

Project: Various Civil works related to the MEPP Upgradation works with New Registration/Frisking Counters/Remaining Civil Maintenance works at Mahatma Mandir, Gandhinagar					
Price Bid Part 1					
Item No.	Item Description	Unit	Total Approx QTY.	Unit Rate (Rs)	Total Amount (Rs.)
I	Demolition/dismantling				
1	Demolition of Brick work/Block Masonry & stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (ii) in Cement Mortar	Cu.M.	8.60		
2	Dismantling tiled or stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sq.M.	1382.50		
3	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (1) RCC work	Cu.M.	25.00		
4	Dismantling /Making cut outs as per the required size as per the drawings in existing RCC walls/Slab, RCC Floor of min 150-200 mm thickness at given location as per Architect requirements including necessary tools and machineries like pneumatic drills, Cutter machines at all levels etc., including cutting the reinforcement steel, scaffolding, watering and desposing the debris outside the premises in places approved by the relevant local Govt. authority and steel removed to be stored and then disposed as directed within the site. Finish the edges properly with approved material as directed and specified by the Architect /Engineer in charge. Provision of additional supports to existings roof/structure for safety purpose shall be included in rates.	Sq.Mt.	15.10		
II	Excavation & Back Filling works				
5	Excavation in all types of soil excavation. loading, unloading & double handling where required, necessary equipments, tools & plants, dressing the excavation to proper level and grade as required, dumping the soil in the designated area approved by the Authorities, Rate shall also includes all consumables including protecting the sides of excavation as per the nature of site soil condition and safety of excavation etc. complete, as directed. Rate to include for excavation for all leads & lift, loading & unloading, Compacting and leveling. Depth not exceeding 1.5 m from existing level	Cu.M.	1172.50		
6	Excavation in all types of soil excavation. loading, unloading & double handling where required, necessary equipments, tools & plants, dressing the excavation to proper level and grade as required, dumping the soil in the designated area approved by the Authorities, Rate shall also includes for all consumables including protecting the sides of excavation as per the nature of site soil condition and safety of excavation etc. complete, as directed. Rate to include for excavation for all leads & lift, loading & unloading, Compacting and leveling. Depth: Form 1.5 m to 3 m	Cu.M.	314.10		
7	Excavation in all types of soil excavation. loading, unloading & double handling where required, necessary equipments, tools & plants, dressing the excavation to proper level and grade as required, dumping the soil in the designated area approved by the Authorities, Rate shall also includes for all consumables including protecting the sides of excavation as per the nature of site soil condition and safety of excavation etc. complete, as directed. Rate to include for excavation for all leads & lift, loading & unloading, Compacting and leveling. Depth: Form 3 m to 5 m	Cu.M.	335.00		
8	Backfilling/Filling with selected available/excavated earth stacked inside the campus in foundation, plinth, floors, trenches or as instructed by client in layers of 20 cm with watering, ramming, compaction with required mechanical or manual means to achieve required dry density and modified proctor density. Item rate inclusive of all transport, taxes - royalties, duties, etc. as well as loading, un-loading, spreading in layers and compaction cost, tools, plants, consumables and labor costs, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment will be paid of compacted volume.	Cu.M.	1457.90		
9	Providing and back filling/Filling with Sand of approved quality brought from outside in plinth, floors, trenches with watering, ramming, compaction with required mechanical or manual means as per drawing, specifications. Item rate inclusive of all transport, taxes - royalties, duties, etc. as well as loading, un-loading, spreading in layers and compaction cost, tools, plants, consumables and labor costs, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done of compacted volume.	Cu.M.	180.40		
III	Cement Concrete Works				
10	Providing & laying Design Mixed Concrete M-150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in foundation Footing base of columns and mass concrete	Cu.M.	174.30		
11	Providing & Laying Design Mixed Concrete of Grade M30 in all elements at all level, including all lead and lifts, tools & plants, pumping the concrete to all levels, vibrating, curing etc. complete Rate to include for all necessary formwork and supports wherever applicable but excluding cost of reinforcement. For Below Ground	Cu.M.	222.70		
12	Providing & Laying Design Mixed Concrete of Grade M30 in all elements at all level, including all lead and lifts, tools & plants, pumping the concrete to all levels, vibrating, curing etc. complete Rate to include for all necessary formwork and supports wherever applicable but excluding cost of reinforcement. For Above Ground for all floor levels.	Cu.M.	436.60		

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13	Providing & Laying Design Mixed Concrete of Grade M25 in all elements at all level, including all lead and lifts, tools & plants, pumping the concrete to all levels, vibrating, curing etc. complete Rate to include for all necessary formwork and supports wherever applicable but excluding cost of reinforcement. For Below Ground	Cu.M.	186.00		
14	Providing & Laying Design Mixed Concrete of Grade M25 in all elements at all level , including all lead and lifts, tools & plants, pumping the concrete to all levels, vibrating, curing etc. complete Rate to include for all necessary formwork and supports wherever applicable but excluding cost of reinforcement. For Above Ground for all floor levels.	Cu.M.	913.90		
15	Providing and laying Controlled Cement Concrete M25 exposed finish work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in walls	Cu.M.	50.90		
16	Providing ISI Mark T.M.T. Bar Fe500 Fe reinforcement for R.C.C. work including bending, binding and placing in position complete for all floor levels.	Kg.	110641.50		
IV	Brick Work/Dry wall				
17	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6- Fine sand) (B) Conventional	Cu.M.	45.50		
18	DRY WALL PARTITION: Supply and installation of gypsum partitioning with metal stud partition comprising 50mm metal studs and channels, both faces lined up with two layers of 12.5mm Gypsum board with taped joints, polythene acoustic sealant & skim coat finish. 100mm thick partition up to 2.35 mm height as per drawings inclusive of metal and structure.	Rmt	87.20		
V	Plastering works				
19	Providing 10mm thick Cement Plaster in single coat for RCC Ceiling & Soffit of stair interior plastering including finishing with a floating coat of neat cement slurry in cement mortar 1:3(1 cement 3 sand) watering, curing etc. complete for all floors	Sq.M.	790.80		
20	Providing 20 mm thick double coat Mala Cement Plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete for all Floors	Sq.M.	1311.30		
21	Providing Cement Vata (10 cm. X 10 cm. size) quarter round in Cement Mortar 1:1 including neat cement finishing, watering etc. complete.	Meter	180.80		
VI	Paint Works				
22	Providing and applying Interior grade Acrylic Emulsion paint for interiors walls/ columns/ slabs / beams or as indicated with 2 coats of Birla white wall putty (or equivalent), 1 coat of w/b primer and 2 coats of emulsion paint of Asian/Berger/jotun or equivalent, of approved color. And preparing the surface by cleaning/sanding, filling up the cracks with crack filler, erecting and dismantling of scaffolding as & when it is required, finishing the surface with roller etc., complete. Note: Contractor shall arrange for his own scaffolding materials, ladders etc., legs of the ladders shall be covered properly with gunny bags so that floor does not get damaged. Floor shall be properly covered with plastic sheets to avoid stains of paint while applying etc., complete with all leads & lifts complete and as directed by Engineer-in-charge. Rate is including of Touch up works.	Sq.M.	1179.50		
23	Applying all weather proof Acrylic Exterior Emulsion paint (two Coats) over one coat of exterior emulsion primer (one coat). Paint shall be Apex paint of Asian, weather coat of Burger, excel of Nerolac to give an even shade after thoroughly brooming the surface to remove all dirt,dust,mortar drop etc. complete for all Height.	Sq.M.	1306.30		
VII	Flooring works				
24	Providing and laying average 50 mm thick IPS flooring in 1:2:4 grade at all levels and in required slope and leaving the surface rough wired/smooth finish, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done of Plan area as per drawing, /laid at site.	Sq.M.	415.50		
25	GRANITE FLOORING: Providing and laying/Refixing with best quality approved Granite slabs not less than 20 mm thk, of size not less than 600mmX600mm or as required, selected & sorted for uniformity in colour free from cracks, fissures & flakes with straight edges and perfect corners laid at right angles as per pattern set in C.M 1:4, 30 mm thick with joints finished with pigments to match the natural stone colour, cutting, edge chamfering and polishing rough, medium, nice as directed. Skirting shall also be considered in sq.m. Bidder to also make sure that no surrounded tile shall be damaged during refixation, necessary flooring protection sheet shall be laid to avoid it. Level with adjacent flooring shall be matched. Mirror/Semi mirror polish shall be done by the bidder as per the requirement of client. Consider Basic rate of Granite Rs. 1700 per Sq.m. Bidder to take approval for type/shade of granite and shall get rate approved from client before execution of work.	Sq.M.	967.80		

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26	PRE POLISHED KOTA STONE TREAD/RISER: Supplying and laying / Repairing 20mm thick 335 mm wide machine cut and machine polished with trioxide finish kotah stone tread free of flakes and fissures and of approved uniform colour throughout with half rounded edge nosing and 3 nos of antiskid grooves over a cement mortar bed 20mm thick average in CM 1:4, finished in all respects, including protection of finished floor with POP and polythene sheets all materials and labour complete. Bidder to also make sure that no surrounded tile shall be damaged during refixation, necessary flooring protection sheet shall be laid to avoid it. Level with adjacent flooring shall be matched as per instruction of Engineer in Charge.	Sq.M.	57.00		
VIII	False Ceiling work				
27	Providing & fixing Calcium Silicate M/F suspended False Ceiling consisting of GI intermediate channel, perimeter channel, Ceiling section & Ceiling angle using metal dash fasteners for suspension. The 12.5mm thick calcium board is screw fixed to the bottom of the suspended frame. The joints between the boards are finished with jointing compound & fiber tape to get a smooth flush finish. Ceiling to be finished with 1 coat of primer, Full putty & 3 or more coats of plastic emulsion paint. Final coat will be with roller finish. The finishes to the satisfaction of the architect/Engineer in Charge.	Sq.M.	726.20		
IX	Glazing works				
28	Providing and fixing of Glazed partitions with 12 mm thick toughened glass as per design .Design, fabrication ,supply and installation of curtain wall glazing in the form of fixed panels as per attached design to be fixed with existing MS beams & columns with adequately designed brackets with hilti fasteners & fixing glass as specified including providing masking tape on the profiles for safety against external scratches on site complete etc. glass considered is 12 mm thk clear toughened glass with all necessary fittings/fixtures as per instruction of Architect/Engineer in charge. Finishing of mullion shall be matched with Steel columns.	Sq.M.	486.70		
29	Providing and fixing Glass film of required design/pattern on Glass panels as per the design and instruction of Architect/Engineer in Charge. Joints of film shall be seamless. Consider basic cost of Film Rs. 300.	Sq.M.	486.70		
X	Door-Window works				
30	Providing and fixing Sliding door with 10 mm toughened glass sensor based with top and bottom aluminum rail with patch fitting, required clamps, EPDM Gasket, Making holls for lock, Hardware/accessories fitting and fixing with silicon sealant as per existing work, site situation etc. complete. As per Drawing, Design and instruction of EIC	Sq.M.	54.00		
31	Providing and fixing entrance door/Window of laminated glass 12 mm thk with patch fitting, required clamps, EPDM Gasket, Making holls for lock, Hardware/all required accessories fitting and fixing with silicon sealant as per existing work, site situation etc. complete. As per Drawing, Design and instruction of EIC	Sq.M.	92.80		
32	Providing and fixing Rolling shutters of approved make made of 80 mm wide M.S. laths interlocked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (A) Shutters having width below 3.5 M.	Sq.M.	12.60		
XI	Fabrication works				
33	ANODIZED ALUMINIUM FRAMED FIXED LOUVRES: Providing and fixing in position aluminum louvers of Boruka or Equivalent "Z" profiled 100mm wide average louvers to the specified height as per the architectural drawings and approval of the architects. The louvers shall be placed with a center to center distance of 75 mm in the Horizontal direction and the vertical supporting structures shall be designed to take a wind load of 200 kg/m ³ . The rate includes preparation of shop drawings and shall be executed after the approval from the architects and as per the existing installations at site. The rate will also include providing and applying Exterior grade Acrylic Emulsion paint to the block work to the necessary heights behind louvers	Sq.M.	251.50		
34	Providing, fabricating, assembling, hoisting, erecting and fixing in position at all heights, all levels, all floors, all shapes & sizes with all leads & lifts using MS Rolled Steel Sections, Hollow sections, Tubular Sections, MS Plates, Chequered Plates , chain-link etc. all conforming to latest relevant IS codes for the work of steel structures like staircases, canopy, section for fencing, railings, jali, gates, decorative element, grills, bracings, platforms, monkey ladder, cattle trap, insert plates, trench covers, Collapsible gate, barbed wire fence over compound wall, MS sliding door etc. including straightening, cutting, bending, bolting and welding the members all as per structural drawings and as per detailed specifications (for materials & workmanship) including necessary scaffolding / staging, anchor fasteners, embedded in Masonry/RCC structures etc. all complete as per detailed specifications and instructions of Engineer in charge. The rate shall include for applying two coats of approved make and shade hammer tone paint over two coat of zinc chromate yellow oxide as primer. Rate shall be paid on KG only. Payment shall be done as per drawing/laid at site and standard weight of used members shall be paid. Consider all the materials in contractor's scope.	KGS	1500.00		
XII	Tensioned Membrane Roof Structure including MS structure as per approved design				

Item No.	Item Description	Unit	Total Approx QTY.	Unit Rate (Rs)	Total Amount (Rs.)
35	<p>Designing Tensioned Membrane Roof Structure Development of design & detailed engineering (by an engineer that is a fellow / life member of IAStructE, having at least 10 years experience of designing tensile structures and having authorized copies of non-linear FEA and verification software like Easy/ixCube 4-10/NDN), as per the Architect's drawing including preparation of Membrane shop drawings of tensioned Membrane Roof structure, aluminum clamp bars, hardware like bolts as per Indian standards including submitting Design Basis Report, detailed calculations / verification and shop drawings of the same.</p> <p>Fabricated Steel Structure to support the Tensioned Membrane Structure. Supply, transportation, erection & commissioning of Fabricated Steel Structure to support the Tensioned Membrane Structure composed of fabricated steel structure of CHS / SHS of min YST 250 Mpa, anchor bolt, nut and washer Gr.8.8 as per Indian standards in accordance with the conceptual drawings, CNC cut plates as per the general specifications. The work shall include for a coat of epoxy primer and three coats of epoxy paint of Jotun / Berger/ Akzonobel or equivalent brands as per specifications in approved shade and make and as per the directions of Engineer-in-charge.</p> <p>Supply and installation of Tensioned Membrane Roof Structure. Providing, fabricating, assembling and installation of pre-stressed Tensile Membrane Fabric structure in desired profile as per conceptual drawing, with Type II membrane as per manufacturing and supplying standards by Serge Ferrari / Mehler / Sattler or Equivalent. The Membrane fabrication should confirm to standards of desired profile as per approved shop drawing, minimum welding seam width with 40 mm by experienced labour employing a High Frequency welding machine of min.10kV capacity, CNC plotter & cutter, epoxy painted shop floor with suitable tools, equipment and plants to process structures of similar scale.</p>	Sq.Mt.	828.71		
XIII	Miscellaneous works				
36	<p>Carring out Plinth treatment to pre or post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistent with I.S.I specification. Using Chlordane and Chlorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e. one litter 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litter chemical emulsion application at the rate of 5 Liter chemic</p>	Sq.mt.	1057.90		
37	<p>REGISTRATION COUNTER (2'0" wide, 3'-6" HT.) Providing and fixing teller counter as per attached design and as per instruction of architect/EIC. It shall consist of 18mm thk commercial ply for box. It will have working top at 2'6" height and customer top at 3'6" height. Both customer top (1'0" wide) and working top (2'0" wide) shall have 20mm thick mirror polished telephone black grainte (BR Rs.200/s.ft).with molede edges .All exposed / visible surfaces of the counter (working and customer tops, sides/ vertical supports and apron/front), shall be finished with 1mm thick suede finish laminate. The vertical gap of 12" in between the customer top and working top shall b eprovided with 12 mm thick clear float glass with machine polished edges. One teak wood (4"x2"size) melamine polished foot rest shall be provided. -</p> <p>1no. Computer key board tray (of approved make like EBCO or Earl bihari), 12mm thick Comm. ply for Shelf below the table shall be provided for the CPU, 2 / 3 nos. (equal sized) Drawer units shall be provided as shown in drgs. Drawer shall consist of 12mm thk. Comm. Ply, sides, back & 6mm base, facia of drawers shall be of 18mm thk. Comm. Ply finished in 1 mm laminate with steam beach wooden moulding on edges of drawer units.. Each drawer shall slide on a pair of approved make telescopic drawer sliders. A 19mm x 7mm steam beach wooden moulding with mellamine shall be provided to all exposed edges of plywood of the counter.</p> <p>All the exposed surfaces shall be finished with 1mm laminate all inner surfaces excluding drawers to be finished with 0.8mm thick liner liner laminate including inside of the drawers.Rate shall be inclusive of all necessary approved fittings like locks, handle etc.</p> <p>-</p>	Rmt	37.80		
XIV	Furniture				
38	<p>Providing and Placing 3 seated Sofa as per design or as approved by architect with necessary accessories like cushion, Cover etc. Complete</p>	Rmt	19.60		
39	<p>Providing and Placing Wooden corner table as per design or as approved by architect with necessary accessories and polishing . Complete. (Brand should be approved by architect/Client.)</p>	No	8.00		
40	<p>Providing and Placing Wooden Round table as per design or as approved by architect with necessary accessories and polishing . Complete. (Brand should be approved by architect/Client.)</p>	No	4.00		
41	<p>Providing Wooden or other approved material Chair as per design or as approved by architect with necessary accessories and polishing etc. Complete. (Brand should be approved by architect/Client.)</p>	No	41.00		
42	<p>Providing and Placing Wooden Stool as per design or as approved by architect with necessary accessories and polishing etc. Complete. (Brand should be approved by architect/Client.)</p>	No	27.00		

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43	Providing and fixing storage units of low height /full height as per drawing. They shall consist of 18mm thk. comm. ply top, sides, , bottom, shelves and shutters.The back shgall be 6mm thick commercial ply.Low height cabinets shall be up to 3'0" from FFL. Full height cabinet shall be upto 7'-0" ht. The depth of cabinets shal be upto to 1'6".The shutter with box type hinges of approved make & steam beach lipping finished with melamine on all the shutter edges. Division of the shutters shall be made equally according to the length of the storages (as approved by consultant). All the external surfaces shall be finished with 1.0mm thk. Laminate (suede finish) of approved make and design. In case of low height cabinets 20 mm thick mirror polished granite shall be provided on top. 18mm thk. Comm. Ply shelves removable type supported on side steam beach wood battens on both sides at 16" interval (approximately / divided equally) shall be provided. All inner surfaces including the shutters shall be finished with 0.8mm thick white/ivory coloured laminate . Rate shall be inclusive of all necessary approved fittings like hinges, locks, 100mm long SS brush finish handles, tower bolts, locks and any necessary hardware items. The top ply edge should be fitted with 19mm x 7mm size steam beach moulding finished with melamine.	Sq.Mt.	209.50		
TOTAL AMOUNT RS. (Part-1)					
Price Bid Part 2- Remaining Items of Civil maintenance works					
1	Disposing of the surplus excavated earth/debris etc. including loading, unloading, spreading as per required lead outside the campus at non-objectionable place managed by the contractor and approved by Engineer-in-charge in line with statutory requirements and approvals, as per statutory approvals, keeping the site clean, all complete as per instruction and directions of the Engineer-in-charge.	Cu.Mt.	30		
2	White wash/Color wash with lime on any surfaces (3 coats with brush) to give an even shade including scaffolding and thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter etc. complete as directed by Engineer in Charge. Legs of the ladders shall be covered properly with gunny bags so that floor does not get damaged. Floor shall be properly covered with plastic sheets to avoid stains of paint while applying etc. (a) Up to 3m	Sq.Mt.	1000		
	(b) Extra over 5.01 - for 3m to 6m	Sq.Mt.	800		
	(c) Extra over 5.01 - for 6m to 9m	Sq.Mt.	800		
	(d) Extra over 5.01 - for Above 9m	Sq.Mt.	500		
3	Applying melamine polishing (2 coats) on previously polished wood and wood based surface to be finished with approved shade including cleaning the surface to remove all dirt, dust and sand prepared smooth including a coat of wood filler.	Sq.Mt.	100		
4	Applying PU polishing (2 coats) on previously polished wood and wood based surface to be finished with approved shade including cleaning the surface to remove all dirt, dust and sand prepared smooth including a coat of wood filler.	Sq.Mt.	50		
5	Mirror polishing of existing Granite flooring - Providing and making mirror polishing doing 1st polish using 800 no Hemery, 2nd polish using 600 no Hemery, 3rd polish using 200 no Hemery and then final coat of wax polish and complete finishing of flooring up to the satisfaction of Engineer In charge/client.	Sq.Mt.	2500		
6	Mirror polishing of existing Marble flooring - Providing and making mirror polishing doing 1st polish using 800 no Hemery, 2nd polish using 600 no Hemery, 3rd polish using 200 no Hemery and then final coat of wax polish and complete finishing of flooring up to the satisfaction of Engineer In charge/client.	Sq.Mt.	2500		
7	Semi-Mirror polishing of existing Granite flooring - Providing and making mirror polishing doing 1st polish using 800 no Hemery, 2nd polish using 600 no Hemery, 3rd polish using 200 no Hemery and then final coat of wax polish and complete finishing of flooring up to the satisfaction of Engineer In charge/client.	Sq.Mt.	1000		
8	Semi-Mirror polishing of existing Marble flooring - Providing and making mirror polishing doing 1st polish using 800 no Hemery, 2nd polish using 600 no Hemery, 3rd polish using 200 no Hemery and then final coat of wax polish and complete finishing of flooring up to the satisfaction of Engineer In charge/client.	Sq.Mt.	1000		
9	Providing and laying average 50 mm thick IPS in 1:2:4 grade at all levels and in required slope and leaving the surface rough wired/smooth finish, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done of Plan area as per drawing, /laid at site.	Sq.Mt.	500		
10	Extra labor for carrying out vacuum dewatering & Power floater treatment in Grade Slab/ IPS, well compacted, mechanically vibrated, finished to required levels, floated with neat cement and power trowelled to get desired smooth finishing/broom finish, over a leveling course, including Shuttering, curing etc. complete. The suitable size of panel and Construction joints to be formed as per drawing/instructions given all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done as per drawing/laid at site, The rate shall be inclusive of labor, grooves making at every 5mt/as per design, machinery cost.	Sq.Mt.	500		

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11	Column cladding: Providing and cladding 18 mm thk Pre polished Granite stone cladding on 19mm thick marine ply backing over framing of 50x50 Aluminium vertical member, horizontal member of 50 x 25 mm box section @ 600mm c/c fixed on column with the help of head-less metal screws and wooden dowels. The rate has to include MDF board 8 mm thk over 19mm thk. marine ply & to be finished with Stucco texture paint. Corners details to follow the "V" groove joint, as shown in detail drawing, and as approved by architect & engineer-in-charge. Work to include pointing with the matching color grout, acid washing, necessary spacers to ensure uniform joints etc. complete all levels as per specifications and drawings, including all leads and lifts, and as per the instructions of Engineer in Charge. Rate shall include, cutting, matching at right angle, corner/edge moulding, polishing and covering of finishing material with the help of polythene/ jute wherever required and instructed by engineer in charge. (Elevation area to be measured for payment)	Sq.Mt.	25		
12	Column cladding: Providing and cladding single piece machine cut 20mm thk Pre polished Granite stone cladding on the columns as approved by the architects, cladded to the pattern with 1:4 cement mortar, over 6-10mm thick tile adhesive (M/s BAL/ M Y K Laticrete adhesive or approved equivalent). corners details to follow the "V" groove joint, as shown in detail drawing, and as approved by architect & engineer-in-charge. Work to include pointing with the matching color grout, acid washing, necessary spacers to ensure uniform joints etc. complete. The rate shall include for borders, etc., at all levels as per specifications and Existing, including all leads and lifts, and as per the instructions of Engineer in Charge. Rate shall include, cutting, matching at right angle, corner/edge moulding, polishing and covering of finishing material with the help of polythene/ jute wherever required and instructed by engineer in charge.	Sq.Mt.	25		
13	ACOUSTIC WALL PANELING: The 100 mm M/F wall lining includes four side tapered edge 12.5mm Gyptone® Quattro (confirming to IS:2095-1996:part 1) screw fixed with drywall screws of 25mm at 300mm centers to one side of 92mm Gypsteel Ultra® studs (0.50mm thick having one flange of 34mm and another flange of 36mm made of GI Steel) placed at 600mm center to center in 94mm Gypsteel Ultra floor and ceiling channel (0.50mm thick have equal flanges of 32mm made of GI steel) with joints staggered to avoid leakage through joints. Additional stud supports are provided at 5.1mtr and 9.3 mtr by cutting and bending studs into L shape and bracing one flange to the vertical stud and the other to the beam using anchor fastener. Acoustic Treated Gypsum Board with Texture Paint Finish 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 Jointing compound, Joint Paper tape and two coats of Drywall Top Coat (as per recommended practices of Saint- Gobain India Gypsum) 25mm glass wool of density 32 Kg/m3 shall be placed in the cavity. Paneling to be finished with 1 coat of primer, Full putty, texture paint & 3 or more coats of acrylic emulsion paint (plastic emulsion paint) as per architect approval. Also provide the necessary ply support for niches and glass shelves with the partition Complete as per existing and directions of architect.	Sq.Mt.	100		
14	Ply boxing over al. framing finished in Dark veneer: Providing and cladding of 19mm thick marine ply over framing of 50x50 Aluminium horizontal member, vertical member of 50 x 25 mm box section @ 600mm c/c complete as per drawing & directions of architect. The ply is finished with 4mm thick Dark veneer as per the Architect's approval. The rate shall be inclusive of all necessary hardware and accessories as required, including all lead and lift.	Sq.Mt.	100		
15	PLYWOOD CEILING WITH ACRYLIC EMULSION PAINT FINISH: Providing and fixing 19mm thick marine Plywood ceiling finished with acrylic emulsion paint finish over framing of 50x50 Aluminium vertical member & horizontal member of 50 x 25 mm @ 600mm c/c fixed on ceiling with the help of head-less metal screws and wooden dowels as per drawing. Rate shall include all leads and lifts as per instruction of Engineer-in-charge. Work shall be matched with existing work and no surrounding ceiling shall be damaged during the work.	Sq.Mt.	10		
16	Providing and laying paving of pre cast concrete Colored pavers as approved by client of Alcock or equivalent made of M40 grade concrete of 65mm thickness of approved pattern, make, size, of compressive strength 400 kg/sq cm. Paver blocks should be laid on a 40mm thk sand bed on existing PCC with a gap of 1.5mm between the blocks filled with sand including paving and curb gap to be filled with concrete of same grade of concrete pavers. Shape/Size shall match with existing paver blocks as approved by EIC.	Sq.Mt.	50		
17	Providing and laying pre cast concrete kerb (size 150mm X 400mm) of approved make, shape and size laid in straight/curve as per the design over PCC bed (1:4:8) 100 mm thick including 1:4 cement mortar for packing the gaps, pointing the joints with cement slurry, curing, etc., complete	Rmt	50		
18	Providing and laying 40mm thk 100mm wide riven finished Ruby Red granite band in flooring laid as per design drawings over minimum 25mm thk 1:4 cement mortar including all materials, labor, curing etc., complete.	Rmt	20		
19	Providing and laying upto 250m thk Granular Sub-base over Subgrade using approved quality of specific graded stone metal as per Grade-2, Table 400-2	Cu.Mt.	30		

Item No.	Item Description	Unit	Total Approx QTY.	Unit Rate (Rs)	Total Amount (Rs.)
20	Providing and laying upto 250mm thk Granular base as per approved drawings , wet mix macadam course using approved quality of coarse aggregates as per Grade-2, Table 400-11 and approve screening materials as per Grade-8, Table 400-8, including all materials, labours, plant and machinery including all lead and lift, loading, unloading, transporting, stacking, spreading to line, level grade and camber, compacting, watering etc., complete with vibratory roller compactor 8 to 10 ton to attain 98% of max. dry density	Cu.Mt.	60		
21	Providing & laying 70mm thk compacted Dense Bituminous Macadam course, using approved quality of aggregates as per table 500-23 and binder content of Grade 60/70	Cu.Mt.	60		
22	Providing & laying 40mm thk Bituminous Concrete wearing course above Dense Bituminous Macadam, using approved quality of aggregates as per table 500-23.	Cu.Mt.	30		
23	Providing and fixing SENSOR IN BUILT urinal, electrically operated , including white vitreous china urinal with flat back large integrated overflow of approved make with CP spreader, C.P. waste coupling, C.P. brass bottle trap, and stop valve of approved make, 50mm PVC waste line of required length all complete as directed by the Engineer-in-charge as per existing make equivalent to Parryware/or required.	Nos.	2		
24	Providing , laying and jointing in true line and level 110 mm dia U.P.V.C. SWR Type B pipe conforming to IS 13592-1992 with one end plain and other end socketed with rubbering and fitting conforming to IS 14735-1999 of approved make for drainage system pipe line, pipes shall be jointed with each other with rubber lubricant and fixed on wall using of PVC clamp of the size 110 mm dia x 149mm length x 145 mm high at every 2000 mm center to center or shall be cancelled in the wall as directed including necessary fittings such as bends, shoes, tees etc. include. testing of pipes and joints and jointed with adhesive solvent cement including cost comp.	Rmt	10		
25	Providing , laying and jointing in true line and level 160 mm dia U.P.V.C. SWR Type B pipe conforming to IS 13592-1992 with one end plain and other end socketed with rubbering and fitting conforming to IS 14735-1999 of approved make for drainage system pipe line, pipes shall be jointed with each other with rubber lubricant and fixed on wall using of PVC clamp of the size 160 mm dia x 210mm length x 196 mm high at every 2000 mm center to center or shall be cancelled in the wall as directed including necessary fittings such as bends, shoes, tees etc. include. testing of pipes and joints and jointed with adhesive solvent cement including cost comp.	Rmt	10		
26	Providing and fixing HDPE pipes of PE80 conforming to IS 4984:1995 with necessary HDPE fittings such as bends, elbows, tee, sockets, unions, plugs etc. including testing the pipelines as per specifications, etc. all complete (Ceiling Suspended/ Wall Face) Pressure rating PN 10 a) 200mm	Rmt	25		
	b) 250mm	Rmt	10		
	c) 315mm	Rmt	10		
27	SOLID CORE FLUSH DOORS: Providing and fixing Solid core flush door shutters (single / double leaf), core of block board construction with frame of 1st class hard wood and well matched commercial ply veneering with vertical grains or cross bands on both faces of shutters, bonded by phenol formaldehyde synthetic resin adhesive conforming to BWP grade as specified in IS:848:1974 including providing and fixing 35x25mm thk internal lipping on all sides with veneer to be terminated at the edge of lipping, SS butt hinges (4 hinges per leaf of shutter) with necessary stainless steel screws, all complete, as per existing work, as specified and as per the directions of the Engineer-in-Charge. Rate shall include Melamine polishing with " Touch wood of Asian paints" or " Wudfin of Pidilite Industries Limited", on natural wood & natural veneer works (two or more coats) including staining to the required color and shade as per the manufacturers specifications and the directions of the Engineer-in-Charge. The lipping color to be matched to the veneer based color. (i) 1000X2100mm				
	(i) 1200X2100mm	No's	2		
	(ii) 1200x2400mm	No's	2		
	(iii) 2000x2400mm	No's	1		
	(iv) 2400x2400mm	No's	1		
28	GLASS FOR SKYLIGHT: Providing and fixing day lighting panels in roof of 12mm thick glass laminated on inner side to the designers profile. The rate will also include necessary ACP flashing. Work shall be matched with existing work.	Sq.Mt.	20		
29	Dismantling tiled or stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sq.Mt.	500		

Item No.	Item Description	Unit	Total Approx QTY.	Unit Rate (Rs)	Total Amount (Rs.)
30	Dismantling of CI/ HDPE pipes including clamps other attachments and staking all with all lead and lift as per instruction of engineer in charge.	Rmt	25		
31	Carrying out plinth treatment to post construction / existing super structure by spraying chemical solution for termite control treatment including labor and material consistent and with ISI specification using Chlordane and Chlorpurfiles 20 EC. As per 6131_part II concentration weight 1% is recommended i.e. 1 ltr 20 EC chemical emulsion with 19 ltr give 1% concentration inclusive of 1 ltr chemical emulsion application at the rate of 5 ltr chemical / Sq.m. of surface is recommended as per IS	Sq.Mt.	100		
32	Providing and applying Chemical waterproofing treatment using Sika Plastocrete/ Zycosil or equivalent system in areas where toilets and other wet areas are being created. Rate to include dismantling existing screed/ flooring, surface preparation of mother slab, laying fresh screed to create slope, applying water proofing system as per manufacturer's specifications and preparing the surface to received floor finish. Rate to include pond testing and making good any damages if leaks are found. - As per Architects approved make and Method statement for the works shall be submitted/ obtain approval prior to commencement of works.	Sq.Mt.	100		
33	Providing and fixing Glass film of required design/pattern on existing glass panels. Joints of film shall be seamless. Consider basic cost of Film Rs. 300.	Sq.Mt.	30		
34	Groove sealant with Backer rod: Supplying and Applying 25 X 16mm Silicone sealant of approved make over groove of Precast RCC wall including baker rod etc. complete. Work includes removal of old sealant, grind the substrate with a wire brush to remove dust and friable particle, and removal of excess material.	Rmt	500		
35	Providing and fixing M25 grade RCC Cover slab of 175mm thick including reinforcement/ structural steel with structurally stable frame as per instruction of Engineer-in-charge. Top of cover shall be flush with surrounding flooring level. Payment shall be made as plan area in sq.mt. basis, payment will be done in prorata basis if any change in thickness.	Sq.Mt.	150		
TOTAL AMOUNT (RS.)-Part-2					
Gross Total Amount Rs. (Part 1 & 2)					