100mm Ø, 0 - 200 psi as pe
	Net Total Quantity	1.000 each
	Say 1.000 each @ Rs 1373.27 / each	Rs 1373.27
4	od163501/2022_2023 ther Engineering Organisation Supply, Installation, Testing & Commissioning of Pressure Switce Indfoss/Baumer/Equivalent	ns h as per requirement. Make
	Net Total Quantity	1.000 each
	Say 1.000 each @ Rs 2063.92 / each	Rs 2063.92
5	od163502/2022_2023 Supply, Installation, Testing & Commissioning of CI Butterfly Valve operated type having quality rubber seating, disc with required f	

Say 1.000 metre @ Rs 797.57 / metre	Rs 797.57
Net Total Quantity	1.000 metre
od163510/2022_2023 Supply and Laying of 'MS' C class pipe for hydrant system with ne coated with oil primer and 2 coats of final red paint. br>Make: Tata	• • • • • •
Say 2.000 metre @ Rs 2010.79 / metre	Rs 4021.58
Net Total Quantity	2.000 metre
od163509/2022_2023 Supply and Laying of 'MS' C class pipe for hydrant system with ne coated with oil primer and 2 coats of final red paint. hydrant system with ne	, , , , , , , , , , , , , , , , , , , ,
Say 60.000 metre @ Rs 2809.48 / metre	Rs 168568.80
Net Total Quantity	60.000 metre
od163508/2022_2023 Supply and Laying of 'MS' C class pipe for hydrant system with ne coated with oil primer and 2 coats of final red paint. br>Make: Tata	
Say 2:000 each @ Rs 532.79 / each	ns Rs 1065.58
Net Total Quantity	2.000 each
od163507/2022_2023 Supply, Installation, Testing & Commissioning of b complete. Make:Zoloto/Intervalve/Equivalent 1	
Say 1.000 each @ Rs 984.96 / each	Rs 984.96
Net Total Quantity	1.000 each
od163506/2022_2023 Supply, Installation, Testing & Commissioning of b complete. br>Make:Zoloto/Intervalve/Equivalent 2	, and the second se
Say 1.000 each @ Rs 1823.10 / each	Rs 1823.10
Net Total Quantity	1.000 each
od163505/2022_2023 Supply, Installation, Testing & Commissioning of brass air release coupling to be fitted on top of the riser. https://doi.org/10.1001	
Say 1.000 each @ Rs 12425.00 / each	Rs 12425.00
Net Total Quantity	1.000 each
od163504/2022_2023 Supply, Installation, Testing & Commissioning of Y-Strainer with r Gaskets etc.complete. br>Make:Zoloto/Intervalve/Equivalent Complete	•
	Gaskets etc.complete. Net Total Quantity Say 1.000 each @ Rs 12425.00 / each od163505/2022_2023 Supply, Installation, Testing & Commissioning of brass air release coupling to be fitted on top of the riser. Net Total Quantity Say 1.000 each @ Rs 1823.10 / each od163506/2022_2023 Supply, Installation, Testing & Commissioning of bcomplete. Net Total Quantity Say 1.000 each @ Rs 1823.10 / each od163506/2022_2023 Supply, Installation, Testing & Commissioning of bcomplete. Net Total Quantity Say 1.000 each @ Rs 984.96 / each od163507/2022_2023 Supply, Installation, Testing & Commissioning of bcomplete. Net Total Quantity Say 2.000 each @ Rs 532.79 / each od163508/2022_2023 Supply and Laying of 'MS' C class pipe for hydrant system with necoated with oil primer and 2 coats of final red paint. Net Total Quantity Say 60.000 metre @ Rs 2809.48 / metre od163509/2022_2023 Supply and Laying of 'MS' C class pipe for hydrant system with necoated with oil primer and 2 coats of final red paint. Net Total Quantity Say 2.000 metre @ Rs 2010.79 / metre od163510/2022_2023 Supply and Laying of 'MS' C class pipe for hydrant system with necoated with oil primer and 2 coats of final red paint. Say 2.000 metre @ Rs 2010.79 / metre

14	od163511/2022_2023		
	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a		
	lead of 50 m :100mm dia	excavated soil as directed, within a	
	Net Total Quantity	20.000 metre	
	Say 20.000 metre @ Rs 423.36 / metre	Rs 8467.20	
15	od163512/2022_2023		
	Supply and wrapping with Tarfelt (1mm Thickness) material for Under	Ground Pipes.	
	Net Total Quantity	10.000 metre	
	Say 10.000 metre @ Rs 183.45 / metre	Rs 1834.50	
16	od163513/2022_2023 Supply, Installation, Testing & Commissioning of Single Headed Hydrant Valve S Flanged Inlet, Female Instantaneous outlet, complete with dr>Make:NewAge/Monsher/Equivalent		
	Net Total Quantity	2.000 each	
	Say 2.000 each @ Rs 7986.26 / each	Rs 15972.52	
	Supply, Installation, Testing & Commissioning of 63 mm dia RRL Hose Tested to a Bursting Pressure of 32 Kg / sq.cm made of Superior Quality Cotton and Nylon Jacket beaming Seamless Woven and Round Proofed each of length 15 mtrs. complete with heavy quality SS coupling https://doi.org/10.1007/journal.org/line-complete with heavy quality SS coupling https://doi.org/10.1007/journal.org/line-complete with heavy quality SS coupling https://doi.org/line-complete with heavy quality SS coupling		

	Net Total Quantity	2.000 each	
	Say 2.000 each @ Rs 7943.61 / each	Rs 15887.22	
21	od163518/2022_2023		
	Supply, Installation, Testing & Commissioning of 25mm Ball valve for Hydrant with fittings e complete. complete. draw in the commission of 25mm Ball valve for Hydrant with fittings e complete.		
	Net Total Quantity	2.000 each	
	Say 2.000 each @ Rs 984.96 / each	Rs 1969.92	
22	od163519/2022_2023 Supplying, Installation, Testing & Commissioning of Fire Brigade Inlerinstantaneous inlets. br>Make:NewAge/Monsher/Equivalent	t 3 Way Gunmetal with 63mm ma	
	Net Total Quantity	1.000 each	
	Say 1.000 each @ Rs 12161.19 / each	Rs 12161.19	
23	od163520/2022_2023 Supply, Installation, Testing & Commissioning of CI Butterfly Valve operated type having quality rubber seating, disc with required f br>Make:Zoloto/Intervalve/Equivalent	` '	
	Net Total Quantity	1.000 each	
	Say 1.000 each @ Rs 6553.67 / each	Rs 6553.67	
	od163521/2022_2023 Making of openings in structural (RCC) walls / slabs / beam for passage of pipes / cables using suitable core cutting machinery for the following sizes and making good of the openings after passage of service including clearing of debris by 100mm		
	PRII	1	
	Net Total Quantity	3.000 each	
	PRII	1	
25	Net Total Quantity	3.000 each Rs 3594.75	
25	Net Total Quantity Say 3.000 each @ Rs 1198.25 / each od163522/2022_2023 FIRE EXTINGUISHER br>Supply, Installation, Testing & Commission	3.000 each Rs 3594.75	
25	Net Total Quantity Say 3.000 each @ Rs 1198.25 / each od163522/2022_2023 FIRE EXTINGUISHER br>Supply, Installation, Testing & Commission 6kg capacity. br>Make: Kanex/Minimax/Equivalent	3.000 each Rs 3594.75 ing of ABC Type Fire Extinguish	
25	Say 3.000 each @ Rs 1198.25 / each od163522/2022_2023 FIRE EXTINGUISHER br>Supply, Installation, Testing & Commission 6kg capacity. br>Make: Kanex/Minimax/Equivalent Net Total Quantity	3.000 each Rs 3594.75 ing of ABC Type Fire Extinguish 2.000 each Rs 11822.28	
	Say 3.000 each @ Rs 1198.25 / each od163522/2022_2023 FIRE EXTINGUISHER Flag capacity. Flag capacity. Say 2.000 each @ Rs 5911.14 / each od163523/2022_2023 SIGNAGES SIGNAGES Say 2.000 each @ Commissioning of Floor	3.000 each Rs 3594.75 ing of ABC Type Fire Extinguish 2.000 each Rs 11822.28	
	Say 3.000 each @ Rs 1198.25 / each od163522/2022_2023 FIRE EXTINGUISHER Supply, Installation, Testing & Commission 6kg capacity. Net Total Quantity Say 2.000 each @ Rs 5911.14 / each od163523/2022_2023 SIGNAGES SIGNAGES Supply, Installation, Testing & Commissioning of Floor Prolite/Autolite/Equivalent	3.000 each Rs 3594.75 ing of ABC Type Fire Extinguish 2.000 each Rs 11822.28 or Identification Signage. br>Ma	
	Say 3.000 each @ Rs 1198.25 / each od163522/2022_2023 FIRE EXTINGUISHER Supply, Installation, Testing & Commission 6kg capacity. Net Total Quantity Say 2.000 each @ Rs 5911.14 / each od163523/2022_2023 SIGNAGES SIGNAGES Supply, Installation, Testing & Commissioning of Floor Prolite/Autolite/Equivalent Net Total Quantity	3.000 each Rs 3594.75 ing of ABC Type Fire Extinguish 2.000 each Rs 11822.28 or Identification Signage. 2.000 each Rs 1020.32	

	Say 2.000 each @ Rs 510.16 / each	Rs 1020.32
28	od163525/2022_2023 Supply, Installation, Testing & Commissioning of Fire Prolite/Autolite/Equivalent	Cabinet Signage. Make
	Net Total Quantity	2.000 each
	Say 2.000 each @ Rs 510.16 / each	Rs 1020.32
29	od163526/2022_2023 Supply, Installation, Testing & Commissioning of Fire Ex Prolite/Autolite/Equivalent	tinguisher Signage. Make
	Net Total Quantity	2.000 each
	Say 2.000 each @ Rs 510.16 / each	Rs 1020.32
30	od163527/2022_2023 Supply, Installation, Testing & Commissioning of Exit Light (Double Signature) Prolite/Autolite/Equivalent	ded) with Battery Backup Make
	Net Total Quantity	2.000 each
	Say 2.000 each @ Rs 5330.39 / each	Rs 10660.78
31	od163528/2022_2023 Supply & Installation of Fire Escape Route Map Size: A1	
	Net Total Quantity	2.000 each
	Other Say 2.000 each @ Rs 9976.38 / each	ns Rs 19952.76
	Provision for GST payments (in %) @	0.0%
	Amount reserved for GST payments	0.00
	Total	455921.00
	Lumpsum for round off	0.00
		TOTAL Rs 455921.00
		Rounded Total Rs 4,55,921
	Rupees Four Lakh Fifty Five Thousand N	line Hundred and Twenty One Only
		·

(Cost Index Applied for this estimate is 33.9%)

Construction of care home at Kannur- Type A- FPS works

Detailed Estimate

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Description	No	L	В	D	CF	Quantity	Remark	
			1 FPS	Works					
1	od163498/2022_2023	3							
	Supply, Installation,	_		•		•		•	
	cast iron impeller to specified flow of 450		•		• .	•		outlet at	
	specified flow of 430		J meter ne	au IVIAN	e.Kiiloskai/	VVIIO/ Equiv			
		1					1.000		
			-			al Quantity	1.000 eac		
			- 160	Telling Telling	otal Deducte	ed Quantity	0.000 eac	h	
			11		Net Tot	al Quantity	1.000 eac	h	
			Say '	1.000 each	@ Rs 53143	.56 / each	Rs 53	143.56	
2	od163499/2022_2023	3							
	Supply, Installation, T		nmissioning	of Automa	tic Motor Co	ntrol Panel	with necessa	ary Starte	
	for 450 LPM Fire Ter	race Pump.	LA CO			-1-			
		1	F878				1.000		
			J. D. Contract	Service Control	Tot	al Quantity	1.000 eac	h	
	Other Engineering Or Total Deducted Quantity							0.000 each	
	Net Total Quantity							1.000 each	
		$P \mid$	Say ²	1.000 each	@ Rs 24837	.70 / each	Rs 24	837.70	
3	od163500/2022_2023	3							
	Supply, Installation,	of 100mm	ø, 0 - 200	psi as p					
	requirement. Ma	ke: Baumer	/H-Guru/Ed	quivalent	T		T		
		1					1.000		
					Tot	al Quantity	1.000 eac	h	
				T	otal Deducte	ed Quantity	0.000 eac	h	
		1.000 eac	h						
		Rs 13	373.27						
4	od163501/2022_2023	 3	-		@ Rs 1373				
	Supply, Installation, Indfoss/Baumer/Equ	Testing & 0	Commissio	ning of Pre	ssure Swite	ch as per r	equirement.	Mak	
		1					1.000		
			ı	1	Tot	al Quantity	1.000 eac	h	
				T	otal Deducte	· · · · · · · · · · · · · · · · · · ·	0.000 eac		
					J.G. D J G G G G G	a Quartity	3.555 Gab	•	

					Net Tota	I Quantity	1.000 eac	:h
			Say	1.000 each	@ Rs 2063.	92 / each	Rs 20	063.92
5	od163502/2022_2023 Supply, Installation, Testing & Commissioning of CI Butterfly Valve (PN 16) SI operated type having quality rubber seating, disc with required flanges, nu disc with required flanges, nu disc with required flanges, nu disc wi							
		2					2.000	
					Tota	I Quantity	2.000 eac	:h
				To	otal Deducted	d Quantity	0.000 eac	:h
					Net Tota	I Quantity	2.000 eac	:h
			Say	2.000 each	@ Rs 6553.	67 / each	Rs 13	107.34
		1			Tota	l Quantity	1.000 1.000 eac	:h
		104	Ma	FOY.	Tota	I Quantity	1.000 eac	:h
				To	otal Deducted	d Quantity	0.000 eac	:h
	Other Engines 1,000 each @ Rs 8520 097 each						1.000 each	
		uner En	Say	1.000 each	@ Rs 8520.	09 / each	Rs 8	520.09
7	1400=04/0000 0000				1	ľ		
7	od163504/2022_2023 Supply, Installation, T Gaskets etc.complete	-		-			•	, Bolts a
7	Supply, Installation, T	-		-			•	, Bolts a
7	Supply, Installation, T	Make		-	ivalent		a 	
7	Supply, Installation, T	Make		ervalve/Equ	ivalent	100 mm dia	1.000	h
7	Supply, Installation, T	Make		ervalve/Equ	Total Deducted	100 mm dia	1.000 1.000 eac	ch ch
7	Supply, Installation, T	Make	:Zoloto/Inte	ervalve/Equ	Total Deducted	I Quantity I Quantity Quantity I Quantity	1.000 1.000 eac 0.000 eac 1.000 eac	ch ch
8	Supply, Installation, T	e. br>Make	Say 1	To .000 each @	Total otal Deducted Net Total Rs 12425. air release	I Quantity I Quantity I Quantity I Quantity O0 / each	1.000 eac 0.000 eac 1.000 eac Rs 12	th th th
	Supply, Installation, T Gaskets etc.complete od163505/2022_2023 Supply, Installation, T	e. br>Make	Say 1	To .000 each @	Total otal Deducted Net Total Rs 12425. air release	I Quantity I Quantity I Quantity I Quantity O0 / each	1.000 eac 0.000 eac 1.000 eac Rs 12	th th th
	Supply, Installation, T Gaskets etc.complete od163505/2022_2023 Supply, Installation, T	e. tor>Make	Say 1	To .000 each @	Total Total Deducted Net Total Rs 12425. air release sto/Intervalve	I Quantity I Quantity I Quantity I Quantity O0 / each	1.000 1.000 each 1.000 each 1.000 each Rs 12 mm dia with at	ch ch ch 2425.00
	Supply, Installation, T Gaskets etc.complete od163505/2022_2023 Supply, Installation, T	e. tor>Make	Say 1	.000 each @	Total Total Deducted Net Total Rs 12425. air release sto/Intervalve	I Quantity I Quantity I Quantity I Quantity O0 / each valve, 25n	1.000 1.000 each 1.000	ch ch ch ch checessa
	Supply, Installation, T Gaskets etc.complete od163505/2022_2023 Supply, Installation, T	e. tor>Make	Say 1	.000 each @	Total Total Deducted Net Total Rs 12425. air release to/Intervalve Total	I Quantity I Quantity I Quantity I Quantity O0 / each valve, 25n	1.000 eac 1.000 eac 1.000 eac 1.000 eac Rs 12 1.000 eac 1.000 eac	ch ch ch ch checessa

	od163506/2022_2023 Supply, Installat complete. Ma	ion, Test	•		•		with fi	tings	etc		
		1					1.000				
					Tota	al Quantity	1.000 ead	ch			
				To	otal Deducte	d Quantity	0.000 each				
		Net Total Quantity 1.000 eac									
			Sa	y 1.000 eacl	n @ Rs 984	.96 / each	Rs 984.96				
10	od163507/2022_2023 Supply, Installat complete. br>Ma	ion, Test	_		-			tings	eto		
		2	/lät	160 L			2.000				
			C.11		Tota	al Quantity	2.000 ead	ch			
			35 3	To	otal Deducte	d Quantity	0.000 ead	ch			
		11		33/2	Net Tota	al Quantity	2.000 each				
	Say 2.000 each @ Rs 532.79 / each							Rs 1065.58			
	coated with oil primer	ther Er	s of final re	ng Orga	anisatio	ns al Quantity	60.000 m 0.000 me	etre	dia		
					Net Tota	al Quantity	60.000 m	etre			
			Say 60	.000 metre (@ Rs 2809.4	18 / metre	Rs 16	8568.80			
12	od163509/2022_2023 Supply and Laying or coated with oil prime	f 'MS' C clas	ss pipe for s of final re	hydrant sys	tem with ne	cessary fitt	ings.The p uivalent <b< td=""><td>8568.80 ipe shal</td><td>l be</td></b<>	8568.80 ipe shal	l be		
12	Supply and Laying o	f 'MS' C clas	ss pipe for	hydrant sys	tem with ne	cessary fitt	ings.The p	8568.80 ipe shal	l be		
12	Supply and Laying o	f 'MS' C clas	ss pipe for s of final re	hydrant sys	tem with ne	cessary fitt	ings.The p uivalent <b< td=""><td>8568.80 ipe shal r>80mm</td><td>l be</td></b<>	8568.80 ipe shal r>80mm	l be		
12	Supply and Laying o	f 'MS' C clas	ss pipe for s of final re	hydrant sysied paint. <br< td=""><td>tem with ne</td><td>cessary fitt a/Jindal/Equ al Quantity</td><td>ings.The p uivalent <b< td=""><td>s568.80 ipe shal r>80mm tre</td><td>l be</td></b<></td></br<>	tem with ne	cessary fitt a/Jindal/Equ al Quantity	ings.The p uivalent <b< td=""><td>s568.80 ipe shal r>80mm tre</td><td>l be</td></b<>	s568.80 ipe shal r>80mm tre	l be		
12	Supply and Laying o	f 'MS' C clas	ss pipe for s of final re	hydrant sysied paint. <br< td=""><td>tem with ne Make: Tata Tota tal Deducte</td><td>cessary fitt a/Jindal/Equ al Quantity</td><td>ings.The p uivalent 2.000</td><td>ipe shal r>80mm tre</td><td>l be</td></br<>	tem with ne Make: Tata Tota tal Deducte	cessary fitt a/Jindal/Equ al Quantity	ings.The p uivalent 2.000	ipe shal r>80mm tre	l be		
12	Supply and Laying o	f 'MS' C clas	ss pipe for s of final re 2.000	hydrant sysied paint. <br< td=""><td>tem with ne Make: Tata Tota tal Deducte Net Tota</td><td>cessary fitt a/Jindal/Equ al Quantity d Quantity al Quantity</td><td>ings.The p uivalent 2.000 2.000 me 0.000 me 2.000 me</td><td>ipe shal r>80mm tre</td><td>l be</td></br<>	tem with ne Make: Tata Tota tal Deducte Net Tota	cessary fitt a/Jindal/Equ al Quantity d Quantity al Quantity	ings.The p uivalent 2.000 2.000 me 0.000 me 2.000 me	ipe shal r>80mm tre	l be		
12	Supply and Laying o	f 'MS' C clas	ss pipe for s of final re 2.000 Say 2	hydrant systed paint. To	Total Deducte Net Tota Res 2010	cessary fitt a/Jindal/Equ al Quantity d Quantity al Quantity 79 / metre	ings.The puivalent 2.000 2.000 me 0.000 me 2.000 me Rs 4 ings.The p	ipe shall r>80mm tre tre tre 021.58	I be		

					Tota	al Quantity	1.000 met	re
				То	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	1.000 met	re
			Say	1.000 metre	@ Rs 797.	57 / metre	Rs 7	97.57
14	od163511/2022_2023 Excavating trenches dressing of sides, rar then returning the soi deposited layer by rai lead of 50 m :100mm	of required mming of bo I as required mming, wate	ttoms, depth d, in layers n	upto 1.5 m ot exceeding	, including (g 20 cm in c	getting out t depth, includ	he excavate	ed soil, and dating each
		1	20.000				20.000	
			Ca	:2N	Tota	al Quantity	20.000 me	etre
			-//	То	tal Deducte	d Quantity	0.000 met	re
			63 9		Net Tota	al Quantity	20.000 me	etre
		(1)	Say 2	0.000 metre	@ Rs 423.3	36 / metre	Rs 84	467.20
15	od163512/2022_2023 Supply and wrapping		1mm Thickn	ess) materia	I for Under	Ground Pipe	es.	
		1	10.000		ST.		10.000	
			Hair	a and	Tota	al Quantity	10.000 me	etre
	(Other En	ngineeri	ng Orga	ital Deducte	d Quantity	0.000 met	re
		D			Net Tota	al Quantity	10.000 me	etre
						1		
			Say 1	0.000 metre	@ Rs 183.4	15 / metre	Rs 18	334.50
16	od163513/2022_2023 Supply, Installation, T Flanged Inlet, F br>Make:NewAg	Testing & Co Female Ir ge/Monsh	ommissionin nstantane	g of Single H	Headed Hyd	drant Valve	SS suitable	for 63 mn
16	Supply, Installation, T Flanged Inlet, F	Testing & Co Female In	ommissionin nstantane	g of Single H	Headed Hyd	drant Valve	SS suitable	for 63 mm
16	Supply, Installation, T Flanged Inlet, F	Testing & Co Female Ir ge/Monsh	ommissionin nstantane	g of Single H	Headed Hydet, comp	drant Valve	SS suitable Cap C	e for 63 mm hain etc
16	Supply, Installation, T Flanged Inlet, F	Testing & Co Female Ir ge/Monsh	ommissionin nstantane	g of Single H ous outle lent	Headed Hydet, comp	drant Valve Lete with	SS suitable Cap C	e for 63 mn hain etc
16	Supply, Installation, T Flanged Inlet, F	Testing & Co Female Ir ge/Monsh	ommissionin nstantane	g of Single H ous outle lent	Headed Hydet, comp Tota	drant Valve Lete with	SS suitable Cap C 2.000	for 63 mn hain etc h
16	Supply, Installation, T Flanged Inlet, F	Testing & Co Female Ir ge/Monsh	ommissionin n stantan e er/Equiva	g of Single H ous outle lent	Headed Hydet, comp Tota tal Deducte Net Tota	drant Valve Lete with al Quantity d Quantity al Quantity	2.000 eac 2.000 eac 2.000 eac	for 63 mn hain etc h
17	Supply, Installation, T Flanged Inlet, F	Festing & Co Female Inge/Monsh 2 2 Festing & Co of Superior f Iength	say mmissioning Quality Cott	g of Single Hous outle lent To 2.000 each of 63 mm don and Nylcomplete	Total Deducte Net Tota @ Rs 7986 lia RRL Hosen Jacket be	drant Valve Lete with al Quantity d Quantity al Quantity 26 / each e Tested to eaming Sea	SS suitable Cap C 2.000 2.000 eac 0.000 eac 2.000 eac Rs 15	hain etch hain etch h h h 972.52 Pressure o

	Total Quantity	4.000 each	
	Total Deducted Quantity	0.000 each	
	Net Total Quantity	4.000 each	
	Say 4.000 each @ Rs 6223.38 / each	Rs 24893.52	
18	od163515/2022_2023 Supply, Installation, Testing & Commissioning of SS branch Pipe with 63 mm femmale threaded outlet complete with hex. based quality. < br > Make: New Age/Monsher/Equivalent	nale instantaneous inle nozzle heavy	
	2	2.000	
	Total Quantity	2.000 each	
	Total Deducted Quantity	0.000 each	
	Net Total Quantity	2.000 each	
	Say 2.000 each @ Rs 2665.36 / each	Rs 5330.72	
19	od163516/2022_2023 Supply, Installation, Testing & Commissioning of Hose Reel Drum LPCB approlong Hose. long Hose. Supply installation, Testing & Commissioning of Hose Reel Drum LPCB approlong Hose.	ved, EN Standard 30n	
	2	2.000	
	Total Quantity	2.000 each	
	Total Deducted Quantity	0.000 each	
	Other Engineering Organisations Net Total Quantity	2.000 each	
	Say 2.000 each @ Rs 10003.20 / each	Rs 20006.40	
20	od163517/2022_2023 Supply, Installation, Testing & Commissioning of Hose E dr>Make:NewAge/Monsher/Equivalent	Box Double Doo	
	2	2.000	
	Total Quantity	2.000 each	
	Total Deducted Quantity	0.000 each	
	Net Total Quantity	2.000 each	
	Say 2.000 each @ Rs 7943.61 / each	Rs 15887.22	
21	od163518/2022_2023 Supply, Installation, Testing & Commissioning of 25mm Ball valve for Hy complete. br>Make:Zoloto/Intervalve/Equivalent	drant with fittings et	
	2	2.000	
	Total Quantity	2.000 each	
	Total Deducted Quantity	0.000 each	
	Net Total Quantity	2.000 each	

			Sa	y 2.000 each	n @ Rs 984	.96 / each	Rs 1	969.92			
22	od163519/2022_2023 Supplying, Installation, Te instantaneous inlets. stantaneous inlets.	-		•	•	t 3 Way Gur	nmetal with	63mm ma			
		1					1.000				
					Tot	al Quantity	1.000 ead	:h			
				To	tal Deducte	ed Quantity					
					Net Tot	al Quantity					
			Say ²	1.000 each @	® Rs 12161	.19 / each	Rs 12	2161.19			
	Supply, Installation, Testi operated type having question-Make:Zoloto/Interva	ality ru	bber seatin	g, disc with	required t	` ,					
	/	1	1	20/1	Tot	al Quantity	1.000 ead	 :h			
)	B	TOR	To	tal Deducte	•	0.000 ead				
	Net Total Quantity							1.000 each			
	Say 1.000 each @ Rs 6553.67 / each							Rs 6553.67			
24	od163521/2022_2023 Making of openings in structure core cutting machinery for including clearing of debri	the foll	wing sizes a	ng Organia / slabs / beaund making g	anisation am for pass good of the	ns age of pipes openings af	s / cables us ter passage	sing suitate of servic			
		3					3.000				
					Tot	al Quantity	3.000 ead	:h			
				To	tal Deducte	ed Quantity	0.000 ead	:h			
					Net Tot	al Quantity	3.000 ead	:h			
			Say	3.000 each	@ Rs 1198	.25 / each	Rs 3	594.75			
25	od163522/2022_2023 FIRE EXTINGUISHER 6kg capacity. br>Make: k			_	Commissior	ning of ABC	Type Fire E	xtinguishe			
		2					2.000				
			•	•	Tot	al Quantity	2.000 ead	h			
				Тс	tal Deducte	ed Quantity	0.000 ead	h			
					Net Tot	al Quantity	2.000 ead	:h			
			Sav	2.000 each	@ Re 5011	14 / each	Re 11	822.28			
			Ouy	2.000 Cacii	@ IN3 J311	. I + / Cuoii	1/2 1	OZZ.ZO			

	SIGNAGES br>Surprise Prolite/Autolite/Equ	uivalent							
		2						2.000	
			<u>'</u>	,	,	Tota	al Quantity	2.000 ea	ch
					Total	l Deducte	d Quantity	0.000 ea	ch
						Net Tota	al Quantity	2.000 ea	ch
				Say 2.000	each @	@ Rs 510.	16 / each	Rs 1	020.32
27	od163524/2022_20 Supply, Installation		ommission	ing of Fire I	Exit Sig	nage. <br< td=""><td>>Make: Pro</td><td>lite/Autolite</td><td>/Equivale</td></br<>	>Make: Pro	lite/Autolite	/Equivale
		2						2.000	
			/	(Re2)		Tota	l Quantity	2.000 ea	ch
			1	AND ST	Total	l Deducte	d Quantity	0.000 ea	ch
			133	683	40	Net Tota	l Quantity	2.000 ea	ch
				Say 2.000	each @	@ Rs 510.	16 / each	Rs 1	020.32
	Prolite/Autolite			011111113310	ning	of Fire	Cabillet	Torginage.	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	Prolite/Autolite			Ommissio	ning	or Fire	Cabillet	2.000	NI ZIVIC
	Prolite/Autolite	/Equivalent			27A		l Quantity		
	Prolite/Autolite	/Equivalent			rgar	nisaTote		2.000	ch
	Prolite/Autolite	/Equivalent			rgar	nisa Tota	al Quantity	2.000 2.000 ea	ch ch
	Prolite/Autolite	/Equivalent			rgar Total	I Deducted	al Quantity d Quantity	2.000 ea 0.000 ea 2.000 ea	ch ch
29	od163526/2022_20 Supply, Installa Prolite/Autolite/	Other F	Engine	ering C	Total each @	Deducted Net Tota Rs 510.	d Quantity d Quantity d Quantity 16 / each	2.000 ea 0.000 ea 2.000 ea Rs 1	ch ch ch
29	od163526/2022_20 Supply, Installa	Other F	Engine	ering C	Total each @	Deducted Net Tota Rs 510.	d Quantity d Quantity d Quantity 16 / each	2.000 ea 0.000 ea 2.000 ea Rs 1	ch ch ch
29	od163526/2022_20 Supply, Installa	Other F 023 Ition, Testin Equivalent	Engine	ering C	Total each @	Net Tota @ Rs 510.	d Quantity d Quantity d Quantity 16 / each	2.000 ea 0.000 ea 2.000 ea Rs 1	ch ch d020.32
29	od163526/2022_20 Supply, Installa	Other F 023 Ition, Testin Equivalent	Engine	ering C	Total each @	Net Tota © Rs 510. Fire Ext	d Quantity d Quantity d Quantity 16 / each inguisher	2.000 ea 0.000 ea 2.000 ea Rs 1 Signage	ch ch dozo.32
29	od163526/2022_20 Supply, Installa	Other F 023 Ition, Testin Equivalent	Engine	ering C	Total each @	Net Tota Rs 510. Fire Ext	d Quantity d Quantity d Quantity 16 / each inguisher	2.000 ea 0.000 ea 2.000 ea Rs 1 Signage 2.000 ea	ch ch doch doch ch
29	od163526/2022_20 Supply, Installa	Other F 023 Ition, Testin Equivalent	Engine	ering C	Total each (Net Tota Rs 510. Fire Ext Tota I Deducted Net Tota	al Quantity d Quantity 16 / each inguisher al Quantity d Quantity	2.000 ea 0.000 ea 2.000 ea 2.000 ea 0.000 ea 2.000 ea 2.000 ea 2.000 ea 2.000 ea	ch ch doch doch ch
29	od163526/2022_20 Supply, Installa Prolite/Autolite/ od163527/2022_20 Supply, Installation	Other F Other F Other F Oza Ition, Testin Equivalent 2 Oza n, Testing & C	Engine R	Say 2.000	Total each @	Tota Tota Tota Tota I Deducte Rs 510. Fire Ext Tota I Deducte Net Tota Rs 510.	al Quantity d Quantity 16 / each inguisher al Quantity d Quantity d Quantity 11 Quantity 11 Quantity	2.000 ea 0.000 ea 2.000 ea Rs 1 Signage 2.000 2.000 ea 0.000 ea 2.000 ea Rs 1	ch ch (020.32 Ma ch ch ch ch ch ch ch ch
	od163526/2022_20 Supply, Installa Prolite/Autolite/	Other F Other F Other F Oza Ition, Testin Equivalent 2 Oza n, Testing & C	Engine R	Say 2.000	Total each @	Tota Tota Tota Tota I Deducte Rs 510. Fire Ext Tota I Deducte Net Tota Rs 510.	al Quantity d Quantity 16 / each inguisher al Quantity d Quantity d Quantity 11 Quantity 11 Quantity	2.000 ea 0.000 ea 2.000 ea Rs 1 Signage 2.000 2.000 ea 0.000 ea 2.000 ea Rs 1	ch ch (020.32 Ma ch ch ch ch ch ch ch ch

				To	tal Deducte	d Quantity	0.000 eac	:h		
					Net Tota	al Quantity	2.000 eac	:h		
			Say	2.000 each	@ Rs 5330	.39 / each	ch Rs 10660.78			
31	od163528/2022_2023									
	Supply & Installation of I	Fire Escap	e Route Ma	p br>Size: A	\1					
		2					2.000			
	Total Quantity							h		
				To	tal Deducte	d Quantity	0.000 each			
	Net Total Quantity						2.000 each			
	Say 2.000 each @ Rs 9976.38 / each						Rs 19952.76			
	Provision for GST payments (in %) @						0.0%			
		A	Amount rese	erved for GS	Γ payments		0.00			
		1	34 9		Total		455921.00)		
		1 1		Lumpsum f	or round off		0.00			
		16	DE		3 583	Ž.	TOTAL R	455921.00		
						Rour	nded Total I	Rs 4,55,921		
		Rupe	es Four Lak	ch Fifty Five	Thousand N	line Hundre	d and Twen	ty One Only		

Other Engineering Organisations
(Cost Index Applied for this estimate is 33.9%)

Data Analysis

	FPS Works
1 Specification Code: od163498/2022_2023	

Supply, Installation, Testing & Commissioning of Fire Fighting Terrace Pump with od163498/202 cast iron casing and cast iron impeller to ensure a minimum pressure of 3.5 2_2023: kg/sq.cm. at highest and farthest outlet at a specified flow of 450 LPM with 35 meter head
br>Make:Kirloskar/Wilo/ Equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	set	1.00000	41522.5 0	41522.50
	Add Cartage@1.00	10			415.23
	total	M	11		41937.73
MR	4.1.3 "Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: br>1:2:4 (cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)" br>	cum Organ	0.10000 isations	6861.93	686.19
MR	5.9.1 "Centering and shuttering including strutting, etc. and removal of form for: br>Foundations, footings, bases of columns, etc for mass concrete"	sqm	0.50000	287.93	143.97
	T.	Tot	al Cost of	Materials	42767.89
1004	Fitter, Grade 1	Day	2.00000	673.00	1346.00
1087	Welder	Day	1.00000	673.00	673.00
1007	Khallasi	Day	1.00000	553.00	553.00
				TOTAL	45339.89
		ı	Add CPOH	l @ 15%	6800.98
			cost for o	one each	52141.0
		-		Say	52141.0

Cost index 33.9 %	1002.76
Total with Cost index	53143.76
Say	53143.76

2 Specification Code: od163499/2022_2023

od163499/202 Supply, Installation, Testing & Commissioning of Automatic Motor Control Panel 2_2023: with necessary Starters for 450 LPM Fire Terrace Pump.

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	18500.0 0	18500.00	
	Add Cartage@1.00		188		185.00	
	total				18685.00	
	The State of the S	То	tal Cost of	Materials	18685.0	
1001	Wireman Other Engineering	Opayan	2.00000	673.00	1346.00	
1007	Khallasi	Day	1.50000	553.00	829.50	
				TOTAL	20860.5	
			Add CPOH	H @ 15%	3129.07	
			cost for	one each	23990.0	
	Say					
	848.18					
Total with Cost index					24838.18	
				Say	24838.18	

3 Specification Code: od163500/2022_2023

od163500/202 Supply, Installation, Testing & Commissioning of Pressure Guage of 100mm \emptyset , 0 2_2023: - 200 psi as per requirement.

sbr>Make: Baumer /H-Guru/Equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	900.00	900.00
	Add Cartage@1.00				9.00
	total				909.00
		Tot	tal Cost of	Materials	909.0
1004	Fitter, Grade 1	Day	0.20000	673.00	134.60
1087	Welder	Day	0.10000	673.00	67.30
1007	Khallasi	Day	0.02000	553.00	11.06
	JAGO	1		TOTAL	1121.96
		150	Add CPOH	H @ 15%	168.29
		MI	cost for o	one each	1290.0
	1290.0				
Cost index 33.9 %					83.06
Total with Cost index					1373.06
	1373.06				

4 Specification Code: od163501/2022_2023

od163501/202 Supply, Installation, Testing & Commissioning of Pressure Switch as per 2_2023: requirement.

sylvation in the commissioning of Pressure Switch as per 2_2023: requirement.

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	1450.00	1450.00
	Add Cartage@1.00				14.50
	total				1464.50
		Tot	al Cost of	Materials	1464.5
1004	Fitter, Grade 1	Day	0.25000	673.00	168.25
1087	Welder	Day	0.10000	673.00	67.30

1007	Khallasi	Day	0.02000	553.00		11.06
	TOTAL	1711.11				
		1	Add CPOH	l @ 15%	256.67	
cost for one each						
Say						
Cost index 33.9 %						
Total with Cost index						
Say						

5 Specification Code: od163502/2022_2023

Supply, Installation, Testing & Commissioning of CI Butterfly Valve (PN 16) Slim od163502/202 Seal Standard Lever operated type having quality rubber seating, disc with 2_2023: required flanges, nuts, bolts etc complete. <a href="https://doi.org/10.2016/ntervalve/Equivalent disc with a set of the seating of CI Butterfly Valve (PN 16) Slim od163502/202 Seal Standard Lever operated type having quality rubber seating, disc with a set of the seating of CI Butterfly Valve (PN 16) Slim od163502/202 Seal Standard Lever operated type having quality rubber seating, disc with a set of the seating of CI Butterfly Valve (PN 16) Slim od163502/202 Seal Standard Lever operated type having quality rubber seating, disc with a set of the seating of CI Butterfly Valve (PN 16) Slim od163502/202 Seal Standard Lever operated type having quality rubber seating, disc with a set of the seating of CI Butterfly Valve (PN 16) Slim od163502/202 Seal Standard Lever operated type having quality rubber seating, disc with a set of the seating of the seat

Other Engineering Organisations

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	4423.40	4423.40
	Add Cartage@1.00				44.23
	total				4467.63
		To	tal Cost of	Materials	4467.63
1004	Fitter, Grade 1	Day	0.50000	673.00	336.50
1087	Welder	Day	0.25000	673.00	168.25
1007	Khallasi	Day	0.75000	553.00	414.75
				TOTAL	5387.13
		ı	Add CPOH	H @ 15%	808.07
	6195.0				
Say					6195.0
		С	ost index	33.9 %	358.32

Total with	n Cost index	6553.32
	Say	6553.32

6 Specification Code: od163503/2022_2023

od163503/202 2_2023: Supply, Installation, Testing & Commissioning of Check Valve (Non-Return Valve)
-Wafer type with required flanges, Nuts, Bolts and Gaskets etc.complete.
-br>Make:Zoloto/Intervalve/Equivalent<-br>100 mm dia

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	6148.90	6148.90	
	Add Cartage@1.00	M	11		61.49	
	total	201	188		6210.39	
	744744	To	tal Cost of	Materials	6210.39	
1004	Fitter, Grade 1	Day	0.50000	673.00	336.50	
1087	Welder Other Engineering	Opayan	0.23000	673.00	154.79	
1007	Khallasi	Day	0.73000	553.00	403.69	
				TOTAL	7105.37	
		ı	Add CPOH	H @ 15%	1065.81	
			cost for o	one each	8171.0	
	8171.0					
	348.83					
Total with Cost index					8519.83	
	Say					

7 Specification Code: od163504/2022_2023

od163504/202 Supply, Installation, Testing & Commissioning of Y-Strainer with required Flanges, 2_2023: Nuts, Bolts and Gaskets etc.complete.

Make:Zoloto/Intervalve/Equivalent
>100 mm dia

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	9552.30	9552.30
	Add Cartage@1.00				95.52
	total				9647.82
		Tot	tal Cost of	Materials	9647.82
1004	Fitter, Grade 1	Day	0.50000	673.00	336.50
1087	Welder	Day	0.20000	673.00	134.60
1007	Khallasi	Day	0.71000	553.00	392.63
		M	1)	TOTAL	10511.55
		KAT	Add CPOH	H @ 15%	1576.73
	1011500		cost for o	one each	12088.0
	12088.0				
Other Engineering Orga Cost indexs 33.9 %					336.63
Total with Cost index					12424.63
Say					12424.63

8 Specification Code: od163505/2022_2023

od163505/202
2_2023:
Supply, Installation, Testing & Commissioning of brass air release valve, 25mm dia with necessary coupling to be fitted on top of the riser. br>Make:Zoloto/Intervalve/Equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	1250.00	1250.00
	Add Cartage@1.00				12.50
	total				1262.50
Total Cost of Materials					1262.5

1004	Fitter, Grade 1	Day	0.25000	673.00	168.25
1087	Welder	Day	0.10000	673.00	67.30
1007	Khallasi	Day	0.01000	553.00	5.53

TOTAL	1503.58
Add CPOH @ 15%	225.54
cost for one each	1729.0
Say	1729.0
Cost index 33.9 %	93.90
Total with Cost index	1822.90
Say	1822.90

9 Specification Code: od163506/2022_2023

od163506/202 Supply, Installation, Testing & Commissioning of ball valve with fittings etc 2_2023: complete.
dr>Make:Zoloto/Intervalve/Equivalent
dr>25mm dia

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	730.15	730.15
	Add Cartage@1.00				7.30
	total				737.45
		Tot	tal Cost of	Materials	737.45
MR	9988-Sundries including carriage	Day	10.7900	2.68	28.92
1087	Welder	Day	0.10000	673.00	67.30
				TOTAL	833.67
		,	Add CPOH	H @ 15%	125.05
	959.0				
	959.0				
		С	ost index	33.9 %	26.44

Total with Cost index	985.44
Say	985.44

10 Specification Code: od163507/2022_2023

od163507/202 Supply, Installation, Testing & Commissioning of ball valve with fittings etc 2_2023: complete.

br>Make:Zoloto/Intervalve/Equivalent

total valve with fittings etc

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	340.85	340.85
	Add Cartage@1.00	30			3.41
	total	1/2/1	16		344.26
		To	tal Cost of	Materials	344.26
MR	9988-Sundries including carriage	Day	10.7900	2.68	28.92
1087	Welder Other Engineering	Opayan	0.10000	673.00	67.30
	DDI			TOTAL	440.48
			Add CPOF	H @ 15%	66.07
			cost for o	one each	507.0
	507.0				
Cost index 33.9 %					26.44
Total with Cost index					533.44
	533.44				

11 Specification Code: od163508/2022_2023

od163508/202 2 2023 :

Supply and Laying of 'MS' C class pipe for hydrant system with necessary fittings. The pipe shall be coated with oil primer and 2 coats of final red paint.

br>Make: Tata/Jindal/Equivalent

br>100mm dia

Code	Description	Unit	Quantity	Rate	Amount
	Cost of 10 Metres				
MR	Basic Cost	metre	10.5000	1425.00	14962.50
	Add for necessary brackets, supports, saddles, clamps, hange rs, vibration-isolators and fittings such as bends, tees etc. @25.00				3740.63
	total				18703.13
MR	Cartage Charge	L.S	1.00000	187.03	187.03
	-63 40	То	tal Cost of	Materials	18890.16
1004	Fitter, Grade 1	Day	2.50000	673.00	1682.50
1087	Welder	Day	0.75000	673.00	504.75
1006	Painter	Day	0.25000	612.00	153.00
1007	Khallasi	Day	3.25000	553.00	1797.25
	Other Engineering	g Organ	isations	TOTAL	23027.66
	DDI		Add CPOH	H @ 15%	3454.15
			cost for 10	0.0 metre	26481.81
cost for one metre					2648.0
Say					2648.0
Cost index 33.9 %					161.36
Total with Cost index					2809.36
Say					2809.36

12 Specification Code: od163509/2022_2023

2 2023:

od163509/202 Supply and Laying of 'MS' C class pipe for hydrant system with necessary fittings. The pipe shall be coated with oil primer and 2 coats of final red paint.
Make: Tata/Jindal/Equivalent
80mm dia

Code	Description	Unit	Quantity	Rate	Amount
	Cost of 10 Metres				
MR	Basic Cost	metre	10.5000 0	980.00	10290.00
	Add for necessary brackets, supports, saddles, clamps, hange rs, vibration-isolators and fittings such as bends, tees etc. @ 25.00				2572.50
	total				12862.50
MR	Cartage Charge	L.S	1.00000	128.63	128.63
	-63 40	То	tal Cost of	Materials	12991.13
1004	Fitter, Grade 1	Day	2.00000	673.00	1346.00
1087	Welder	Day	0.50000	673.00	336.50
1006	Painter	Day	0.25000	612.00	153.00
1007	Khallasi	Day	2.75000	553.00	1520.75
	Other Engineering	g Organ	isations	TOTAL	. 16347.38
	DDI		Add CPOH	H @ 15%	2452.11
			cost for 10	0.0 metre	18799.49
cost for one metre					1880.0
Say					1880.0
Cost index 33.9 %					130.85
Total with Cost index					2010.85
	2010.85				

13 Specification Code: od163510/2022_2023

2 2023:

od163510/202 Supply and Laying of 'MS' C class pipe for hydrant system with necessary fittings. The pipe shall be coated with oil primer and 2 coats of final red paint.
Make: Tata/Jindal/Equivalent
25mm dia

Code	Description	Unit	Quantity	Rate	Amount	
	Cost of 10 Metres					
MR	Basic Cost	metre	10.5000	308.00	3234.00	
	Add for necessary brackets, supports, saddles, clamps, hange rs, vibration-isolators and fittings such as bends, tees etc. @ 25.00				808.50	
	total				4042.50	
MR	Cartage Charge	L.S	1.00000	40.43	40.43	
Total Cost of Materials					4082.93	
1004	Fitter, Grade 1	Day	1.25000	673.00	841.25	
1087	Welder	Day	0.25000	673.00	168.25	
1006	Painter	Day	0.25000	612.00	153.00	
1007	Khallasi	Day	1.75000	553.00	967.75	
	Other Engineering	g Organ	isations	TOTAL	. 6213.18	
	DDI		Add CPOH	H @ 15%	931.98	
	7145.16					
	715.0					
	715.0					
	83.06					
	798.06					
	Say					

14 Specification Code: od163511/2022_2023

Excavating trenches of required width for pipes, cables, etc including excavation od163511/202 for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, 2_2023: including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer

by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :100mm dia

Code	Description	Unit	Quantity	Rate	Amount
MR	2.8.1 Rate as per item no. 2.8.1 of SH: Earth work	cum	84.8900	254.99	21646.10
MR	2.25 Rate as per Item Number 2.25 of SH: Earth Work	cum	84.8900	222.04	18848.98
TOTAL					40495.08
Add CPOH @ 15%					6074.26
cost for 110.0 metre					46569.34
		M	cost for	one metre	423.0
Say					423.0
Cost index 33.9 %					.00
Total with Cost index					423.00
Other Engineering Organisations Say					423.00

15 Specification Code: od163512/2022_2023

od163512/202 Supply and wrapping with Tarfelt (1mm Thickness) material for Under Ground 2_2023: Pipes.

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	metre	1.00000	95.00	95.00
	Add Cartage@1.00				0.95
	total				95.95
		Tot	tal Cost of	Materials	95.95
1004	Fitter, Grade 1	Day	0.05000	673.00	33.65
1007	Khallasi	Day	0.02500	553.00	13.83
TOTAL					143.43

Add CPOH @ 15%	21.51
cost for one metre	165.0
Say	165.0

Cost index 33.9 %	18.64
Total with Cost index	183.65
Say	183.65

16 Specification Code: od163513/2022_2023

2_2023:

od163513/202 Supply, Installation, Testing & Commissioning of Single Headed Hydrant Valve SS suitable for 63 mm Flanged Inlet, Female Instantaneous outlet, complete with Cap Chain etc,

br>Make:NewAge/Monsher/Equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	5970.80	5970.80	
	Add Cartage@1.00ther Engineering	Organ	isations		59.71	
	total				6030.51	
	Total Cost of Materials					
1004	Fitter, Grade 1	Day	0.35000	673.00	235.55	
1087	Welder	Day	0.50000	673.00	336.50	
1007	Khallasi	Day	0.20000	553.00	110.60	
				TOTAL	6713.16	
		ŀ	Add CPOF	H @ 15%	1006.97	
			cost for o	one each	7720.0	
	7720.0					
Cost index 33.9 %					266.12	
Total with Cost index					7986.12	
	7986.12					

17 Specification Code: od163514/2022 2023

Supply, Installation, Testing & Commissioning of 63 mm dia RRL Hose Tested to od163514/202 a Bursting Pressure of 32 Kg / sq.cm made of Superior Quality Cotton and Nylon 2_2023: Jacket beaming Seamless Woven and Rot Proofed each of length 15 mtrs. complete with heavy quality SS coupling.

br>Make:NewAge/Monsher/Equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	4692.00	4692.00	
	Add Cartage@1.00	1			46.92	
	total	150			4738.92	
		То	tal Cost of	Materials	4738.92	
1004	Fitter, Grade 1	Day	0.50000	673.00	336.50	
1007	Khallasi	Day	0.30000	553.00	165.90	
	Paris I	21.PZ/		TOTAL	. 5241.32	
	Other Engineering	g Organ	Add CPOP	e 15%	786.20	
	DDI		cost for	one each	6028.0	
	6028.0					
	195.94					
Total with Cost index					6223.94	
	Say					

18 Specification Code: od163515/2022_2023

2 2023:

Supply, Installation, Testing & Commissioning of SS branch Pipe with 63 mm od163515/202 , . . . female instantaneous inlet, male threaded outlet complete with hex. based nozzle heavy quality.
dr>Make:NewAge/Monsher/Equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	2043.00	2043.00

		I			1	
	Add Cartage@1.00				20.43	
	total				2063.43	
	Total Cost of Materials					
1004	Fitter, Grade 1	Day	0.20000	673.00	134.60	
1007	Khallasi	Day	0.10000	553.00	55.30	

TOTAL	2253.33
Add CPOH @ 15%	338.00
cost for one each	2591.0
Say	2591.0
Cost index 33.9 %	73.90
Total with Cost index	2664.90
Say	2664.90

19 Specification Code: od163516/2022_2023

Other Engineering Organisations

od163516/202 Supply, Installation, Testing & Commissioning of Hose Reel Drum LPCB 2_2023: approved, EN Standard 30m long Hose. <a href="https://example.com/standard/broad-nam

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	8096.00	8096.00
	Add Cartage@1.00				80.96
	total				8176.96
		Tot	al Cost of	Materials	8176.96
1004	Fitter, Grade 1	Day	0.25000	673.00	168.25
1007	Khallasi	Day	0.40000	553.00	221.20
	8566.41				
Add CPOH @ 15%					1284.96
	9851.0				

Say	9851.0
Cost index 33.9 %	151.53
Total with Cost index	10002.53
Say	10002.53

20 Specification Code: od163517/2022_2023

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	6624.00	6624.00
	Add Cartage@1.00		LILL		66.24
	total				6690.24
	Roba 1		tal Cost of	Materials	6690.24
1004	Fitter, Grade 1 Other Engineering	Orgar Day	0.20000	673.00	134.60
1007	Khallasi	Day	0.05000	553.00	27.65
				TOTAL	6852.49
			Add CPOH	H @ 15%	1027.87
			cost for	one each	7880.0
	7880.0				
	63.05				
	7943.05				
	7943.05				

21 Specification Code: od163518/2022_2023

od163518/202 Supply, Installation, Testing & Commissioning of 25mm Ball valve for Hydrant with 2_2023: fittings etc complete.
br>Make:Zoloto/Intervalve/Equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	730.15	730.15
	Add Cartage@1.00				7.30
	total				737.45
MR	9988 Sundries including carriage	Day	10.7900	2.68	28.92
		Tot	tal Cost of	Materials	766.37
1087	Welder	Day	0.10000	673.00	67.30
	Jan Jan	1		TOTAL	833.67
		13	Add CPOF	H @ 15%	125.05
		M	cost for o	one each	959.0
	959.0				
Cost index 33.9 %					26.44
Total with Cost index					985.44
Other Engineering Organisations Say					985.44

22 Specification Code: od163519/2022_2023

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	9476.00	9476.00
	Add Cartage@1.00				94.76
	total				9570.76
	9570.76				
1004	Fitter, Grade 1	Day	0.80000	673.00	538.40
1087	Welder	Day	0.15000	673.00	100.95

1007	Khallasi	Day	0.20000	553.00	110.60		
	10320.71						
		,	Add CPOH	I @ 15%	1548.11		
	11869.0						
	11869.0						
	292.56						
	12161.56						
	12161.56						

23 Specification Code: od163520/2022_2023

Supply, Installation, Testing & Commissioning of CI Butterfly Valve (PN 16) Slim od163520/202 Seal Standard Lever operated type having quality rubber seating, disc with 2_2023: required flanges, nuts, bolts etc complete. <a href="https://doi.org/10.2016/ntervalve/Equivalent disc with 2_2023: required flanges, nuts, bolts etc complete. <a href="https://doi.org/10.2016/ntervalve/Equivalent disc with 2_2023: required flanges, nuts, bolts etc complete.

Other Engineering Organisations

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	4423.40	4423.40
	Add Cartage@1.00				44.23
	total				4467.63
		Tot	tal Cost of	Materials	4467.63
1004	Fitter, Grade 1	Day	0.50000	673.00	336.50
1087	Welder	Day	0.25000	673.00	168.25
1007	Khallasi	Day	0.75000	553.00	414.75
				TOTAL	5387.13
		,	Add CPOH	H @ 15%	808.07
			cost for o	one each	6195.0
	6195.0				
		С	ost index	33.9 %	358.32

Total with Cost in	dex	6553.32
	Say	6553.32

24 Specification Code: od163521/2022_2023

Making of openings in structural (RCC) walls / slabs / beam for passage of pipes od163521/202 / cables using suitable core cutting machinery for the follwing sizes and making 2_2023: good of the openings after passage of services including clearing of debris

br>100mm

Code	Description	Unit	Quantity	Rate	Amount
MR	Chemical Charges	kg	0.60000	21.00	12.60
MR	9999-Machine Hire charges	L.S	100.000	2.68	268.00
		Tot	tal Cost of	Materials	280.6
MR	0116 Fitter (grade 1)	Day	0.30000	988.18	296.45
MR	0117 Assistant Fitter or 2nd class Fitter	Day	0.50000	909.18	454.59
	PRI	(H	TOTAL	1031.64
		Add Wa	ter Charge	es @ 1%	10.32
		,	Add CPOH	H @ 15%	156.29
			cost for o	one each	1198.0
	1198.0				
Cost index 33.9 %					.00
Total with Cost index					1198.00
Say					1198.00

25 Specification Code: od163522/2022_2023

od163522/202 FIRE EXTINGUISHER

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply, Installation, Testing & Commissioning of ABC 2_2023: Type Fire Extinguishers 6kg capacity.

supply s

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	5000.00	5000.00	
	Add Cartage@1.00				50.00	
	total				5050.00	
		Tot	tal Cost of	Materials	5050.0	
1004	Fitter, Grade 1	Day	0.10000	673.00	67.30	
				TOTAL	5117.3	
	0.6	,	Add CPOH	H @ 15%	767.60	
		1	cost for o	one each	5885.0	
	- 53 40	140		Say	5885.0	
	26.10					
	5911.10					
	Say					

26 Specification Code: od163523/2022_2023 Organisations

od163523/202 SIGNAGES

Supply, Installation, Testing & Commissioning of Floor 2_2023: Identification Signage.

Brown Autolite/Equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	350.00		350.00
	Add Cartage@1.00					3.50
	total					353.50
	Total Cost of Materials				353.5	
1004	Fitter, Grade 1	Day	0.10000	673.00		67.30
	TOTAL					
Add CPOH @ 15%					63.12	
cost for one each				484.0		

Say	484.0
Cost index 33.9 %	26.10
Total with Cost index	510.10
Say	510.10

27 Specification Code: od163524/2022_2023

od163524/202 Supply, Installation, Testing & Commissioning of Fire Exit Signage.

2_2023: Prolite/Autolite/Equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	350.00		350.00
	Add Cartage@1.00	学们	EDL			3.50
	total					353.50
	District Control of the Control of t	To	tal Cost of	Materials		353.5
1004	Fitter, Grade 1 Other Engineering	Orgar Day	0.10000	673.00		67.30
	TOTAL					
	Add CPOH @ 15%					
			cost for	one each	484.0	
	Say					
Cost index 33.9 %					26.10	
Total with Cost index					510.10	
	Say					

28 Specification Code: od163525/2022_2023

od163525/202 Supply, Installation, Testing & Commissioning of Fire Cabinet Signage.

vbr>Make: 2_2023: Prolite/Autolite/Equivalent

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	350.00		350.00
	Add Cartage@1.00					3.50
	total					353.50
		To	tal Cost of	Materials		353.5
1004	Fitter, Grade 1	Day	0.10000	673.00	_	67.30
	TOTAL					
	0.0	,	Add CPOH	H @ 15%	63.12	
	cost for one each				484.0	
	Say				484.0	
		С	ost index	33.9 %	26.10	
	1 A Dise	To	otal with C	ost index	510.10	
	Say				510.10	

29 Specification Code: od163526/2022_2023 Urganisations

od163526/202 Supply, Installation, Testing & Commissioning of Fire Extinguisher 2_2023: Signage.

Signage.

Zignage.

Code	Description	Unit	Quantity	Rate	Amount	
MR	Basic Cost	each	1.00000	350.00		350.00
	Add Cartage@1.00					3.50
	total					353.50
Total Cost of Materials					353.5	
1004	Fitter, Grade 1	Day	0.10000	673.00		67.30
TOTAL					420.8	
Add CPOH @ 15%					63.12	
cost for one each				484.0		

Say	484.0
Cost index 33.9 %	26.10
Total with Cost index	510.10
Say	510.10

30 Specification Code: od163527/2022_2023

od163527/202 Supply, Installation, Testing & Commissioning of Exit Light (Double Sided) with 2_2023: Battery Backup
br>Make: Prolite/Autolite/Equivalent

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	4500.00	4500.00
	Add Cartage@1.00	公山	EDL		45.00
	total				4545.00
	No. de de la constante de la c	To	otal Cost of	Materials	4545.0
1004	Fitter, Grade 1 Other Engineering	Organ Day	0.10000	673.00	67.30
	PRI			TOTAL	4612.3
	1 1/ 1		Add CPOH	H @ 15%	691.85
	cost for one each 5304.0				
	Say 5304.0				
		(Cost index	33.9 %	26.10
Total with Cost index				5330.10	
				Say	5330.10

31 Specification Code: od163528/2022_2023

od163528/202

Supply & Installation of Fire Escape Route Map

Supply & Installation of Fire Escape Route Map

Size: A1

Code	Description	Unit	Quantity	Rate	Amount
MR	Basic Cost	each	1.00000	8500.00	8500.00
	Add Cartage@1.00				85.00
	total				8585.00
		To	tal Cost of	Materials	8585.0
1004	Fitter, Grade 1	Day	0.10000	673.00	67.30
				TOTAL	8652.3
	0.6	, ,	Add CPOH	H @ 15%	1297.84
		1	cost for o	one each	9950.0
	-53 40	150		Say	9950.0
		С	ost index	33.9 %	26.10
	1 AT DISE	To	otal with C	ost index	9976.10
				Say	9976.10

Other Engineering Organisations
PRICE

CONSTRUCTION OF CARE HOME AT KANNUR

General Abstract

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

SI No	Heading Description	Amount		
1	Interior works	1011407.03		
	Provision for GST payments (in %) @	0.0%		
	0.00			
Total		1011407.00		
Lumpsum for round off 0.00		0.00		
TOTAL Rs 1011407.00				
Rounded Total Rs 10,11,407				
Rupees Ten Lakh Eleven Thousand Four Hundred and Seven Only				

(Cost Index Applied for this estimate is 33.9%)

Note: Rate adopted are exclusive of Contractors Profit.

Other Engineering Organisations
PRICE

CONSTRUCTION OF CARE HOME AT KANNUR

Abstract Estimate

1 Interior works

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

1	Cement board partition (Modified 9.105.1) br>Providing and fixing partition up to ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section					
	power pressed/ roll form G.I. sheet with Zinc coating of 120 gms/ (both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's					
	specification and direction of engineer in charge all complete.68 mm of thick heavy duty fiber cement board					
	Other Engineering Net Total Quantity Say 92.706 sqm @ Rs 3011.38 / sqm	92.706 sqm Rs 279172.99				
2	od161365/2022_2023 Flush Door: Flush Providing and fixing 35 mm thick Masonite skin do find the finished with imported seasoned southern yellow pinewood of filled with solid particle board. Shutter to be finished with wooden text painting. Including cost and conveyance of all material and labour conveyance.	r finger jointed pinewood and core				
	Net Total Quantity	102.060 sqm				
	Say 102.060 sqm @ Rs 2800.52 / sqm	Rs 285821.07				
3						
	Net Total Quantity	216.000 no				
	Say 216.000 no @ Rs 517.88 / no	Rs 111862.08				
4	od161386/2022_2023 SS tower bolts: Providing and fixing bright finished SS tower bolts 6" (barrel type) (model no:911.81.576, make:Hafele/Equivalent)with necessary screws etc. complete: OD (9.74.3 modified)					
	Net Total Quantity	108.000 no				
	Say 108.000 no @ Rs 656.41 / no	Rs 70892.28				
printed on	24-08-2022 17:28:07	nage 1				

5	od161776/2022_2023					
	Providing and fixing mortice latch and lock with a pair of lever han handles set lock body 2c ,make:Godrej/Equivalent)of approved q complete.(OD 9.76 Modified)	•				
	Net Total Quantity	54.000 each				
	Say 54.000 each @ Rs 2281.67 / each	Rs 123210.18				
6	6 10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including weld and bolted with special shaped washers etc. complete. Hot finished welded type tubes					
	Net Total Quantity	378.610 kg				
	Say 378.610 kg @ Rs 155.83 / kg	Rs 58998.80				
7	13.80 Providing and applying white cement based putty of average thicknown manufacturer, over the plastered wall surface to prepare the surface	···				
	Net Total Quantity	185.406 sqm				
	Say 185.406 sqm @ Rs 125.10 / sqm	Rs 23194.29				
8	13.60.1 Wall painting with acrylic emulsion paint of approved brand and manuor more coats on new work Other Engineering Net Total Quantity	-				
9	Say 185.406 sqm @ Rs 139.75 / sqm 13.61.1 Painting with synthetic enamel paint of approved brand and manufactmore coats on new work	Rs 25910.49 ture to give an even shade:Two or				
	Net Total Quantity	244.944 sqm				
	Say 244.944 sqm @ Rs 132.05 / sqm	Rs 32344.86				
	Provision for GST payments (in %) @	0.0%				
	Amount reserved for GST payments	0.00				
	Total 1011407.00					
	Lumpsum for round off 0.00					
	TOTAL Rs 1011407.00					
		Rounded Total Rs 10,11,407				
	Rupees Ten Lakh Eleven Thousand Four Hundred and Seven Only					

(Cost Index Applied for this estimate is 33.9%)

Note: Rate adopted are exclusive of Contractors Profit.



CONSTRUCTION OF CARE HOME AT KANNUR

Detailed Estimate

В

D

CF

Quantity

Remark

(Dsor year: 2018, Cost Index Applied for this estimate is 33.9%)

Description

No

SI No

		No	L	В	D	CF	Quantity	Remark
			1 Interio	or works				
1	od161297/2022_2023 Cement board partition of G.I. frame and requipower pressed/ roll for and ceiling channel 50 ceiling at the spacing or suitable anchor fast of 34 mm and other flood channel and placed at of studs along both en nylon plugs at spacing mm long dry wall screen the boards are to be channel of 99 mm whorizontal joints of two and finishing to a flush (25 mm x 25 mm x0.5 specification and direct thick heavy duty fiber	n (Modified Suired board, rm G.I. sheet) mm wide hof 610 mm of ener or metal ange 36 mm as a spacing of 450 mm ws on stude fixed to the idth (0.9 mm boards, fixed to finish with remm), joint fixed of engin	including port with Zinc caving equal sentre to centre to centre and 0.50 roof 610 mm confixed flush centre to centre work on thick have the centre and the centre and the centre to centre to the sture of the sture commended in the centre to charge	Providing and coviding of 12 flanges of 3 tre with das h nylon plughm thick fix entre to cend to wall with ntre, and fix eiling chann with joints sing two flands using medical jointing cowo coats of e all complete to the complete that the complet	d fixing of fra 0 gms/ (both 2 mm and 0 h fastener of gs and the standard ed vertically tre by 6 mm in suitable and sing of board hels at the spatial staggered to neges of 9.5 etal to metal primer suita	ame work man side inclusing .50 mm thick for 12.5 mm did uds 48 mm vorwithin flang dia bolts and the chor fastened so avoid through mm each) to flat head scring tape, a ble for board verall thickness.	ade of spe ve), consists, fixed to the a meter 50 vide having es of floor d nuts, includer or metal se le of frame of mm centre gh cracks, to be provents ews, include angle beads	cial section ting of floor and length one flang and ceiling ding fixing screws with work by 2 to centre M.S. fixing ided at the ding jointing at corner anufacture'
	thick fleavy duty fiber-	cement boar		Ground Floo		7		
	Block 1 -Bedroom	3	1.600		1.800	1,	0.040	
		_					8.640	
		1	1.500		1.800		2.700	
	Living							
		1	1.500		1.800		2.700	
	Living	1 4	1.500		1.800		2.700 9.241	
	Living	1 4 3	1.500 1.100 1.600		1.800 2.100 1.800		2.700 9.241 8.640	
	Living Block 2 -Bedroom	1 4 3 1	1.500 1.100 1.600 1.500	First Floor	1.800 2.100 1.800 1.800		2.700 9.241 8.640 2.700	
	Living Block 2 -Bedroom	1 4 3 1	1.500 1.100 1.600 1.500	First Floor	1.800 2.100 1.800 1.800		2.700 9.241 8.640 2.700	
	Living Block 2 -Bedroom Living	1 4 3 1 4	1.500 1.100 1.600 1.500 1.100	First Floor	1.800 2.100 1.800 1.800 2.100		2.700 9.241 8.640 2.700 9.241	
	Living Block 2 -Bedroom Living	1 4 3 1 4	1.500 1.100 1.600 1.500 1.100	First Floor	1.800 2.100 1.800 1.800 2.100		2.700 9.241 8.640 2.700 9.241 8.640	
	Living Block 2 -Bedroom Living Block 1 -Bedroom	1 4 3 1 4	1.500 1.100 1.600 1.500 1.600 1.500	First Floor	1.800 2.100 1.800 1.800 2.100 1.800		2.700 9.241 8.640 2.700 9.241 8.640 2.700	
	Living Block 2 -Bedroom Living Block 1 -Bedroom Living	1 4 3 1 4	1.500 1.100 1.600 1.500 1.100 1.500 1.100	First Floor	1.800 2.100 1.800 1.800 2.100 1.800 2.100		2.700 9.241 8.640 2.700 9.241 8.640 2.700 9.241	
	Living Block 2 -Bedroom Living Block 1 -Bedroom Living	1 4 3 1 4 3 1 4 3	1.500 1.100 1.600 1.500 1.100 1.600 1.600	First Floor	1.800 2.100 1.800 1.800 2.100 1.800 2.100 1.800		2.700 9.241 8.640 2.700 9.241 8.640 2.700 9.241 8.640	

	Living	2	1.100	2.100		4.621				
				Tot	al Quantity	92.706 sq	m			
				Total Deducte	d Quantity	0.000 sqm	1			
				Net Tot	al Quantity	92.706 sq	m			
			Say 92	.706 sqm @ Rs 301	1.38 / sqm	Rs 279	172.99			
2	od161365/2022_2023 Flush Door: frame finished with imported seasoned southern yellow pinewood or finger jointed pinewood and cord filled with solid particle board. Shutter to be finished with wooden texture primer suitable for staining of painting. Including cost and conveyance of all material and labour charges etc. Ground Floor									
			Gro	ound Floor		T				
	Block 1	12	0.900	2.100		22.680				
	Block 2	12	0.900	2.100		22.680				
		-61	Fi	irst Floor	T	T				
	Block 1	12	0.900	2.100		22.680				
	Block 2	12	0.900	2.100	L	22.680				
	Block 3	6	0.900	2.100		11.340				
		102.060 s	qm							
		ed Quantity	0.000 sqm							
	Other Engineering OrTotal Deducted Quantity 0.000 sqm Net Total Quantity 102.060 sqm									
			Say 102	.060 sqm @ Rs 2800).52 / sqm	Rs 285	5821.07			
3	od161380/2022_2023 Providing and fixing stainless steel ball bearing butt hinges SS304,SSS,4"X3"X3MM (mod-no:926.32.160) (make:Hafele/Equivalent) with stainless steel screws etc. complete OD (9.70.1 modified									
			Gro	ound Floor						
	Block 1	48				48.000				
	Block 2	48				48.000				
			Fi	irst Floor			1			
	Block 1	48				48.000				
	Block 2	48				48.000				
	Block 3	24				24.000				
				Tot	al Quantity	216.000 n	0			
	Total Deducted Quantity									
	Net Total Quantity									
				Net Tot	al Quantity	216.000 n	0			

	od161386/2022_2023 SS tower bolts: Provi make:Hafele/Equivale	ding and fixin	-				•	911.81.57
	Ground Floor							
	Block 1	24					24.000	
	Block 2	24					24.000	
		·		First Floor				
	Block 1	24					24.000	
	Block 2	24					24.000	
	Block 3	12					12.000	
			100	- M	Tota	al Quantity	108.000 n	0
				To	otal Deducte	d Quantity	0.000 no	
	Net Total Quantity					108.000 n	0	
	Say 108.000 no @ Rs 656.41 / no					56.41 / no	Rs 70	892.28
	Providing and fixing handles set lock bo complete.(OD 9.76	dy 2c ,make:		uivalent)of	approved q			
	handles set lock bo complete.(OD 9.76	dy 2c ,make:		on of 1	approved q			
	handles set lock bo complete.(OD 9.76	dy 2c ,make: Modified) ther Er		on of 1	approved q	uality with	12.000	
	handles set lock bo complete.(OD 9.76	dy 2c ,make: Modified) ther Er		Ground Floo	approved q	uality with	12.000	
	handles set lock bo complete.(OD 9.76 Block 1 Block 2	dy 2c ,make: Modified) ther Er 12 12		Ground Floo	approved q	uality with	12.000 12.000	
	handles set lock bo complete.(OD 9.76 Block 1 Block 2	dy 2c ,make: Modified) ther En 12 12 12		Ground Floo	approved q	uality with	12.000 12.000	
	handles set lock bo complete.(OD 9.76 Block 1 Block 2 Block 1 Block 2	dy 2c ,make: Modified) ther En 12 12 12 12		Ground Floo	or anisatio	uality with	12.000 12.000 12.000	screws 6
	handles set lock bo complete.(OD 9.76 Block 1 Block 2 Block 1 Block 2	dy 2c ,make: Modified) ther En 12 12 12 12		Ground Floor	or anisatio	uality with	12.000 12.000 12.000 12.000 6.000	ch
	handles set lock bo complete.(OD 9.76 Block 1 Block 2 Block 1 Block 2	dy 2c ,make: Modified) ther En 12 12 12 12		Ground Floor	Total Deducte	uality with	12.000 12.000 12.000 12.000 6.000 54.000 ea	ch
	handles set lock bo complete.(OD 9.76 Block 1 Block 2 Block 1 Block 2	dy 2c ,make: Modified) ther En 12 12 12 12	gineeri	First Floor	Total Deducte	al Quantity d Quantity al Quantity	12.000 12.000 12.000 12.000 6.000 54.000 eac 54.000 eac	ch
6	handles set lock bo complete.(OD 9.76 Block 1 Block 2 Block 1 Block 2	dy 2c ,make: Modified) ther En 12 12 12 12 6 p tubular (roung position an	Say &	First Floor To 54.000 each e or rectange a priming co	Total Deducte Net Tota @ Rs 2281 ular hollow pat of approved	al Quantity d Quantity al Quantity tubes etc.)	12.000 12.000 12.000 12.000 6.000 54.000 eac 54.000 eac trusses etc	ch h ch 3210.18
6	handles set lock bo complete.(OD 9.76 Block 1 Block 2 Block 3 10.16.1 Steel work in built u cutting, hoisting, fixin	dy 2c ,make: Modified) ther En 12 12 12 12 6 p tubular (roung position an	Say &	First Floor To 54.000 each e or rectange a priming co	Total Deducte Net Total @ Rs 2281 ular hollow pat of approved the second sec	al Quantity d Quantity al Quantity tubes etc.)	12.000 12.000 12.000 12.000 6.000 54.000 eac 54.000 eac trusses etc	ch h ch 3210.18

	Block 1 -Bedroom	6	1.600	First Floor	1.800		17.280	
	3		1	First Floor		1		
	3			Elect Elece				
	Living	8	1.100		2.100		18.481	
		2	1.500		1.800		5.400	
-	Block 2 -Bedroom	6	1.600		1.800		17.280	
	Living	8	1.100		2.100		18.481	
		2	1.500		1.800		5.400	
	Block 1 -Bedroom	6	1.600		1.800		17.280	
	manaraotarer, over tr	io piaotereu		Ground Floo		o ovon and	511100111 001	ipioto
′	13.80 Providing and applying white cement based putty of average thickness 1 mm, of approved brand manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.							
7	12.80			oay 3/8.610	0 kg @ Rs 1	55.63 / Kg	Rs 58	330.8l
			R	20v 270 C40		al Quantity	378.610 k	
		Juiei El	ngineeri	ing OTE			0.000 kg	~
		Other E		ng Orm		al Quantity	378.610 k	y
		20	1.800	mel-	Total	3.0	108.000	<u> </u>
		20	2.100		350	3.0	126.000	
	Living	20	1.100		3 30	3.0	6.601	
	Block 3 -Bedroom	2	1.600	73/1	4	3.0	9.601	
	Living	4	1.100	W Y	7	3.0	13.201	
	Living	1	1.500			3.0	4.500	
	Block 2 -Bedroom	3	1.600	8		3.0	14.401	
	Living	4	1.100			3.0	13.201	
		1	1.500			3.0	4.500	
	Block 1 -Bedroom	3	1.600			3.0	14.401	
				First Floor				
	Living	4	1.100			3.0	13.201	
		1	1.500			3.0	4.500	
	Block 2 -Bedroom	3	1.600			3.0	14.401	
	Living	4	1.100			3.0	13.201	
		1	1.500			3.0	4.500	

Living	8	1.100	2.100		18.481	
Block 2 -Bedroom	6	1.600	1.800		17.280	
	2	1.500	1.800		5.400	
Living	8	1.100	2.100		18.481	
Block 3 -Bedroom	4	1.600	1.800		11.521	
Living	4	1.100	2.100		9.241	
			Tota	al Quantity	185.406 s	qm
	d Quantity	0.000 sqn	า			
	al Quantity	185.406 s	qm			
Say 185.406 sqm @ Rs 125.10 / sqm					Rs 23	194.29
Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:To or more coats on new work Ground Floor						
Block 1 -Bedroom	6	1.600	1.800		17.280	
	2	1.500	1.800	<u></u>	5.400	
Living	8	1.100	2.100		18.481	
Block 2 -Bedroom	6 _	1.600	1.800		17.280	
(Other E	ngineeri 1.500	ng Organisatio	ns	5.400	
Living	8	1.100	2.100		18.481	
First Floor						
Block 1 -Bedroom	6	1.600	1.800		17.280	
	2	1.500	1.800		5.400	
Living	8	1.100	2.100		18.481	
Block 2 -Bedroom	6	1.600	1.800		17.280	
	2	1.500	1.800		5.400	
 Living	8	1.100	2.100		18.481	
Block 3 -Bedroom	4	1.600	1.800		11.521	
Living	4	1.100	2.100		9.241	
			Tota	l Quantity	185.406 s	qm
Total Deducted Quantity					0.000 sqm	
			l otal Deducted	d Quantity	0.000 sqn	<u> </u>
				d Quantity al Quantity	0.000 sqn 185.406 s	

9	13.61.1								
		•	int of approved b	rand and manufactu	ire to give	an even sha	ade:Two or		
	more coats on ne	ew work							
			Groun	nd Floor					
	Block 1	12	0.900	2.100	2.4	54.432			
	Block 2	12	0.900	2.100	2.4	54.432			
			First	t Floor					
	Block 1	12	0.900	2.100	2.4	54.432			
	Block 2	12	0.900	2.100	2.4	54.432			
	Block 3	6	0.900	2.100	2.4	27.216			
	Tota					I Quantity 244.944 sqm			
	Total Deducted Quantity 0.000 sqm								
	Net Total Quantity 244.944 sqm								
	Say 244.944 sqm @ Rs 132.05 / sqm								
		Provision for GST payments (in %) @					0.0%		
		1 Dide	Amount reserved	for GST payments	-	0.00			
		7.6	The same of	Total		1011407.00			
			Lum	psum for round off		0.00			
		Other En	ngineering	Organisation	1S	TOTAL Rs 1	1011407.00		
			DI		1	ded Total Rs			
	Rupees Ten Lakh Eleven Thousand Four Hundred and Seven Only								
			Rupees Ten L	akn Eleven Inousa	na Four H	unarea ana s	seven Only		

(Cost Index Applied for this estimate is 33.9%)

Note: Rate adopted are exclusive of Contractors Profit.

Data Analysis

Interior works

1 Specification Code: od161297/2022_2023

od161297/2022_2023 :Cement board partition (Modified 9.105.1)
br>Providing and fixing partition up to ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with Zinc coating of 120 gms/ (both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.68 mm overall thickness partition with 9 mm thick heavy duty fiber cement board

Details of cost for 6.00x3.65 = 21.9 sqmr Engineering Organisations

Code	Description	Unit	Quantity	Rate	Amount
0240	9 mm thick heavy duty fiber cement board	sqm	43.80000	625.00	27375.00
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm	metre	12.00000	57.00	684.00
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud. 48x34x36 mm	metre	40.15000	71.00	2850.65
7020	All drive screws (for gypsum board)	100 nos	392.00000	58.00	227.36
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt	each	22.00000	11.00	242.00
7048	Rawl plug 50 mm (designation 10 nos)	each	18.00000	25.00	450.00
0869	Plaster or paris	kilogram	19.27000	5.00	96.35
0763	Glue	kilogram	4.82000	75.00	361.50
7018	Joint tape roll	roll	0.58400	100.00	58.40
7021	Primer (for gypsum board)	Litre	7.88000	85.00	669.80

1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots	10 nos	44.00000	38.00	167.20
1211	G.I. Plain washer for seam bolts	100 nos	44.00000	32.00	14.08
9977	Carriage	L.S	52.00000	2.00	104.00
9999	Sundries	L.S	130.00000	2.00	260.00
0111	Carpender Ist Class	Day	6.57000	738.00	4848.66
0112	Carpenter 2nd class	Day	2.84700	679.00	1933.11
0131	Painter	Day	1.09500	679.00	743.51
0114	Beldar	Day	7.66500	558.00	4277.07

	Con	n	TOTAL	45362.69
cost for 21.9 sqm	-63			45362.69
cost for one sqm	LINE.			2071.36
say			7	2071.36

Add Water Charges @ 1.0%)roanisatio	ns	20.71
Add CPOH @ 7.5%			156.90
Cost index 33.9 %			762.40
Total with Cost index			3011.38
Say			3011.38

2 Specification Code: od161365/2022_2023

od161365/2022_2023 :Flush Door :

shutters(Make:Fero/Equivalent) ,frame finished with imported seasoned southern yellow pinewood or finger jointed pinewood and core filled with solid particle board.Shutter to be finished with wooden texture primer suitable for staining or painting .Including cost and conveyance of all material and labour charges etc.

Details of cost for 1.89sqm

(Size-90X210 cm)

Code Description	Unit	Quantity	Rate	Amount	ı
------------------	------	----------	------	--------	---

MR	Door shutter	sqm	1.89000	2045.16	3865.35
0111	Carpender lst Class	Day	1.00000	738.00	738.00
9999	Sundries	L.S	8.00000	2.00	16.00

		TOTAL	4619.35
cost for 1.89			4619.35
cost for one			2444.10
say			2444.10

Add Water Charges @	2 1.0%	24.44
Add CPOH @	2 7.5%	185.14
Cost index	33.9 %	146.83
Total with Co	ost index	2800.52
	Say	2800.52

Other Engineering Organisations

3 Specification Code: od161380/2022_2023

od161380/2022_2023 :Providing and fixing stainless steel ball bearing butt hinges SS304,SSS,4"X3"X3MM (model no:926.32.160) (make:Hafele/Equivalent) with stainless steel screws etc. complete OD (9.70.1 modified)

Details of 10 nos

Code	Descri	Description			Unit	Quantity	Rate	Amount
MR	S.S. b	utt hinges 4"x3"x3 n	nm with S.S screw		each	10.00000	456.80	4568.00
9977	Carria	ge			L.S	2.73000	2.00	5.46
0112	Carpe	Carpenter 2nd class			Day	0.14000	679.00	95.06
0114	Beldar			Day	0.09000	558.00	50.22	
					TOTA	AL	4718.74	
		cost for 10.0						4718.74

cost for one		471.87
say		471.87

Add Water Charges @ 1.0%		4.71
Add CPOH @ 7.5%		35.74
Cost index 33.9 %		5.54
Total with Cost index		517.88
Say		517.88

4 Specification Code: od161386/2022_2023

od161386/2022_2023 :SS tower bolts: Providing and fixing bright finished SS tower bolts 6" (barrel type) (model no:911.81.576, make:Hafele/Equivalent)with necessary screws etc. complete: OD (9.74.3 modified)

Code	Descri	ption Othe	er Engineeri	ng Org	unisat	Quantity	Rate	Amount
MR	Seam SS	less Tower Bolt 152	mm x 10mm Rod 6	" SS 304	each	10.00000	573.60	5736.00
8212	Stainle	ess steel screws 30	mm		100 no	s 80.00000	190.00	152.00
9977	Carria	ige			L.S	2.73000	2.00	5.46
0111	Carpe	ender Ist Class			Day	0.10000	738.00	73.80
						TOT	AL	5967.26
		cost for 10.0						5967.26
cost for one						596.73		
say								596.73
	Add Water Charges @ 1.0%			%				5.96
		Add CPOH @ 7.5%						45.20

Cost index 33.9 %		8.51
Total with Cost index		656.41
Say		656.41

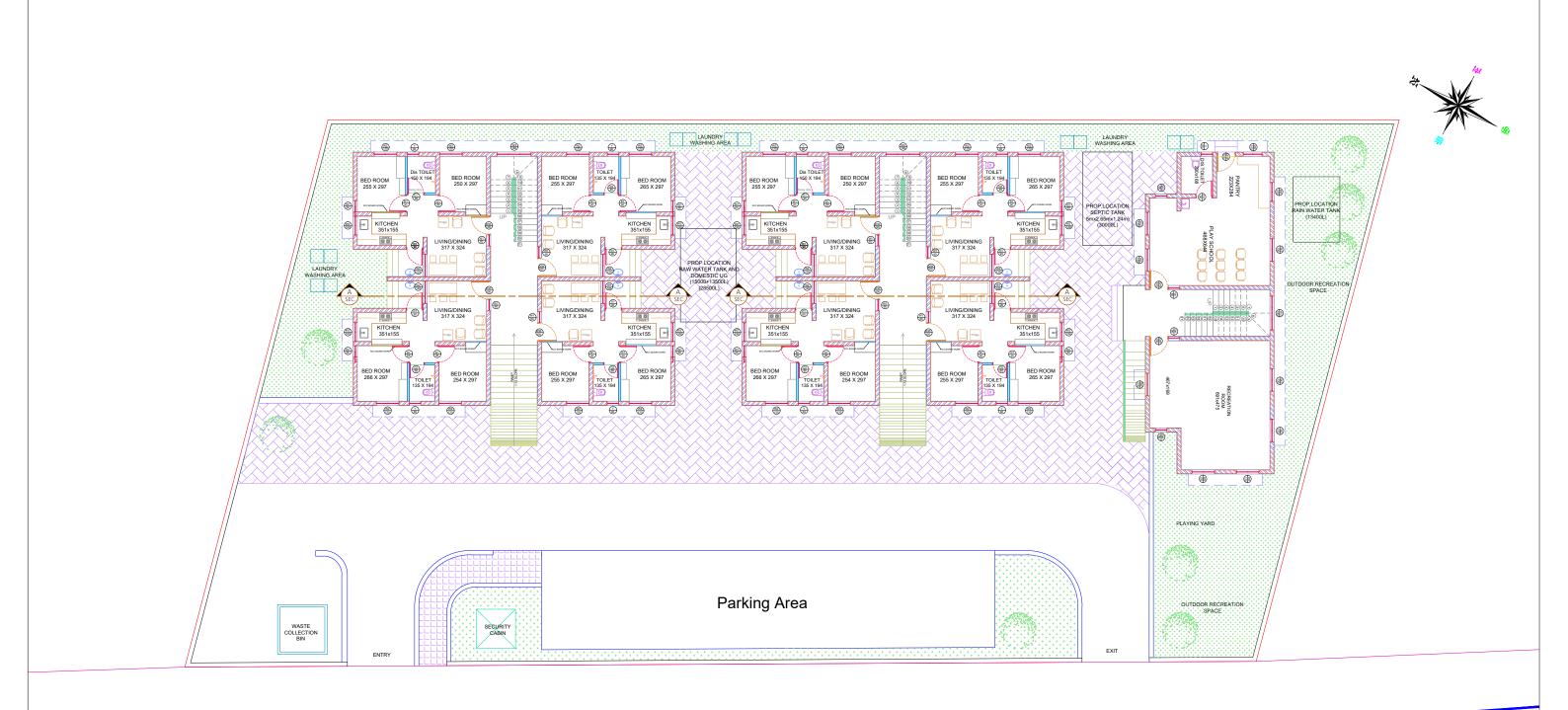
5	Specification	Code:	od16177	76/2022	2023
---	---------------	-------	---------	---------	------

od161776/2022_2023 :Providing and fixing mortice latch and lock with a pair of lever handles (Model :BM 06 175mm Door handles set lock body 2c ,make:Godrej/Equivalent)of approved quality with necessary screws etc. complete.(OD 9.76 Modified)

Details of cost for 1 nos.

Code	Description	Unit	Quantity	Rate	Amount
MR	BM 06 175mm Door handles set lock body 2c	each	1.00000	1923.73	1923.73
0111	Carpender Ist Class	Day	0.17000	738.00	125.46
9999	Sundries	L.S	3.64000	2.00	7.28
	Holy and		TOTA	AL	2056.47
	Other Engineering Org	anisati cost	ons for one ea	ch	2056.47
	say	7	\dashv		2056.47
	1 1/1 /				

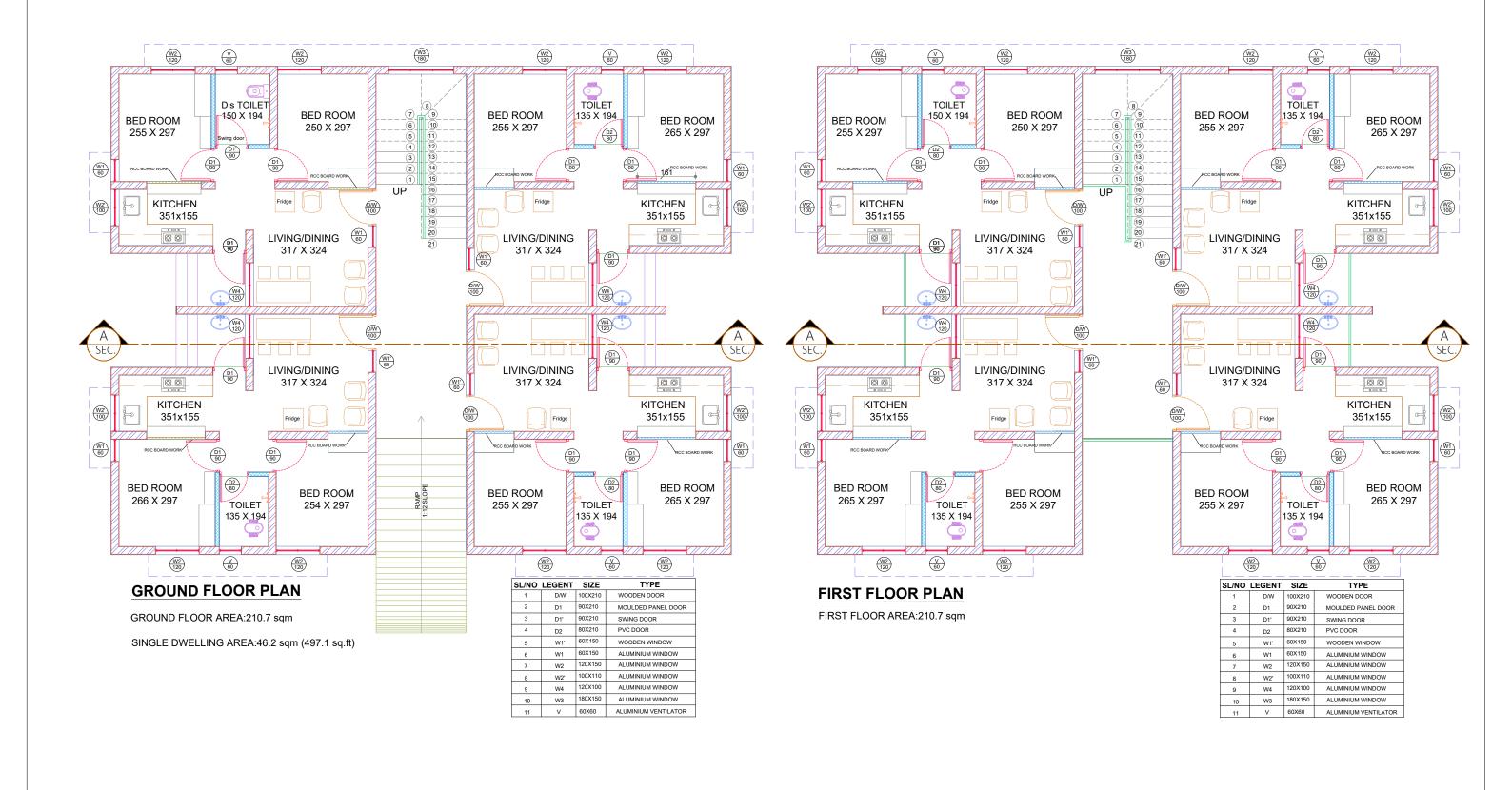
Add Water Charges @ 1.0%		20.56
Add CPOH @ 7.5%		155.77
Cost index 33.9 %		48.85
Total with Cost index		2281.67
Say		2281.67

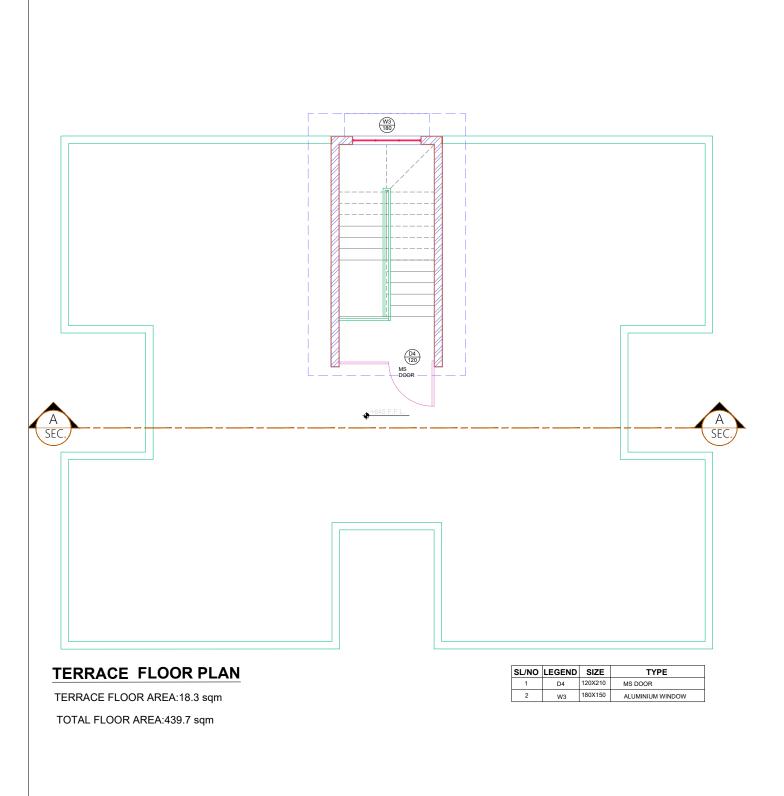


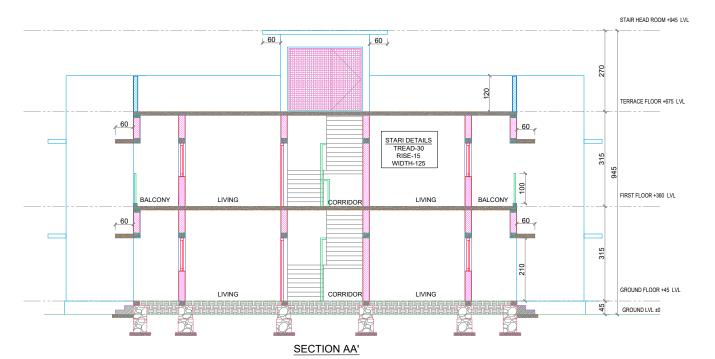
KURUMATHUR POKKUND ROAD

SITE AREA:41.3 CENTS

SITE PLAN

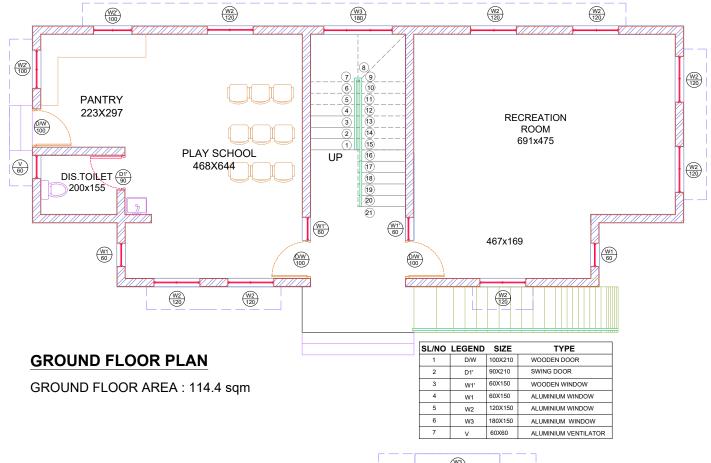






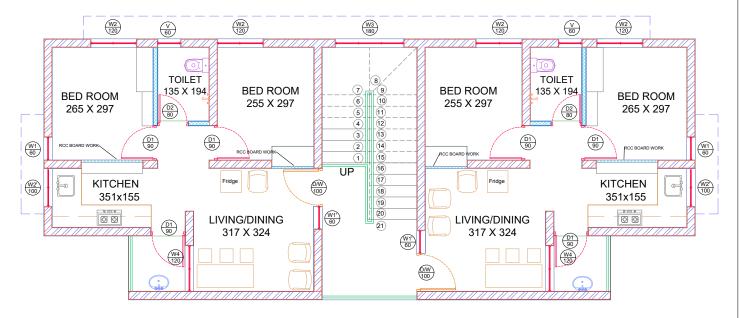


FRONT ELEVATION



TERRACE FLOOR AREA:18.3 sqm

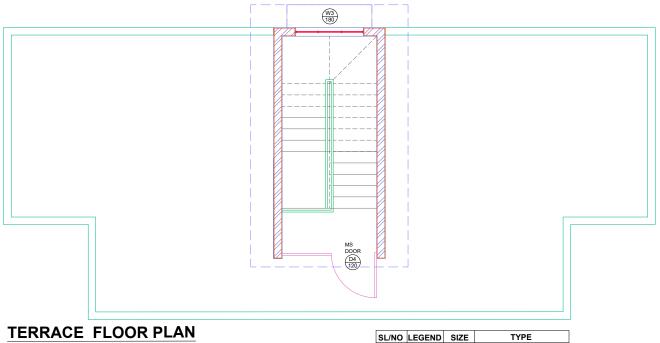
TOTAL FLOOR AREA:244.09 sqm



FIRST FLOOR PLAN

FIRST FLOOR AREA: 111.39 sqm

SL/NO	LEGEND	SIZE	TYPE
1	D/W	100X210	WOODEN DOOR
2	D1	90X210	WOODEN DOOR
3	D2	80X210	PVC DOOR
4	W1'	60X150	WOODEN WINDOW
5	W1	60X150	ALUMINIUM WINDOW
6	W2	120X150	ALUMINIUM WINDOW
7	W3	180X150	ALUMINIUM WINDOW
8	V	60X60	ALUMINIUM VENTILATOR



1 D4 120X210

MS DOOR

W3 180X150 ALUMINIUM WINDOW