



## Construction of Laboratory building at Bauxite project GMDC Gadhsisa, District Kachchh, Gujarat

### PRICE BID

Sr. No.	Item Description	Qty	Unit	Rate	Amount
<b>A</b>	<b>Part-1</b>				
1	Earthwork in excavation by mechanical means (All type of soil) for foundation, footings, walls, retaining walls, rafts, trenches, drains, lift pits, underground sumps, tank, septic tanks, soak well, Box cutting etc. including dewatering the sub-soil water from any source and rain water to keep the excavation dry, removal of slush, dressing of sides and ramming of bottoms, planking, shoring & strutting, removal & disposal of surplus excavated material with all lead & lift. including compaction by using mechanical plate compactor / vibro roller, finished to desire levels all as per excavation plan and foundation drawings to get Modified Proctor Density test (MPD) of 95%, work including mechanical transport inclusive of royalty, statutory fees all permissions & any other incidental expenses etc. complete. i) Up to 1.5 Mtr Depth	131.00	Cu.mt	0.00	0.00
2	Earthwork in excavation by mechanical means (All type of soil) for foundation, footings, walls, retaining walls, rafts, trenches, drains, lift pits, underground sumps, tank, septic tanks, soak well, Box cutting etc. including dewatering the sub-soil water from any source and rain water to keep the excavation dry, removal of slush, dressing of sides and ramming of bottoms, planking, shoring & strutting, removal & disposal of surplus excavated material with all lead & lift. including compaction by using mechanical plate compactor / vibro roller, finished to desire levels all as per excavation plan and foundation drawings to get Modified Proctor Density test (MPD) of 95%, work including mechanical transport inclusive of royalty, statutory fees all permissions & any other incidental expenses etc. complete. i) 1.5 to 3.0 Mtr Depth	16.00	Cu.mt	0.00	0.00
3	Filling available excavated earth in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering. Rate to include cost of compaction to achieve at least 95% Proctor Density of refilled excavated earth. Work shall complete as per the instruction of EIC. work complete including all type of tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC.	88.00	Cu.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
4	Earth Filling with murrum or approved quality earth in below flooring, sides of foundation, retaining wall, trenches, lift pits elsewhere directed in layers of not exceeding 150 mm thick including breaking clods, watering, compacting each layer with vibratory compactor and at inaccessible places with wooden/steel rammers to achieve 90-95% proctor density at optimum moisture content, all leads & lifts. Bailing/pumping out of water to keep site dry while back filling ,Cost shall include conveyance of all materials, labor, machinery etc. complete(only good yellow soil/ muurum to be used for filling) Work shall complete as per the instruction of EIC. work complete including all type of tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC.	97.00	Cu.mt	0.00	0.00
5	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete. work complete including all type of tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC.	18.00	Cu.mt	0.00	0.00
6	Providing and filling any thk. dry rubble stone packing under floor, foundation, steps, ramps, road & other similar locations, hand set vertically in regular lines, interstices filled in with smaller stone chips including watering & consolidating & finishing to the required levels & lines etc. with the use of 10 ton roller on with mechanical rammer & with manual tampering only at location where mechanical rammer cannot be moved complete as directed. with Binding layer shall be of metal and voids to be filled with sand/quarry spalls. work shall complete as per the instruction of EIC.	10.00	Cu.mt	0.00	0.00
7	Filling in foundation and plinth with brick bats chhara in layers including watering, ramming and consolidating etc completed. work complete including all type of tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC.	3.00	Cu.mt	0.00	0.00
8	Providing and laying cement concrete 1:3:6 (1- Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete. including mixing laying, vibrating, consolidating, leveling and curing etc. complete with all labours and materials with formwork. The item includes finishing the top surface with trowel. Work complete including all type of tools, tackles, formwork, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC. (A) Foundation and Plinth	29.00	Cu.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
9	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in. including mixing laying, vibrating, consolidating, leveling and curing etc. complete with all labours and materials with formwork. The item includes finishing the top surface with trowel. Work complete including all type of tools, tackles, labours, formwork, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC. (A) Foundation and Plinth	10.00	Cu.mt	0.00	0.00
10	Ready Mixed M-250 grade concrete: Providing, batching, mixing, transporting through transit mixers, pumping and laying Ready mix Reinforced Cement Concrete of specified grade including the mix design at all levels and heights of specified grade using Pozzolana Portland cement of grade 53 from approved manufacturer, sand, coarse aggregates, necessary admixtures approved by Consultants (Conplast SP 430SRV from Fosroc or equivalent) recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the EIC, including all level and height, pumping using line pump or boom placer, vibrating/ compaction, curing as directed. Work complete including all type of tools, tackles, labours, formwork, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC. (excluding the cost of reinforcement) Without Fly Ash (Cement level 370 kg, Cement - OPC 53 grade). Note for RMC for All Mixed Ratio :- (1) It shall be ensured that shuttering shall be proper to withstand pumping pressure. (2) Any loss of material shall be contractor's responsibility. (3) Submission of test results at RMC mixing plant site as well as casting site shall be contractor's responsibility. (4) Desired design mix shall be got approved from EIC before placing order for RMC. (5) Any toll taxes applicable to be borne by the contractor. (6) Any other taxes as levied by Govt. from time to time shall be deemed to be inclusive in the contract. (7) Supply of cement is in the scope of concrete manufacturer. (8) Prior approval of RMC vendor to be taken from Engineer in charge before putting up the order. (9) Item includes supply of RMC without using through including laying, wastage, pumping, arrangement, unloading , compacting etc. complete. (Necessary schedule will have to be submitted by agency 3 days in advance so that proper coordination with Client/ vendor is done). The item includes required pumping, if any, at any height. Work shall complete as per the instruction of EIC.	134.00	Cu.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
11	TMT Bars: Providing, straightening, cutting, bending, binding and laying in position of TMT FE 500/500D grade steel reinforcement confirming to IS 1786 : 1990 or latest code, to correct all shape and size as per detailed drawings, specifications for all RCC work etc, at all levels and all heights with necessary chairs and laps; with correct size PVC cover blocks or approved quality concrete cover blocks of same grade of concrete and binding wire of 18 gauge etc. complete with test certificate of the steel bars from manufactures as well as approved laboratory test certificates directed by Engineer in charge etc. complete. Rate shall be inclusive of binding wire, cover, lap, chair etc. Work shall complete up to any levels, all floor & as per the instruction of EIC.	13322.00	kg	0.00	0.00
12	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth in cement mortar 1:6, Including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC.	20.00	Cu.mt	0.00	0.00
13	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in superstructure in cement mortar 1:6, Including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC.	43.00	Cu.mt	0.00	0.00
14	Precast concrete block masonry in partition walls 10 cm. thick with solid block of approved size (including quoin blocks Jamb blocks closer etc.) made of C.C.1:3:6 (1- Cement : 3- coarse sand : 6 graded stone aggregates 20 mm and down grade) (A) in C.M. 1:4. Including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC.	214.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
15	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering all level and finished even and smooth. including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC. (ii) Cement mortar 1:4 (1-cement :4-sand)	45.00	Sq.mt	0.00	0.00
16	15 mm thick cement plaster : Providing and laying average 15 mm. thick single coat smooth finishing using steel float (mala finish) plaster in CM 1:4 (1 cement : 4 coarse river sand), on brickwork, RCC work, blocks, sills, soffits, jambs etc. at all floors, all levels, all heights, all shapes and for all sizes with necessary scaffolding, curing, chicken mesh at the junction of masonry & RCC work using screw / dhoba nails, making moulded, grooves, drip moulds, tapak, chemical bonding agent etc., for all lead, lift, height and levels etc., complete as per specification and as directed by the EIC. including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC.	791.00	Sq.mt	0.00	0.00
17	20 mm thick Sand Faced Plaster: Providing and applying 20mm thick sand faced plaster (Using Wooden Gutka/Float) to all external surfaces at all levels and in any shape, in two coats, 12 mm thick average base coat in cement mortar 1:5 and 8mm thick finish coat in cement mortar 1:2 using fine sand for finish coat, including preparation of surface to uniform texture, staging, double scaffolding, curing, chicken mesh at the junction of masonry & RCC work using screw / dhoba nails, making moulded, grooves, drip moulds, tapak etc., complete as per specification and as directed by the EIC. including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC.	379.00	Sq.mt	0.00	0.00
18	Applying two coats of Birla (white cement based) or Asian (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth. including all type of material, labour, tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels, all leads and lifts etc complete as per instruction of Architect/EIC.	791.00	Sq.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
19	Interior paint for wall & Ceiling : Providing & laying of three coats with Royale luxury Emulsion paint (soft sheen, with teflon paint) of Asian Paint or equivalent approved brand in shades and colour as directed on wall surfaces to give an even shade incl. scaffolding to at any height with all labour and material after thoroughly brushing the surface & making free from mortar droppings and other foreign matter including surface preparation etc.complete. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , performance waranty certificate etc. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	791.00	Sq.mt	0.00	0.00
20	Exterior Paint : Providing & Finishing outer walls with Apex ultima luxury exterior emulsion paint in 2 coats paint + 2 coat primer with approved brand & manufacture to give an even and smooth shade of color of approved shade after thoroughly cleaning the walls by water and brushing to remove all dirt and remains of loose materials, up to all level above plinth complete ,scaffolding to any height ,curing etc complete. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , performance waranty certificate etc. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	379.00	Sq.mt	0.00	0.00
21	Exterior Texture Paint (Apex Ultima Allura Torino of Asian Paint code - PRODUCT CODE 5417): Providing and applying Stone finish Exterior Texture Paint in 2 coats paint + 1 coat primer with approved brand & manufacture to give an even and smooth shade of color of approved shade after thoroughly cleaning the walls by water and brushing to remove all dirt and remains of loose materials, up to all level above plinth complete ,scaffolding to any height ,curing etc complete. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift, performance waranty certificate etc. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	6.00	Sq.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
22	Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. & 6.4 mm 1.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm <sup>2</sup> and release rate of 1.9 ltr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout ) & Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes & test every junction during injecting chemicals for termite control treatment. The anti termite chemical Imidacloprid 30.5% SC mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(i)Anti Termite chemical injected area (Chemical injecting including labour cost). Including cost of all type of tools, tackles, all labour, materials, scaffolding, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. complete as per instruction of Architect/EIC. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	230.00	Sqmt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
23	<p>Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :</p> <p>(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.</p> <p>(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.</p> <p>The rate includes preparation of surface, water proofing compound of Dr. Fixit Pidiproof LW+ or Equevalant, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry. Including cost of all type of tools, tackles, all labour, materials, scaffolding, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. complete as per instruction of Architect/EIC. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.</p>	10.00	Sqm	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
24	<p>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand ) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : with average thickness of 120 mm and minimum thickness at khurra as 65 mm.</p>	215.00	Sqm	0.00	0.00
25	<p>Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed. Including cost of all labour, materials, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.</p>	215.00	Sqm	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
26	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6- coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. Including cost of all labour, materials, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. complete as per instruction of Architect/EIC. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (A) 25mm thick	146.00	Sqm	0.00	0.00
27	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. Including cost of all labour, materials, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. complete as per instruction of Architect/EIC. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	14.00	Sqm	0.00	0.00
28	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, edge finish, moulding, cutting etc. The rate includes machine cut edges of uniform thickness and beveling and mirror polishing of edges , anti skid grooving. work complete Including cost of all labour, materials, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. complete as per instruction of Architect/EIC. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of Granite 80/ Sq.ft	17.00	Sq.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
29	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias, risers of steps, dedo and pillars and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish, grooving etc. complete at all levels. work complete Including cost of all labour, materials, safety measures, loading, unloading, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. complete as per instruction of Architect/EIC. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of Granite 80/ Sq.ft	4.00	Sq.mt	0.00	0.00
30	<b>Vitrified Tiles Flooring (Toilet) :</b> Providing and laying Matt finish Vitrified tiles flooring using minimum 10 mm thick tiles of as per approved make list by architect/client, including preparing base for leveling with 20mm thick cement mortar 1:6 (1 cement : 6 coarse sand ) and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction and approval by architect. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning, protection sheet, at all floor, all level, all depth, all Height, all lead and lift, work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (A) Tile size: 600 mmX 600 mm or as per approved by architect/EIC, Basic rate of tile is Rs. 35/Sqft	11.00	Sq.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
31	<p><b>Vitrified Tiles Wall Dado (Toilet and other wall surfaces):</b> Providing and laying Matt finish Vitrified tiles in dado using minimum 10 mm thick tiles as per approved make list by architect /client. fixed in dado on 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) All surfaces must be dimensionally stable according to level, cured, undamaged, compact,rigid,resistant, dry and free from any debonding agents tiles fixed by approved tile adhesive and all application shall be done under instruction of manufacturer guideline and specification , and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction all complete as per approved sample by Architect, drawings and instruction of EIC. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (B) Tile size: 600 mmX 1200 mm, Basic rate of tile is Rs. 40/Sqft</p>	45.00	Sq.mt	0.00	0.00
32	<p><b>Vitrified Tile Flooring :</b> Providing and laying Vitrified tiles flooring using minimum 10 mm thick tiles of as per approved make list by architect/client, including preparing base for leveling with 20mm thick cement mortar 1:6 (1 cement : 6 coarse sand ) and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction and approval by architect. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning, protection sheet, at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (A) Tile size: 800x1600mm, Basic rate of tile is Rs. 55/Sqft</p>	70.00	Sq.mt	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
33	<p><b>Vitrified Tile Skirting :</b> Providing and laying Vitrified tiles in skirting using minimum 10 mm thick tiles as per approved make list by architect /client fixed in dado on 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) All surfaces must be dimensionally stable according to level, cured, undamaged, compact,rigid,resistant, dry and free from any debonding agents tiles fixed by approved tile adhesive and all application shall be done under instruction of manufacturer guideline and specification , and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction all complete as per approved sample by Architect, drawings and instruction of EIC. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift, work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (A) Tile size: 800x1600mm, Basic rate of tile is Rs. 55/Sqft</p>	7.00	Sq.mt	0.00	0.00
34	<p><b>Artificial Stone door frame:</b> Providing &amp; laying approved quality 15 mm thick one-piece Artificial stone work of approved shade, in door jambs lining for door frames for fixing door shutters in two overlapping bands to give an over all width including moulded edges with cement mortar 1:3 and neat cement float in proper line, level and plumb ,filling the joints in matching colour pigment to match the stone shade, supports, scaffolding and moulding etc. jointed with white cement and matching pigment including rubbing, re-polishing after fixing to remove any undulation between the joints (if required) with different grades of Emery, refilling of open joints, curing, daily cleaning and mopping, shall be done up to the satisfaction of the EIC. all complete as per approved sample by Architect, drawings and instruction of EIC. The rate includes machine cut edges of uniform thickness and beveling and polishing of edges. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, Scaffolding, protection sheet, groove etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. No Overlapping will be paid for measurement. Basic rate of full body Artificial stone is Rs. 150/ Sqft.</p>	13.00	Sqm	0.00	0.00

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Sr. No.	Item Description	Qty	Unit	Rate	Amount
35	<p><b>Artificial Stone window sill</b> : Providing &amp; laying approved quality 15 mm thick Artificial stone work of approved shade (selected and sorted for its uniform colour and thickness)., in window sills, jambs and soffits (surrounds on all 4 sidesof the opening) etc. as per detail drawings including moulding, chamfer with polishing in cement mortar 1:3 (1 cement : 3 Coarse sand) of 12mm thickness/ suitable adhesives/ proper clamping and neat cement floating to proper line, level and plumb, filling the joints with white cement including approved pigment to match the colour of stone slab, cleaning, curing, scaffolding etc. The rate includes machine cut edges of uniform thickness and beveling and polishing of edges. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, Scaffolding, protection sheet, groove etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of full body Artificial stone is Rs. 150/ Sqft.</p>	14.00	Sqm	0.00	0.00
36	<p><b>Artificial Stone Basin Counter for Toilet: 600mm width</b> : Providing &amp; fixing two layers of wash basin counter, first layer using 25mm thick Kotastone of approved shade and second layer using approved shade and sample of Artificial stone, joined together with 1:4 Cement mortar bedding / approved tile adhesive , to true plane &amp; level or to slopes, or close jointed with cement slurry with pigment of matching shade and colour and finishing with the same, including dedo 6", cutting kotah &amp; tile as per required shape &amp; size to fit Wash basin &amp; 4" fascia with moulding, nosing, chamfered front edges, fixing, disposal of debris etc. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, Scaffolding, protection sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of full body Artificial stone is Rs. 150/ Sqft.</p>	2.00	Rmt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
37	Granite platform for Pantry : up to 600mm width : Providing & fixing two layers of platform , first layer using 25mm thick Kotastone of approved shade and second layer using approved shade and sample of Mirror finish Granite, joined together with 1:4 Cement mortar bedding / approved tile adhesive , to true plane & level or to slopes, or close jointed with cement slurry with pigment of matching shade and colour and finishing with the same, including dedo 6", cutting kotah & tile as per required shape & size to fit Wash basin/sink & 4" fascia with moulding, nosing, chamfered front edges, fixing, disposal of debris etc. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, Scaffolding, protection sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of granite is 150/ Sq.ft	4.00	Rmt	0.00	0.00
38	Single Leaf Flush Door finish with laminate : Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, protection sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	14.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
39	Single Leaf Flush Door finish with laminate for toilet : Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, protection sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	4.00	Sq.mt	0.00	0.00
40	Three track sliding window : Domal section : 27x65 mm series Supply & Fixing of Aluminium sliding window with powder coated as per by approved make & sample by architect/EIC. Track section: 40 x 89 x 1.5 mm , Shutter section : 27x 65 x 1.4 mm Glass : 5 mm thick reflective toughened glass of saint gobain or approved make list Work including Trolley Wheel (Bearing), EPDM Gasket, Woolen In Shutter, Concealed Lock, Anti Rattling Guide, Lock Guide, handle Antilifting, Shutter Corner Clit, Shutter wing Connector, Interlock EPDM Gasket, Interlock Guide, Anti Capillary Pad, Bush Bottom silicon all side & All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.	20.00	Sqm	0.00	0.00
41	Openable window : Domal section Supply & Fixing of Aluminium openable domal section window with powder coated as per by approved make & sample by architect/EIC. Glass : 5 mm thick reflective toughened glass of saint gobain or approved make list Work including Trolley Wheel (Bearing), EPDM Gasket, Woolen In Shutter, Concealed Lock, Anti Rattling Guide, Lock Guide, handle Antilifting, Shutter Corner Clit, Shutter wing Connector, Interlock EPDM Gasket, Interlock Guide, Anti Capillary Pad, Bush Bottom silicon all side & All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.	1.00	Sqm	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
42	<p><b>Fixed Glass Aluminium Window: Domal section : R40 mm series</b>                      Supply &amp; Fixing Fixed glass window Comprising from Domal section series R40 mm series with powder coated as per approved make &amp; sample by Architect/EIC.                      Frame section: 40 x 39.4 x 1.25 mm                      Glass : 5 mm thick clear reflective toughened glass of saint gobain or approved make list including EPDM Gasket and All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.</p>	4.00	Sqm	0.00	0.00
43	<p>Toilet Ventilation : Providing and fixing standard extruded of alluminium section of size 63 mm x 38.10 mm x 1.2 mm (jindal section : 2434 @ wt. 0.643 kg per mt with powder coated alluminium frame for ventilation with 5 mm thick frosted glass as details &amp; provision of exhaust fan. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, protectiion sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.</p>	1.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
44	<p>ACP Cladding: 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 &amp; 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 &amp; 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 composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places. The whole work is to be executed with a guarantee of 10 years. Sample mock shall be approved from Architect/EIC. Woody ACP sheet with grooves or as per selected by architect. Basic rate ACP sheet Rs. 160/ sq.ft.</p>	22.00	Sqm	0.00	0.00
45	<p><b>EWC</b> : Providing and fixing wash down water closet (European type W.C. pan) as per approved make of selection &amp; shade with seat cover, P OR S Trap M.S. or G.I bracket , CP brass hinges and rubber buffers and Jointing the trap with soil pipe in cement mortar : 1:1 (1 cement : 1 fine sand) including cutting and making good the walls and floors where required with all labour and materials. All works to be carried out as per instructions and direction of Engineer-in-charge. WALL HUNG WC WITH PP SOFT CLOSE SEAT COVER HINGES ACCESSORIES SET SIZE: 365X545X365 MM .Model Equivalent to Jaquar ECS-WHT-951SPP</p>	1.00	Nos	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
46	<b>Flushing Tank:</b> Providing and fixing Preumatic Flushing tank of as per approved make list . Work complete including all type of finishing. SINGLE PIECE SLIM CONCEALED CISTERN BODY WITH INSTALLATION KIT (WITHOUT FLUSH CONTROL PLATE) Model Equivalent to Jaquar JCS-WHT-2400	1.00	Nos	0.00	0.00
47	<b>Flush Plate:</b> Providing and fixing BEVEL FACE PLATE POLISHED CHROME of as per approved make list . Work complete including all type of finishing. CONTROL PLATE KUBIX ; Model Equivalent to Jaquar JCP-CHR-352415	1.00	Nos	0.00	0.00
48	<b>Health faucet:</b> Providing and fixing 12mm dia. Health faucet with 8 mm dia of as per approved make list with flexible pipe of 1.mt. length and holding stands complete. Work complete including all type of finishing. HAND SHOWER (HEALTH FAUCET) WITH 8MM DIA 1.2 METER LONG FLEXIBLE TUBE AND WALL HOOK : Model Equivalent to Jaquar ALD-CHR-573	1.00	Nos	0.00	0.00
49	<b>Toilet Papers Holder:</b> Providing and fixing Toilet papers holder of as per approved make list . Work complete including all type of finishing. Model Equivalent to Jaquar TOILET ROLL HOLDER WITH FLAP CODE-ACN- CHR-1153N	1.00	Nos	0.00	0.00
50	<b>ANGULAR STOP COCK WITH WALL FLANGE :</b> Providing and fixing 15mm dia of as per approved make list. Work complete including all type of finishing. Model Equivalent to Jaquar OPP-CHR-15053PM	1.00	Nos	0.00	0.00
	<b>Total Amount</b>				<b>0.00</b>
<b>B</b>	<b>Part-2</b>				
51	<b>Wash Basin :</b> Providing and fixing Under Counter Wash Basin including fittings and waste pipe and fixing on wash basin counter by tile adhesive of approved make. Work complete including all type of finishing. Model Equivalent to Jaquar CNS-WHT-701 + ALD-CHR-705L130	1.00	Nos	0.00	0.00
52	<b>Basin spout :</b> Providing and fixing 15mm dia wall Mounted Basin spout including consealed part of as per approved make list and work complete including all type of accessories. Basin spout with consealed part : Model equivalent to Jaquar : FLR CHR 5441NK + ALD-CHR-441	1.00	Nos	0.00	0.00
53	<b>Bottle Trap:</b> Providing and fixing chromium plated Bottle Trap of as per approved make list , with necessary coupling of approved make for wash basin & sink. Work complete including all type of finishing.BOTTLE TRAP (WITH INTERNAL PARTITION) 32MM SIZE WITH 300MM & 190MM LONG WALL CONNECTION PIPES & WALL FLANGE : Model Equivalent to Jaquar ALD- CHR-769L300X190	2.00	Nos	0.00	0.00

**PRICE BID**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
54	<b>Kitchen sink:</b> Providing and fixing Kitchen sink as per approved make including all fitting material including Fixing of with necessary plumbing work as per detail drawing and plumbing work .Material approved by architect/EIC. Model Equivalent to NIRALI GRACE JUMBO 685X535X254	1.00	Nos	0.00	0.00
55	<b>Sink Cock:</b> Providing and fixing 15mm dia. Sink Cock of as per approved make of selection. Model equivalent to: Jaquar FLR-CHR-5347N	1.00	Nos	0.00	0.00
56	Providing and fixing in position <b>Soap Dispensor</b> as per approved make list and work complete including all type of accessories. Model equivalent to JAQUAR - SOAP DISPENSER WITH GLASS BOTTLE - ACN- CHR-1135N	1.00	Nos	0.00	0.00
57	Providing and fixing <b>Towel ring</b> of as per approved make of selection or as directed by EIC. Model equivalent to JAQUAR TOWEL RING SQUARE CODE- ACN- CHR-1121N	2.00	Nos	0.00	0.00
58	<b>Hook</b> : Providing and fixing of DOUBLE COAT HOOK - CHROME Range Continental Code ACN-CHR-1161N :Double Coat Hook as per approved make list. Work complete including all type of finishing.	2.00	Nos	0.00	0.00
59	<b>S.S Corner Shelf</b> : Providing and fixing in position S.S Corner shelf as per approved make list and work complete including all type of accessories. Rate shall be inclusive of all materials, loading, unloading, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Plantex Bathroom Corner Shelf for Wall Mount/304 Grade Stainless Steel Corner Shelf for Bathroom with Railings/Bathroom Accessories Holder (9x9 inches, Chrome)	1.00	Nos	0.00	0.00
60	Hand Dryer: Providing and Fixing Electrical hand dryer, fully automatic type , cover shall be fabricated in ABS material finished, the unit shall deliver of hot air and electrical rating shall be 240 V / 1 phase / 50 cycles. Complete as per directed by architect and engineer in charge.	1.00	Nos	0.00	0.00
61	<b>Mirror Type 1:</b> Providing and fixing Mirror with aluminium frame in which Aluminium frame with special deep colour anodise 40mm width and 1.3mm thickness and 5mm mirror fitted using high grade silicon. Work complete including all type of tools, tackles, scaffolding, safety measures, loading, unloading, transportation, at all floors, all heights, all levels etc complete as per instruction of Architect/EIC.	2.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
62	<p><b>Toilet Cubical : @1000(W) X 1500(D) x 2050(H) mm</b>                      Supply &amp; Installation of Toilet Cubicles as per as per Architect selection &amp; approved make. 12 mm Compact Grade 1.5 mm thick laminate Board of the approved shade by Architect . Accessories for cubicles.1. Aluminum "U" Section with SS Exterior grade Finish.2. Aluminum "H" Section with SS Exterior grade Finish.3. Aluminum Top Rail with SS Exterior grade Finish.4. SS Coat Hook ( SS 316 )5. SS Privacy Thumb Turn ( SS 316)6. SS Door Knob ( SS 316)7. SS Hinges ( SS 316)8. SS Adjustable Leg ( SS 316)With Rubber lining and Screw Etc. Work complete including all type of fittings, fixtures, tools, etc complete as per manufacturer specification and drawing.</p>	1.00	Unit	0.00	0.00
63	<p>Fabricated work: Providing Fabrication &amp; erection of steel structure as per drawings including materials, consisting of plates, rolled steel joists, channels, angles, chequered plates etc and also rectangular / square hollow steel sections, insert plates in RCC/Brickwork, anchor bolts for steel structure, sleeve pipes, anchor nuts, washers etc, straightening of raw steel if required, fabrication of steel structures with primer and minimum two coats of anti corrosive matt finish paint including preparation of supplementary sketches and detailed bill of materials supply of bolts, nuts, washers, shims, packs, putty. gas, welding electrodes and all other consumables, as required and carrying out surface preparation all complete. The scope includes loading, transportation ,unloading and delivery and erection site of all fabricated structures,, alignment and welding of all structures true to line, level, plumb and dimension, including rectification if any, splicing, site assembly all as per technical specifications and drawings, ,all complete. Contactor shall provide stability certificate for the fabrication structure. Rate inclusive of shop drawing. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessorie, protection sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.</p>	1029.00	KG	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
64	<p>Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling &amp; dressing &amp; finishing the top smooth. work completed including mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, at all floors, all levels, all heights and all shapes, all accessories, protection sheet etc. work complete as per the detailed drawing, approved sample and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.</p>	51.00	Sqm	0.00	0.00
65	<p>Providing corrugated G.I. sheet of class-3 roofing fixed with galvanized iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet. Including cost of all type of tools, tackles, scaffolding, all labour, materials, transportation, Finishing, accessories, silicon sealant if required,. Work complete for at all floor, all level, all depth, all Height, all lead and lift etc. work complete as per the Detailed specification, shop drawing, approved sample, instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Roof area shall be measured for payment.</p>	14.00	Sqm	0.00	0.00
66	<p>Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class- 3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet. Including cost of all type of tools, tackles, scaffolding, all labour, materials, transportation, Finishing, accessories, silicon sealant if required,. Work complete for at all floor, all level, all depth, all Height, all lead and lift etc. work complete as per the Detailed specification, shop drawing, approved sample, instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.</p>	5.00	Sqm	0.00	0.00
67	<p>Clearing and grubbing road land including uprooting rank vegetation grass bushes, shrubs, sapling and trees girth removal of stumps of trees cut earlier and disposal of unserviceable materials (A) in area of light jungle</p>	0.03	Hectare	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
68	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete. work complete including all type of tools, tackles, formwork, safety measures, loading, unloading, transportation, labour, material, all heights, all levels etc complete as per instruction of Architect/EIC. work complete as per the instruction of EIC.	15.00	Sqm	0.00	0.00
69	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concrete as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1 cement:3 fine sand) etc complete. work complete including all type of tools, tackles, formwork, safety measures, loading, unloading, transportation, labour, material, all heights, all levels etc complete as per instruction of Architect/EIC. work complete as per the instruction of EIC.	22.00	Rmt	0.00	0.00
70	Providing laying and jointing in true line and level <b>15mm dia.</b> U.P.V.C. Pipe ( SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	30.00	Rmt	0.00	0.00
71	Providing laying and jointing in true line and level <b>25mm dia.</b> U.P.V.C. Pipe ( SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	10.00	Rmt	0.00	0.00
72	Providing laying and jointing in true line and level <b>32mm dia.</b> U.P.V.C. Pipe ( SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	10.00	Rmt	0.00	0.00

**PRICE BID**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
73	Providing laying and jointing in true line and level <b>40mm dia.</b> U.P.V.C. Pipe ( SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	10.00	Rmt	0.00	0.00
74	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	1.00	Each	0.00	0.00
75	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	2.00	Each	0.00	0.00
76	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	2.00	Each	0.00	0.00
77	Providing and supplying C.I. Air valves of approved make & quality of following class and diameter including taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. Air Valves single (S2) Type 25mm	1.00	Each	0.00	0.00
78	Providing and fixing mosquito proof stainless steel overflow grating for tanks. (Audco/ Lehry/ R.B./ Spirex) 100mm dia.	1.00	Each	0.00	0.00
79	Consruction of Valves chambers in brick or bela stone masonry, locally available in C.M. 1:6 foundation concrete 150mm thick in CC 1:4:8 of trap metal size 25mm to 40mm thick, inside cement plaster in CM 1:3 and cement pointing outside in C.M. 1:3 and top cover of precast RCC slab 100mm thick with key hole in two parts, each with handles or MS Bar etc. complete as given size) Upto 1 Mt. depth from G.L. to pipe invert level incl. complete civil works but excl. cost of excavation and refilling with cast in situ RCC slab in one single piece with fixing of CI-MH Frame and cover (excl cost of CI-MH Frame and cover) with 23mm thick brick masonry wall in CM 1:6 (d) size of chamber 0.60 m x 0.60m and 1.0mt deep with precast slab in two parts 15mm with single piece 10cm with fixing MH Cover.	1.00	Each	0.00	0.00
80	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	5000.00	litre	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
81	Providing & erecting water cooler having storage capacity 150 Ltr. & cooling capacity 150 Ltr.per hour @ an ambient temp of 450 C. The outlet temp. of the water should drop by 150C within a hour, The water cooler should be comprising of hermetically sealed compressor, fan motor, condensing unit, water tank surrounded by evaporating, coil, thermostats, relay etc.complete with necessary inlet & outlet connection. The body of water cooler will be made from Stainless Steel.	1.00	Each	0.00	0.00
82	Supplying & erecting 5 stage single reverse osmosis water purification system with M.S. powder coated frame, prefilter housing with 'O' ring presediment filter GAC filter, carbon filter suitable buster DC pump capacity 80 psi, mention with 40 Osg inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH capacity & erected as directed with one year comprehensive maintenance guarantee. [C] 50 Ltr / Hr with 250 psi 2 nos booster pump	1.00	Each	0.00	0.00
83	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	20.00	Rmt	0.00	0.00
84	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	10.00	Rmt	0.00	0.00
85	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	30.00	Rmt	0.00	0.00
86	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	40.00	Rmt	0.00	0.00
87	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	6.00	each	0.00	0.00
88	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	2.00	Each	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
89	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 150mm	40.00	Rmt	0.00	0.00
90	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	1.00	Each	0.00	0.00
91	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	1.00	Each	0.00	0.00
92	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	30.00	Rmt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
93	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (upto 10 ton)	1.00	Each	0.00	0.00
94	Construction of septic Tank in all types of soil with 40 Cm .thick masonry in CM 1:6, 15 Cm thick C.C bed of 1:5:10, M-15 grade C.C flooring & over stone slab covering ,80 mm thick slab ,jointing of slab in CM 1:3. Ralthal, Kharanja, 50 mm thick stone partition walls, 20 mm thick plaster in CM 1:6 finished with neat floating cement, 4 Nos C.I foot rests of approved design ,two No. 450 mm dia each Ferro cement cover with frame, earth work etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 mtr:- Required size of 3mtr x 2.0 mtr x 3 mtr deep for 500 visitors or As per Architectural Drawings.	1.00	Job	0.00	0.00
95	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (upto 10 ton)	1.00	Each	0.00	0.00
96	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	6.00	Each	0.00	0.00
97	Supplying & erecting approved make motor control cubical panel [Star delta] made from 16G CRCA sheet duly epoxy powder painted inside and outside with hinged doors and locking with suitable size of ON - OFF isolator (AC 3 / 23 duty) main fuses. Digital volt and current meter (in a single unit) with micro controller based control unit and current sensing single phasing preventer electronic overload protection, over voltage (Programmable) protection and under voltage (Programmable) protection, prod less dry run protection programming facility for setting of all parameter like overload current, high voltage limit, low voltage limit, dry run limit with digital indication on seven segment LED display for any fault like over load, high voltage, low voltage, dry running single crimped, electronic star delta timer, feather touch start / stop push buttons to be erected on angle iron frame. Grouted on wall the contactors will be of L& T, Siemens , BCH make only (e) S/D up to 22.5 H.P.	1.00	EA	0.00	0.00

**PRICE BID**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
98	Providing and erecting ISI marked PVC insulated PVC Sheathed Flat flexible Submersible copper cable approved make of following Size. (e) 3 Core x 10 Sq. mm. .	150.00	MTR	0.00	0.00
99	Providing Water proof straight Joint in PVC insulated flat flexible copper cable by using insulating material, water proofing material, & making the joint complete. (A) Up to 10Sq. mm	2.00	EA	0.00	0.00
100	Supplying of following size of <b>HEAVY UPVC</b> column pipe with coupler and wire lock [C] 65 mm dia	150.00	RMT	0.00	0.00
	<b>Total Amount</b>				<b>0.00</b>
<b>C</b>	<b>Part-3</b>				
101	Supply of following size of TOP & BOTTOM accessories i.e. Adaptor set (CI) long, pump guard set, starter pipe Rubber ring for submersible pump & UPVC column pipe as directed by Engineer - in - charge with necessary plumbing as desired. [E] 65 mm dia	2.00	SET	0.00	0.00
102	Supplying & erecting G.I. bend for pipe connections suitable for (E) 65 mm(2.5")	2.00	EA	0.00	0.00
103	Lowering of submersible motor pump set complete with required. Nos. and size of casing pipes erected by means of proper chain pulley block & pipe wrenches after checking of threads of each pipe with coupling to take the load of the pump set and pipe assembly filled up with water. (b)Above 60 mtrs. and Up to 120 mtrs.	1.00	JOB	0.00	0.00
104	Supplying submersible pump set for bore of 150 mm. dia. Or more having 3 phase motor capacity about 20 H.P and discharge capacity having (b) (14 Stage) 650 to 550 LPM discharge at head 84 to 112 mtrs suitable for 65 mm dia. delivery pipe	1.00	EA	0.00	0.00
105	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level. All types of soil. 300 mm dia	150.00	RMT	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
106	<p>PANELS: Providing &amp; erecting weather proof, dust &amp; vermin proof, floor mounted front operated outdoor type double door cubical panel board necessary IP-54 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body &amp; doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions &amp; cable alley as per requirements &amp; instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus &amp; earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains &amp; Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.</p> <p>(B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory</p> <p>Supply, Installation, Testing &amp; Commissioning of LT Panel as per SLD &amp; Specification</p> <p>Incomer : 80A FP MCCB, 18KA</p> <p>Busbar : 80A FP Aluminium Busbar</p> <p>Outgoing : 63A FP MCB,10KA - 2 nos, 63A DP MCB, 10KA - 6 nos, 40A DP MCB, 10KA - 6 nos</p>	1.00	Ea	0.00	0.00
107	<p>Point wiring for Light / Bell with 2-1.5 sq.mm &amp; earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push &amp; accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories CAT III</p>	34.00	Pt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
108	Point wiring for secondary light point with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling, complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC box covered with 3 mm thick PC(Polycarbonet) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories	30.00	Pt	0.00	0.00
109	Point wiring for Two Way Controlled Light Point with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of .ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling ,complete with 6A Modular type switches and following type of accessories erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary batten/angle holder or ceiling rose or H.D.Connector as directed CATIII	5.00	Pt	0.00	0.00
110	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately mounted and accessories with earth continuity of following type erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories.CAT III	11.00	Nos	0.00	0.00
111	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories. CAT III	10.00	Nos	0.00	0.00
112	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. For 6A Plug with 2-1.5 sq.mm Cu. Wire with medium class Rigid PVC pipe and accessories CAT III	20.00	Pt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
113	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[III] For 16A Plug with 2-2.5 sq.mm Cu. Wire (a) with medium class Rigid PVC pipe and accessories.CAT-III	20.00	Pt	0.00	0.00
114	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[III] For 16A Plug and 16 amp switch with 2-4 sq.mm Cu. Wire with 2.5 sq.mm ( green) earthing wire from mcb d b board. (a) with medium class Rigid PVC pipe and accessories.CAT-III	5.00	Pt	0.00	0.00
115	Providing & erecting Switch board for Computer or electric apparatus consisting of following items in single board erected on PVC / Metal board with 3 mm thick PC (Polycarbonate) / Acrylic sheet erected as directed for [B] modular type accessories 1 no. 6A/16A universal plug-switch combined. CATIII 3 nos. 6A Switch 3 nos. 6A 5 pin Plug	4.00	Ea	0.00	0.00
116	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessories (B) 2 wire 2.5 sq. mm	2780.00	Mtr	0.00	0.00

**PRICE BID**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
117	Supply, Installation, Testing and Commissioning of suitable sweep, BEE 5 Star rated, Ceiling fan with Brush Less Direct Current (BLDC) permanent ferrite magnet Motor, class of insulation: B, Rust free 3 nos. Aluminium blades, 2 nos. canopies, shackle kit with earthing provision, copper winding, Power factor not < 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM, 230v (tolerance as per IS : 374-2019), THD < 10%, with remote unit for Speed Control and all remaining accessories including safety pin, nut bolts, washers, temperature rise = 75 degree C (Max.), suitable for 140 to 285 Voltage and rectifier circuit with surge, over current and overload protection , 50 Hz, Single phase AC Supply, earthing etc. Complete as required.[ Make shall be approved by Engineer in Charge] (B) 1200 mm Sweep (48")	11.00	Nos	0.00	0.00
118	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	11.00	Nos	0.00	0.00
119	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with necessary 24/ O.20, 3 core flexible wire with earthing.	11.00	Mtr	0.00	0.00
120	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	11.00	Nos	0.00	0.00
121	Supplying & erecting approved make low noise decorative <b>Exhaust fan</b> having size 200mm with 1350 RPM with square frame ABS body with inbuilt lowers & square frame.	2.00	Nos	0.00	0.00
122	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (A) single phase incoming and horizontal single phase outgoing. (b) sheet steel double door (IP-43). (iv)12 way	4.00	Each	0.00	0.00
123	providing and erecting Miniature circuit breaker <b>single pole 6A to 25A</b> suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	48.00	EA	0.00	0.00
124	Providing & erecting 415 V MCB <b>Four Pole for Motor &amp;</b> Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity C) <b>63 Amp.</b> CAT-III	1.00	Ea	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
125	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 40 Amps.DP Cat. III	2.00	Ea	0.00	0.00
126	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 63 Amps.DP Cat. III	2.00	Ea	0.00	0.00
127	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 50 Sq. mm ( 25 Sq.1/2 mm core)	177.00	Mtr	0.00	0.00
128	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (C) 4 core 6 Sq. mm	47.00	Mtr.	0.00	0.00
129	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (B) 2 to 4 core 6 Sq. mm	8.00	Ea.	0.00	0.00
130	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (B) 3 & 1/2 core 35/50 Sq. mm	2.00	Ea.	0.00	0.00
131	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (A) 1.5/ 2.5/4/6 Sq.mm	34.00	Ea.	0.00	0.00
132	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (D) 35/50 Sq.mm.	8.00	Ea.	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
133	Providing and fixing approved make Ladder type cable tray. Made from M.S sheet. The cable tray should be bended as per IS 2062/1079 shall be fabricated of double bended channel section longitudinal members with single bended Channel section. Rungs of members welded to the base of the longitudinal members at 250 mm c/c spacing . as per IS and shall be coated with hot dip galvanizing as per IS 2629/4759. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge. (8) 150 X 100 X 1.6 mm Thick	10.00	Mtr.	0.00	0.00
134	(9) 200 X 100 X 1.6 mm Thick	10.00	Mtr.	0.00	0.00
135	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (b) 25 mm	1800.00	Mtr.	0.00	0.00
136	Supplying and erecting approved make Single phase power conditioners suitable for input voltage 180V / 280V, output voltage 220V (+ / - 10%) AC 50 'Hz with electronic relays & component of housed in sheet metal cabinet 'with epoxy powder coated, with high - low cut-off, time delay, voltmeter, selector switch, 5/15 A universal socket with range off (E) 5 KVA	1.00	Each	0.00	0.00
137	Providing and erecting HOT deep Galvanised iron strip wire 8 to 16 SWG.	20.00	KG	0.00	0.00
138	Providing and erecting required size HOT deep Galvanised iron strip for earthing of H.T. , OCB/ ACB/ Transformer LT panel board, Motors etc. using proper clamp.	20.00	KG	0.00	0.00
139	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate including value of earth resistane of installation. [B] For Electrical installation up to 11 KV located in other than normal soil i.e. Soft Rock, Marshy Soil etc. -Length of Pipe : 2 mtr -Back filling Compound :1 no. Bag of 25 Kg.	2.00	Ea	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
140	<p>Supplying &amp; erecting in earthpit of minimum bore dia. 225mm size approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate including value of earth resistane of installation.</p> <p>[C] For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant &amp; Sensitive Computer System(like Automation, SCADA)i.e. independent Earthing located in other than normal soil i.e. Soft Rock, Marshy Soil etc..</p> <p>-Length of Pipe : 3 Mtrs.</p> <p>-Back filling Compound :2 nos Bags of 25 Kg.</p>	2.00	Ea	0.00	0.00
141	<p>MOLLIS X LED DOWNLIGHT: 18W, High efficient deep inset recess mounted LED round downlighter with white powder coated, pressure die cast aluminium housing. High transmittivity PS diffuser provides soft light UGR&lt;19. CRI&gt;80, IP40(Housing),IP20(Driver), Ambient temp-0 to 45DegC, CCT - 4000/5700K, 50,000 hrs @ L70 life.Driver efficiency&gt;85%, THD&lt;10%, Powerfactor&gt;0.95, Surge protection-2.5 kV, Multistage Isolated Constant Current-Constant Voltage operated driver with range 100-265V AC and Safety Extra Low Voltage Safe level&lt;60V DC as per IEC standard.</p> <p>Luminaire lumen ≥ 1800 lm. (100 lm/W), Wipro Model No.LD06X-221-XX-57-XX</p>	32.00	NOS	0.00	0.00
142	<p>Glitz LED Downlight: 9W, High efficient deep recess mounted COB LED downlighter with extruded aluminium housing with UGR&lt;19. High efficiency PC frosted reflector optics for effective thermal management using aluminium casting. CRI&gt;80, CCT - 5700K, 50,000 hrs @ L70 life.IP20, Ambient temp-0 to 45DegC, Driver efficiency&gt;85%, THD&lt;10%, Powerfactor&gt;0.9, Surge protection-2 kV, Multistage Isolated Constant Current-Constant Voltage operated driver with range 100-300V AC and Safety Extra Low Voltage Safe level&lt;60V DC as per IEC standard.</p> <p>Cutout Dia-ø70mm. Luminaire lumen ≥ 900 lm. (100 lm/W), Wipro Model No. LD98-131-024-40-G1</p>	6.00	NOS	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
143	Supplying, Installation, testing & erecting of Indoor Linear Lighting 34W-38w 1200MM Suspended profile with below features Extruded Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission or option of Lens Based profile for better task lighting. Option to be selected by Architect / Consultant Efficacy of Fixture 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency Metallic driver with inbuilt surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015.	7.00	NOS	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
144	<p>Supply Installation Testing Commissioning of outdoor RECESS MOUNTED Light 22W-24w Surface Mounted COB Spotlight downlighter with below features                      Pressure die cast Aluminum alloy housing for better thermal conductivity.                      Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission.                      Efficacy of Fixture above 95 Lumens /watt                      Available with 5700K, 4000K &amp; 3000K CCT. CRI&gt;80                      High efficiency driver with inbuild surge protection, over voltage protection, short circuit protection and operating at &gt;0.9 PF. &lt;5% THD. Tilttable.                      LED life of 50000 Hrs @ L70. IP65 Protection                      Luminaire performance &amp; Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015.                      The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only)                      PF &gt;=0.95 and THD &lt;=5 % (Certificate need to be submitted from NABL Accredited lab)                      The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company                      The manufacturer should have their own driver Manufacturing Facility.                      The manufacturer should have their own NABL accredited lab</p>	6.00	NOS	0.00	0.00
145	<p>Supplying, Installation, testing &amp; erecting of High end 20W UP / Down outdoor Light with Following specifications .(3000 deg warm white)                      Min IP 54 to ensure fixture is water and dust tight .                      External separate Silicon encapsulated isolated driver for ensuring better reliability and safety. 10KV/5KVA external surge arrestor.                      TISVA LIGHTING (USHA INTERNATIONAL LTD) Wall mounted outdoor up &amp; down wall light</p>	18.00	NOS	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
146	<p>Supplying, Installation, testing &amp; erecting of 170w 3000/40000/57000k fixture Out door type Led Flood Light with with single piece pressure die-cast aluminium housing with extended heat sink ,with constant Current External Driver and Inbuilt Electrical Protection like over/under voltage ,short circuit open circuit ,miswiring. Fixture body should be of silver Grey COLOR ONLY to intregrate with Pole of the structure. Fixture should be mounted on 6m Pole Top on Round Base matching the similar Post Top Pole. The Fixture should be offered with below features.</p> <ol style="list-style-type: none"> <li>1.Housing made of pressure die cast aluminium with well designed heat sink for rapid heat dissipation</li> <li>2. PC Injection Moulded Diffuser for high light transmitivity .</li> <li>3. Min IP 66 Ingress Protection for Fixture and IP67 for Driver .</li> <li>4. External IP66 Silicon Potted driver for ensuring better reliability and safety .</li> <li>5 . The driver should be easily maintainable from the rear side</li> <li>6. Fixture should be warrantied for 5yrs for 50,000 hrs @ L70 ( LM79 from NABL accredited Lab to be submitted along with Letter from Manufacturer for the Life class claim of L70 @ 50,000 hrs.)</li> <li>7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only)</li> <li>8. PF &gt;=0.9 and THD &lt;=10 % (Certificate need to be submitted from NABL Accredited lab)</li> <li>9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company</li> <li>10. The Fixture should be provided with 10/30/60 Deg lens for better light distribution and Spread.</li> <li>11. The Fixture should be provided with a suitable cradle for sturdy mounting.</li> <li>10. Have their own driver Manufacturing Facility.</li> <li>11. Have their own NABL accredited lab.</li> </ol>	1.00	NOS	0.00	0.00
147	<p>CCTV SYSTEM: 1/2.7" 2Megapixel PS CMOS Image Sensor (0.9407 centimeters), Max. 25fps@1080P, Ultra 265, H.265, H.264 Dual-stream encoding, WDR(120dB), Day/Night (ICR), 2D/3D-DNR, Digital Defog, 9:16 Corridor Mode, ROI, AWB, AGC, BLC, 2.8~12mm Motorized lens, IR Range of 40 Mtrs, Smart IR, Micro SD Card, IP67, IK10, PoE, Support Instastream technology, save disk space and bandwidth upto 70%, Mobile Software: Android, iOS, CMS Software: IVMS. Make : CP Plus or equivalent.</p>	2.00	Ea.	0.00	0.00

**PRICE BID**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
148	Supports HDCVI/AHD/TVI/CVBS/IP video inputs, AI Instastream/ Instastream/ H.265 dual-stream video compression, Max 16 channels IP camera inputs, each channel up to 8MP; Max 128 Mbps incoming bandwidth, Up to 4 channels video stream (analog channel) Perimeter Protection, Up to 8 channels video stream (analog channel) SMD Plus, Up to 2 channels video stream (analog channel) human face recognition, Support 8 SATA HDDs up to 16TB Each, 4 USB Ports 2 HDMI / 1 VGA / 1 TV simultaneous video output., Mobile Software: iCMOB, gCMOB, CMS Software: KVMS Pro. Make : CP Plus or equivalent.	1.00	Ea.	0.00	0.00
149	Supply, Installation, testing & commisioning of Wire less WiFi Router with below specification Networking Interface : (1) 10/100 Ethernet Port Buttons : Reset Antennas ,Power Method : Passive Power over Ethernet (12-24V) Power Supply : Included 24V, 0.5A PoE Adapter Maximum Power Consumption : 6 W Maximum TX Power : 27 dBm BSSID : Up to Four Per Radio Power Save : Supported Wireless Security : WEP, WPA-PSK, WPA-TKIP,WPA2 AES.	1.00	Ea.	0.00	0.00
150	Supply, installation, testing and commissioning of Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge.Modem Jack for Computer & Telephone Open RJ-45 CAT III.	51.00	Each	0.00	0.00
	<b>Total Amount</b>				<b>0.00</b>
<b>D</b>	<b>Part-4</b>				
151	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [D] CAT - 6e ( For LAN, Telephone & Camera).	3504.00	Mtr	0.00	0.00
152	SITC of company fabricated patch cords shall conform to Cat- 6 & conductor shall be stranded for better flexibility Shall support network line speeds up to 1 Gbps Shall have RJ-45 jacks. (C) 3 Mtr	24.00	Ea.	0.00	0.00
153	SITC of Jack Panel, fully loaded with 24 nos. UTP ports for PCB based IO Jacks (RJ45, TIA-568C Category-6, Installation and Termination of all 24 nos. Catergory-6 UTP , unloaded with individually replaceable 24 nos. Category-6 I/O Jacks complying with TIA-568.C.2, as per given jack specification Shall be suitable for loading unshielded & shielded jacks for different category systems (CAT 6 & CAT 6A)	1.00	Ea.	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
154	SITC of 24 x 10/100/1000BASE-T PoE ports 4 x Gigabit RJ45/SFP Combo ports Advanced L2 switching and security features L2+ Static Routing Optional "standard mode" or "surveillance mode" management user interface 193 W PoE budget	1.00	Ea.	0.00	0.00
155	Providing & Erecting Network rack with following capacity with Necessary cooling fan,Cable manager,6A PDU,equipment rack with necessary mounting accessories. (C) 6U	1.00	Ea.	0.00	0.00
156	FA System: Supplying, installation, testing and commissioning of Conventional 2 Loop Fire Alarm Panel complete with accessories as required.	1.00	Ea	0.00	0.00
157	Supplying, installation, testing & commissioning of Conventional Smoke Detector complete with accessories as required.	18.00	Ea	0.00	0.00
158	Supplying, installation, testing & commissioning of Response Indicator complete with accessories as required..	9.00	Ea	0.00	0.00
159	Supplying, installation, testing & commissioning of Conventional manual call point complete with accessories as required.	1.00	Ea	0.00	0.00
160	Supplying, installation, testing & commissioning of Conventional Hooter point complete with accessories as required.	1.00	Ea	0.00	0.00
161	Supply and Laying of 2 Core X 1.5 sqmm FRLS armoured copper Cable (Makefinolex /polycab / RR kabel /Avocab	600.00	Rmt	0.00	0.00
162	Supplying & erecting Amplifier having following specification: Power Output :200W (RMS) (250W Max.) inputs : 6 Misc. & 2 Aux. frequency Response :50-1500HZ I3db Tone Controls :Cut & Boost type LED Meter :5 LED Arrays The amplifier suitable to operate 240V A.C.& 24volt D.C. (Battery) with automatic changeover from AC to Battery operation, duly protected by wrong Battery Polarity connections. [[Approved by Competent Authority i.e. not Below the rank of Executive Engineer ]	1.00	Ea.	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
163	Supplying & erecting four channel Echo Mixer Pre-amplifier with following specification. (i) Suitable to operate on 240V.A.C. & 12 V D.C. Battery supply (ii) B.B.D. Delay system ECHO facility on all inputs through ECHO volume, Repeat & Delay system. (iii) Peak LED for setting optimum distortion free input levels (iv) Two outputs, variable for line & fixed for recording (v)Compatible with Audio Mixing consoles. [[Approved by Competent Authority i.e. not Below the rank of Executive Engineer ]	1.00	Ea.	0.00	0.00
164	Supplying & erecting recess wall mounting speaker with 6W rated input power 3.3 K. Ohms / 3W impedance, 100 - 10000 Hz frequency response with 6 inch dia. cone type 8 ohms speakers duly fitted in ABS plastic cabinet of colour match with wall or ceiling of following size. [[Approved by Competent Authority i.e. not Below the rank of Executive Engineer ] (a)Round Shaped, 230mm dia. Speaker	7.00	Ea.	0.00	0.00
165	Supplying, erecting & testing Approved make Microphone for announcement, speech & general P.A. application with frequency response of 150 - 10000 Hz having sensitivity 2mv/Pa, & impedance 600 Ohms supplied with quick detachable holder, 6 mtr twin core cable & PCIM / MCIF connector. [[Approved by Competent Authority i.e. not Below the rank of Executive Engineer ]	1.00	Ea.	0.00	0.00
166	PA SYSTEM: Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnections etc. as required. (B)Speaker cable Two pair, 2-core, 1.5 sqmm	300.00	Rmt	0.00	0.00
167	Providing and erecting Inverter based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing, drain PVC pipes suitable for ( cost includes Eco Friendly green gas charging and 15A plug top & Remote Control & MS Stand) with necessary core cutting. (2)For 4/5 Star Rating of current year (C) for 1.7 to 2 ton capacity-Premium Cat.	6.00	Ea.	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
168	Supplying & installing MS standard type stand mounting for outdoor unit of Split A.C. upto 4 TR capacity erected with necessary hardware materials as directed.	20.00	Ea.	0.00	0.00
169	Supplying and erecting insulated pair of soft copper tubing open or concealed including power and control cable,necessary PVC drain pipes for Split AC machine up to 4 TR capacity	20.00	Rmt.	0.00	0.00
170	<p><b>Gypsum MR grade Ceiling :</b> M/F Suspended MR Ceiling includes Gypserra™ Perimeter Channel {Material-GI(IS513),YS-260Mpa,Finish- Galvanised 150GSM(IS27 )} is fixed along the perimeter of existing wall/ partition with the help of HILTI HPS - 1 (6x40) impact anchor, at 600mm centres. Gypserra™ Ceiling Angle {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is suspended by fixing it to the Gyproc® soffit cleat {GI(IS513)YS-260Mpa,Finish-Galvanised 150GSM(IS277) }. Soffit Cleat and Gyproc® Rawl Plug- Ø8x45mm {Material-IS 513 CR2 grade, Zinc coating (7 to 8 microns) pull out load- 6.8kN for M30 concrete grade} creating 1220mm x 1220mm grid. Gypserra™ Intermediate channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277) } is fixed to the Gypserra™ Ceiling Angle with M6 x 12mm Hex Bolt &amp; Hex Nut arrangement {Material-As per EN 10083 Finish – Zinc Plating} or with 2 Nos of Ø4.2x13 Gyproc® metal to metal screw {Material-Carbon steel EN-ISO 7049/50 Finish- Zinc Coating Thickness- 4.14micron.} The Gypserra™ Ceiling Section {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is then fixed to the Gypserra™ Intermediate Channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} with the help of Gyproc® Connecting Clip {Material-High carbon spring steel wire(BS970Gr.En42)-46-48HRC,Finish-Zinc plating 4-6 micron} and in direction perpendicular to the Intermediate channel at 457mm c/c. Single layer of 12.5mm tapered edge Gyproc® MR (conforming to IS 2095 Part 1:2011/ EN 520:2004, Type-A &amp; H1/ASTM C1396) is then screw fixed to ceiling section with 25mm drywall screws {Material-Carbon steel EN-ISO 7049/50,Finish-Case hardened Grey Phosphating} at 230mm centres on ceiling section &amp; 150mm at periphery of ceiling. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc® Pro-Fill Jointing compound (Conforms to ASTM C475), Gyproc® Joint Paper tape. Serrated section has effective thickness of 2T ( 2xdepth), better load carrying capacity, enhanced screw retention, Improved acoustic performance &amp; fire resistance as compared to plain steel section. All Gypserra™ metal components are patent applied for.(Application No. 201741018271) The item includes providing and fixing trap door of size 600 X 1200 mm as per approved sample of Ceiling panels comprise of a powder-coated beaded steel frame with gypsum / plywood board door. Each panel features a push- latch closing mechanism with door retaining safety cable &amp; hook.Suspenders from ceiling to support the frame and trap door firmly along with necessary hilti fastner, cleats, screws, angles, packing, , safety measures etc. complete work. Necessary cutting / providing openings in the ceiling for AC fixtures, grills, electrical fittings, or other utility services, hatch openings etc. shall be provided by the Contractor and cost of making such modifications shall be included in the price.</p>	212.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
171	<p><b>Thin Profile Double leaf glass door :</b>                      Supply &amp; Installation of Modular Aluminium Glass door frame of Kubik or equivalent make 45mm System, Using KOPS 001 &amp; KOPS DF 103 ( 45mm x 25mm) for Glass door frame                      Doorframe Dimension – 45mm x 25mm.                      Finish – SILVER finish / Powder coating as per approved sample by Architect                      10mm thk. clear toughened Glass                      KUBIK Glass Hinge, HAFELE Open Door closer with saddle plate, KUBIK Mortise lock with handle (Handle Size 4'), KUBIK Door stoper                      Item includes all necessary fitting / fixing, fixtures of approved make complete as per specification, drawing, approval and instructions of the Architect/Client. Rate shall be inclusive of all material loading unloading at all height and all floor. Sample mock shall be approved from Architect/Client.</p>	4.00	Sq.mt	0.00	0.00
172	<p><b>Frosted sparkling glass film (Colour film) :</b> Providing and fixing frosted glass film of approved make Translucent, cast PVC, self-adhesive vinyl, special CRYSTAL-effect film to reproduce Sand-blasting effect on glass with customised designs. MCS warranty of 3 (if exposed to direct sunlight) to 10yrs (indoors) must be endorsed by manufacturer. Rate shall be inclusive plotter cutting design as per Architect/Client suggestion. Contractor shall provide shop drawing for approval of Architect/Client.work complete including all type of tools, tackles, scaffolding etc complete as per suggestion of Architect/Client. If in case any application finishing will not as per satisfaction contractor shall remove all film at their cost. Contractor shall do a sample mock of 5 Sqm minimum of glass film), shall be approved from Architect/Client.</p>	5.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
173	<p><b>VNR Laminate Panelling</b> : Providing &amp; fixing 12mm thick fire retardant marine plywood as per IS 710:2010 and IS 5509:2000 fixed on frame work finish with 1mm thick VNR laminate finish. The frame work shall be made from square hollow aluminium anodised section size of 50x50x1.5 mm &amp; 25x50x1.5 mm of approved make conforming to IS code. The framework shall be fixed as per drawing vertically @ 600 mm c/c &amp; horizontal 600 mm c/c horizontally. All ply/wooden shall be treated with anti- termite treatment . Measurements for paneling work to be recorded upto finished false ceiling level only irrespective of aluminium frame work, which shall be provided from gr. level to RCC slab / beams soffit level. Rates shall also be inclusive of cost of making CNC/engraving /cut outs/ openings for electrical fixtures, tube lights /air-conditioners ,grills, diffusers etc &amp; providing additional sections for strengthening around the openings/cutouts additional support for fixing of patch fittings for doors, making grooves between wall &amp; board, in filled with termite treated wooden members if required or as per drawing /instruction of EIC. and no extra payment shall be considered for additional sections provided. All curved surfaces, recesses, waffles shall be part of the paneling including openable shutter wherever required area and finished with the same material.Work complete including all type of material, fittings , fixtures, Finish, loading , unloading , transportation, all leads ,accessories, groove, adhesive ,tape, headless nails, sample mockup, all floor , all levels, all heights etc complete as per detailed drawings ,specifications &amp; instruction of Client/EIC. only the clear elevation area of finished plywood wall paneling with Laminate shall be measured and paid. sample mock shall be approved from Architect/Client. Basic rate of VNR Laminate is 45/ Sq.ft</p>	13.00	Sq.mt	0.00	0.00
174	<p><b>Ply palmet</b> : Providing and fixing wooden pelmets of upto 200 mm x 300 mm L shape made of 19mm thick ply as per IS 710 and beading of 4mm thick and 25mm wide Ghana Teak wood for projection screen. Rate to be inclusive of lipping, cutting, wastages, necessary fixtures, nails, adhesives, necessary scaffolding, fixing at all heights and for all floors as per drawing and approved sample etc should also take load of all the all roller blinds.</p>	4.00	Rmt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
175	<p><b>Roller Blinds :</b>                      Providing and fixing blinds as per approved make as per suggested shade &amp; spring drive system with steel ball chain/one touch with speed control action roller blind with end brackets with head rail, components, bottom bar.                      Fabric : screen classic 1% to 3% .Fabric value : 470 Gsm ,Thickness : 0.60 to 0.70 mm Construction: 75 % PVC &amp; 25 % Polyester                      Fabric to be as per approved sample. All the work complete as per the detailed drawing , mockup sample and instruction of Architect/EIC. All complete as per approval of designer. The mode of Measurement: The size of the blind will be measured from end to end bracket (Left to Right bracket) height will be measured from top of the pelmet to sill bottom level and clear opening size only there will be not extra payment towered overlapping.&amp; mockup sample approved by the Architect/ EIC.</p>	20.00	Sq.mt	0.00	0.00
176	<p><b>Writable with magnetic glass board :</b> Providing &amp; fixing 04 mm SGG Pristine Tan Glossy Finish writable &amp; Magnetic CEP board on existing partition/wall as per approved sample by Architect/Client.                      work Including cost of all type of fittings , accessories , tools, tackles, all labour, scaffolding, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. etc.work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.Only the clear elevation area shall be measured and paid.</p>	1.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
177	<p><b>Incharge Cabin Table Unit</b> : all top 25 mm thick                      Main Table of size : 1500mm x 750mm x 750ht, Side storage : 1050mm(L) x 450mm(D)x 750mm(H), Pedestal Unit-400x470x545. Back side unit : 1500 x 450 x 750 mm                      Providing and fixing table unit consist main table, side table ,back storage with pedestal unit with all necessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories. All finishes VNR laminate,powder coating /anodizing shade shall be approved by architect. Rate shall inclusive of mock up sample providing and fixing at site of unit for approval of architect.Contractor shall submit as per site condition shop drawing for modular furniture layout and send detail drawing for each furniture with 3D and plan section for approval of architect/client.                      Table Top:-25 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. Flip Open:-450mmx150mm Aluminium Powder coated flip open above the table top with build in Soft closing mechanism and Termination Box below table top to accommodate electrical and data socket.Vertical cable riser consider below the table top for wire entry from the floor.                      Understructure ; Work top is supproted on 18mm Gable end/MS/Alumnium powder coated legs with Supporting Beams. Front Modesty, Laminated Plyboard Modesty as per drawing                      Side and Back storage : top is 36mm The structure is made out of 18mm thick pre-laminated boards (PLB). The shelves are made out of 18mm(PLB), which are adjustable in height. The shutters are made out of 18mm(PLB), and fitted by hinges. Reverse waterfall handles,normal locking unit and levelers are considered. Back storage with sliding storage.                      Prelam Pedestal : 400mm(L)x450mm(D)x650mm(H) : The unit to be build prelaminated particle board having 2 drawers +1 filing unit with normal lock and reverse waterfall handle is considered.                      All the exposed edges are sealed with 2mm thick PVC Imported edge banding on sides and bottom. The top and drawer facia are sealed with 2mm thick PVC edge. The drawer unit consists of 1 box drawer and 1 file drawer. The drawer box is fitted with telescopic channel Hettich or Haffle make for free movement. The drawer unit is provided with central locking system, where in the drawer are locked with one key.SS 304 recessed handles are provided for easy opening and closing of drawer. The drawer unit is fitted on castors (optional) for easy mobility. PVC edge banding are imported from Rehau or Dolken of Germany. The complete furniture unit is factory assembled with knock down fittings.Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, monocoat polish, placing at all floors and for all leads, all accessories as described in item description. Equivalent to VNR Series Laminate.</p>	1.00	Per Unit	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
178	<p><b>Reception Table Table of size : 1500mm x 600mm x 900 mm ht</b></p> <p>Providing and fixing Reception table unit consist main table with pedestal unit with all necessary accessories keyboard, CPU stand , cable manager, etc with all required necessary accessories.</p> <p>Working Desk Top: 25 mm th post forming top with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client.</p> <p>Flip Open:-450mmx150mm Aluminium Powder coated flip open above the table top with build in Soft closing mechanism and Termination Box below table top to accommodate electrical and data socket.Vertical cable riser consider below the table top for wire entry from the floor.</p> <p>Table front: As per detail drawing and reference image made from BWR ply structure finish VNR laminate with required all edge finish , logo as per given detail as per drawing</p> <p>The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools &amp; tackles, adhesives consumable hardware &amp; required SS 304 grade hardware/ accessories, grooves pvc edge banding , etc of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.</p>	1.00	Nos	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
179	<p><b>4'ft height storage: 450 mm Depth</b></p> <p>Storage unit top made up of 25 mm thk MDF Exterior grade The top has a post formation round edge finish with both side laminate .Storage body is made of 18mm thick MDF top with exterior grade finish with both side 1 mm th laminate . Shutter finish with both side 1 mm th laminate. The back of the unit is made from 9mm prelaminated board. All the exposed edges are with 2mm PVC edge Imported banding &amp; sealed edges are with 0.8mm thick PVC Imported edge banding. Having premium lock with wave key technology and side and hinged shutters are sealed with 2mm thick PVC edge banding.SS 304 recessed handles are provided for easy opening and closing of shutter. The units are assembled by knock down fittings such as Minifix &amp; Dowels. All the hardware and Hinges are from Enox/Ebco. PVC edge banding are imported from Rehau or Dolken of Germany .Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, monocoat polish, placing at all floors and for all leads, all accessories as described in item description. As approval of EIC. All the work complete as per the detailed drawing , mockup sample and instruction of Architect/EIC. Work complete as per the instruction of EIC.Contractors shall submit as per site condition shop drawing for modular furniture layout and send detail drawing for each furniture with 3D and plan section for approval of architect/client Equivalent to VNR series laminate.</p>	2.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
180	<p><b>Full Height Storage with Laminate Finish : 450 mm Depth</b>                      Storage Comprising from IS 303 BWR 19 mm thick and 12 mm ply, finish with 1 mm thick Laminate finish as per approved make and shade by Architect.                      Solid Shutter : 25 mm thick comprising from IS 303 BWR ply &amp; finish with 1 mm thick Laminate .                      Shelf: 19 mm thk IS 303 BWR ply finish with both side approved laminate. Inner area shall be finished with linear laminate.                      Ledge/Niche comprising from HDF / Lacquered glass finish w, required lighting arrangement.                      The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools &amp; tackles, adhesives , grooves , consumable hardware &amp; required SS 304 grade hardware/accessories , Profile handle, Wooden frame, monocoat polish, pvc edge banding of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. Equivalent to VNR series laminate.</p>	2.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
181	<p><b>Pantry below storage :</b> Providing, making, fixing as per detail drawing made from 19 mm IS 710 BWP ply structure and both side 1 mm th laminate finish shall be of approved make &amp; shade and as per the detail drawing. All the edges of ply shall be covered with Laminate finish Rate shall also inclusive of all necessary brass satin finish nickel plated/S.S 304 grade hardware like Hinges, locks,6"handle , 75 mm tower bolts, ball catches/Magnet, The rate shall be inclusive of shelf both side laminated finish and as per detail drawer unit with SS 304 grade kitchen basket as per selction by architect The rate shall be in sqm of elevation area for all floors and at all heights including all costs complete as per the Architectural drawings &amp; instructions.Only the elevation area of the storage unit will be measured and paid for. Item for laminate fixing and polishing is included in this item. Approval of all loose material (sample of materials to be used) &amp; raw manufacturing to be got approved in advance from EIC &amp; Architect prior to the final production of the work. Manufacturing shall in parts or as whole as per the requirements &amp; or assembled at site as per the requirement and directed by EIC &amp; Architect. All material to be used shall be as per the drawings &amp; confirm to the relevant detailed material specifications of this document. The work shall be measured &amp; paid in sqm The rates shall be inclusive of all wastages, material, labor, transportation, loading, unloading, fixing in position, etc. complete to the satisfaction of the Architect and EIC. The mock-up of 1 unit shall be approved from EIC and Architect prior to the final production. Equivalent to VNR series laminate.</p>	3.00	Sq.mt	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
182	<p><b>Pantry above storage -350DX600 H:</b> Providing, making, fixing as per detail drawing made from 19 mm IS 710 BWP ply structure and both side 1 mm th laminate finish shall be of approved make &amp; shade and as per the detail drawing. All the edges of ply shall be covered with Laminate finish Rate shall also inclusive of all necessary brass satin finish nickel plated/S.S 304 grade hardware like Hinges, locks,6"handle , 75 mm tower bolts, ball catches/Magnet, The rate shall be in sqm of elevation area for all floors and at all heights including all costs complete as per the Architectural drawings &amp; instructions.Only the elevation area of the storage unit will be measured and paid for. Item for laminate fixing and polishing is included in this item. Approval of all loose material (sample of materials to be used) &amp; raw manufacturing to be got approved in advance from EIC &amp; Architect prior to the final production of the work. Manufacturing shall in parts or as whole as per the requirements &amp; or assembled at site as per the requirement and directed by EIC &amp; Architect. All material to be used shall be as per the drawings &amp; confirm to the relevant detailed material specifications of this document. The work shall be measured &amp; paid in sqm. The rates shall be inclusive of all wastages, material, labor, transportation, loading, unloading, fixing in position, etc. complete to the satisfaction of the Architect and EIC. The mock-up of 1 unit shall be approved from EIC and Architect prior to the final production. Equivalent to VNR series laminate.</p>	2.00	Sq.mt	0.00	0.00
183	<p><b>Centre table:</b> Centre table two nos unit pair - 1 unit- 800 mm top &amp; 380 mm ht /2 unit- 500 mm top &amp; 500 mm ht (size may be vary as per slection by 100 -200 mm) Supplying and placing centre table as per approved selection by Architect/ Client. Equivalent make as per approved make list .Table top finish as per selection Work complete including all necessary hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client. basic rate of table Rs. 25,000/-Pair</p>	1.00	Pair	0.00	0.00
184	<p><b>Corner table:</b> - 500mm top &amp; 480 mm ht (size may be vary as per slection by 100 -200 mm): Supplying and placing corner table as per approved selection by Architect/ Client. Equivalent make as per approved make list .Table top finish as per selection Work complete including all necessary hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client. basic rate of table Rs. 12,000/-Nos</p>	1.00	Nos.	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
185	<p><b>Sofa (two Seater):</b> 1500mm (L) x 870 mm (B) x 800 mm (H) comprising up of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density &amp; back shall be 32 density foam &amp; finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external &amp; internal exposed woodwork to be finished in PU semi gloss finish polish. .The work shall be done as per drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools &amp; tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic Rate of Fabric : 800 Rmt</p>	1.00	Nos	0.00	0.00
186	<p><b>Chair Type-3A -Model equivalent make - Amardeep Lotus 01 High Back</b>                      * Chair with Frame in MS * PU Foam in Back &amp; Moulded PU Seat.                      * PU Arms with PU Cladding. * Synchronized Multi Lock Mechanism. * Chrome Base &amp; Gas Lift.                      Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	1.00	Nos	0.00	0.00
187	<p><b>Chair Type-4A -Model equivalent make - Amardeep Lotus 02 Mid Back</b>                      * Chair with Frame in MS. * PU Foam in Back &amp; Moulded PU Seat.* PU Arms with PU Cladding.                      * Synchronized Multi Lock Mechanism.* Chrome Base &amp; Gas Lift.                      Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	2.00	Nos	0.00	0.00

**PRICE BID**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
188	<p><b>Chair Type-5A ( Other area Chair) - Model equivalent to Vento 02 : Mid Back Revolving Chair</b> as per approved make list.</p> <p>* Frame in Moulded Nylon PP with Black Mesh &amp; PU * Moulded Cushion on Seat. * Cushion Lumber Support.</p> <p>* Adjustable Arms with PP Pad . * Chrome Base.* Synchronized Mechanism with Single Lock &amp; Gas Lift.</p> <p>Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	1.00	Nos	0.00	0.00
189	<p><b>Signages</b> : Providing and fixing signages comprising form 45mm aluminum profile with back side UV printed PC as per instruction of Archiect/EIC. Contractor shall submit mock up sample.</p>	1.00	Sq.mt	0.00	0.00
190	<p><b>Signages</b> : Providing and fixing signages comprising form ACP/ Solid wood with Acrylic leter as per instruction of Archiect/EIC. Contractor shall submit mock up sample.</p>	1.00	Sq.mt	0.00	0.00
191	<p><b>Emergency Signages</b> : Providing and fixing emergency signages of size 300mm x 100mm comprising form 1.5mm thick photoluminescent tap on 3mm thick acrylic sheet as per instruction of Archiect/EIC. Contractor shall submit mock up sample.</p>	2.00	Nos	0.00	0.00
192	<p><b>Logo Work</b> : Providing and fixing standard Logo using virgin acrylic or other material like Colored HDF/cementsheet /SS plate with CNC work complete as per architect selection , letters as per detailed drawings and fixed with approved adhesive with necessary fittings and provision shall be made for conceal LED light as per detail drawing. (logo size will be aprox. Size - 600 mm dia )</p>	1.00	Nos	0.00	0.00

**PRICE BID**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
193	<p><b>Signages: 3D letters with LED : Wall Mounted</b></p> <p>Material : 3 mm thick exterior grade premium quality ACP sheet (0.25 mm foil thickness) &amp; and 3D Embossed virgin acrylic/aluminum letters as per approved make and sample by Architect/ Client.</p> <p>Led Light : Rishang(Korea) and SMPS as per approved make and sample by Architect/ Client.</p> <p>The rate shall be for complete item of Designing , providing , fixing &amp; erection , inclusive of all material, labor, wastages, necessary tools &amp; tackles, adhesives, required hardware/accessories , any type of framing work , engraving , required civil work with finishing , LED light .</p> <p>Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transportation, , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications &amp; instruction of Client/EIC.</p>	1.00	Sq.mt	0.00	0.00
	<b>Total Amount</b>				<b>0.00</b>
<b>Sr. no.</b>	<b>Summary Sheet</b>				<b>Amount</b>
A	Sub Total : Part - 1				0.00
B	Sub Total : Part - 2				0.00
C	Sub Total : Part - 3				0.00
D	Sub Total : Part - 4				0.00
	<b>Grand Total Amount (Rs.)</b>				<b>0.00</b>

**GST Extra as per Govt. Norms**