

**NAME OF WORK: CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING FOR DEENDAYAL PORT AUTHORITY,  
KANDLA**

**CIVIL WORK ESTIMATE**

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m in All kinds of soil, as directed by Engineer-in-Charge.	11964.4476	Sqm			
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, in All kinds of soil, as directed by Engineer-in-Charge.	4180.76928	Cum			
3	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials (All kinds of soil).	132.06	Cum			
4	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials (All kinds of soil).	31.10	Cum			
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	2268.46089	Cum			
6	<b>Antitermite treatment</b>					
6.1	Diluting and injecting chemical emulsion Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall & rodding etc. complete: With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration	2595.56	Rmt			
6.2	Diluting and injecting chemical emulsion Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc. : With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration	2301.65	Sqm			
6.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor: With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	3370.38	Sqm			
6.4	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole : With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	1571.37	Rmt			
6.5	Treatment at points of contact of wood work by chemical emulsion Chlorpyrifos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	323.25	Rmt			
7	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge.	2953.79	Cum			
8	Carrying out Empty boring from existing ground level till bottom of Pile cap level as specified or as the case may be. The scope also includes filling of soil / sand after completion of the pile concreting from safety point of view. The rate includes deputing all machineries, labour and necessary safety precautions at site. Dia. of pile is 750mm	753.20	Rmt			
9	Providing & construction of cast in situ RCC bored piles of specified diameters in M 30 concrete grade as shown in the structural drawings using rotary drilling rigs. Scope includes setting out cardinal points, boring in over burden through all stratas including dewatering, chiselling through obstacles like boulders, weathered rock, soft rock, providing temporary steel casing sunk to the required depth through all strata except hard rock & stabilizing the bore wall portion by using polymer slurry including flushing out the same by pumps of adequate capacity, removing all slush to locations approved, irrespective of lead as directed, lowering the reinforcement cage, welding of new bars of specified dia with stitch weld &/or lap weld in accordance with the structural drawing, as per enclosed technical specification & directions and concreting with ready mix concrete of using tremie arrangements, compaction of concrete etc complete. Pile length will be calculated from cut off level upto founding level. Normal concrete overflow (approx height 600 mm) shall not be paid extra & contractor shall consider it in the concreting rate. Mix design to be submitted to the consultants for approval. Minimum cementitious content shall be as per relevant IS Code including use of plasticisers & other additives at no extra cost. Reinforcement shall be measured & paid separately. For calculation purpose length of concreted pile is considered as 1m including Socketing length. Dia. of pile is 750mm.	5560.00	Rmt			

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10	Carrying out Empty boring from existing ground level till bottom of Pile cap level as specified or as the case may be. The scope also includes filling of soil / sand after completion of the pile concreting from safety point of view. The rate includes deputing all machineries, labour and necessary safety precautions at site. Dia. of pile is 450mm	133.88	Rmt			
11	Providing & construction of cast in situ RCC bored piles of specified diameters in M 30 concrete grade as shown in the structural drawings using rotary drilling rigs. Scope includes setting out cardinal points, boring in over burden through all stratas including dewatering, chiselling through obstacles like boulders, weathered rock, soft rock, providing temporary steel casing sunk to the required depth through all strata except hard rock & stabilizing the bore wall portion by using polymer slurry including flushing out the same by pumps of adequate capacity, removing all slush to locations approved, irrespective of lead as directed, lowering the reinforcement cage, welding of new bars of specified dia with stitch weld &/or lap weld in accordance with the structural drawing, as per enclosed technical specification & directions and concreting with ready mix concrete of using tremie arrangements, compaction of concrete etc complete. Pile length will be calculated from cut off level upto founding level. Normal concrete overflow (approx height 600 mm) shall not be paid extra & contractor shall consider it in the concreting rate. Mix design to be submitted to the consultants for approval. Minimum cementitious content shall be as per relevant IS Code including use of plasticisers & other additives at no extra cost. Reinforcement shall be measured & paid separately. For calculation purpose length of concreted pile is considered as 1m including Socketing length. Dia. of pile is 450mm.	482.00	Rmt			
12	Carrying out Dynamic Load Test on Initial Piles-76.35 MT Conducting Initial load test on single specified each dia cast-in-situ RCC pile as specified in IS code including cost of all necessary excavation, backfilling, equipment / labour, chipping and pile preparation to the complete satisfaction of the Consultant and in accordance to IS: 2911 1985 Load Test on Piles (First revision) (Part IV)	5.00	NO.			
13	Carrying out Dynamic Load Test on Initial Piles -31.5MT Conducting Initial load test on single specified each dia cast-in-situ RCC pile as specified in IS code including cost of all necessary excavation, backfilling, equipment / labour, chipping and pile preparation to the complete satisfaction of the Consultant and in accordance to IS: 2911 1985 Load Test on Piles (First revision) (Part IV)	3.00	NO.			
14	Carrying out static initial Pile load tests by anchor reaction method as per IS : 2911 – Part – 4 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. Test Load : 127.25MT. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings. This includes making the pile head ready for testing at the desired level, supporting/reaction arrangement. Pile and the anchor piles shall be paid separately in relevant BOQ item.	2.00	NO.			
15	Carrying out static initial Pile load tests by anchor reaction method as per IS : 2911 – Part – 4 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. Test Load : 52.5 MT. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings. This includes making the pile head ready for testing at the desired level, supporting/reaction arrangement. Pile and the anchor piles shall be paid separately in relevant BOQ item.	2.00	NO.			
16	Carrying out Static Initial Lateral Pile Load Test for Test Load- 3.75 MT as per IS 2911 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings. The rates are inclusive of preparation of surface for the test.	2.00	NO.			
17	Carrying out Static Initial Lateral Pile Load Test for Test Load- 13.6 MT as per IS 2911 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings. The rates are inclusive of preparation of surface for the test.	2.00	NO.			

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18	Carrying out Static initial Pullout Pile load test for Test Load: 22 MT IS 2770 by either cantilever or fulcrum loading as may be approved by the Engineer, applying series of downward loads and incremental loads up to the design load. The quantum and nature of test loading will be as approved by the Engineer.No extra payment shall be made for the test set up and submission of report as per specifications and tender drawings. The rate includes deputing machineries and labour for the tests.	2.00	NO.			
19	Carrying out Static initial Pullout Pile load test for Test Load: 40.25 MT IS 2770 by either cantilever or fulcrum loading as may be approved by the Engineer, applying series of downward loads and incremental loads up to the design load. The quantum and nature of test loading will be as approved by the Engineer.No extra payment shall be made for the test set up and submission of report as per specifications and tender drawings. The rate includes deputing machineries and labour for the tests.	2.00	NO.			
20	Carrying out static Routine Pile load tests by anchor reaction method as per IS : 2911 – Part – 4 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. Test Load:31.5 MT. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings. This includes making the pile head ready for testing at the desired level, supporting/reaction arrangement. Pile and the anchor piles shall be paid separately in relevant BOQ item.	3.00	NO.			
21	Carrying out static Routine Pile load tests by anchor reaction method as per IS : 2911 – Part – 4 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. Test Load:76.35 MT. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings. This includes making the pile head ready for testing at the desired level, supporting/reaction arrangement. Pile and the anchor piles shall be paid separately in relevant BOQ item.	3.00	NO.			
22	Carrying out Static Routine Lateral Pile Load Test Test Load: 1.5 MT as per IS 2911 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings.The rates are inclusive of preparation of surface for the test.	3.00	NO.			
23	Carrying out Static Routine Lateral Pile Load Test Test Load: 5.2 MT as per IS 2911 with carrying out necessary calibrated measuring devices like load / pressure gauge, hydraulic jack ,dial gauges and magnetic stands submitting of test report with proper presentation. No extra payment shall be made for the test set up, measuring deflections and submission of report as per specifications and tender drawings.The rates are inclusive of preparation of surface for the test.	3.00	NO.			
24	Carrying out Static Routine Pullout Pile load test for Test Load: 13.2 MT IS 2770 by either cantilever or fulcrum loading as may be approved by the Engineer, applying series of downward loads and incremental loads up to the design load. The quantum and nature of test loading will be as approved by the Engineer.No extra payment shall be made for the test set up and submission of report as per specifications and tender drawings. The rate includes deputing machineries and labour for the tests.	3.00	NO.			
25	Carrying out Static Routine Pullout Pile load test for Test Load: 24.15 MT IS 2770 by either cantilever or fulcrum loading as may be approved by the Engineer, applying series of downward loads and incremental loads up to the design load. The quantum and nature of test loading will be as approved by the Engineer.No extra payment shall be made for the test set up and submission of report as per specifications and tender drawings. The rate includes deputing machineries and labour for the tests.	3.00	NO.			
26	Installation of a minimum of three sonic logging tubes into the piles before the concreting process and shall extend 0.5m above the pile head and 0.5m above the pile toe. The test generally uses PVC / steel tubes of diameters ranging 50 mm. The tubes are tied to the inside of the rebar cage. Once they are installed, they are filled with water.After all testing has been completed, and after acceptance of the drilled shaft by the Engineer, remove the water in the tubes, place grout tubes extending to the bottom of the access tube, and fill all access tubes in the drilled shafts with grout	11.00	NO.			

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27	Carrying out Integrity testing of Pile using Low Strain/ Sonic Integrity Test/ Sonic Echo Test method in accordance with IS 14893 including surface preparation of pile top by removing soil, mud, dust & chipping lean concrete lumps etc. and use of computerised equipment and high skill trained personal for conducting the test & submission of results, all complete as per direction of Engineer. Note :- The inclusion of the above item in the schedule of work shall be judiciously decided by the technical sanctioning authority, keeping in view the quality control, type of soil strata & importance of the project. (On 100% pile)	627.00	NO.			
28	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size).	264.910358	Cum			
29	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.					
a.	Upto Plinth Level					
	Concrete of M30 grade with minimum cement content of 350 kg /cum for foundation.	2709.92836	Cum			
b.	All works above plinth level upto 5th floor level					
	Concrete of M30 grade with minimum cement content of 350 kg /cum for columns	3136.61	Cum			
	Centering and shuttering including strutting, propping etc. and removal of form work for :					
30	Foundations, footings	2884	Sqm			
31	for columns	6583.75	Sqm			
32	for Plinth Beam.	9031.79	Sqm			
33	sides for RCC Wall.	2039.7328	Sqm			
34	Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards	1662.56	Sqm			
35	Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	7669.16	Sqm			
36	for Stairs, (excluding landings) except spiral-staircases	300.31	Sqm			
37	for Suspended floors, roofs, landings, balconies and access platform	89.02	Sqm			
38	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	996823.782	Kg			
	Extra for epoxy coating	996823.782	Kg			
39	Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	1568.01	Cum			
40	Providing and laying autoclaved aerated cement blocks masonry with 100 mm thick AAC blocks in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand ). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.	699.97	Cum			
41	M & L For 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	16909.28	Sqm			
42	M & L For 6mm Thick cement based plaster in CM 1:3	8523.94	Sqm			
43	M & L For 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	1101.83	Sqm			
44	Providing and fixing Perforated panels of width 128mm, thickness of 15mm and length of 2440mm or as required by the Architect / approving engineer, made of a HDMR board substrate with laminated facing as per the approved shade / species and finish and a melamine balancing layer over the reverse side. .The board shall have a special perforated pattern where the visible surface has a "Helmholtz" fluted perforation of 2mm width and 30mm each. The Back side of each panel is being perforated with 8mm round hole for superior acoustic performance. Installed on specially extruded aluminum sections of 25 mm duly fixed using screws and plugs spacing at 600mm c/c. Place the clip to install the first set of wooden panels by inserting the clips for border and insert the groove of panel into projecting flange of aluminum clip. Continue installing rows of panels by inserting the tongue into the groove of earlier inserted panel and progressively installing clips for inside into the next keel till the actual height is achieved. Use clips for the border to finish off the installation. Edges should be finished using wooden moulding of matching colour. The system shall give NRC of 0.62 with as per ASTM C 423, The color and design shall be approved by architect & Engineer In-charge.	1581.77	Sqm			

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45	Providing and Fixing 15mm thick Magnesium Bonded (MgO) Wood fiber panel having min density of 400 kgs with wood strands of having width of 1 mm. The panel shall hNRC 1.0 ASTM C 423 moisture content less than 5 percent and shall pass fire test as per UL94. Boarding: INSTALLATION:-To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using suspension system at 1200mm maximum centre. The First/Last suspension system at the end of each main runner should not be greater than 450mm from the adjacent wall. Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200 mm cross tees. Perimeter trim to be wall angles of size 3000 x 19 x 19 mm, secured to walls at 450 mm maximum centres and as per the drawing and the work complete in all respects to the satisfaction of Engineer in-charge.	1788.51	Sqm			
46	12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS:2095 part I, of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC ( Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.	1152.15	Sqm			
47	Providing and fixing Pre -laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete ( Frames, backing or studding to be paid separately). Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick conforming to IS:14587	88.41	Sqm			
48	8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC ( Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.	557.43	Sqm			
49	Providing and fixing GROOWOOD Linear Grooved Panel (30/2, 15/2) panels of width 128mm, thickness of 15mm and length of 2440mm or as required by the Architect / approving engineer, made of a fibre board substrate with laminated/Melamine facing as per the approved shade / species and finish and a melamine balancing layer over the reverse side. The board shall have a special perforated pattern where the visible surface has a "Helmholtz" fluted perforation of 2mm width and 30mm each. The Back side of each panel is being perforated with 8mm round hole for superior acoustic performance.Installed on specially extruded aluminum sections of 25 mm duly fixed using screws and plugs spacing at 600mm c/c. Place the Pax -GROOWOOD clip to install the first set of wooden panels by inserting the clips for border and insert the groove of panel into projecting flange of aluminium clip. Continue installing rows of panels by inserting the tongue into the groove of earlier inserted panel and progressively installing clips for inside into the next keel till the actual height is achieved. Use clips for the border to finish off the installation. Edges should be finished using wooden moulding of matching colour. The system shall give NRC of 0.62 with as per ASTM C 423, The color and design shall be approved by architect & Engineer In-charge.	570.29	Sqm			
50	Providing and fixing of GYPTECH Fabric Phonetic Acoustical Wall Panelling with square edges made of fibre glass substrate 25mm thick and wrapped on the front side with an acoustically transparent and fire-resistant fabric with an option of colours as per the choice of the Architect/ Engineering- in charge of size 2400x600, 1800x600, 600x1200 or 600x600 mm providing a minimum sound absorption level of 0.90 NRC to be affixed to wall using Wall panel hooks and construction adhesives supplied by Gyptech Systems Pvt. Ltd. as per the instructions laid down by the manufacturer. Wall panel hooks of adequate quantity as specified by the manufacturer shall be fixed to the wall surface using self tapping screws. Silica based construction adhesive shall be dabbed on to the projecting elements (spikes) of the hooks. Gyptech Fabric wall panels shall be pierced through th spikes of the hooks ensuring the line and level of the panels are maintained.	278.24	Sqm			

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51	Providing and fixing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square/ rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of M.S. brackets/ lugs of angle iron/ flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps/ pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer-in-charge for approval before execution). The frame work shall be fixed in true horizontal & vertical lines/planes. (Only structural steel frame work shall be measured for the purpose of payment, stainless steel cramps shall be paid for separately and nothing extra shall be paid).	69389.05	Kg			
51.1	Providing and fixing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square/ rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of M.S. brackets/ lugs of angle iron/ flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps/ pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer-in-charge for approval before execution). The frame work shall be fixed in true horizontal & vertical lines/planes. (Only structural steel frame work shall be measured for the purpose of payment, stainless steel cramps shall be paid for separately and nothing extra shall be paid). heavy duty 3.2mm thk. pipe framing considered.	5846.23	Each			
52	Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc complete as per direction of the Engineer-in-charge.	4284.00	Each			
53	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). Second class teak wood	7.62	Cum			
54	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	553.46	Sqm			
55	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 200x10 mm	389.00	Each			
56	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868),transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	466.00	Each			
57	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. 125mm	776.00	Each			
58	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ±1mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge Extruded section profile size 48x40 mm	371.25	Rmt			

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59	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm ( $\pm 0.2$ mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm ( $\pm 0.1$ mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm ( $\pm 0.2$ mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm ( $\pm 0.1$ mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door	118.13	Sqm			
60	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with $1.60 \pm 0.2$ mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately).					
a.	Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of $1.9 \pm 0.2$ mm and single glazing bead of appropriate dimension. (Area of window above 0.75 sqm upto 1.50 sqm).	442.08	Sqm			
b.	Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of $1.9 \pm 0.2$ mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm).	430.68	Sqm			
c.	Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm, sash 67 x 80 mm, & mullion 67 x 80 mm all having wall thickness of $2.3 \pm 0.2$ mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm).	102.96	Sqm			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
61	Providing and fixing factory made uPVC white colour fixed glazed windows/ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glassFixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)					
	Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)	20.88	Sqm			
62	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.5 mm thick glass panes	975.72	Sqm			
63	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick : Float glass panes 4mm thick glass pane	20.88	Sqm			
64	Providing & Fixing GRC Jali with requisite accessories by Contractor as shown in drawing.	453.60	Sqm			
65	Providing & Fixing FHC Door 600mm x 1200mm	10.80	Sqm			
66	Providing and fixing 10 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	27.54	Sqm			
67	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover	9.60	Sqm			
68	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade : One or more coats on old work	25433.22	Sqm			
69	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture Having low VOC limit for GRIHA Compliance. Please refer to special conditions of contracts for VOC limits.	19.66	Sqm			
70	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) Having low VOC limit for GRIHA Compliance. Please refer to special conditions of contracts for VOC limits.	1099.61	Sqm			



SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
71	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	290.05	cum			
72	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	562.29	cum			
73	M & L Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.					
	Size of Tile 600x600 mm	3222.35	Sqm			
	Size of Tile 1000x1000 mm	879.42	Sqm			
74	M & L Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand)	829.37	Sqm			
75	M & L Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.	846.83	Sqm			
76	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand), laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	4007.38	Sqm			
77	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	45.12	Sqm			
78	Providing and fixing machine cut, mirror/ eggshell polished, Marble stone work for wall lining (veneer work) including dado, skirting, risers of steps etc., in required design and pattern wherever required, stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) laid and jointed with white cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge. 18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	165.12	Sqm			
79	M & L Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	55.05	Sqm			
80	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	21.36	Sqm			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
81	M & L Providing and fixing 1st quality ceramic glazed floor 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 Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	2225.70	Sqm			
82	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	923.92	Kg			
83	Providing and laying roof insulation with 40 mm thick impervious sprayed, closed cell free Rigid Polyurethane foam over deck insulation conforming to IS - 12432 Pt. III (density of foam being 40-45 kg/cum), over a coat of polyurethane primer applied @ 6-8 sqm per litre, laying 400 G polythene sheet over PUF spray and providing a wearing course of 40 mm thick cement screed 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) in chequered rough finish, in panels of 2.5 m x 2.5 m and embedding with 24 G wire netting and sealing the joints with polymerized mastic, all complete as per direction of Engineer-in-Charge.	752.30	Sqm			
84	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete.	175.99	Sqm			
85	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	47.89	Kg			
86	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.					
	GF to 2nd Floor					
a.	15 mm nominal outer dia Pipes	267.72	RM			
b.	20 mm nominal outer dia Pipes	82.89	RM			
c.	25 mm nominal outer dia Pipes	127.08	RM			
d.	32 mm nominal outer dia Pipes	60.72	RM			
87	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.					
	GF to 2nd Floor					
a.	25 mm dia nominal bore	50.25	RM			
b.	32 mm dia nominal bore	94.50	RM			
c.	40 mm dia nominal bore	114.74	RM			
d.	50 mm dia nominal bore	36.18	RM			
88	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing etc.					
	GF to 2nd Floor	834.08	RM			
89	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid					
	GF to 2nd Floor	103.00	Each			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
90	S&F two way bib cock with wall flange quarter turn (Low-flow) 16 mm dia. Make - Jaquar Model No KUP-35041PMGE or equivalent in Crab Tree/Kohler brand complete all as specified and directed by Engineer-in-Charge					
	GF to 2nd Floor	103.00	Each			
91	S & F Hand shower (Health faucet) with 1 meter long easy flex tube in chrome finish and wall hook with NRV (Back flow preventer) Make - Jaquar Model No ALD-579 complete all as specified and directed by Engineer-in-Charge					
	GF to 2nd Floor	103.00	Each			
92	Providing and fixing toilet paper holder : C.P. brass					
	GF to 2nd Floor	103.00	Each			
93	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps					
	GF to 2nd Floor	119.00	Each			
94	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. : Flexible pipe 32 mm dia					
	GF to 2nd Floor	260.00	Rmt			
95	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing cistern					
	GF to 2nd Floor	78.00	Each			
96	Providing and fixing PTMT urinal cock of approved quality and colour. : 15 mm nominal bore, 80 mm long, 42 mm high and 30mm wide with BSP female threads weighing not less than 48 gms					
	GF to 2nd Floor	78.00	Each			
97	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.					
	GF to 2nd Floor	197.00	Each			
98	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore					
	GF to 2nd Floor	181.00	Each			
99	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms					
	GF to 2nd Floor	119.00	Each			
100	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore					
	GF to 2nd Floor	222.00	Each			
101	Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length 15 mm nominal bore					
	GF to 2nd Floor	78.00	Each			
102	Providing and fixing concealed Stop Cock					
	GF to 2nd Floor					
	20 mm dia bore of pipe	6.00	Each			
	32 mm dia bore of pipe	24.00	Each			
103	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
	Terrace Floor					
	25 mm nominal bore	2.00	Each			
	40 mm nominal bore	12.00	Each			
	50 mm nominal bore	4.00	Each			
104	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.					
	GF to 2nd Floor	119.00	Each			
105	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.					
	GF to 2nd Floor	77.00	Each			
106	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.					
	GF to 2nd Floor	119.00	Each			
107	Providing and placing on terrace (at all floor levels polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. - 3000 Ltr					
	GF to 2nd Floor	24000.00	per litre			
108	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore					
	GF to 2nd Floor	8.00	Each			
109	Providing and fixing soil, waste and vent pipes : Sand cast iron S&S pipe as per IS: 1729					

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
	GF to 2nd Floor	337.15	Rmt			
110	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 ( 1 cement : 2 fine sand) in S.C.I./ C.I. Pipes : 100 mm dia pipe					
	GF to 2nd Floor	219.00	Each			
111	Cutting chases in brick masonry walls for following diameter sand cast iron/ centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 100 mm dia					
	GF to 2nd Floor	123.75	Rmt			
112	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 100 mm dia pipe					
	GF to 2nd Floor	127.00	Each			
113	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. : 100x100x100 mm , Sand cast iron S&S as per IS - 1729					
	GF to 2nd Floor	61.00	Each			
114	Providing and fixing terminal guard : Sand cast iron S&S as per IS - 1729					
	GF to 2nd Floor	17.00	Each			
115	Providing and fixing soil, waste and vent pipes : Sand cast iron S&S pipe as per IS: 1729					
	GF to 2nd Floor	146.85	Rmt			
116	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 ( 1 cement : 2 fine sand) in S.C.I./ C.I. Pipes : 75 mm dia pipe					
	GF to 2nd Floor	177.00	Each			
117	Cutting chases in brick masonry walls for following diameter sand cast iron/ centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 75 mm dia					
	GF to 2nd Floor	122.40	Rmt			
118	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 75 mm dia pipe					
	GF to 2nd Floor	125.00	Each			
119	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. : 75x75x75 mm , Sand cast iron S&S as per IS - 1729					
	GF to 2nd Floor	55.00	Each			
120	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating : 100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5					
	GF to 2nd Floor	19.00	Each			
121	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,(i) Single socketed pipes. : 110 mm diameter					
	GF to 2nd Floor	473.85	Rmt			
122	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 110 mm bend					
	GF to 2nd Floor	45.00	Each			
123	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler 110 mm					
	GF to 2nd Floor	474.00	Each			
124	Providing and fixing 100 mm sand cast Iron grating for gully trap.					
	GF to 2nd Floor	186.00	Each			
E	FACADE WORK					

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
125	Dholpur stone dry cladding with 28-32 mm thick gang saw cut stone of min 600mm x 900mm size with (machine cut edges) of uniform color and approved size fixed to structural steel frame work and/ or with the help of cramps, pins etc. and sealing the joints with approved weather sealant as per Architectural drawing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square/ rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of M.S. brackets/ lugs of angle iron/flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps/ pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc primer as approved by Engineer in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer-in-charge for approval before execution). The frame work shall be fixed in true horizontal & vertical lines/planes adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc.	968.96	Sqm			
126	Gwalior Mint stone dry cladding with 25-30 mm thick gang saw cut stone of min 600mm x 900mm size with (machine cut edges) of uniform color and approved size fixed to structural steel frame work and/ or with the help of cramps, pins etc. and sealing the joints with approved weather sealant as per Architectural drawing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square/ rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of M.S. brackets/ lugs of angle iron/flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps/ pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc primer as approved by Engineer in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer-in-charge for approval before execution). The frame work shall be fixed in true horizontal & vertical lines/planes adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc.	1172.05	Sqm			
126.1	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. Including: (a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. (b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. (c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium	1006.49	Sqm			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
126.2	Aluminium framing work 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, Aluminium 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) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	2409.48	KG			
126.3	Supply and Fixing of Min 3 mm thick cnc cut corton / weathering steel sheet fixed with ms bolting and plates as per manufacturers instructions and design as per architectural drawings.size 15' x 18'	1.00	Each			
	<b>TOTAL OF SCH E FACADE WORK :-</b>					
	<b>F. WATER PROOFING</b>					
(i)	<b>Water proofing for foundation :</b>					
127	Horizontal application - the membrane must be applied to smooth, prepared substrate, concrete binding is preferred. substrate shall be free from loose aggregate or other sharp protrusions. Standing water must be removed to prevent contamination of overlaps and subsequent compromise of waterproof properties. Supply and laying of 1.2 to 1.5 mm Thick (Based on manufacturer specifications) HDPE 80 membrane (below Raft) which is pressure sensitive, Fully bonded and foot trafficable, weather resistant, which bonds with poured concrete so that prevents water ingress or migration. The membrane will have following properties	1627.16	Sqm			
(ii)	<b>WATER PROOFING TREATMENT FOR TERRACE</b>					
128	Providing and laying in situ seven course water proofing treatment with APP (Atactic poly-propylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40 Kg per sqm, 2nd, 4th & 6th courses of bonding material @ 1.20 Kg/sqm, which shall consist of blown type bitumen of grade 85/25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 1.5 mm thick of 2.25 Kg/sqm weight consisting of five layers prefabricated with centre core as 20 micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20 micron HMHDPE film. 7th, the top most layer shall be finished with brick tiles of class designation 10 grouted with cement mortar 1:3 (1cement : 3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat (item of laying brick tiles shall be paid for separately).	4003.22	Sqm			
129	Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.	4003.22	Sqm			
130	<b>Bed/plot preparation</b>	30.00	Cum			
	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm,refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, leveling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately).					
131	<b>Good garden soil</b>	24.00	Cum			
	Supplying and stacking of good earth at site including royalty and carriage complete (earth measured in stacks will be reduced by 20% for payment)					
132	<b>Cow Dung Manure</b> - Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5 k.m.lead complete (Cattle manure measured in stacks will reduced by 8% for Payment).	6.00	Cum			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
133	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same and maintenance for 30 days or more till the grass establish properly, as per direction of the officer in charge	1354.17	Sqm			
134	Providing and Displaying Euphorbia milli hybrid variety with multi branch, full bloom, with fresh and healthy well developed having 30 to 45 cm ht. in 35 cm Cement Pots as per direction of the officer-in-charge.	5.00	Nos			
135	Providing and Displaying Adenium Obesum grafted well developed with fresh & healthy 30 to 60 cm ht. in 25 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge	5.00	Nos			
136	Providing and Displaying Bamboo Buddha valley with fresh & healthy 3 to 4 suckers having 75 to 90 cm ht. in 25 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	5.00	Nos			
137	Providing and Displaying Bird of paradise well developed with fresh & healthy 90 to 120 cm ht in 30 cm Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	5.00	Nos			
138	Providing and Displaying Bougainvillea named variety, Sobhra, Thima, Marry palmar, Cherry Blossom etc. well developed with fresh & healthy bushy in full bloom 75 to 90 cm ht. in 40 cm Cement Pot as per direction of the officer-in-charge.	5.00	Nos			
139	Bottle palm ht. 210-240 cm bottom girth 30-35 cm well developed in big HDPE bag	10.00	Nos			
140	Ficus benjamina (green) height 120-135 cm. with 6-8 branches and lush green foliage in gunny bag size 25 cm	10.00	Nos			
141	Fishtail palm ht. 150-180 cm bottom girth 15-20 cm well developed in big poly bag size 25 cm	10.00	Nos			
142	Lagerstroemia flosreginae height 150-165 cm.in big poly bag size 25 cm	10.00	Nos			
142	Magnolia grandiflora height 150-165 cm. in big poly bag size 25 cm	10.00	Nos			
142	Tectona grandis (Teak) height 150-165 cm. in big polybag size 25 cm	10.00	Nos			
142	Providing and displaying of Areca Palm plant, having ht. 1.20 m to 1.50 m with 5 to 6 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	5.00	Nos			
143	Providing and stacking of Dianella variegated, with 3 to 4 variegated leaves in 20 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge.	5.00	Nos			
144	Providing and stacking of Syngonium (Butterfly) variegated with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 20 cm. as per direction of the officer-in-charge.	5.00	Nos			
145	Providing and displaying of Rhaps Palm plant, having ht. 75 cm to 90 cm with 15 to 18 equal suckers, well developed, full of fresh and healthy leaves from bottom to top in 35 cm PVC Pots/C.Pots & as per direction of the officer-in-charge.	5.00	Nos			
146	Providing and displaying of Money Plant Broad Leaves mounted on moss stick 1.20 m ht., 5 to 6 plants in each pot, well developed with full of fresh & healthy leaves in size of 25 cm Top dia x 18 cm Bottom dia x 25 cm Perpendicular height Earthen pot/Plastic pot & as per direction of the officer-in-charge.	5.00	Nos			
147	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unsaverieable material's as per direction of officer in charge (excluding cost of plant & water)					
148	Total shrubs	110.00				
C-2	River Stone Pabbles In Different Colours					
149	Providing & fixing of White River (Stone) Pables size of 2" to 2.50" dia in natural colour at site of work including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	20.00	Qtl.			
150	Edging with bricks laid dry length wise, including required excavation, refilling, consolidating with hand packing and spreading surplus earth neatly within a lead of 50 m : Common burnt clay F.P.S (non modular) bricks of Class designation 7.5	788.76	Rmt			
151	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	1584.00	Sqm			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
152	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Table of Size: 2500 mm Width * 750 mm Depth * 750 mm Height. Table made with superior quality BWP grade plywood duly finished with polished veneer on Front and Top. Table Shall be Provided with 2 Drawer and One Filling Mobile Pedestal. Design as per Architect / Engineer incharge.	1.00	NOS			
153	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Table of Size: 2300 mm Width * 750 mm Depth * 750 mm Height. Table made with superior quality BWP grade plywood duly finished with polished veneer on Front and Top. Table Shall be Provided with 2 Drawer and One Filling Mobile Pedestal. Design as per Architect / Engineer incharge.	10.00	SQFT			
154	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Table of Size: 2000 mm Width * 750 mm Depth * 750 mm Height. Table made with superior quality BWP grade plywood duly finished with polished veneer on Front and Top. Table Shall be Provided with 2 Drawer and One Filling Mobile Pedestal. Design as per Architect / Engineer incharge.	4.00	NOS			
155	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Side Table of Size: 900 mm Width * 450 mm Depth * 750 mm Height. Table made with superior quality BWP grade plywood duly finished with polished veneer on Front and Top. Design as per Architect / Engineer incharge.	16.00	NOS			
156	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Back Storage Cabinet of Size : 2050 mm Width * 450 mm Depth * 2100 mm Height, Cabinet Made with superior quality BWP grade plywood duly finished with veneer on Front and Top. Cabinet Shall be made with Shelves and Lock of Doors. Design as per Architect / Engineer incharge.	11.00	NOS			
157	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Back Storage Cabinet of Size : 2000 mm Width * 450 mm Depth * 2100 mm Height, Cabinet Made with superior quality BWP grade plywood duly finished with veneer on Front and Top. Cabinet Shall be made with Shelves and Lock of Doors. Design as per Architect / Engineer incharge.	5.00	NOS			
158	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make 3 SEATER SOFA. Model-EDF-1137 -. Color as per Approvals.	8.00	NOS			
159	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make 2 SEATER SOFA. Model-EDF-1137 -. Color as per Approvals.	14.00	NOS			
160	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make SINGLE SEATER SOFA. Model-EDF-1137 -. Color as per Approvals.	29.00	NOS			
161	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Storage Cabinet Made with superior quality BWP grade plywood/HDF duly finished with 4 mm Thick Curian Top. Powder Coated IRON Pipe Framework. Corner Table Size: 500 mm Dia * 450 mm Height.	21.00	NOS			
162	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Coffee Table Made with superior quality BWP grade plywood/HDF duly finished with Polished Vinear. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Cofee Table 1100 mm Width * 500 mm Depth * 450 mm Height.	9.00	NOS			
163	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Storage Cabinet Made with superior quality BWP grade plywood/HDF duly finished with Polished Vinear. All Hardware of Hettich/Ebco. Powder Coated IRON Pipe Framework. Coffee Table Size: 500 mm Width * 500 mm Depth * 450 mm Height.	13.00	NOS			
164	Manufacturing and Supplying Evershine Designs & Furnishers Make High Back revolving Bucker Chair with Synchro Torchan Bar Mechanisim. EDF-A814-A.	14.00	NOS			
165	Manufacturing and Supplying Evershine Designs & Furnishers Make Low Back revolving Bucker Chair with Synchro Tilt Mechanisim. EDF-A814-B.	42.00	NOS			
166	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make TV Unit/Cabinet of Size : 2100 mm Width * 450 mm Depth * 2100 mm Height, TV Unit made with superior quality BWP grade plywood duly finished with veneer on Front and Top. Cabinet Shall be made with Shelves and Lock of Doors. Design as per Architect / Engineer incharge.	6.00	NOS			
167	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Dinning Table 4 Seater of Size : 1500 mm Width * 1000 mm Depth * 750 mm Height, Dinning Table made with superior quality BWP grade plywood duly finished with veneer and Polish on Front and Top. Design as per Architect / Engineer incharge.	7.00	NOS			
168	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Dinning Chair made with Solid Wood and Cushion on Seat and Polish on Visible Wooden Parts. Design as per Architect / Engineer incharge.	28.00	NOS			
169	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Table, Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides. Table top 25 mm Thick Under Structure made of 18 mm Thick. Table shall be provided with on Mobile Pedestal of 2 Drawers and One filling Cabinet. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Table Size: 1500 mm Width * 750 mm Depth * 750 mm Height.	57.00	NOS			



SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
170	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Table, Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides. Table top 25 mm Thick Under Structure made of 18 mm Thick. Table shall be provided with on Mobile Pedestal of 2 Drawers and One filling Cabinet. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Table Size: 1300 mm Width * 750 mm Depth * 750 mm Height.	1.00	NOS			
171	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Side Table, Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides. Table top 25 mm Thick Under Structure made of 18 mm Thick. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Side Table Size: 900 mm Width * 450 mm Depth * 750 mm Height.	57.00	NOS			
172	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Back Storage Cabinet Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides along with Shelves and Locks. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Back Storage Cabinet Size: 1500 mm Width * 450 mm Depth * 750 mm Height.	43.00	NOS			
173	Manufacturing and Supplying Evershine Designs & Furnishers Make High Back revolving Chair with Push Back Synchro Tilt Mechanisim Chair-EDF-A538-A	60.00	NOS			
174	Manufacturing and Supplying Evershine Designs & Furnishers Make Medium Back revolving Chair with Push Back Synchro Tilt Mechanisim Chair-EDF-A538-B	120.00	NOS			
175	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make 3 SEATER SOFA. Model-EDF-A930-A. Color as per Approvals.	8.00	NOS			
176	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make 2Seater SEATER SOFA. Model-EDF-A930-B. Color as per Approvals.	2.00	NOS			
177	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Corner Table Made with superior quality BWP grade plywood/HDF duly finished with 4 mm Thick Curian Top. Powder Coated IRON Pipe Framework. Corner Table Size: 500 mm Dia * 450 mm Height.	5.00	NOS			
178	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS makeCoffee Table Made with superior quality BWP grade plywood/HDF duly finished with 4 mm Thick Curian Top. Powder Coated IRON Pipe Framework. Corner Table Size: 500 mm Width * 500 mm Depth * 450 mm Height.	5.00	NOS			
179	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Conference Table of Size: 4800 mm Width * 1500 mm Depth * 750 mm Height, Table Made with superior quality BWP grade plywood duly finished with veneer on both sides along with Provision of audio visual & cable management tray & ports (Flip Top Box with Sockets & Ports) Design as per Architect / Engineer incharge.	4.00	NOS			
180	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Conference Table of Size: 2500 mm Width * 1500 mm Depth * 750 mm Height, Table Made with superior quality BWP grade plywood duly finished with veneer on both sides along with Provision of audio visual & cable management tray & ports (Flip Top Box with Sockets & Ports) Design as per Architect / Engineer incharge.	2.00	NOS			
181	Manufacturing and Supplying Evershine Designs & Furnishers Make High Back revolving Chair with Push Back Synchro Tilt Mechanisim Chair-EDF-A535-A.	4.00	NOS			
182	Manufacturing and Supplying Evershine Designs & Furnishers Make High Back revolving Chair with Push Back Synchro Tilt Mechanisim Chair-EDF-A535-B.	121.00	NOS			
183	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Storage Cabinet of Size : 3850 mm Width * 600 mm Depth * 750 mm Height, Cabinet Made with superior quality BWP grade plywood duly finished with veneer on Front and Top. Cabinet Shall be made with Shelves and Lock of Doors. Design as per Architect / Engineer incharge.	1.00	NOS			
184	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Storage Cabinet of Size : 7400 mm Width * 500 mm Depth * 750 mm Height, Cabinet Made with superior quality BWP grade plywood duly finished with veneer on Front and Top. Cabinet Shall be made with Shelves and Lock of Doors. Design as per Architect / Engineer incharge.	1.00	NOS			
185	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Storage Cabinet of Size : 4100 mm Width * 600 mm Depth * 750 mm Height, Cabinet Made with superior quality BWP grade plywood duly finished with veneer on Front and Top. Cabinet Shall be made with Shelves and Lock of Doors. Design as per Architect / Engineer incharge.	1.00	NOS			
186	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make 3 SEATER SOFA. Model-EDF-1185 -. Color as per Approvals.	6.00	NOS			
187	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make 2 SEATER SOFA. Model-EDF-1185 -. Color as per Approvals.	4.00	NOS			
188	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Coffee Table, Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides. Table top 18 mm Thick Under Structure made of Powder Coated MS Angle/25 * 25 mm MS Square pipe. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Coffee Table Size: 500 mm Width * 500 mm Depth * 450 mm Height.	5.00	NOS			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
189	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Corner Table, Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides. Table top 18 mm Thick Under Structure made of Powder Coated MS Pipe /12 mm Thick Iron Rode. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Corner Table Size: 500 mm Dia * 450 mm Height.	10.00	NOS			
190	Manufacturing, Supplying & Installaion of Evershere Designs & Furnishers Make MS Sheet Metal Locker Module Each Module having two Lockers with Locks. Over All Size: 1825 mm H * 450 mm W * 500 mm D (900 H * 450 W * 500 D Each). Model No.-EDF-CB-07. Each Two Lockers Size: 450 mm Width * 600 mm Depth * 2000 mm Height.	22.00	NOS			
191	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Storage Cabinet Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides along with Shelves and Locks. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Storage Cabinet Size: 900 mm Width * 600 mm Depth * 2100 mm Height.	3.00	NOS			
192	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Wardrobe Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides along with Shelves and Locks. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge. Wardrobe Size: 900 mm Width * 600 mm Depth * 2100 mm Height.	3.00	NOS			
193	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Wall Facing Workstations: Table Top Made of 25mm thick superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides with 2mm thick PVC edge banding Tape. Main Beam of Size 40mm x 40mm CRC square pipe with powder coated finish with die casted brackets to support top. Legs 60X30 / 50X50 CRC Pipe Leg With Metal Powder coated finish with Wire Manager with Wire Snaker / Wire CARRIER : 0.8 - 01mm thick Powder coated wire carrier for arranging wires for electricity & data. MODESTY PANEL BELOW THE TOP : 01 - 1.2mm thick Powder coated as perapproved shade 300H From Floor. FRONT / DIVIDER SCREEN : 18MM Thick Sleek Fabric Screen with Nylon Beading as per approved shade Mounted on Table Top with Brackets 300H MMWall Facing : 1200 * 600 * 750/1200. Workstation shall be Provided with 2+1 Mobile Pedestal.	230.00	NOS			
194	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Back to Back Workstations: Table Top Made of 25mm thick superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides with 2mm thick PVC edge banding Tape. Main Beam of Size 40mm x 40mm CRC square pipe with powder coated finish with die casted brackets to support top. Legs 60X30 / 50X50 CRC Pipe Leg With Metal Powder coated finish with Wire Manager with Wire Snaker / Wire CARRIER : 0.8 - 01mm thick Powder coated wire carrier for arranging wires for electricity & data. MODESTY PANEL BELOW THE TOP : 01 - 1.2mm thick Powder coated as perapproved shade 300H From Floor. FRONT / DIVIDER SCREEN : 18MM Thick Sleek Fabric Screen with Nylon Beading as per approved shade Mounted on Table Top with Brackets 300H MMWall Facing : 1200 * 600 * 750/1200. Workstation shall be Provided with 2+1 Mobile Pedestal.	266.00	NOS			
195	Manufacturing, Supplying and Installation of EVERSHERE DESIGNS & FURNISHERS MAKE Revolving STAFF CHAIR for visitors, Tilting Mechanisim, Chrome Base with nylon twin wheels castors, nylon Fixed arms, Gas lift for up and down movement for seat. Green Mesh back and Red fabric upholstered PU cushion. COLOR as per Architect / Engineer incharge. Model: EDF-A404	496.00	NOS			
196	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Storage Cabinet Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides along with Shelves and Locks. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge.					
	Storage Cabinet: 1200 * 600 * 1200	128.00	NOS			
	Storage Cabinet: 1200 * 450 * 1200	54.00	NOS			
	Storage : 900 * 600 * 2100	47.00	NOS			
	Storage : 900 * 600 * 1200	3.00	NOS			
	Storage : 1000 * 600 * 2100	4.00	NOS			
	Storage : 1000 * 600 * 1200	6.00	NOS			
	Storage : 1050 * 600 * 1200	12.00	NOS			
	Storage : 1100 * 600 * 2100	1.00	NOS			
	Storage : 1100 * 600 * 1200	6.00	NOS			
	Storage : 1100 * 450 * 1200	14.00	NOS			
	Storage : 600 * 600 * 2100	1.00	NOS			
	Storage : 3900 * 600 * 2100	1.00	NOS			
	Storage : 1600 * 600 * 1200	1.00	NOS			
	Storage : 2000 * 450 * 1200	1.00	NOS			
197	Manufacturing, Supplying & Installation of EVERSHERE DESIGNS & FURNISHERS make Storage Racks Made with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides along with Shelves and Locks. All Hardware of Hettich/Ebco. Design as per Architect / Engineer incharge.					
	Racks : 600 * 600 * 2400	5.00	NOS			
	Racks : 700 * 600 * 2400	1.00	NOS			
	Racks : 800 * 600 * 2400	5.00	NOS			
	Racks : 900 * 600 * 2400	151.00	NOS			

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				In words	In fig	
	Racks : 1000 * 600 * 2400	17.00	NOS			
	Racks : 1100 * 600 * 2400	11.00	NOS			
	Racks : 1200 * 600 * 2400	8.00	NOS			
198	Manufacturing, Supplying & Installation of EVERSHINE DESIGNS & FURNISHERS make Lab Modules. Made of Powder Coated MS CRC SHEET METAL CAR CASE with HDF Shutters. Without GRANITE STONE TOP. Color as per Approvals.					
	Lab Module: 500 * 600 * 900	1.00	NOS			
	Lab Module: 700 * 600 * 900	2.00	NOS			
	Lab Module: 800 * 600 * 900	1.00	NOS			
	Lab Module: 900 * 600 * 900	21.00	NOS			
	Lab Module: 1100 * 600 * 900	2.00	NOS			
	Lab Module: 1250 * 600 * 900	2.00	NOS			
199	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make Square Table for Cafeteria with 28 MM thickMade with superior quality BWP grade plywood/HDF duly finished with Lamination Sunmica on both sides with two mm thick pvc edge banding tape on exposed edges and SS-304 Grade Stainless Steel Base, Size: Table 1000 D * 1000 W * 750 Ht. Model No-EDF-A-421.	22.00	NOS			
200	Manufacturing, Supplying and Installation of EVERSHINE DESIGNS & FURNISHERS MAKE CAFETERIA CHAIR Made of MS inserted PU Foam Frame with Legs and Gaslift for revolving.ry. Color as per Approval. with MS Powder Coated Base. Model No-EDF-A885	88.00	NOS			
201	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make Rectangular Table with SS 304 grade Stainless steel sheet metal Top. Frame made of 40* 40 MM SS 304 Grade stainless shteel Square Pipe with PVC Boots in legs. Model No.-EDF-A-419 Rectangular Cantten Table : 1900 * 900 * 800	24.00	NOS			
202	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make SS-304 Cafeteria Chairs Frame made of SS-304 Grade Stainless Steel Frame with SS 304 Grade perforated Sheet Metal seat. Chair Having PVC Boots in Legs. Model No.-EDF-A-422 Chairs	144.00	NOS			
203	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make Service Counter : Under Structure made of SS304 grade square pipe with SS 304 Grade Sheet Metal. Size: 1200 W * 750 D * 1000 Ht Pantry Table with Burners : 3400 * 600 * 800	2.00	NOS			
204	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make Table with Rack made of SS 304 Grade Stainless Steel square pipe and Shelves made of SS 304 grade sheet metal. Shelves duelly welded with SS 304 MIG welding. Racks/table having PVS Boots in legs. Model No.-EDF-A-424 Pantry Table with Burners : 3000 mm Width * 600 mm Depth * 800 mm Height.	2.00	NOS			
205	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make Main Table for Pantry made of 16 Gauge 40 mm * 40 MM SS Square Pipe table With 40 * 40 mm 16 gauge extra support below Table Top With Hard Rubber Boots in Legs. Model No.- EDF-A425 Size: 3400 mm Width * 1000 mm Depth * 800 mm Height.	2.00	NOS			
206	Manufacturing, Supplying & Installaion of Evershine Designs & Furnishers Make Service Counter : Under Structure made of SS304 grade square pipe with SS 304 Grade Sheet Metal. Size: 1200 W * 750 D * 1000 Ht Pantry Serving Counter : 4150 mm Width * 600 mm Depth * 800 / 1800 mm Height.	2.00	NOS			
207	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 : all kind of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	145.93	rmt			
208	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms,depth from 1.5 m to 3.0m , 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 : all kind of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	117.25	rmt			
209	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms,depth from 3.0m to 4.5m , 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 : all kind of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	12.47	rmt			
210	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	116.39	Cum			
211	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 250 mm dia. R.C.C. pipe	36.86	Rmt			

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				In words	In fig	
212	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With Sewer bricks conforming to IS : 4885	4.00	each			
213	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design Inside size 120x90 cm and 190 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With Sewer bricks conforming to IS : 4885	5.00	each			
214	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mmthick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design Inside size 120x90 cm and 290 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With Sewer bricks conforming to IS : 4885	6.00	each			
215	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design Inside size 120x90 cm and 390 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With Sewer bricks conforming to IS : 4885	3.00	each			
216	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 and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.	583.36	Cum			
217	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 600x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge.	467.00	each			
218	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge: All kinds of soil	3719.50	Sqm			
219	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	5255.50	Sqm			
220	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-II (size range 53 mm to 0.075 mm ) having CBR Value-25	718.80	cum			

SR. NO.	DESCRIPTION	ROUND OFF QTY.	UNIT	Rate		Amount
				In words	In fig	
221	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, screening / binding material to fill up	248.40	cum			
222	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg l sqm	248.40	Sqm			
223	2 cm premix carpet surfacing with 1.8 cum and 0.90 cum of stone chippings of 13.2 mm size and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). With paving Asphalt grade VG - 30 with no solvent	1656.00	sqm			
224	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade, including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy : For 50mm compacted thickness using coarse aggregate of size 50-20 mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10sqm. With paving asphalt grade VG - 10 @ 50 kg/ 10 sqm.	1656.00	sqm			
225	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.	1656.00	sqm			
226	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by	119.76	Cum			
227	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	50.00	sqm			
228	Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to Mandatory/ Regulatory sign boards of 900 mm diameter with support length of 3750 mm	8.00	Each			
229	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	3.17	Cum			
230	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 500 mm dia RCC pipes.	26.51	Rmt			
231	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:4 (1 cement : 4 coarse sand)	0.28	Cum			
232	Supplying and stacking at site Moorum.	310.74	Cum			
233	80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern. For GRIHA compliance : 1. Interlockig Paver blocks should have high SRI. Please refer to special conditions of contracts for limits.	3732.60	Sqm			
234	Providing, Fixing and installation of 20 KLD STP of MBBR Technology as per the specifications.	1.00	Nos			