

MAHATMA MANDIR, GANDHINAGAR						
TENDER FOR CIVIL REPAIRS & MISC. WORKS						
PRICE BID - Draft						
SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
I	1.00	EXCAVATION WORKS/EARTH WORKS				
	1.01a	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 refilling such excavation of working space with approved filling material including consolidating to the required proctor density, 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.Mt.	70		
	1.01b	-Ditto- but from 1.5m to 3.0 m	Cu.Mt.	10		
	1.01c	-Ditto- but from 3 m to 4.50 m	Cu.Mt.	5		
	1.01d	-Ditto- more then 4.50 m.	Cu.Mt.	5		
	1.02	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, unloading, spreading in layers and compaction cost, tools, plants, consumables and labour costs, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment will be paid of compacted volume.	Cu.Mt.	30		
	1.03	Filling in foundation and plinth with Murrum or selected soil in layers not exceeding 20 cm. in depth consolidating each deposited layer by ramming and watering etc. complete. 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 labour costs, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. For all civil, plumbing, electrical and infrastructural works etc. Payment shall be done of compacted volume.	Cu.Mt.	50		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	1.04	Providing and Backfilling/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 labour costs, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done of compacted volume.	Cu.Mt.	50		
	1.05	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		
II	2.00	CEMENT CONCRETE WORKS				
	2.01	Providing and laying Cement Concrete of Grade M10 , including laying in layers of specified thickness as directed including formwork wherever necessary and well compacted etc. all complete, as directed. Rate to include all necessary formwork but excluding cost of reinforcement.	Cu.Mt.	20		
	2.02	Providing & Laying Design mixed Concrete of Grade M15 in all elements, 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.	Cu.Mt.	30		
	2.03	Providing & Laying Design mixed Concrete of Grade M20 in all elements, 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. (a) Up to 5m.	Cu.Mt.	75		
		(b) Extra over rate on Item- 2.03 - Above 5m.	Cu.Mt.	1		
	2.04	Providing & Laying Design mixed Concrete of Grade M25 in all elements, 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. (a) Up to 5m.	Cu.Mt.	200		
		(b) Extra over rate on Item-2.04 - Above 5m.	Cu.Mt.	1		

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	2.05	Providing & Laying Design mixed Concrete of Grade M30 in all elements, 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. (a) Up to 5m.	Cu.Mt.	50		
		(b) Extra over rate on Item- 2.05 - Above 5m.	Cu.Mt.	1		
	2.06a	Providing TMT bar FE 500 reinforcement for RCC work including bending, binding and placing in position complete up to two floor level (Up to 1 tonne)	Kgs.	600		
	2.06b	Extra for additional lift of Reinforcing steel for all RCC work above two floor level (Up to 10 tonne)	Kgs.	400		
	2.07a	Providing TMT bar FE 500 reinforcement for RCC work including bending, binding and placing in position complete up to two floor level (More than 1 tonne)	Kgs.	300		
	2.07b	Extra for additional lift of Reinforcing steel for all RCC work above two floor level (Up to 10 tonne)	Kgs.	100		
	2.08	Providing and applying anti carbonation, anti fading, mold resistant, heat insulating and 100% acrylic breathable decorative external water repellent coating of approved shade having Viscosity @ room temperature by ford cup no. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 sec. pH of 7 to 10 and Specific gravity @ room temperature 1.3 + 0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior concrete as per NBA.	Sq.Mt.	500		
III	3.00	MASONRY WORKS				
	3.01	Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for superstructure at all level in cement mortar 1:5 (1 cement : 5 fine sand) including curing, scaffolding etc. complete as per Technical specification by manufacture.	Cu.Mt.	200		
	3.02	Providing and constructing Brick Masonry in substructure in common brunt clay building bricks having crushing strength not less than 35 Kg/sq.cm in cement mortar 1:6 (1 cement : 6 fine sand) at including curing, scaffolding etc. complete. - For foundation and plinth	Cu.Mt.	50		
	3.03	Providing and constructing Brick Masonry in super structure in common brunt clay building bricks having crushing strength not less than 35 Kg/sq.cm in cement mortar 1:5 (1 cement : 5 fine sand) at all levels including curing, scaffolding etc. complete. - Above plinth level	Cu.Mt.	100		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	3.04	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 kg/sq.cm. in cement mortar 1:3 (1 cement:3 coarse sand) with 2 nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar for Super structure at all levels including curing, scaffolding etc. complete.	Sq.Mt.	100		
IV	4.00	PLASTERING WORKS				
	4.01	Providing and applying average 10 mm. thick single coat Mala plaster in CM 1:4 (1 cement : 4 coarse river sand), on ceilings, stair soffits, chhajas etc. at all floors, all levels, all heights and all shapes including dense hacking to concrete surface, scaffolding, curing, making grooves, forming pattas, drip moulds including applying neat cement slurry on RCC Surface, all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge.	Sq.Mt.	300		
	4.02	Providing and applying average 15 mm. thick cement finished plaster in single coat on brick, concrete walls for interior/Exterior plastering finished even and smooth in CM 1:4. (1 cement : 4 coarse river sand), on brickwork, block, concrete surfaces, at all floors, all levels, all heights, in jambs and sills in all shapes and for all sizes with necessary scaffolding, curing, making drip moulds, making grooves, forming pattas, dense hacking to RCC surface. All complete as per drawing, specifications, instruction & directions of the Engineer-in-charge.	Sq.Mt.	700		
	4.03	Extra on 4.01-4.02 for providing and mixing water proofing materials in cement mortar in proportion recommended by manufacturer.	Per bag 50 kg of cement	30		
	4.04	Providing and laying average 20mm thick double coat Mala plaster consisting of average 12mm thick wired finished backing coat of CM 1:4 (1 cement : 4 coarse sand) and average 8mm thick uniform second coat in CM 1:3 (1 cement : 3 sand) on brickwork, block, concrete surfaces, at all floors, all levels, all heights, in jambs and sills in all shapes and for all sizes with necessary scaffolding, curing, making drip moulds, making grooves, forming pattas, dense hacking to RCC surface, All complete as per drawing, specifications, instruction & directions of the Engineer-in-charge.	Sq.Mt.	400		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	4.05	Providing and applying average 20 mm. thick Double Coat Sand faced cement plaster on walls up to any height above ground level and consisting of average 12 mm. thick backing coat of CM 1:4 (1 cement: 4 coarse sand) and average 8mm. thick uniform grained textured finish coat using wooden Gutka, in CM 1:2 (1 cement: 2 sand), on brickwork, block, concrete surfaces, at all floors, all levels, all heights, in jambs and sills in all shapes and for all sizes with necessary scaffolding, curing, making drip moulds, making grooves, forming pattas, dense hacking to RCC surface. All complete as per drawing, specifications, instruction & directions of the Engineer-in-charge.	Sq.Mt.	400		
	4.06	Providing & fixing Chicken wire mesh at all levels as per the direction of Engineer-in-charge.	Sq.Mt.	50		
V	5.00	PAINTING WORKS				
	5.01	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		
	5.02	Providing & Applying two coat of white putty of Birla or equivalent at all levels to internal plaster surfaces/POP surfaces of concrete, masonry work including jambs, sills, grooves, pattas, rounding of corners after thoroughly brushing the surfaces free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth etc. after applying every coat of putty. Two coat of Primer of approved brand is to be applied before as per specifications, instruction & directions of the 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.	500		
		(b) Extra over 5.02 - for 3m to 6m	Sq.Mt.	500		
		(c) Extra over 5.02 - for 6m to 9m	Sq.Mt.	500		

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		(d) Extra over 5.02 - for Above 9m	Sq.Mt.	500		
	5.03	OIL BOUND DISTEMPER : Distemping (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on all surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand papered smooth with all materials, labour and all leads and lifts. 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.	1200		
		(b) Extra over 5.03 - for 3m to 6m	Sq.Mt.	800		
		(c) Extra over 5.03 - for 6m to 9m	Sq.Mt.	500		
		(d) Extra over 5.03 - for Above 9m	Sq.Mt.	200		
	5.04	Finishing wall with water proofing cement paint of on all surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials with all materials, labour and all leads and lifts. 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.	700		
		(b) Extra over 5.04 - for 3m to 6m	Sq.Mt.	700		
		(c) Extra over 5.04 - for 6m to 9m	Sq.Mt.	500		
		(d) Extra over 5.04 - for Above 9m	Sq.Mt.	500		

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	5.05	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 colour. 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. (a) Up to 3m	Sq.Mt.	1000		
		(b) Extra over 5.05 - for 3m to 6m	Sq.Mt.	1000		
		(c) Extra over 5.05 - for 6m to 9m	Sq.Mt.	700		
		(d) Extra over 5.05 - for Above 9m	Sq.Mt.	700		
	5.06	Providing and applying One coat of Interior grade Acrylic emulsion paint for interiors walls/ columns/ slabs / beams or as indicated, Acrylic emulsion paint of asian/berger/jotun make, of approved colour on existing painted/puttied surface and preparing the surface by cleaning, 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 spillage of paint while applying etc., complete with all leads & lifts at all levels complete and as directed by Engineer-in-charge. Rate has to include touch up works. (a) UP to 3 m	Sq.Mt.	1000		
		(b) Extra over 5.06 - for 3m to 6m	Sq.Mt.	1000		
		(c) Extra over 5.06 - for 6m to 9m	Sq.Mt.	400		
		(d) Extra over 5.06 - for Above 9m	Sq.Mt.	100		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	5.07	PLASTIC EMULSION PAINT: Wall painting (Two coats) with plastic emulsion paint of approved brand and manufacture on all surface to give an even shade including throughly brushing the surface free from dust, mortar and other foreign matter and sand papered smooth. 1 coat of water based primer shall also be considered. 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 spillage of paint while applying etc., complete with all leads & lifts at all levels complete and as directed by Engineer-in-charge. Rate has to include touch up works. (a) UP to 3 m	Sq.Mt.	500		
		(b) Extra over 5.07 - for 3m to 6m	Sq.Mt.	500		
		(c) Extra over 5.07 - for 6m to 9m	Sq.Mt.	300		
		(d) Extra over 5.07 - for Above 9m	Sq.Mt.	100		
	5.08	SURFACE TEXTURE PAINT ON INTERIOR/EXTERIOR SURFACE: Providing and applying texture paint of 2mm with top lacquer coat of glossy/matt finish on substrate of Bakelite Hylam Ltd. or equivalent company as approved by client at all levels, all surfaces, as per the specification, instruction and direction of EIC. Preparing the surface by cleaning/ sanding, filling up cracks/joints with filler, erecting and dismantling of scaffolding is part of scope of work. Approval of texture shall be taken from engineer-in-charge. 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 spillage of paint while applying etc., complete with all leads & lifts at all levels complete and as directed by Engineer-in-charge. Rate has to include touch up works. (a) Up to 3m	Sq.Mt.	700		
		(b) Extra over 5.08 - for 3m to 6m	Sq.Mt.	700		
		(c) Extra over 5.08 - for 6m to 9m	Sq.Mt.	700		
		(d) Extra over 5.08 - for Above 9m	Sq.Mt.	700		
	5.09	Applying priming coat over new steel and other metal surface after and including preparing the surface by throughly cleaning, oil, grease, dirt and other foreignmatter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sq.Mt.	100		

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	5.10	Painting two coats on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sq.Mt.	50		
	5.11a	Painting one coat on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sq.Mt.	50		
	5.11b	Extra over above item for every subsequent coat of paint	Sq.Mt.	10		
	5.12a	Painting one coat on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sq.Mt.	50		
	5.12b	Extra over above item for every subsequent coat of paint	Sq.Mt.	10		
VI	6.00	POLISHING WORK				
	6.01	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.	500		
	6.02	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.	1200		
	6.03	Applying Duco paint 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.	500		
	6.04	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		
	6.05	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.	3000		

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	6.06	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.	1200		
	6.07	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.	1500		
VII	7.00	FLOORING WORKS				
	7.01	Providing and laying/Refixing with best quality approved Flame Finished Granite flooring not less than 25 mm thk. of size not less than 600x600mm or as required according to site condition, 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 laid over min. 30 mm thick base of Cement Mortar 1:4 (1-cement:4-coarse sand) joints finished with pigments to match the natural stone colour, cutting, edge chamfering and polishing rough, medium, nice and tin-oxide polish as directed. Skirting shall also be considered under this item. Bidder to also make sure that no surrounded stone shall be damaged during refixation, necessary flooring protection sheet shall be laid to avoid it. Level with adjacent flooring shall be matched.	Sq.Mt.	200		
	7.02	GRANITE FLOORING: Providing and laying/Refixing with best quality approved Granite slabs not less than 20 mm thk, of size not less than 900mmX900mm or as per site requirements, 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 laid over min.30 mm thick base of Cement Mortar 1:4 (1-cement:4-coarse sand) joints finished with pigments to match the natural stone colour, cutting, edge chamfering and rubbing & polishing complete as directed. Skirting shall also be considered under this item. 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. Payments shall be made according to the approved material rates.	Sq.Mt.	200		

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	7.03	POLISHED KOTA STONE FLOORING : Providing and laying/Refixing 585mm x 585mm x 25mm thk. or as per required size, Polished Kota stone slab flooring of approved quality, colour and required size as specified, selected and sorted for uniformity in colour free from cracks, fissures & flakes with straight edges & perfect corners laid at right angles as per pattern over a bedding of cement mortar 25mm thk. average in C.M.1:4 (1 cement : 4 coarse sand) pointed neatly with white cement mixed with coloring pigment to match colour of tile as per existing pattern and specification including rubbing, polishing , curing etc complete. 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.	Sq.Mt.	200		
	7.04	KOTA STONE FLOORING : Providing and laying/Refixing 585mm x 585mm x 25mm thk. or as per required size, Kota stone slab flooring of approved quality, colour and required size as specified, selected and sorted for uniformity in colour free from cracks, fissures & flakes with straight edges & perfect corners laid at right angles as per pattern over a bedding of cement mortar 25mm thk. average in C.M.1:4 (1 cement : 4 coarse sand) pointed neatly with white cement mixed with coloring pigment to match colour of tile and rubbing, curing and river finishing work including all material and labour. As per existing pattern and specification. 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.	Sq.Mt.	200		
	7.05a	VITRIFIED TILE FLOORING: Providing and laying/refixing 1st quality 600mm X 600mm vitrified 8mm thick tile flooring over 20mm base of cement mortar 1:6 (1 cement:6 sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing and cleaning the surface etc. complete for Light/Dark/Antiskid . Skirting shall also be considered in sq.m. Epoxy based grout of similar shade shall be filled in joints upto 10mm width. 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.	Sq.Mt.	200		

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	7.05b	VITRIFIED TILE FLOORING: Providing and laying/refixing 1st quality 800mm X 800mm or 1000mm X 1000mm vitrified 8mm thick tile flooring over 35mm base of cement mortar 1:6 (1 cement:6 sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing and cleaning the surface etc. complete for Light/Dark/Antiskid. Skirting shall also be considered in sq.m. Epoxy based grout of similar shade shall be filled in joints upto 10mm width. 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.	Sq.Mt.	400		
	7.06	ANTISKID CERAMIC TILE FLOORING: Providing and laying / refixing Ceramic floor tiles of matt finished (thickness to be specified by the manufacturer) of 1st quality conforming to IS :13755 of approved make and required size, of required colour, shade and pattern as approved, laid in patterns, in flooring over (average) 40 mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including pointing with polymer modified cementitious pigment of matching shade of Laticrete or equivalent etc. all complete as per requirement to match wall tile joints as specified and as directed by the Engineer-in-Charge. 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.	Sq.Mt.	100		
	7.07	WOODEN FLOORING: Providing and laying 10mm thick WOODEN FLOORING, DADO & SKIRTING of PERGO ORIGINAL, Armstrong, or equivalent consisting of panels of size 1194mm x 194mm or as required by client having class of use - 23/33, wear resistance level of AC5 as per EN 13329 with a high pressure surface treated with aluminium oxide and a specially patented SURFACE GUARD + on top of a high density fiber board with a density of 910 Kg/ cum. The panels having a click system tongue and groove joint to secure a long lasting joint with the edges duly impregnated with paraffin. The Floating laminate flooring shall be laid over a 0.20mm thick polythene film to form a vapor barrier and 2mm to 3mm thick approved FOAM The panels used shall be of high solidity, high impact strength, high temperature resistance without change in shape. Each panel shall have click system (tongue and groove profile) and to be laid in approved pattern with suitable glue as per manufacturers specifications including around suitable egde profile around/wherever required for firm end locking.	Sq.Mt.	100		

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	7.08	Providing and installing 7-8mm thick Carpet tiles or role tiles as per architect selection with tufted textured loop pile , Nylon 6.6, CRI Indoor quality resting program Certification, non woven primary backing , PVC free enhanced cushion backing , Wet dye injection , pattern application system to match approved design. The product to be of heavy duty commercial use. Rate to be inclusive all transportation, leads & lifts, wastages and protection of carpet with protection tape (3M/ Avery) from installation date till handover. The carpet should be layed on existing screed with the same brand recommended adhesive. vendor should provide one service after occupation of space/ completion of fit-outs whichever is later. this can be hot water extraction or regenerative carpet cleaning.	Sq.Mt.	200		
	7.09	Providing and laying average 50 mm thick IPS in Cement Concrete 1:2:4 (1-cement:2-coarse sand:4-stone aggregate 20 mm nominal size) at all levels and in required slope and leaving the surface rough wired/smooth finish including finishing with floating coat of neat cement etc. complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be made in plan area in sq.mt. basis, payment will be done in prorata basis if any change in thickness.	Sq.Mt.	500		
	7.10	Extra labour 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 labour, grooves making at every 5mt/as per design requirements inclu. machinery cost.	Sq.Mt.	500		
VIII	8.00	TREAD, RISER AND LANDING WORKS				

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	8.01	POLISHED KOTA STONE TREAD/RISER: Supplying and laying / Repairing 20mm thick 335 mm wide machine cut and machine polished with tinoxide 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 rubbing,polishing, 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.	Sq.Mt.	100		
	8.02	Providing and laying Glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement:3 coarse sand) finishing with flush pointing in white cement. 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.	Sq.Mt.	50		
	8.03	Providing and laying 18mm thick Granite stone for Riser and Tread of approved and selected quality and as per sample approved by client, in desired/matching pattern for all floors, at all levels, all heights, as per drawing and specification, rate is including 1:4 (1 cement : 4 sand) cement mortar bedding of average 40mm thickness, joint filling with white cement and matching pigment or equivalent, moulding, grooves, rebates, ghisis etc. as per design, including rubbing, polishing etc. complete and protecting the flooring uptill handing over etc. as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done as per drawing/laid at site. 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. Payments shall be made according to the approved material rates. 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.	Sq.Mt.	50		
X	9.00	DADDOING / CLADDING / PARTITION WORKS				

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	9.01	CERAMIC TILE DADO: Providing and fixing dadoing with best quality approved make glazed ceramic tile (As per existing design) of size 300 x 600 X 6 to 10mm thick including border tiles set in approved tile adhesive component and jointing with approved tile joint filler grout compound, all as per manufacturers specification, at all levels and as directed. Rate shall include for preparation of plastered surface min 10mm in CM (1:3) , smooth joint, cleaning and acid wash etc., providing PVC edge beading complete and as per the instructions of engineer incharge.	Sq.Mt.	100		
	9.02	VENEER WALL PANNELLING WITH SKIRTING: Providing and fixing veneer paneling on wall Including providing 35x50mm G.I.channel framework at 600mm c/c in vertical direction and 900mm (600 mm) c/c in horizontal direction screwed to the wall and covered with 12mm Ply finished with veneer. The veneer to be finished with melamine polish of approved shade.Top edge of paneling to be covered with 25x35 mm white beech/ approved wooden beeding finished in melamine matt polish matching to the veneer. The rate shall also include providing and fixing solid wooden beeding 100 x 50mm above paneling.	Sq.Mt.	200		
	9.03	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 colour 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 incharge. (Elevation area to be measured for payment)	Sq.Mt.	50		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	9.04	P & F MDF paneling (As per existing design) with acrylic emulsion paint over ply boxing with aluminium framing : Providing and fixing of 19mm thick marine ply & 6mm thk. MDF exterior grade finished with acrylic emulsion pain over framing of 50x50 Aluminium vertical member & horizontal member of 50 x 25 mm @ 600mm c/c fixed on wall with the help of head-less metal screws and wooden dowels as per Existing. Rate shall include all leads and lifts as per instruction of Engineer-in-charge.(Elevational area to be measured for payment)	Sq.Mt.	2100		
	9.05	P & F Plywood and MDF Board (As per existing design) with acrylic emulsion paint on existing aluminium framing : provide and fixing only 19mm marine ply and 6mm thk. MDF board (as per existing design/design required by client) shall be used. Rate shall include all leads and lifts as per instruction of Engineer-in-charge.(Elevational area to be measured for payment)	Sq.Mt.	500		
	9.06	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 colour 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 incharge.	Sq.Mt.	25		
	9.07	Column cladding : Providing and fixing Vitrified tile cladding (Italiano marfilbeige matt finish), with necessary adhesives or 1:4 Cement Mortar, as & wherever required, of approved make to the line level and plumb. The rate shall include the cost of powder grouting of BAL Endura joints to match the colour of tiles, chasing of wall to flush the skirting in line with the wall, fixing with approved adhesives, curing, oxalic acid washing, making groove at the junction of plastering and tiles etc., complete. with all leads & lifts at all levels and heights as per Existing, and as per the instructions of Engineer in Charge. Wastages shall not be paid extra. Rate to include tile cutting charges to match right angle. Rate has to also include the protection of tiles with polythene/jute.	Sq.Mt.	25		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	9.08	<p>ACOUSTIC WALL PANELING:</p> <p>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 centres 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 centre to centre 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.</p> <p>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.</p> <p>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.</p>	Sq.Mt.	100		
	9.09	<p>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.</p>	Sq.Mt.	100		
	9.11	<p>Providing and laying 18 mm thick granite stone in sills and jambs of required sizes, in desired pattern for all floors, all levels, all heights, cutting, item is including of 1:4 (1 cement : 4 sand) cement mortar bedding for sill jointed with slurry of cement, vertical and top stone to be fixed with adhesive of Bal endura gold or equivalent, inclusive of anchor fastners as required, joint filling with white cement and matching pigment or ready made cementitious grout of BAL or equivalent, with edges moulding etc. and protecting the flooring until handing over etc. all complete as per drawing, specifications, instruction & directions of the Engineer-in-charge. Payment shall be done as per drawing/laid at site.</p>	Sq.Mt.	200		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	9.12	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 4000mm high inclusive of metal and structure up to 5500mm high.	Rmt	300		
XI	10.00	FALSE FLOORING WORKS:				
	10.01	FALSE FLOORING WITH SUPPORTS: Providing and fixing / Repairing false flooring system with 600x600mm panels of 35mm thick fire and termite resistant, exterior grade "DURATUFF" or approved equivalent with sides lipped with 4mm thick PVC to facilitate easy replacement of boards and top of board finished with 2mm thick anti-static vinyl sheet laid using rubber adhesive fevicol SR 998 or equivalent including thoroughly cleaning and ensuring the floor is free from moisture and undulation to support the pedestal jack of 16mm diameter bright bar of M.S steel with coupling and check nut welded at the required height to a base plate 100x100x10mm and pedestal head made of "W" shaped steel profile 10mm thick supported on 40x40x4mm formed M.S channel running both ways completely removable and capable of remaining in position without screwing or bolting. Rate shall include zinc coating (galvanised) pedestal and framework and painting bottom side and corner of formwork with 3 coats of FIRE RETER FR 881 @ 3.5sqm/ltr on clean and unvarnished/unpainted surface with a recoating interval of 2 to 3 hours as per manufacturer's specification. Repairing work shall be done as per existing support and specification. Contractor to also make sure that no surrounded flooring tile shall be damaged during refixation, and level with adjacent flooring shall be matched.	Sq.Mt.	10		
	10.02	FALSE FLOORING: Providing and fixing 600x600mm panels of 35mm thick fire and termite resistant, exterior grade "DURATUFF" or approved equivalent with sides lipped with 4mm thick PVC to facilitate easy replacement of boards and top of board finished with 2mm thick anti-static vinyl sheet laid using rubber adhesive fevicol SR 998 or equivalent including thoroughly cleaning and ensuring the floor is free from moisture. Refixing work shall be done as per existing support and specification. Contractor to also make sure that no surrounded flooring tile shall be damaged during refixation, and level with adjacent flooring shall be matched.	Sq.Mt.	10		
XII	11.00	FALSE CEILING WORKS				

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	11.01	SEAMLESS GYPSUM BOARD WITH G.I. FRAMEWORK: Providing and fixing / Repairing / seamless ceiling with gypboard of approved make, India Gypsum or equivalent of 12.5mm thick fixed to the underside of G.I suspended grid formed of GI perimeter channel 0.6mm thick of size 25mm x 25mm fixed along the wall with rawl plugs / fasteners at 450mm c/c, GI intermediate channel of size 45mm x15mm flange x0.90mm fixed to a G.I soffit cleat of size 37x25x1.6mm with a suspended GI ceiling angle at 1200mm c/c with suspended strap and GI ceiling section of size 80x26x0.5mm provided across the intermediate channel at intervals not more than 450mm centres at the bottom and the same fixed by GI connection clips 2.64mm dia at the intersection points. The rate shall include joints finished with POP putty making cut outs for tube lights, spot lights, duct doors, for specified size, grills, providing additional trimming around cut outs for light fittings, grills, etc., and providing additional supports from ceiling where main/cross members are cut for light fittings etc. Repairing work shall be done as per existing support and specification. Contractor to also make sure that no surrounded ceiling work shall be damaged during repairing, and level with adjacent flooring shall be matched.	Sq.Mt.	2000		
	11.02a	Providing and fixing / repairing 15mm Mineral Fiber ceiling tiles of Gyproc/ Armstrong or equivalent using hot dipped galvanized steel section, exposed surface chemically cleaned capping prefinished in backed polyester paint wall angle of size 3000x19x19mm used in periphery of the ceiling fixed to the wall/partition/RCC column/band walls with the help of screws at 600mm c/c. Main runner of size 3000x15x32mm suspended at 1200mm c/c by using 2.5mm dia G.I. wire hanger securely fixed to the structural soffit of RC slab by using 6mm anchor fastener at every 1200mm(max) and 1200mm long cross tee of size 15x32mm to be interlocked between in main runner at 600mm c/c(max) to form grid of 1200x600mm. 600mm long cross tee size 15x32mm fixed in between 1200mm long cross tee for forming a grid of 600x600mm and finally laying Classic Lite Bev. Tegular tiles of size 600x600x15mm(RH 99,NRC 0.50)	Sq.Mt.	500		
	11.02b	Providing and fixing 15mm Mineral Fiber ceiling tiles of Gyproc/ Armstrong or equivalent on existing GI supports replacing damaged tile including 600mm long cross tee size 15x32mm fixed in between 1200mm long cross tee for forming a grid of 600x600mm and laying Classic Lite Bev. Tegular tiles of size 600x600x15mm(RH 99,NRC 0.50). No existing ceiling/support shall be damaged during work. Level and Alignment with existing ceiling shall be matched.	Sq.Mt.	500		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	11.03a	Providing and fixing single layer Gypusm board 12.5 mm thick of the make Gyproc, Anutone or equivalent & using board of size 600mm x 600mm or as required, suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 600mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 150 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed. The joints between the boards are finished with jointing compound & fibre tape to get a smooth flush finish.	Sq.Mt.	200		
	11.03b	Providing and fixing single layer Gypusm board 12.5 mm thick of the make Gyproc, Anutone or equivalent on existing GI supports replacing damaged tile including cross tee for forming a grid of 600x600mm and gypboard of size 600x600x12.5mm . No existing ceiling/support shall be damaged during work. Level and Alignment with existing ceiling shall be matched.	Sq.Mt.	200		
	11.04	PLYWOOD CEILING WITH ACRYLIC EMULSION PAINT FINISH: Provoding 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		
	11.05	LINEAR-PROFILE METAL CEILING: Providing and fixing of 'Metal works- Linear Exterior grade 300mm wide metal ceiling system of Armstrong/ Luxalon or equivalent make with powder coating of color to match RAL 9016. Rate shall be inclusive of all necessary framework and support required by manufacturer to put the ceiling in place with mechanical fixtures, appropriate accessory products, including complete installation hardwares, and termination edges, etc with all leads & lifts at all the levels, as per the instructions of the engineer-in-charge and as per manufacturers specifications. Work shall be matched with existing work and specification.	Sq.Mt.	20		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	11.06	<p>OPEN GRID CELL CEILING: Providing and fixing Luxalon make or equivalent manufactured of approved colour consisting of Main Runner, Cross Runner, Upper Sections, Lower Sections all of U-Shaped Profiles 25mm wide x 100mm deep x 0.7mm thick with inwardly returned edges of 2.5mm. Coil Coated on a Continuous Paint Line, Double baked and Roll formed from enameled Corrosion Resistance Aluminium Alloy for higher strength and good Roll Forming characteristics. The Main Runner shall be fixed at a distance of 600mm c/c and shall be suspended by means of G.I. Suspension Rod 4mm diameter and a Galvanized Suspension Spring Clip at a distance of 2.4mtr c/c. The Cross-Runner shall be fixed to the Main Runner at a distance 600mm c/c., with a self-locking device to form of a Cell Structure of module 600mm x 600mm with a self-locking device.</p> <p>The rate will also include, Aluminium Main Runners, Cross Runners Upper Section, Lower Section of U-Shaped Profiles shall be chromatised (powder coating) for maximum bond between metal and paint; enamelled twice under high temperature one side with full primer and Finish Coat, the other side (inner side) with a Primer Coating and Skin Coat on a Continuous Paint Line.</p>	Sq.Mt.	200		
XIII	12.00	HARDSCAPE WORKS				
	12.01	Providing and laying paving of pre cast concrete Coloured 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		
	12.02	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		
	12.03	Providing and laying pre cast concrete flush kerb (size 150mm X 250mm) of approved make, shape and size laid straight/curve as per the design over PCC bed 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		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	12.04	Providing and laying paving of pre cast concrete coloured pavers as per approved finish and color of size 400mm X 400mm made of M40 grade concrete of 60mm thickness of approved pattern, color and make, size, of compressive strength 400kg /sq cm. Paver blocks should be laid on a 25mm thk 1:4 cement mortar over dry lean concrete bed of thickness 100mm including paving & band gap to be filled with concrete of same grade of concrete pavers.	Sq.Mt.	50		
	12.05	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		
	12.06	Removing and refixing existing Paver blocks/precast block flooring including required sand bedding , leveling good as instructed by EIC (Only labour charge)	Sq.Mt.	500		
	12.07	Supply and filling Boulder stone soling below road with approved hard stomes of 60mm to 40mm & down guage, interstices thoroughly filled with smaller chips, rammed, rolled with roller 10 tonne vibratory rolled compactor, binded with aggregates & consolidated to required levels complete.	Cu.Mt.	60		
	12.08	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		
	12.09	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 machinary includinng all lead and lift, loading, unloading, transporting, stacking, spreading to line, level gade and camber, compacting, watering etc., complete with vibratory roller compactor 8 to 10 tonne to attain 98% of max. dry density	Cu.Mt.	60		
	12.10	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		
	12.11	Providing & laying 40mm thk Bituminuous Concrete wearing course above Dense Bituminuous Macadam, using approved quality of aggregates as per table 500-23.	Cu.Mt.	30		
	12.12a	Painting lines, dashes, arrows, letters etc on road and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (a) Over 10cm in width.	Sq.mt.	200		
	12.12b	(b) Up to 10cm in width	Rmt	100		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
XIV	13.00	PHE SECTION WORKS				
	13.01	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,50mmPVC 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		
	13.02	Providing and fixing in position 20mm thick Black Granite urinal partition of size , (600*1200) ncluding cutting masonry/ concrete surface to required size, fixing with stainless steel clamps, nuts and bolts, polishing all exposed surfaces etc. all complete and as directed by the Engineer- in-charge.	Nos.	2		
	13.03	Providing and Fixing in white colour vitreous china Flat Back Wash Basin as per existing shape of size 550mm X 400mm with single hole for pillar tap with required supports including providing 32 mm dia. PVC waste pipe upto nearest NT, 32 mm dia. MI fisher union, PVC connector pipe ,cutting holes & making good the same. including finishing etc. completed as directed by EIC as per existing make equivalent to Parryware/or equivalent with approved colour.	Nos.	1		
	13.04	Providing and fixing European WC pan as per standerds including necessary bed concrete in BBCC 1:4:8 including providing and fixing vitreous china 100 mm size 'P' or 'S' trap including jointing the trap with pan and soilpipe in cement mortar 1:1 (1 cement : 1 find sand) including and fixing in cement mortar 1:3 (1 cement : 3 coarse sand) with seat cover of approved quality including providing and fixing GI inlet connection for flush pipe with WC pan etc complete. as per existing make equivalent to Parryware/or equivalent with approved colour.	Nos.	1		
	13.05	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having national sanitation Foundation (NSF) seal for potable water of following dia. Nominal bore tube fitting and clamps including making good the wall, ceiling and floor etc. complete	Rmt	25		
		(A) 15mm				
		(B) 20mm	Rmt	25		
		(C) 25mm	Rmt	25		
		(D) 32mm	Rmt	25		
		(E) 40mm	Rmt	25		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
		(F) 50mm	Rmt	25		
	13.06	Providing laying and jointing in true line and level 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. (A) 15 mm	Rmt	25		
		(B) 25mm	Rmt	25		
		(C) 32mm	Rmt	25		
		(D) 40mm	Rmt	25		
		(E) 50mm	Rmt	25		
	13.07	Providing , laying and jointing in true line and level 110 mm dia U.P.V.C. SWR Type B pipe confirmng to IS 13592-1992 with one end plain and other end socketed with rubbering and fitting confrming to IS 14735-1999of approved makefor 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 diax 149mm lengthx 145 mm high at every 2000 mm center to center or shall be cancelled in the wall as disrected incuding necessary fittings such as bends,shoes, tees etc. inclu. testing of pipes and joints and jointed with adhesive solvent cement including cost comp.	Rmt	10		
	13.08	Providing , laying and jointing in true line and level 160 mm dia U.P.V.C. SWR Type B pipe confirmng to IS 13592-1992 with one end plain and other end socketed with rubbering and fitting confrming to IS 14735-1999of approved makefor 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 diax 210mm lengthx 196 mm high at every 2000 mm center to center or shall be cancelled in the wall as disrected incuding necessary fittings such as bends,shoes, tees etc. inclu. testing of pipes and joints and jointed with adhesive solvent cement including cost comp.	Rmt	10		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	13.09a	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		
	13.09b	b) 250mm	Rmt	10		
	13.09c	c) 315mm	Rmt	10		
	13.10	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	Each	10		
	13.11	constructing Brick Masonry Chamber for underground C.I. inspection chamber and bends with bricks having crushing strength not less than 35 kg/cm.sq. 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 15 kg.) r.c.c. top slab with 1:2:4 mix with size 20mm., 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 455mm x 610mm and 450mm deep for single pipe line	Each	10		
	13.12	Providing and fixing PVC SWR Nahni TrapIS 14735 for drain-100 mm dia with jali of the following nomonal diaof self cleaning design with C.I. Scream down or hinged grating including the cost of cutting and making good the floor, walls.	Nos.	10		
XV	14.00	DOOR-WINDOW				

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	14.01	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 phenolformaldehyde 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 colour and shade as per the manufacturers specifications and the directions of the Engineer-in-Charge.The lipping colour to be matched to the veneer based colour. (i) 1000X2100mm	Nos	2		
		(ii) 1200X2100mm	Nos	2		
		(iii) 1200x2100mm	Nos	1		
		(iv) 1200x2400mm	Nos	2		
		(v) 1500x2100mm	Nos	1		
		(vi) 2000x2400mm	Nos	1		
		(vii) 2400x2400mm	Nos	1		
	14.02	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		
	14.03	Major Repairs to Doors/windows	Nos	20		
	14.04	Minor Repairs to Doors/ Windows	Nos	20		
XVI	15.00	FABRICATION				

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	15.01	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, chainlink etc. all confirming to latest relevant IS codes for the work of steel structures like staircases, canopy, section for fencing, railings, jali, gates, grills, bracings, platforms, monkey ladder, cattle trap, insert plates, trench covers, 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.	500		
	15.02	Providing and fixing Rolling shutters of approved make made of 80mm wide MS laths inter-locked together through their entire length and jointed together at the ends by the 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.	Sq.Mt.	40		
	15.03	Providing and fixing in position Collapsible steel shutters with vertical channels 20mmx10mm x 2mm braced with flat iron diagonals 20mmx5mm size with top & bottom rails of T iron 40mmx40mmx6mm with 38 mm diameter steel pulleys complete with bolts, nuts, locking arrangements, stopper handles including applying a priming coat of red lead paint.	Sq.Mt.	50		
XVII	16.00	Demolision and Dismantaling				
	16.01	Demolition of Brick work and stone masnoary including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Cu.Mt.	100		
	16.02	Dismantalling 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		
	16.03	Demolition including stacking of serviceable materials and disposal of unserviceable materiasl with all lead and lift. RCC work	Cu.Mt.	25		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	16.04	Removing and scraping of old deteriorated plaster of any thickness from wall/RCC member including staking of serviceable material and disposal of unserviceable materials from site work with all as per instruction of engineer incharge.	Sq.Mt.	100		
	16.05	Dismantling Doors/windows, ventilators etc. shutters including chowkhats architraves, holdfasts and other attachments and staking all with all laead and lift as per instruction of engineer incharge.	Nos.	10		
	16.06	Dismantling of CI/ HDPE pipes including clamps other attachments and staking all with all lead and lift as per instruction of engineer incharge.	Rmt	25		
	16.07	Dismantling sanitary fittings like wash basin, Indian WC pan, European WC pan, flushing tank etc. including stacking the materials with all lead and lift	Nos.	10		
	16.08	Dismantling and repair of components of W.C./E.W.C pan, Urinal, wash basin and kitchen sink etc. fixing and refixing of the following sanitary plumbing works including making good the wall/floor and regular maintenance of all points all complete as per the direction of Engineer incharge.	Nos.	10		
XVIII	17.00	MISCELLANEOUS ITEMS				
	17.01	SS Chain: Providing and fixing 8mm thk. 304 Grade SS Chain welded to the MS Insert plate 12mm thk. fixed on the sides of the Bollard after ensuring that the Chain is kept in line & Level with all materials and labour complete.The welding work shall conform to IS:816. as per existing works.	Rmt.	500		
	17.02	Providing and fixing 4-5mm thk. 304 grade SS plate screwed with clamps fixed on both side for boundary wall. Necessary screws, clamps shall be part of scope of work. Work shall be executed as per existing specification.	Sq.Mt.	30		
	17.03	Carrying out Plinth treatement to post construction / existing super structure by spraying chemical solution for termite control treatment including labour and material consistment and with ISI specification using Chlordene 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		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	17.04	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 waterproofing 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		
	17.05	Providing and fixing of 6mm thick Mirror of Saint gobain (or equivalent make) for Toilets, fixed on 12mm thick marine ply of approved quality with necessary bevelling to shape and pattern as instructed. The mirror shall be fixed with adhesive and 3M make double sided adhesive tape as instructed. Edges has to be binded with pvc edge binding. Ply cladded mirror to be fixed on the wall with the help of screws/clamps and concealed hooks.	Sq.Mt.	20		
	17.06	Providing and fixing 12mm thick toughened Glass of various sizes as per site condition for the various width with clear Silicon sealant joint wherever applicable in vertical joint. The glass should have 35x20mm or as required beech wood beading with Melamine polish all round the glass as per the details. Work shall be matched with existing pattern.	Sq.Mt.	50		
	17.07	Providing and fixing 12mm thick toughened Glass of various sizes as per site condition for the various width with clear Silicon sealant joint wherever applicable in vertical joint. Glass shall be fixed by required clamps with floor and ceiling as per existing work. Contractor to make sure that alignment of glass panel is matching with existing work, no surrounding glass panel shall be damaged during work.	Sq.Mt.	50		
	17.08	Providing and fixing 10mm (5 + 5) thick laminated Glass to be laminated with PVB interlayer or equivalent of various sizes as per site condition for the various width with clear Silicon sealant joint wherever applicable in vertical joint. Glass shall be fixed by required clamps with floor and ceiling as per existing work. Contractor to make sure that alignment of glass panel is matching with existing work, no surrounding glass panel shall be damaged during work.	Sq.Mt.	20		
	17.09	Providing and fixing Glass film of required design/pattern on existitng glass panels. Joints of film shall be seamless. Consider basic cost of Film Rs. 300.	Sq.Mt.	30		

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.
	17.10	Providing and fixing Wall paper of approved make/color/pattern with necessary base preparation and finishing specifications strictly followed as per manufacturers specifications. Consider basic cost of wallpaper Rs. 500 per Sq.mt.	Sq.Mt.	50		
	17.11	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, required scaffoldings 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		
	17.12	Providing and fixing M25 grade RCC Precast 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		
XIX	18.00	Supply of Skilled and unskilled Manpower as per requirements (Including profit/charges)				
	18.01	Provision of Skilled Mason with required tools ,tackles.	Per Day	10		
	18.02	Provision of Skilled Plumber with required tools ,tackles.	Per Day	10		
	18.03	Provision of unskilled labours/helpers for Plumber, Carpenter etc.	Per Day	10		
	18.04	Provision of unskilled labours for misch works.	Per Day	10		
	18.05	Labour charges for fitting , fixing of all type of doors, windows, glasses, pelmets repairing of all type of furnishes, making partition wall by ply board/ply wood, including removal of damaged old work & fittings ,polishing, fixing of fittings all supplied by deptt. all complete as per the direction of Engineer-in-charge. Carpenter(Skilled)-1No. Heper (UnSkilled)-- 1No	Per Day	10		
		Gross Total amount Rs.				

Notes-Remarks :-

1	Related payment shall be made on the basis of actual work executed on site and certified by Employer/Engineer-in-Charge. Qty. mentioned above is indicative and it may increase or decrease according to the day to day requirements of the client/ project. All measurements to be taken jointly with Employer/Engineer-in-Charge.
2	Selected bidder is bound to execute the works as per time line given by client/iNDEXTb.
3	Price bid shall be filled up on line on n-procure by selected/empaneled agencies. Works will be allotted to the lowest bidder as approved by iNDEXTb as per Bid conditions. Decision of the iNDEXTb shall be final in any matters.

SR. NO.	ITEM NO		UNIT	APPX. QTY.	UNIT RATE RS.	TOTAL COST RS.	
4		Rates quoted above shall be valid till 1 year after allotment of the works. The same period may be extended for another 1 year subject to review of satisfactory services for the 1st year considering same Terms & conditions. Client's/iNDEXTb's decision shall be final in this regards.					
5		All duties, custom duties, taxes (including all Central excise tax, Central Govt. & all state Govt. taxes if any.) and other levies payable by the Contractor and shall be included in the Rates and Prices and the total bid price submitted by the bidder. No taxes shall be paid separately.					
6		All work shall be carried out as per Public works Department Handbook and other specifications of Division or as directed as indicated in volume II of Technical Bid. It also includes erection of schematic barricading for camouflaging of on-going construction works and existing premises of Phase 1A/1B/2A.					
7		Rates quoted include clearance of site (prior commencement of work and at its close) in all respects and hold good for work under all conditions, site, moisture, weather etc.					
8		Related material purchases done by selected Bidder shall be liable to produce related compliances as per R&B guidelines and applicable Tender clauses.					
9		The Bidder has to execute at his own cost, if existing structure of Phase 1A, 1B & 2A are damaged during execution of works. No additional claim will be payable but the Bidder has to complete damaged work in its original state.					
		Sign: EIC, iNDEXTb , Gandhinagar			Sign: Contractor with seal		