


SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
[A]	EXCAVATION, FILLING AND EARTH WORK							
1	Excavation for foundation up to 1.50 m Depth including dewatering, sorting out and stacking of useful materials and spreading excavated stuff whereve required as directed by EIC and disposing of the surplus excavated stuff up to any lead - Dense or Hard soil (Executed with Mechanised efforts/Machinaries)	CMT	2339.00	₹ 159.00	₹ 3,71,901.00			
2	Excavation for foundation above 1.50 m Depth including dewatering, sorting out and stacking of useful materials and spreading excavated stuff whereve required as directed by EIC and disposing of the surplus excavated stuff up to any lead - Dense or Hard soil(Executed with Mechanised efforts/Machinaries)	CMT	105.00	₹ 173.00	₹ 18,165.00			
3	Providing and Filling in plinth including breaking clods, dressing with all lead and lift (including watering, rolling, and consolidation with walk behind vibratory rollers or tamping rammer compactor in layers of 200mm thick at O.M.C to required dry density). Including all Labour charges & Govt royalty charges, etc., if applicable. Approved quality of Murrum/Paraju to be brought from outside. The source area is considered with a lead up to 20 km from the Site.	CMT	102.00	₹ 530.00	₹ 54,060.00			
4	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering, rolling, and consolidation with 8 to 10 T rollers in layers of 200mm thick at O.M.C to required dry density). Including all Labour charges & Govt royalty charges, etc., if applicable. Approved quality of Murrum/Paraju to be brought from outside. The source area is considered with a lead up to 20 km from the Site. Note: 25 % of the successive bill amount shall be retained till the lapse of one full-scale monsoon and rectifications of subsidence, if any, to the design ground level.	CMT	9448.00	₹ 391.00	₹ 36,94,168.00			
5	Filling in the plinth with sand/quarry dust under floors, including watering, ramming, consolidating, and dressing, etc., complete.	CMT	380.00	₹ 484.00	₹ 1,83,920.00			
6	Providing dry stone pitching using 150 to 230 mm size rubble stone including levelling and dressing the sub grade/base to required slope, filling the voids by selected soil watering, consolidating by hand rammer, filling up to the joints with C.M. (1:6) & cement pointing by C.M. (1:2) including curing etc., completed as directed by E.I.C	SMT	550.00	₹ 756.00	₹ 4,15,800.00			
[B]	CONSTRUCTION							
	(1) MASONRY WORK							
7	Providing and laying White stone Bella masonry (incl. quoin blocks, jamb blocks, closer, etc;) approved size in the foundation and up to plinth in C.M. (1:5) including racking out joints up to 12mm depth, scaffolding, curing, filling up the gaps between the joints complete as directed by E.G.. Up to PLINTH.	CMT	142.00	₹ 6,258.00	₹ 8,88,636.00			
8	Providing & laying White stone Bella masonry (incl. quoin blocks, jamb blocks, closer, etc;) approved size in C.M. (1:5) including racking out joints up to 12mm depth, scaffolding, curing, filling up the gaps between the joints complete as directed by E.G.. for Super Structure G.F+F.F+Stair Cabin	CMT	189.00	₹ 6,544.00	₹ 12,36,816.00			
9	Providing and laying brickwork using conventional common burnt clay building bricks having a crushing strength not less than 35 kg/sq.Cm in Superstructure above plinth level in cement mortar 1:5 (1 Cement:5 Sand)	CMT	31.00	₹ 4,554.00	₹ 1,41,174.00			
10	Half Brick masonry in common burnt clay building bricks having a crushing strength not less than 35 kg/sq. m in cement mortar 1:4(1 cement & 4 coarse sand) up to plinth & two floors G.F+F.F+Stair Cabin. - Conventional Bricks	SMT	80.00	₹ 634.00	₹ 50,720.00			
	(2) CONCRETE WORK							

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
11	Providing and laying cement concrete 1:4:8 (1 Cement: 4 Coarse and: 8 black crushed stone aggregate 40mm nominal size) and curing completely- Foundation and plinth.	CMT	659.00	₹ 2,754.00	₹ 18,14,886.00			
12	Providing and laying ordinary cement concrete M-15 for RCC structure, including finishing smooth with curing, etc., complete. excluding the cost of formwork & the cost of reinforcement	CMT	26.00	₹ 4,009.00	₹ 1,04,234.00			
13	Providing & laying control cement concrete M-20 as per mix design, exposed work with curing, etc., complete excluding the cost of ply wood form work & adjustable tubular steel supports / Props and also excluding the cost of reinforcement.G.F+FF & Staircase - For Footing base of col., foundation & mass concrete.	CMT	714.00	₹ 4,097.00	₹ 29,25,258.00			
14	Providing & laying control cement concrete M-20 as per mix design, exposed work with curing, etc., complete, including the cost of ply wood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase -For Column	CMT	377.00	₹ 10,103.00	₹ 38,08,831.00			
15	Providing & laying control cement concrete M-20 as per mix design, exposed work with curing, etc. Complete, including the cost of plywood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase - For Beams	CMT	11.00	₹ 7,911.00	₹ 87,021.00			
16	Providing & laying control cement concrete M-20 as per mix design exposed work with curing, etc., complete including the cost of ply wood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircasse Lintel, Chajja, Slab, Coping, and other cantilever portion	CMT	91.00	₹ 6,756.00	₹ 6,14,796.00			
17	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete including the cost of ply wood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase Vertical Wall, Retaining Wall.	CMT	516.00	₹ 6,292.00	₹ 32,46,672.00			

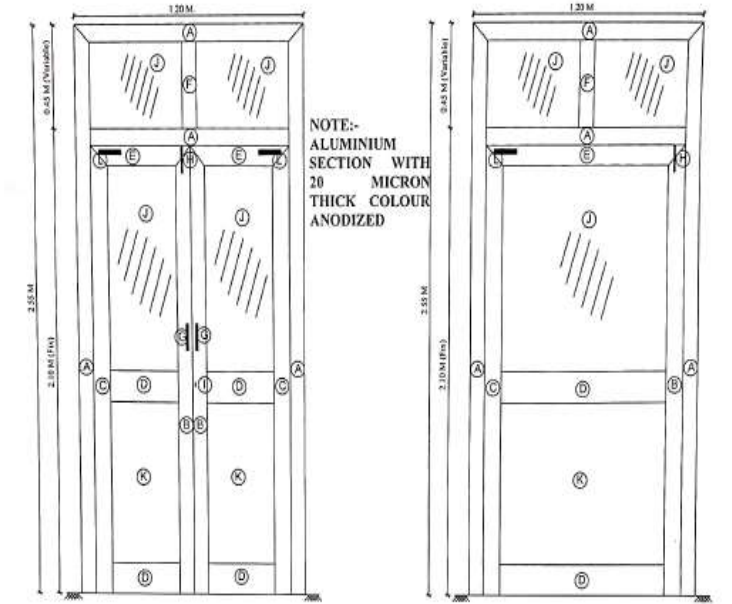
SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
18	Providing and Laying Controlled cement concrete M20 for trimix RCC road to require line, level, slope excluding the cost of Reinforcement & including of using a 125-micron polythene sheet at the base of concrete, Mixing approved quality polyester fiber (12mm) @125 gm per bag or as per manufacturer's specification during concreting including preparing the sub base with formwork of M.S. C Channel sections of required length & height as per drawing including connection, bracing pins, or stake to maintain line, level & slope, etc. with using a needle Vibrator, surface vibrator & Double beam screed vibrator for concrete compaction and finishing the surface with Power Trowel Cum Floater including any low or high spots shall be made up by adding or removing concrete and refinished to required line, level and slope, light brooming on the surface with providing construction joint using a Concrete Groove Cutter machine of size 10 mm wide & 25 mm deep in transverse direction @ 4.5 M C/C and sealing with approved quality grade B bitumen sealant and providing Contraction (Dummy) joint using a Concrete Groove Cutter machine of size 5 mm wide & 25 mm deep in Longitudinal direction and sealing with approved quality grade B bitumen sealant and also providing expansion joints of size 25 mm width and up to through depth of concrete using 25 mm thick Dura Board HD-100 of approved quality with 32mm dia dowel bar covered by 63 MM Dia P.V.C pipe cap filled with compressible material and sealing 25x20 MM top with approved quality bitumen sealant at 40 Meter C/C and longitudinally for a 6m wide road.The Item rate includes all necessary equipment, machinery, tools, tackles, laborers & Pond / Jute bag Curing, etc. complete as per the Drawing and as directed by E.I.C. (Minimum cement content for Concrete is 370 Kg/Cmt & Excluding the cost of reinforcement and Dowel bar.)	CMT	102.00	₹ 6,794.00	₹ 6,92,988.00			
19	Providing & laying control cement concrete M-25 as per mix design exposed work with curing, etc., complete, excluding the cost of ply wood form work & adjustable tubular steel supports / Props. and excluding the cost of reinforcement.G.F+FF & Staircase -For Footing base of col., foundation & mass concrete.	CMT	126.00	₹ 4,368.00	₹ 5,50,368.00			
20	Providing & laying control cement concrete M-25 as per mix design exposed work with curing, etc., complete, including the cost of ply wood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase -For Column	CMT	48.00	₹ 10,164.00	₹ 4,87,872.00			
21	Providing & laying control cement concrete M-25 as per mix design exposed work with curing, etc., complete, including the cost of ply wood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase -For Beams.	CMT	61.00	₹ 7,972.00	₹ 4,86,292.00			
22	Providing & laying control cement concrete M-25 as per mix design, exposed work with curing, etc. Complete, including the cost of plywood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase -For Sill, Lintel, Coping, chajja, slab, Staircase & Cantilever	CMT	88.00	₹ 6,906.00	₹ 6,07,728.00			
23	Providing & laying control cement concrete M-25 as per mix design exposed work with curing etc. complete including the cost of ply wood form work & adjustable tubular steel supports / Props. but excluding the cost of reinforcement.G.F+FF & Staircase Paradi, Retaining Wall Pardi	CMT	4.00	₹ 7,971.00	₹ 31,884.00			
24	Supplying and using of reliance or equivalent brand-approved quality polyester Recron 3 S (12 mm) fiber in the concrete of any grade/ cement mortar work at a rate of 125 gm per cement bag or as per manufacturer's specification and as directed by E.I.C.	NO	2211.00	₹ 53.00	₹ 1,17,183.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
25	Supplying and using floor hardener (dry powder form) of Fosroc,Ultratech, Sika, equivalent brand for use in RCC Trimix Road at a rate of 3.5 kg/sqmt or as per manufacturer's specification, etc., complete as directed by EIC.	Kg	2540.00	₹ 12.00	₹ 30,480.00			
26	Providing formwork of plywood shuttering to give a smooth exposed finish, including centering (adjustable tubular steel supports). Shuttering, strutting, and propping, etc., for any height of propping and centering below supporting floor to ceiling, and removal of the same for reinforced concrete and plain concrete. For Footings, foundations, and pedestals.	SMT	1074.00	₹ 186.00	₹ 1,99,764.00			
27	Providing & Fixing in position as per approved drawing Thermo michanically treated FE 500/500D reinforcemnet bars confirmong to IS 1786 in RCC work including Cutting,bending, binding with 16 gauge annealed wire, of bars as per IS requirenment If necessary and placing in position etc. completed for RCC work. etc completed as directed by EIC.	MT	207.50	₹ 76,520.00	₹ 1,58,77,900.00			
28	Providing fusion bounded epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS - 13620-1993 / ASTM - 775 M including testing of coating at plant.	MT	207.50	₹ 8,643.00	₹ 17,93,422.50			
29	Providing & laying 50 to 75 mm thick Grouting with Non-Shrink GP2 Grouting material of Fosroc Conbextra GP2, Ultratech power Grout NS2, POLYGROUT-NS or equivalent having the minimum compressive strength of 45 N/Sqmm mixing as per manufacturer's specification, including necessary shuttering, tool tackles, labor, etc, completed as directed by EIC.	SMT	122.00	₹ 2,036.00	₹ 2,48,392.00			
30	Providing & laying 40 mm thick cement concrete flooring (IPS) 1:2:4 (1-cement: 2-coarse sand: graded stone aggregate 20 mm nominal size) laid in one layer, including finishing the floor with smooth cement slurry, marking diagonal lines, curing, etc., complete as directed by E.I.C.	SMT	478.00	₹ 295.00	₹ 1,41,010.00			
	(3) PLASTER WORK							

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
31	<p>Providing and applying 15 mm thick chemical plaster to the ceiling/Slab using Self curing special ready plast (Ready mix plaster) of Ultratech, Fosroc, Megicrete, JSW cement,Walplast brand as per following steps:</p> <p>Step: 1 Cleaning: Clean the surface from dirt, oil and foreign material with brush or water jet. Clean efflorescence of the salts by scrubbing. Concrete surface shall be hacked.</p> <p>Step: 2 Glass Fibre / wire mesh : All concrete & Block joints must be covered with a glass fibre / wire mesh. (Which will be paid separately)</p> <p>Step 3: Pre wetting: Dampen the Surface.</p> <p>Step 4 : Mix preparation: In 6-7 litter of potable water add 40kg ready mix mortar. and leave fto slake for 10 min. Then Machine mixing shall be done for 5-10 min.</p> <p>Step 5 : Dash Coat : A Dash coat mixture should be thrown on wall.</p> <p>Step 6 : 1st Coat: A dot means patch of plaster of size 15 cm X 15 cm and having thickness of about 10 mm or proposed thickness of base coat shall be laid at every 2m X 2m grid. Apply 1st coat of 8-10mm thick. The surface shall be left rough and furrowed 2 mm deep with a scratching tool diagonally both ways, to form key for the subsequent coat.</p> <p>Step 7 : 2nd coat : Each coat shall be kept damp till subsequent coat is applied. It shall be carried out preferably within 48hours of the previous coat. Second coat of 6-8mm thick shall be applied.</p> <p>complete as directed by the in-charge engineer.</p>	SMT	771.80	₹ 287.00	₹ 2,21,506.60			
32	<p>Providing 15mm thick sand face plaster on masonry / bela / concrete wall using special ready mix plaster Ultratech, Fosroc, Megicrete, JSW cement,Walplast brand as per following steps:</p> <p>Step: 1 Cleaning: Clean the surface from dirt, oil and foreign material with brush or water jet. Clean efflorescence of the salts by scrubbing. Concrete surface shall be hacked.</p> <p>Step: 2 Glass Fibre / wire mesh : All concrete & Block joints must be covered with a glass fibre / wire mesh. (Which will be paid separately)</p> <p>Step 3: Pre wetting: Dampen the Surface.</p> <p>Step 4 : Mix preparation: In 6-7 litter of potable water add 40kg ready mix mortar. and leave fto slake for 10 min. Then Machine mixing shall be done for 5-10 min.</p> <p>Step 5 : Dash Coat : A Dash coat mixture should be thrown on wall.</p> <p>Step 6 : 1st Coat: A dot means patch of plaster of size 15 cm X 15 cm and having thickness of about 10 mm or proposed thickness of base coat shall be laid at every 2m X 2m grid. Apply 1st coat of 8-10mm thick. The surface shall be left rough and furrowed 2 mm deep with a scratching tool diagonally both ways, to form key for the subsequent coat.</p> <p>Step 7 : 2nd coat : Each coat shall be kept damp till subsequent coat is applied. It shall be carried out preferably within 48hours of the previous coat. Second coat of 6-8mm thick shall be applied.</p> <p>Step: 8 : Curing: Curing for minimum 7days shall be carried out with minimum 3 times a day.</p> <p>complete as directed by the in-charge engineer.</p>	SMT	2608.00	₹ 327.00	₹ 8,52,816.00			

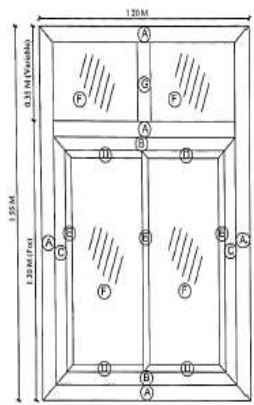
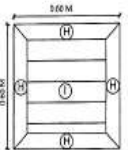
SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
33	<p>Providing and applying 20 mm thick ready-mix plaster with two or more coat to the masonry wall/bela/concrete wall/ceiling up to any height using special ready mix mortar of Ascolite, Weberpremix SP 7, Ultratech, Fosroc, Megicrete, JSW cement brandas per following steps:</p> <p>Step: 1 Cleaning: Clean the surface from dirt, oil and foreign material with brush or water jet. Clean efflorescence of the salts by scrubbing. Concrete surface shall be hacked.</p> <p>Step: 2 Glass Fibre / wire mesh : All concrete & Block joints must be covered with a glass fibre / wire mesh. (which will be paid separately.</p> <p>Step 3: Pre wetting: Dampen the Surface.</p> <p>Step 4 : Mix preparation: In 6-7 litter of potable water add 40kg ready mix mortar. and leave fto slake for 10 min. Then Machine mixing shall be done for 5-10 min.</p> <p>Step 5 : Dash Coat : A Dash coat mixture should be thrown on wall.</p> <p>Step 6 : 1st Coat: A dot means patch of plaster of size 15 cm X 15 cm and having thickness of about 15 mm or proposed thickness of base coat shall be laid at every 2m X 2m grid. Apply 1st coat of 10-15 mm thick. The surface shall be left rough and furrowed 2 mm deep with a scratching tool diagonally both ways, to form key for the subsequent coat.</p> <p>Step 7 : 2nd coat : Each coat shall be kept damp till subsequent coat is applied. It shall be carried out preferably within 48hours of the previous coat. Second coat of 8-10mm thick shall be applied.</p> <p>Step: 8 : Curing: Curing for minimum 7days shall be carried out with minimum 3 times a day.</p> <p>complete as directed by the in-charge engineer.</p>	SMT	1109.00	₹ 506.00	₹ 5,61,154.00			
34	Providing & fixing 18 gauge wire mesh jali having a width of 200 to 300 mm with nails before finishing the surface with plaster. The item includes providing necessary scaffolding also)	SMT	510.00	₹ 184.00	₹ 93,840.00			
35	Providing cement vata (10cmx10cm size) quarter round in cement mortar 1:1 including neat cement finishing watering etc. complete.	RMT	150.00	₹ 24.00	₹ 3,600.00			
	(4) PAINT WORK							
36	Providing & Applying Two coats of Birla or Asian Acrylic Lappy (Putty) and two Coats of primer of approved brand and manufacture on the new wall/ceiling surface to give an even shade, including thoroughly brushing the surface free from mortar dropping and other foreign matter, and sandpapering smooth. (Note: Before making final payment to agency warranty certificate from the original manufacture for specific project on the name of agency must be collected.)	SMT	1270.00	₹ 40.00	₹ 50,800.00			
37	Providing and applying Wall painting (three coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. Minimum 03 year warranty certificate to be taken from paint brand. (Note: Before making final payment to agency warranty certificate from the original manufacture for specific project on the name of agency must be collected.)	SMT	1219.00	₹ 127.00	₹ 1,54,813.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
38	Providing & applying 1 coat of Dr. Fixit, Asian Paints, Berger brand Damp Proof material on existing plastered surface or approved make & shade, including finishing & thinning as per manufacturer's instruction. The work should be carried out strictly as per the manufacturer's specification and requirement comp. as directed by EIC. (Note: Before making final payment to agency warranty certificate from the original manufacture for specific project on the name of agency must be collected.)	SMT	3041.00	₹ 76.00	₹ 2,31,116.00			
39	Providing & applying 2 coats of APOCOLITE APEX or its equiv. ACRYLIC WEATHERPROOF EXTERIOR EMULSION paint on existing plastered surface or approved make & shade including finishing & thinning as per manufacturer's instruction. A gap of 6 hrs. Should be given between 2 subsequent coats. The work should be carried out strictly as per manufacturer's specification and requirement comp. as directed by EIC. Minimum 05 year warranty certificate to be taken from paint brand. (Note: Before making final payment to agency warranty certificate from the original manufacture for specific project on the name of agency must be collected.)	SMT	3041.00	₹ 121.00	₹ 3,67,961.00			
40	Providing & applying 3 coats of ACID/ALKALI resisting paint of approved shade & make to the wall, ceiling, including filling putty, smoothing the surfaces, scaffolding, etc., complete as directed by E.I.C.	SMT	36.00	₹ 127.00	₹ 4,572.00			
41	Providing whitewashing with lime on wall/ceiling surfaces (three coats) to give an even shade, including thoroughly brooming the surface to remove all dirt, dust, mortar drops, and other foreign matter.	SMT	102.00	₹ 19.00	₹ 1,938.00			
42	Providing & Applying EPOXY two component coating system based on synthesized epoxy resin and amine adduct manufacture as per technical specification of central electro chemical research (CERCI/CSIRKARAIKUDI) to achieve 400-450 microns DFT in two coats as directed. The coating system comprising EXOPY POLYIMIDE ZP PRIMER and POLYIMIDE COATING shall be used in appropriate ratio as per manufacture and shall comply the CERCI technology of " comprehensive repair & protection of concrete structures	SMT	2696.00	₹ 335.00	₹ 9,03,160.00			
43	Providing & Applying tar extended two component coating system based on synthesized epoxy resin and amine adduct manufacture as per technical specification of central electro chemical research (CERCI/CSIRKARAIKUDI) to achieve 400-450 microns DFT in two coats as directed. The item includes cleaning the surface before treatment as per manufacturer specification. The coating system EPCO2020TX or equivalent shall comply the CERCI technology of " comprehensive repair & protection of concrete/steel surface in wet & underwater codition". The rate shall be inclusive of all materials labour equivalent scaffolding etc.	SMT	6298.00	₹ 392.00	₹ 24,68,816.00			
	(5) FLOORING							
44	Providing and laying 24"x24" Vitrified 8 to 10 mm thick tiles JOHNSON / KAJARIA / NITTCO / VARMORA / SIMPOLO or approved by GETCO or GSECL (600mm x 600mm) flooring over 20mm (Average) base of Cement Mortar 1:6 (1-Cement : 6 Coarse Sand) on new surface or fixing on existing flooring by adhesive materials and also for skirting and dado on 10mm thick cement plaster in 1:3 including dismantalling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc complete for light shade	SMT	31.00	₹ 1,282.00	₹ 39,742.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
45	Providing and laying color glazed tiles- JOHNSON / KAJARIA / NITTCO / VARMORA / SIMPOLO or or approved by GETCO or GSECL 8 to 10 mm thick in flooring & Dedo laid on bed of 12mm thick cement mortar 1:3 (1 cement : 3 course sand) & fixing the same in cement & providing 12 mm thick back coating of cement plaster in CM 1:3 for base, filling the joints with white/color cement neatly finishing the joints curing etc. complete.	SMT	174.00	₹ 1,509.00	₹ 2,62,566.00			
46	Providing and laying approved quality polished Kotah stone slab (25mm th. 600mm x 600mm in size) flooring including using 35x25mm approved quality machine cut, marble strip over 20mm (average) thick base of cement mortar 1:6 (1 cement: 6 course sand or L.M. 1:1.5 laid over and jointed with grey cement slurry including rubbing and mirror polishing using a polishing machine with grinding six emery's of different no. including using special chemical powder for polishing, including white cement coating two times during polishing to fill up minute holes or cracks in joints, etc.. The item rate includes removing the existing flooring, including base concrete, and throwing the stuff as & where directed up to any lead. Etc. complete as directed by E.I.C. The waste material will be the property of the contractor.	SMT	250.00	₹ 1,168.00	₹ 2,92,000.00			
47	Providing and laying polished Kota stone slab 25 mm thick in risers of steps, Dedo and sills laid on 10 mm thick CM 1:3 & jointed with grey cement slurry, including rubbing and polishing, etc., complete.	SMT	34.00	₹ 1,124.00	₹ 38,216.00			
48	Providing and laying gang saw cut 18mm thick Galaxy black granite stone , mirror polished pre moulded and pre polished machine cut granite stone of required size and shape, shade and colour in sill soffit, jams, tred riser, flooring, platform etc over 20mm base of cement mortar 1:6 (1-cement:6 coarse sand) laid or fixing with areldite, or fixing in wall with cutting and jointed with grey cement slurry mixed with pigment, epoxy touchups to match the shade of slab including rubbing polishing etc complete-18mm thick for sills, jams.	SMT	58.00	₹ 3,875.00	₹ 2,24,750.00			
	(6) DOORS AND WINDOWS					<div>DETAILS OF ALUMINIUM - DOOR AS PER GETCO SPECIFICATION</div> <div></div>		
49	Providing and fixing fully glazed / partly glazed double leaf 20 micron thick colour anodized aluminium door with following listed extruded section manufactured by Jindal luminium Ltd. & other accessories,the Alluminium sections are of HE9WP Group: 1) with door outer frame section of 63.5 x 38.1 x 3.18 mm thick weighing 1.777 kg/Rmt (J4605) 2) Door shutter vertical style (meeting style) of 53.7 x 44.45 x 2.30mm thickness (J4537) weighing 1.238 Kg/m 3) Hinge side 53.7 x 44.45 x 2.30mm thickness (J4540) weighing 1.173 Kg/Rmt 4) Bottom rail of size 150 x 44.45 x 2.40mmthickness (J4538) weighing 2.376 Kg/Rmt 5) Lock rail of size 150 x 44.45 x 2.40mm thickness (J4538) weighing 2.376 Kg/Rmt 6) Top rail of size 47.62 x 44.45 x 3.18mm thickness(J4506) weighing 1.501 Kg/Rmt 7) Ventilator middle member (if required) 49.91 x 44.45 x 3.00mm thickness (J4621) weighing 1.495 Kg/ Rmt 8) Aluminium handle 127.00 x 37 x 3.65mm thickness (J4483) weighing 1.912 Kg/No. 9) Tower bolt 250mm long (J4954) 10) Aluminium bending mortice lock (J4420) 11) Top panel using 6.0mm thick Triveni or Modi or Saint Gobain make float glass fixed with PVC Clear gasket 12) Bottom panel using 12mm thick exterior grade prelaminated particle board of make approved by the Engineer - in - Charge (for partly glazed door) fixed with virgin PVC clear gasket 13) Floor Spring type Door Closer of make approved by the Engineer-in-Charge, with all other required fixtures and fastening of colour anodised with aluminium beading, with all labour and materials, etc., complete as directed by EIC. Aluminium section user for fixing hinges, door closer, etc., shall be filled with country teak wood to receive screws.	SMT	17.00	₹ 4,042.00	₹ 68,714.00			

LEGEND FOR ALUMINIUM DOOR

SR. NO.	MARKED	JINDAL CODE	DESCRIPTION	SECTION SIZE / BRAND	WEIGHT KG./M
1	A	4605	OUTER FRAME	63.5 X 38.1 X 3.18	1.777
2	B	4537	DOOR SHUTTER VERTICAL STYLE (MEETING STYLE)	53.7 X 44.45 X 2.30	1.238

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT																																										
50	Providing and fixing window having extruded 20 micron thick colour anodized frame main outer size 63.50x38.10x1.95mm (of Jindal Section no:4605, @ wt 1.094Kg/Rmt), horizontal two track member size 61.85mm x 31.75mm x 1.20mm(of Jindal Section mo: 8687 @ wt of 0.695 Kg/mt), vertical member of size 61.85mm x 31.75mm x1.30mm(of Jindal section no: 8758 @ wt of 0.695 Kg /mt) with Sliding Shutters of horizontal member Size 40mm x 18mm x 1.29mm(of Jindal section no: 8949 @ wt of 0.456Kf/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section: 8947 @ wt 0.457 Kg/mt, section 8948 @ 0.457kG/mt) with 5 mm thick transparent bronze colour/white tinted float glass with aluminium fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for Window.	SMT	32.00	₹ 2,884.00	₹ 92,288.00	3	C	4540	DOOR SHUTTER VERTICAL STYLE (HINGE SIDE)	53.7 X 44.45 X 2.30	1.173																																				
						4	D	4538	DOOR SHUTTER BOTTOM RAIL & LOCK RAIL	150 X 44.45 X 2.40	2.376																																				
						5	E	4506	DOOR SHUTTER TOP RAIL	47.62 X 44.45 X 3.18	1.501																																				
						6	F	4621	VENTILATOR MIDDLE MEMBER	48.91 X 44.45 X 3.00	1.495																																				
						7	G	4483	ALUMINUM HANDLE	127.00 X 37.00 X 3.65	1.912																																				
						8	H	4954	TOWER BOLT	250MM LONG	----																																				
						9	I	4420	MORTISE LOCK	----	----																																				
						10	J	----	6MM THICK FLOAT GLASS WITH PVC CLEAR GASKET	TRIVENI / MODI / SAINT GOBAIN	----																																				
						11	K	----	EXTERIOR GRADE PRELAMINATED PARTICLE BOARD WITH PVC CLEAR GASKET	12MM THICK	----																																				
						12	L	----	DOOR CLOSER	----	----																																				
DETAILS OF ALUMINUM - WINDOW & VENTILATOR AS PER GETCO SPECIFICATION																																															
52	<p>uPVC Casement Door: Providing and fixing factory made uPVC Casement white colour door Double Panel of VEKA or its equivalent make comprising of lead free uPVC multi chambered frame, sash and mullion / coupler (wherever required) extruded profile having minimum wall thickness of 2.10mm for R3 and R4 profiles confirming to EN:12608 in any shape and size as per CPWD specification, uPVC extruded glazing beds, interlocks and inline sash adaptor (wherever required) of appropriate dimension, EPDM gasket, hardware, SS304 grade fasteners of minimum 8mm dia with counter sunkhead, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary necessary stainless steel screws etc. Profile of frame, sash and mullion shall be mitred cut and fusion welded / mechanically jointed duly sealed at cornders, including drilling of holes for fixing hardware and drainage of water etc. After fixing the frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality all complete confirming to CPWD specification and direction of Engineer in charge. Section of steel reinforcement and cross section of uPVC profile to be approved by Executive Engineer.</p> <p>Double panel casement door with French (False) Mullion with Zink alloy (zamak) 3D Hinges, multipoint locking system, Zink alloy (Zamak) powder coated handles on both sides. Using R4 series with frame (64mm and above) X (55mm and above) & Sash (64mm and above) X (100mm and above) & French (False) Mullion (64mm and above) x (60mm and above) and Float glass pane of nominal thickness 5mm (weight not less than 12.5kg/sqm).</p> <p>Note: Structural design proof checked from Government Engineering Institute, to be provided by manufacturer considering site with basic wind speed > 45 m/sec as per IS 875 - Part 3.</p>	SMT	11.00	₹ 9,649.00	₹ 1,06,139.00	<div><div><p>DETAILS OF TWO TRACK WINDOW</p></div><div><p>NOTE:- ALUMINIUM SECTION WITH 20 MICRON THICK COLOUR ANODIZED</p><p>DETAILS VENTILATION</p></div></div>																																									
<div><div>LEGEND FOR ALUMINIUM WINDOW & VENTILATOR</div><table><tr><th>SR. NO.</th><th>MARKED</th><th>JINDAL CODE</th><th>DESCRIPTION</th><th>SECTION SIZE / BRAND</th><th>WEIGHT KG./M</th></tr><tr><td>1</td><td>A</td><td>4605</td><td>WINDOW OUTER FRAME</td><td>63.5 X 38.1 X 1.95</td><td>1.094</td></tr><tr><td>2</td><td>B</td><td>8687</td><td>WINDOW HORIZONTAL TWO TRACK MEMBER</td><td>61.85 X 31.75 X 1.20</td><td>0.695</td></tr><tr><td>3</td><td>C</td><td>8758</td><td>WINDOW VERTICAL TWO TRACK MEMBER</td><td>61.85 X 31.75 X 1.30</td><td>0.695</td></tr><tr><td>4</td><td>D</td><td>8949</td><td>WINDOW SLIDING SHUTTER HORIZONTAL MEMBER</td><td>40.00 X 18.00 X 1.29</td><td>0.456</td></tr><tr><td>5</td><td>E</td><td>8947 / 8948</td><td>WINDOW SLIDING SHUTTER VERTICAL MEMBER</td><td>40.00 X 18.00 X 1.29</td><td>0.457</td></tr></table></div>												SR. NO.	MARKED	JINDAL CODE	DESCRIPTION	SECTION SIZE / BRAND	WEIGHT KG./M	1	A	4605	WINDOW OUTER FRAME	63.5 X 38.1 X 1.95	1.094	2	B	8687	WINDOW HORIZONTAL TWO TRACK MEMBER	61.85 X 31.75 X 1.20	0.695	3	C	8758	WINDOW VERTICAL TWO TRACK MEMBER	61.85 X 31.75 X 1.30	0.695	4	D	8949	WINDOW SLIDING SHUTTER HORIZONTAL MEMBER	40.00 X 18.00 X 1.29	0.456	5	E	8947 / 8948	WINDOW SLIDING SHUTTER VERTICAL MEMBER	40.00 X 18.00 X 1.29	0.457
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(7) FABRICATION ITEMS																																															

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT																														
53	Providing and fixing approved quality Rolling shutters of approved make and made with gear operated type with crane handle as per IS 6248 -1979 having 18 gauge sheet thickness and 80mm wide M.S. Laths interlocked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates guide channels and arrangements for inside locking with push-pull operation complete including the cost of hood cover with one coat of red oxide primer followed by 3 coats of an oil painting of approved shade & tint etc complete as directed by E.I.C (The measurement shall be paid for wall opening plus drum only) (A) Shutter having width below 3.5 meters.	SMT	23.00	₹ 5,334.00	₹ 1,22,682.00	<table><tr><td>6</td><td>F</td><td>---</td><td>5MM THICK TRANSPARENT BRONZE COLOUR / WHITE TINTED FLOAT GLASS WITH PVC CLEAR GASKET</td><td>TRIVENI / MODI / SAINT GOBAIN</td><td>---</td></tr><tr><td>7</td><td>G</td><td>4621</td><td>VENTILATOR MIDDLE MEMBER</td><td>48.91 X 44.45 X 3.00</td><td>1.495</td></tr><tr><td>8</td><td>H</td><td>2434</td><td>VENTILATOR OUTER FRAME</td><td>63.00 X 38.10 X 1.20</td><td>0.643</td></tr><tr><td>9</td><td>I</td><td>---</td><td>5MM THICK WHITE / BROWN GLASS FIXED HORIZONTAL LOUVERS IN ALUMINIUM CHANNEL</td><td>---</td><td>---</td></tr></table>						6	F	---	5MM THICK TRANSPARENT BRONZE COLOUR / WHITE TINTED FLOAT GLASS WITH PVC CLEAR GASKET	TRIVENI / MODI / SAINT GOBAIN	---	7	G	4621	VENTILATOR MIDDLE MEMBER	48.91 X 44.45 X 3.00	1.495	8	H	2434	VENTILATOR OUTER FRAME	63.00 X 38.10 X 1.20	0.643	9	I	---	5MM THICK WHITE / BROWN GLASS FIXED HORIZONTAL LOUVERS IN ALUMINIUM CHANNEL	---	---
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54	Providing & fixing MS Grill /angle of approved quality & design & as per drawing & as directed with 3 coats of oil painting of approved shade & tint with one coat of red oxide primer including grouted hold fast etc. complete as directed by EIC.	KG	862.00	₹ 115.00	₹ 99,130.00																														
55	Steel Work, welded in built up section frame work including cutting, hoisting, fixing in position with 3 coats of oil painting of approved shade & tint with one coat of red oxide primer.	KG	1187.00	₹ 96.00	₹ 1,13,952.00																														
56	Providing and fabricating and erecting GI work Welded Angle posts, racks & trays for cable trench using structural steel angels and flats, sheets, etc. of approved steel manufacturer as per drawing & design including cutting, welding & fixing hold fast in wall with C.C. & with hot deep galvanized as per IS-2633/72 and 209 of 1966 or latest amendment etc. & make etc. completed as directed by EIC. (All materials required for the work are to be brought by the contractor.)	KG	12514.00	₹ 110.00	₹ 13,76,540.00																														
57	Providing fabricating and erecting a GI chain link fencing panel of size 2400x2000mm made from 75x75mm & 10 gauge GI chain link & GI 50x50x6 mm angle, including fixing and chain link in angle frame using 40x3 mm GI flat welded to angle frame. Drilling of holes in angle frame and flat, fixing the same with angle post in line, level and plumb using 10 mm dia bolts and nuts in frame and flat with hot deep galvanizing as per IS-2633/72 & 209 of 1966 or latest amendment, etc complete as per drawing as directed by EIC. (All these materials like MS flat, chain link fencing, GI angles, bolts, nuts will have to be supplied by the contractor)	KG	365.00	₹ 111.00	₹ 40,515.00																														
58	Supply, fabrication, cutting, threading of M.S rod , including hot dip galvanizing of full length , and required size, including 2 Nos of hex nuts with check nut, lock nut, plain washer, spring washer, base plate 65X10 thick stopper pit welded at end. etc, complete as directed by E.I.C	KG	1778.00	₹ 142.00	₹ 2,52,476.00																														
59	Setting of TR Rail for transformer plinth in line, level, and gauge before concreting of foundation and making necessary holes in rail poles if required & fixing the foundation bolts and fixing template in such a way as it remains in position during concrete as directed by EIC.	SET	3.00	₹ 1,010.00	₹ 3,030.00																														
60	Transportation of TR Rail poles , breaker foundation bolts of any dimension size from Amreli construction Division store to the erection work site, including loading, unloading, carting, and all necessary labour works, etc., completed as directed by the Engineer in charge.	MT	2.00	₹ 2,676.00	₹ 5,352.00																														
61	Setting of template & foundation bolts in line and level before concreting of foundation and making arrangement of fixing template in such a way as it remains in position during concrete, etc. comp. As directed by EIC. Note: The rate includes supplying and setting both.	NO	144.00	₹ 246.00	₹ 35,424.00																														
62	Providing & fixing M.S. ladder 450mm wide or 50x6 mm M.S. flat and 16mm dia M.S. Bars welded as step at 300mm C/C and fixing the ladder & 3 coats of oil painting, etc., complete as directed by E.I.C.	RMT	10.00	₹ 899.00	₹ 8,990.00																														

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SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
63	Providing & Fixing SIGN BOARD having size 1000 X 750 mm. for SUB-STATION made from 16 gauge M.S. Sheet having frame work of 35X35X3 mm. M.S. angle all-round & 4 vertical intermediate angle supports at equal distance welded to sheet with 2 Nos. of 50X50X6 mm. M.S. angle posts 3.0 M. long with arrangement of bolting, 3 coats of oil painting etc., complete as directed by E.I.C	NO	2.00	₹ 6,169.00	₹ 12,338.00			
64	Providing and fixing approved quality sliding gate of 40mm dia mild steel pipe B class all round and 20mm dia Mild steel pipe at 200mm C/C and 12mm mild steel square bars at 200mm C/C alternatively (I.e. One between two pipes) vertically welded to 40mm dia pipe frame as per drawing and design with necessary brackets, hold fasts, locking arrangement on top & aldrop on both the side including base rail for sliding the gate having ball bearing, rollers & guide tracks of 50x6mm M.S. flat with hold fast, fabrication of side supports including fixing GETCO letter on front side etc. comp. with three coats of approved oil painting & one coat of red oxide primer as directed by EIC (The cost does not include the cost of reinforcement)	SMT	27.00	₹ 2,239.00	₹ 60,453.00			
65	Supplying & Fixing 600 mm dia hot dip galvanising cross spiral type razor edge concertina coil having 80 circles, 200 clips with optimum openable stretch of 8m length using a central core wire high carbon spring steel (High tensile wire) made up of 2.6mm dia as per IS:4454, Part-1, grade-1-II having minimum galvanising of 230-250 gsm per mm2 around which a edge of razor sharp barbs strip of 5mm thick & 19mm width confirming to IS:513DD quality having minimum galvanizing coating of 12 microns with series of barbs punched along the length at regular interval support / tied with two rows of barbered runner wires to newly proposed MS / GI angle brackets at top and one runner wire at the bottom with U nails & clips etc complete as per manufacturers specification and directed by EIC. (The item rate does not include the rate of MS / GI angles.)	RMT	292.00	₹ 303.00	₹ 88,476.00			
	(8) MISC.							
66	Providing & fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed Vibrated mechanically and as per approved designed confirming to IS 15658:2006 including compacting soil base by hand rammer before spreading 75mm sand layer for levelling and filling the Joints with sand in proper line and level as per guidlines of IRC:SP 63-2018 etc.	SMT	152.00	₹ 720.00	₹ 1,09,440.00			
67	Providing & placing 50mm thick & 300mm wide Prestressed Concrete Cover (for clear span of up to 1.2 meter in proportion (1:1:5:3) or M-20 necessary reinforcement or 4mm dia HT steel wire-4 Nos. bars and 4mm dia. distribution bars at 150 mm C/C as per drawing & design, vibrating with vibrators. Finishing all the surfaces, curing by placing in a water pond for ten days, etc. Complete as directed by E.I.C. (The rate includes cost of all material required, labour charges, transportation, loading, unloading, etc.	SMT	253.00	₹ 599.00	₹ 1,51,547.00			
68	Providing and fixing 12 mm dia MS Fan hooks embedded in slab or beam during casting as per instruction, including 3 coats of oil paint, etc., complete as directed by EIC.	NO	25.00	₹ 134.00	₹ 3,350.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
69	Providing & applying water proofing treatment by Smart Care damp proof ultra of Asian paints or equivalent by (1) cleaning the terrace, parapet wall etc. complete by means brush, water etc. & make it complete dust free (2) Applying crack seal on cracks of terrace roof, parapet etc (3) providing first coat of self priming smart care damp proof ultra of asian paints or equivalent using brush & by adding 33% thinner (water) & kept surface free for 4-6 hours for making dry (4) applying first coat of water proofing smart care damp proof ultra of asian paints or equivalent using roller without adding any thinner & kept surface free for 4-6 hours for making it dry (5) joints of parapet & slab packing work by smart care joint tap of asian paints or equivalet (6) applying second coat of water proofing smart care damp proof ultra of asian paints or equivalent utilizing roller without adding any thinner & kept surface free for 4-6 hours for making it dry. The contractor shall submit the performance guarantee of manufacture. The contractor shall also submit a performance guarantee of the waterproofing item at the rate of 20% of the cost of an item of work order for a period of 5 years from the actual date of completion of work on stamp paper of appropriate value in the approved format of GETCO. The agency has to give consent to deduct 20% of the cost of an item of work order for a period of 5 years from the actual date of completion from his bill and shall be withheld as a performance guarantee for five years. (Note: Before making final payment to agency warranty certificate from the original manufacture for specific project on the name of agency must be collected.)	SMT	263.00	₹ 376.00	₹ 98,888.00			
70	Providing & applying anti-termite treatment , as per IS 6313 (Part II & II 2001) for building works in pre-construction & post const stages, using chemicals conforming to relevant IS in water emulsion and effective when applied uniformly over the area to be treated. The chemical to be used is chlorophriphos 20% EC or its equivalent. The treatment is to be carried out as per the procedure mentioned below, and the treated plinth surface area is to be taken for measurement. (with performance guarantee for 5 years)a)For pre-construction treatment: For plinth filling & periphery holes in side plinth to be drilled 300mm C/C each having depth 1.5M and for inside plinth the holes are to be treated with diluted chemical solution, 1.5 lit. per hole, in the ratio of 1:20. For the periphery, i.e. outside plinth, the ditch is to be treated with diluted solution 2.25 litres per rmt. In the ratio 1:20. The entire surface area is to be treated with a diluted solution of dose 2.5 litres per smt. over and above as a plinth surface treatment. The contractor shall submit a performance guarantee of the anti-termite item at the rate of 20% of the cost of the executed quantity of item of work order for a period of 5 years from the actual date of completion of work on stamp paper of appropriate value in the approved format of GETCO. The agency has to submit the 20% of cost of executed quantity in the form of DD/BG of Schedule Bank / Nationalised Bank in favour of GETCO (A/c Agency) for a period of 5 years from actual date of completion from his bill and shall be withheld as a performance gaurantee for five years..	SMT	270.00	₹ 133.00	₹ 35,910.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
71	Providing & fixing approved quality 300x300mm size marble year plate with black border all round & letters, including fixing the same in cement mortar etc.. comp. As directed by EIC.	NO	1.00	₹ 303.00	₹ 303.00			
72	Painting the letter with the best enamel oil paint in 200 to 250mm size, etc., complete as directed by EIC (paint should be brought by the contractor)	Per Letter Per Cm/Ht.	200.00	₹ 3.00	₹ 600.00			
73	Providing plantation & development of plants /trees/flowers, ornamental plants, & garden shrubs, small trees, of plants of selected & approved name quality, size, & growth in good condition. The work includes the cost of plants, materials, and digging a pit in the soil of size 0.6x0.6x0.6 mtr soil for planting trees. mixing manure & refilling pit with good earth, watering as & where required. Providing pesticides/fertilizer for maintenance, replacement & replacement of dead plants during maintenance.cleaning,removing,labour,tools & tackles transportation,loading & un loading etc.complete as directed by E.I.C.	NO	50.00	₹ 314.00	₹ 15,700.00			
74	Providing cages made from plastic/steel net for the protection of outdoor plants /trees/flowers, ornamental plants, & garden shrubs, and small trees. Frame made with steel flat in round or square shape of minimum 375mm dia., vertical height minimum 1500mm, including transportation, fixing at location as directed by EIC,	NO	50.00	₹ 183.00	₹ 9,150.00			
75	Providing and fixing Sign Board made out of 2 mm Aluminium/ ACP sheet of size 120 x 90 cms as per design given by EIC, pre-treated with phosphating process and acid etching, coated with one coat of epoxy primer and two coats of best qualify epoxy paint, reflectorised with retro reflective sheeting as per lates M.O.S.T specifications. Letters and numerals should be as per IRC 30-1968, 3.1m long stand post and frame may be erected from 50 x 50 x 5mm or 75 x 75 x 6 mm as required, and painted with the best quality epoxy coatings. The details of symbols or inscription/numerals for the board shall be as per the instructions of EIC. The fixing at the site shall be in 1:2:4 CC block of size 45 x 45 x 60 cm for each leg, including excavation, concreting curing, etc, complete under supervision of EIC.	NO	2.00	₹ 10,818.00	₹ 21,636.00			
[C]	WATER SUPPLY AND DRAINAGE & MISC.							
	(1) PIPES							
76	Providing, laying, and jointing in true line and level 15 mm diameter UPVC pipe (SCH-40) for cold water, including fittings made by PRINCE / SUPREME / ASTRAL / FINOLEX. Pipe shall be fixed on the wall with the help of a GI clamp at every two meters c/c or shall be concealed as directed, including necessary fittings, fastening, fixtures, excavation, and backfilling. The rates include testing of pipe and jointing, and fixing the same with adhesive solvent, including the cost of all materials.	RMT	22.00	₹ 72.00	₹ 1,584.00			
77	Providing, laying, and jointing in true line and level 25 mm diameter UPVC pipe (SCH-40) for cold water, including fittings made PRINCE / SUPREME / ASTRAL / FINOLEX. Pipe shall be fixed on the wall with the help of a GI clamp at every two meters c/c or shall be concealed as directed, including necessary fittings, fastening, fixtures, excavation, and backfilling. The rates include testing of pipe and jointing, and fixing the same with adhesive solvent, including the cost of all materials.	RMT	96.00	₹ 91.00	₹ 8,736.00			
78	Providing, laying, and jointing in true line and level 40 mm diameter UPVC pipe (SCH-40) for cold water, including fittings made PRINCE / SUPREME / ASTRAL / FINOLEX. Pipe shall be fixed on the wall with the help of a GI clamp at every two meters c/c or shall be concealed as directed, including necessary fittings, fastening, fixtures, excavation, and backfilling. The rates include testing of pipe and jointing, and fixing the same with adhesive solvent, including the cost of all materials.	RMT	149.00	₹ 147.00	₹ 21,903.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
79	Providing & fixing PRINCE / SUPREME / ASTRAL / FINOLEX. rigid P.V.C. pipe for Rain water 10 kg/cm2 including necessary fittings like bends, shoe, cowl etc. & fixing the pipes to the wall in plumb by means of G.I. Clamps/brackets of 18 gauge sheet at 1 to 1.5 meter distance, filling the joints with approved solution complete as directed by E.I.C. - 90 mm Dia.	RMT	279.00	₹ 309.00	₹ 86,211.00			
80	Providing & laying rigid 6 kg/cm2 PVC drainage pipe 75mm dia. including necessary fittings like bend, tee,Y bend plug etc. fixed with wall by means of clamps / brackets at 1 to 1.5 meter distance such that pipe should not touch the wall & nails with water tight joints by approved solution etc. complete as directed by EIC.	RMT	91.80	₹ 147.00	₹ 13,494.60			
81	Providing & laying rigid 10 kg/cm2 PVC drainage pipe 110mm dia. including necessary fittings like bend, tee,Y bend plug etc. fixed with wall by means of clamps / brackets at 1 to 1.5 meter distance such that pipe should not touch the wall & nails with water tight joints by approved solution etc. complete as directed by EIC.	RMT	148.63	₹ 458.00	₹ 68,072.54			
82	Supplying and fixing reinforced concrete heavy-duty non-pressure pipes with collars for culverts, including necessary excavation & refilling the trenches, joining the pipes with C.M. (1:1) & filling 150mm thick concrete (1:4:8) below joints, curing, etc., completed as directed by E.I.C I.S. Class NP2 of internal diameter 150 mm.	RMT	222.00	₹ 367.00	₹ 81,474.00			
83	Supplying and fixing reinforced concrete heavy-duty non-pressure pipes with collars for culverts, including necessary excavation & refilling the trenches, joining the pipes with C.M. (1:1) & filling 150mm thick concrete (1:4:8) below joints, curing etc., completed as directed by E.I.C I.S. Class NP3 of internal diameter 300 mm.	RMT	170.00	₹ 874.00	₹ 1,48,580.00			
	(2) FIXTURES							
84	Providing and fixing approved quality PVC SWR Nahani trap IS 14735 for drain 75 mm diameter with jaliwith self cleaning design with CI scread down or hinged grating including the cost of cutting with additional aluminum perforated jali cover & Pipe outside the wall with plug, bend, and making good the walls etc. complete as directed by E.I.C.	NO	14.00	₹ 582.00	₹ 8,148.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
85	Providing and fixing approved quality S.W. gully trap with C.I. Grating, brick masonry chamber, and water-tight C.I. cover with frame of 300 mm x 300 mm size (inside) with standard weight. (B) 150 mm x 100mm size P or R type.	NO	4.00	₹ 1,235.00	₹ 4,940.00			
86	Providing & fixing approved quality Fiber Reinforced Polymer(FRP) (24 Inch x 24 Inch x 1.2 inch) in Size Manhole Covers 2.5 Tons or More Capacity with water-tight Frame & fixing the same in concrete or Mortar, etc., complete as directed by E.I.C.	NO	7.00	₹ 2,543.00	₹ 17,801.00			
87	Providing & fixing approved quality Fiber Reinforced Polymer(FRP) (18 Inch x 24 Inch x 1.2 inch) in Size Manhole Covers 2.5 Tons or More Capacity with water-tight Frame & fixing the same in concrete or Mortar, etc., complete as directed by E.I.C.	NO	12.00	₹ 2,363.00	₹ 28,356.00			
88	Providing & fixing approved quality Brass Ball Valve-40MM DIA as directed by E.I.C.	NO	2.00	₹ 1,809.00	₹ 3,618.00			
89	Providing & fixing approved quality Brass Ball Valve-25MM DIA as directed by E.I.C.	NO	8.00	₹ 631.00	₹ 5,048.00			
90	Providing and fixing approved quality screw down bib tapes of jaquar code no OPP-15037PM or its equivalent brand having basic price of tap ₹2050 or more following size: (A) Brass screw down bib tap polished bright 15mm dia.	NO	14.00	₹ 2,517.00	₹ 35,238.00			
91	Providing & Fixing approved quality a set of 6 Nos. of stainless steel coat racks of approved quality fixed on 20 mm. thick teak wood batten including 3 coats of oil painting etc., complete as directed by E.I.C	NO	4.00	₹ 46.00	₹ 184.00			
92	Providing and fixing Stainless Steel Towel rack of 600mm long with 03 hoocks including fitting & fixing in position with required accessories, , including transportation, tools tackles, fitting work and fitxures for the same etc complete. Catagory : Jaquar ACN-1181FHS or Kohler / Kerovit / reputed make having base price more than ₹3100.00	NO	6.00	₹ 3,741.00	₹ 22,446.00			
93	Providing and fixing Swivel Mirror 630mm x 445mm of superior glass including fitting & fixing in position with required accessories, , including transportation, tools tackles, fitting work and fitxures for the same etc complete. Catagory : Jaquar AKP-35795 or Kohler /Kerovit / reputed make having base price more than ₹3,650.00	NO	6.00	₹ 4,374.00	₹ 26,244.00			
94	Providing & Fixing Stainless Steel of approved brand Kitchen Sink glossy ASIS 304 grade of 1mm thick with overall size 610x460mm & bowl size 560x410x200mm including cutting holes and making good the hole including pillar tap,chromium plated bottle trap,waste coupling, fisher union, wall flange etc. complete as directed by EIC.	NO	3.00	₹ 3,275.00	₹ 9,825.00			
	(3) BORE AND WATER SUPPLY							
95	Providing BOREWELL PRE-FEASIBILITY REPORT (before conducting bore well work) Feasibility report shall include the geology of the area, Hydrological condition of the area, Water quality of the area, location of the borewell, depth of bore borewell and recommendation if any.	No	1.00	₹ 6,900.00	₹ 6,900.00			
96	Supply of approved quality washed graded gravel of size of 3mm to 6mm incl packing the same in angular space between casing pipe and bore hole. Before packing the gravel shall be screened and all undersized and oversized particals shall be removed. The gravel shall be free from all impurities and foreign materials.	CMT	1.00	₹ 2,029.00	₹ 2,029.00			
97	Drilling of Bore well of 165mm dia by machine in all kinds of soil, sand, clay, Murrum, soft rock, and hard rock, etc., complete, truly vertical with equipment and labor, etc., complete as directed by E.I.C. (A) 0 to 150 meter	RMT	150.00	₹ 236.00	₹ 35,400.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
98	Providing fixing and lowering 125 mm dia Nominal size and 140mm OD having wall thickness 6.5 to 7.3 mm PVC CM casing pipe of IS :12818 AROMA make or it's equivalent including necessary threading couplings connections etc. complete as directed by EIC. For Casing / Strainer pipe	RMT	150.00	₹ 597.00	₹ 89,550.00			
99	Providing & fixing approved quality top cap for 200mm dia. Pipe clamps, socket & other accessories required for completing the job as directed by EIC	NO	1.00	₹ 775.00	₹ 775.00			
100	Supplying and lowering Kirloskar/Falcon/Lubi/Crompton make ISI submersible pump for 3HP/28 stage in bore well, etc. comp. as directed, including ISI approved MEI type oil immersed auto transformer starter commissioning and testing to required delivery head. (All other accessories will be paid separately.)	NO	1.00	₹ 29,026.00	₹ 29,026.00			
101	Providing & fixing Kirloskar/Falcon/Lubi/Crompton make ISI single phase monoblock/self-priming pump of ISI brand (2H.P) with all GI fitting for inlet & outlet connection, including providing G.M.Wheel Non-Return valve, required electric fitting/switchboard etc. comp.	NO	1.00	₹ 12,090.00	₹ 12,090.00			
102	Providing, fixing PRINCE / SUPREME /Ashirvad or Equivalent approved quality of HDPE pipe of ISI quality having Material grade PE-80, Pressure class PN10-(10kgf/cm2), SS-316 nipple at both ends with all accessories fittings, jointing etc. suitable for submersible pump lowering in bore etc., complete as directed by EIC. - 63mm dia.	RMT	160.00	₹ 134.00	₹ 21,440.00			
103	Providing & joining Anchor/RR Cable/Polycab/Finolex/Havells/Avocab ISI make PVC Insulated flat Submersible Copper cable Sufficient for a 3 HP Pump set, etc., complete as directed by EIC. with size 3-Core 4 Sq. mm flat cable.	RMT	170.00	₹ 87.00	₹ 14,790.00			
104	Providing & fixing approved quality readymade 4 Layered (Thermal insulated) overhead P.V.C. water tight storage tank of 1000 liters capacity of make Supreme / Vectus / Ashirvad or its equivalent made from food grade plastic and water tank is certified with RoHS (Restriction of Hazardous Substances) and linear low density polythene & low density polythene LDPF product confirming to I.S.: 10146-1982 with cover including providing & fixing one 20mm dia, float valve ball-cock, one 20mm dia PVC over flow pipe of length up to 0.30 Mt. including making all connection for inlet/outlet etc. complete as directed by E.I.C.	NO	2.00	₹ 12,816.00	₹ 25,632.00			
	(4) MISC.							
105	Providing and fixing wash basin with single hole pillar tap with tap with brackets painted white/colour including cutting holes and making good the hole including pillar tap,chromium plated bottle trap,stop cock, fisher union, Brass waste pipe etc complete. 560 X 415 X 200 MM Half Pedestal Washbasin of Jaquar CNS-WHT-801 with fixing accessories BP ₹4200 Pillar Cock Jaquar FLR-5015 with lift type knob and Base flange base prise ₹1975.00 Waste Coupling 32mm size full threaded Jaquar make ALD-705L130 BP ₹625.00 Bottle Trap Jaquar make ALD-769L300x190 Wall connection pipe and Flange BP ₹1950 Braided hose 450mm long with one M10X1 Nipple and 15mm Nuts , O ring and Rubber washer or products of Kohler /Kerovit / reputed make having base price more than above mentioned Base price (BP) for each item.	NO	4.00	₹ 11,231.00	₹ 44,924.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
106	Providing and fixing Rimless wall hung WC with inbuilt jet, PP soft close slim seat cover, hinges, accessories set WALL HUNG Water Closet of size 355mm X 555mm X 370mm including jointing with soil waste pipe and with inlet connection for flush pipe with W.C. pan and flush cock of approved quality of 25mm dia etc. complete. Wall Hung WC of Jaquar make FLS-WHT-5953JPPSM of BP ₹12,190.00 Regular Body of Concealed Stop Cock Suitable for 15 mm Pipe Line with Protection Cap Jaquar make ALD - 083 B.P. ₹1175 Exposed part kit of Jaquar make Opp-15083KPM concealed stop cock with fitting sleeve, operating lever, adjustable wall flange with seal having BP ₹675.00 Regular Body of Concealed Stop Cock Suitable for 25 mm Pipe Line with Protection Cap Jaquar make ALD - 081 B.P. ₹1850 Exposed part kit of Jaquar make Opp-15083KPM concealed stop cock with fitting sleeve, operating lever, adjustable wall flange with seal having BP ₹675.00 or products of Kohler /Kerovit / reputed make having base price more than above mentioned Base price (BP) including fitting & fixing in position with required accessories, including transportation, tools tackles, fitting work and fixtures for the same etc complete.	NO	4.00	₹ 18,216.00	₹ 72,864.00			
107	Providing and fixing urinal with spreader hole and fixing accessories of size 355 X 340 X 535mm of jaquar - URS-WHT-13261H of Base prise ₹4100 including connection with trap and with integral longitudinal flush pipe concealed outlet Urinal Valve with Auto Closing System with Built-in Control Cock & Wall Flange Jaquar - PRS-077 having BP-2550 Urinal Spreader bowl Top Inlet 15mm with Fixing Stud Jaquar make ALD-1043 BP ₹550.00 Bottle Trap Jaquar make ALD-769L300x190 Wall connection pipe and Flange BP ₹1950 or products of Kohler /Kerovit / reputed make having base price more than above mentioned Base price (BP) including fitting & fixing in position with required accessories, including transportation, tools tackles, fitting work and fixtures for the same etc complete.	NO	2.00	₹ 11,403.00	₹ 22,806.00			
108	Providing B.B. Masonry inspection chamber for underground CI inspection chamber and bends with bricks heavy crushing strength not less than 35 kg/cm2 in CM (1:5), CI cover with frame (light duty) 455mm x 610 mm internal dimensions, total weight of cover with frame to be not less than 38 kgs (weight of cover 23 kg and weight of frame 15 kg). RCC top slab with 1:2:4 mix (1 cement: 2Coarse sand: 4 graded stone aggregate 20 mm size). Foundation concrete 1:5:10, inside plaster 15 mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete, etc., complete. Inside dimensions are 455mm x 610 mm and 450 mm deep.	NO	9.00	₹ 2,904.00	₹ 26,136.00			
[D]	ROAD WORK							
109	Providing and laying Granular sub-base in two layers by providing coarse graded material Grading- I using B.T.M.C. (Black Trap Machine Crushed) metal 53 mm to 26.5 mm at 35 %, crushed stone aggregate 26.5 mm to 4.75 mm at 45% and below 2.36 mm at 20%, having C.B.R. not less than 30%, as per table 402 of MORTH gradation including levelling the material at site of work, mixing and spreading into grade and camber, watering and consolidation at OMC with Vibratory roller of capacity 8 to 10 Tonne including cost of material, labour etc complete- GSB	CMT	198.00	₹ 952.00	₹ 1,88,496.00			

SR. NO.	DESCRIPTION	UNIT	APROX. QTY.	RATE	AMOUNT			
110	Providing, Laying, Spreading, and Compacting graded stone aggregates to wet mix macadam as per MORT & H Specification including premixing the material with Water at OMC in mechanical mix Plant, Carriage of mixed material by Tippers to site, Laying in uniform layers with paver or motor graded in subbase/ sub base course on well prepared surface and compacting with Vibratory Roller of 8 to 10 Tonne capacity to achieve the desired density Complete as per MORT & H Clause-406- WMM	CMT	198.00	₹ 785.00	₹ 1,55,430.00			
[E]	OIL TANK PIPE LINE & SUPPORTING ACCESSORIES							
111	Providing and laying ISI mark G.I.pipe line with couplings of HEAVY DUTY class and 100 mm in DIA including all taxes, insurance, transportation and lying/fitting excavation of required gradient, and also including required GI elbow, GI union, GI Tee GI Bend, GI flange with nuts and supporting accessories etc complete including giving testing to EIC. (Rate inclusive of Material rate & Labor Rate. payment shall be done on the running meter of the pipeline.	RMT	80.00	₹ 992.00	₹ 79,360.00			
112	Supplying & fixing of ISI mark CI D/F Sluice Valves, Butterfly Valves & Reflux Valves of 100 mm Diameter, including all taxes, etc., complete. PN-1 with hand wheel /cap operated (PD type short body) Reference	NO	3.00	₹ 3,563.00	₹ 10,689.00			
113	Providing & fixing Non-woven geo-textile fabric sheet of 300gsm (100 % Polypropylene) in position between filling and Compound wall including transportation, loading, unloading, carting and all necessary labour works etc. completed as directed by Engineer in charge.	SMT	812.30	₹ 132.00	₹ 1,07,223.60			
	TOTAL COST OF CIVIL WORKS IN Rs.				₹ 5,21,70,850.84			
	Notes:-							
	1) All concrete works, including M15, M20, and M25 grades, shall invariably be carried out using a flori machine (such as Ajax or equivalent). The machine must be duly calibrated, and a valid calibration certificate shall be submitted prior to commencement of work. Batch reports for each batch shall be displayed, and a printed copy of the same must be generated and maintained for record.							
	2) In case the borewell water fails to meet the required standards as per relevant IS laboratory testing criteria, the contractor/agency shall arrange potable water from an external approved source for all concreting and curing works at their own cost.							
	3) Thermo michanically treated FE 500/500D reinforcemnet bars is carried out with fusion bounded epoxy coating. The thickness of the epoxy coating shall not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS - 13620-1993 / ASTM - 775 M & coating of reinforcement bars must be done at coating plant & test report given by coating plant for each lot at site must be submitted at this office.							
	4) Submission of Dry Film Thickness (DFT) certificates for epoxy coating on exposed concrete surface and tar-extended epoxy coating on underground concrete surface is mandatory. The DFT shall be measured using approved instruments and certified by the applicator/authorized agency and submitted to field office.							