

GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED

Name of work : Construction of VIP Guest House, Renovation & interior furnishing for Project office , VTC , sales & Record room, Toilet block , New construction for Main gate building with external development at GMDC Campus, Bhavnagar, Gujarat.

PRICE BID

Sr. No.	Item Description	QTY	Unit	Rate	Amount
A	Part-1				
1	Civil work: Demolition of brick work & stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (III) In cement mortar.	203.00	Cu.mt	0.00	0.00
2	Demolition and Dismantling the existing structure including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (I) R.C.C work.	42.00	Cu.mt	0.00	0.00
3	Dismantling tiled or stone floors laid in mortar , any type of flooring including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	1143.00	Sqm	0.00	0.00
4	Dismantling wall tiled / any type of cladding material laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	193.00	Sqm	0.00	0.00
5	Dismantling aluminium/ Gypsum partitions, ACP clading, Signages ,and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge. Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	140.00	Sqm	0.00	0.00
6	Dismantling doors, windows, ventilators etc.(wood of steel) shutters including chowkhats, architraves, holdfasts and other attachments etc complete and stacking them within all lead and lift. (i) Not exceeding 3 Sq.M in area	94.00	Each	0.00	0.00
7	Dismantling doors, windows, ventilators, grill etc.(wood of steel) shutters including chowkhats, architraves, holdfasts and other attachments etc complete and stacking them within all lead and lift.(II) Exceeding 3 Sq.M in area	8.00	Each	0.00	0.00
8	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	3504.00	Sqm	0.00	0.00
9	Remove of existing Fabrication and steel structure including plates, rolled steel joists, channels, angles and all type of accessories etc. including stacking of the materials with all lead and lift. As per existing site conditions work complete as per the instruction of EIC.	2186.00	KG	0.00	0.00
10	Remove of existing sanitary fittings & vessals like basin counter, wash basin, w.c. pan, Indian and Europeon type flushing tank , all type of cock, accessories, all pipe, terrace's services pipeline etc. including stacking of the materials with all lead and lift. As per existing site conditions work complete as per the instruction of EIC.	6.00	Per Toilet	0.00	0.00
11	Excavation for foundation up to 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff with all lead and lift. (C) Hard Murrum	694.00	Cu.mt	0.00	0.00
12	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff with all lead and lift. (A) Hard Murrum	121.00	Cu.mt	0.00	0.00

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13	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers of 20cm. Thickness including watering, ramming and consolidating, as per specifications, etc. complete.	491.00	Cu.mt	0.00	0.00
14	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	488.00	Cu.mt	0.00	0.00
15	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete.	256.00	Cu.mt	0.00	0.00
16	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and between returns as directed.	50.00	Cu.mt	0.00	0.00
17	Filling, with good quality Cinder, as and where directed by the Architect & EIC, in sunk and other required area in layers of required thickness, including watering, ramming, consolidating well etc. complete, as directed.	2.00	Cu.mt	0.00	0.00
18	Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	168.00	Cu.mt	0.00	0.00
19	Providing and laying cement concrete 1:3:6 (1- Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	74.00	Cu.mt	0.00	0.00
20	Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg)	840.00	Cu.mt	0.00	0.00
21	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	2.00	Cu.mt	0.00	0.00
22	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	75605.00	kg	0.00	0.00
23	Form work: Design, Fabrication, erection and striking of formwork. Formwork system shall be executed and designed by the Contractor to the shapes, lines, forms and dimensions shown on drawings. The Contractor shall submit to the EIC method statement backed by design calculations. Required drawings and sketches shall be enclosed along with the statement for the proposed area to be taken up for working at a time. Formwork shall start only after written approval from the EIC has been received. Approval of the proposal in submittal form and acceptance of modification does not relieve the Contractor of its obligation to achieve the required line finish within accepted tolerance limits in terms of quality of works completed and safety. Neither will it diminish the Contractors responsibility for the satisfactory performance of formwork. Formwork system shall be a combination of steel and 12mm thick waterproof & plastic coated Ply board, and shall be continuous, straight and without any warping. Alternatively the Contractor may also submit shuttering pattern scheme to achieve the desired quality as per the architectural design and with the approval of the EIC. To be measured as per surface area covered in concrete and unit in Sqm. Exposed shuttering using sheet steel/plywood shuttering for reinforced concrete work in following locations including centering, strutting, propping, bracing, bolting, wedging, casing, striking. removal, non bonding compound etc. complete drips, grooves, chamfers and cutouts opening for pipes/services, etc., to be provided wherever shown or called for preventing adhesion. Workmanship should be followed as per IS code. Repetition of Ply shall be used as per approval of EIC for best workmanship.	5466.00	Sq.mt	0.00	0.00

24	Providing & laying any thick Brick Masonry work using common burnt clay building bricks having crushing strength not less than 35 Kg/Sq. Cm. at all levels in cement mortar 1:6 (1 cement :6 fine sand) - including proper filling of all masonry joints, curing etc. complete. including all type of tools, tackles, scaffolding, safety measures etc complete as per instruction of Architect/EIC. (II) Conventional brick work	251.00	Cu.mt	0.00	0.00
25	Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry with 150mm/230mm/300 mm thick with Grade-I AAC blocks of density 551 to 650 kg/ cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge.	426.00	Cu.mt	0.00	0.00
26	Providing and laying Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg./Sq. Cm. in cement mortar 1:4 (1 cement : 4 coarse sand) in superstructure - at all floor levels including proper filling of all masonry joints, curing etc. complete. Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	190.00	Sq.mt	0.00	0.00
27	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering all level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	505.00	Sq.mt	0.00	0.00
28	Providing 15 to 18 mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) including finishing with a floating coat of neat cement slurry.	875.00	Sq.mt	0.00	0.00
29	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	1888.00	Sq.mt	0.00	0.00
30	Gypsum Plaster for Saint Gobain Gyproc Elite MR (Moisture Resistant): Providing, preparing and applying 13 mm thick (average) premixed formulated one coat gypsum lightweight plaster Gyproc Elite MR having light weight aggregates of expanded Perlite and other special additives conforming to IS: 2547 both Part I & II - 1976 which is certified by Green Pro & GRIHA for green buildings and delivering a coverage of 21-22 sft/25kg bag @ avg thickness of 13 mm and having a setting time between 20 & 30 mins, having water absorption less than 10% as per DIN EN 520 applied directly on background such as brick/ block/ hacked RCC, on internal walls & ceiling at all floors and locations, finished in smooth line and level, free of undulations and cracks. also Provide of Gyproc Glass Fiber Mesh of 145 GSM, Mesh size of 5mm x 5mm with 0.15M (6 Inches) wide, for protection from formation of Cracks at joints of "Masonry (Brick or Blocks) & Concrete surfaces, Joint at sides of Doors & Windows, Plumbing Chasing, Electrical Conduits etc.	2660.00	Sq.mt	0.00	0.00
31	Applying two coats of Birla (white cement based) or Asian (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	6261.00	Sq.mt	0.00	0.00
32	Interior paint for wall & Ceiling : Providing & laying of three coats with Royale luxury Emulsion paint (soft sheen, with teflon paint) of Asian Paint or equivalent approved brand in shades and colour as directed on wall surfaces to give an even shade incl. scaffolding to at any height with all labour and material after thoroughly brushing the surface & making free from mortar dropings and other foreign matter including surface preparation etc.complete. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , performance waranty certificate etc. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	6901.00	Sq.mt	0.00	0.00

33	Exterior Paint : Providing & Finishing outer walls with Apex ultima luxury exterior emulsion paint in 2 coats paint + 2 coat primer with approved brand & manufacture to give an even and smooth shade of color of approved shade after thoroughly cleaning the walls by water and brushing to remove all dirt and remains of loose materials, up to all level above plinth complete ,scaffolding to any height ,curing etc complete. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , performance warranty certificate etc. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	1189.00	Sq.mt	0.00	0.00
34	Exterior Texture Paint (Apex Ultima Allura Torino of Asian Paint code - PRODUCT CODE 5417): Providing and applying Stone finish Exterior Texture Paint in 2 coats paint + 1 coat primer with approved brand & manufacture to give an even and smooth shade of color of approved shade after thoroughly cleaning the walls by water and brushing to remove all dirt and remains of loose materials, up to all level above plinth complete ,scaffolding to any height ,curing etc complete. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift, performance warranty certificate etc. work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.	2120.00	Sq.mt	0.00	0.00
35	Painting two coats (excluding priming coat) 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 cleanicn the surface of all dirt, dust and other foreign matter. including Applying priming coat over new steel and other metal surface after and including preparing the surface by throughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	103.00	Sq.mt	0.00	0.00
36	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S. The whole work is to be executed through specialized agency with a guarantee of 5 (Five) years given on a prescribed proforma duly stamped. The waterproofing work 10% will be retained from the billing amount for 5 years (without interest). The amount shall be refunded after Five years without interest. work complete including all type of tools , tackles, scaffolding, safety measures etc complete at any level and height. work complete as per the instuction of EIC/Client/Architect.	1589.00	Sq.mt	0.00	0.00
37	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	117.00	Sqm	0.00	0.00

38	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : 22.7.1 With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	1190.00	Sqm	0.00	0.00
39	Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.	1190.00	Sqm	0.00	0.00
40	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	333.00	Sqm	0.00	0.00
41	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	39.00	Sqm	0.00	0.00
42	P & L 24" x 24" vitrified 8 to 10 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit	175.00	Sq.mt	0.00	0.00
43	Providing and laying Vitrified tiles 8 to 10 mm thick , in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	128.00	Sq.mt	0.00	0.00

44	Vitrified Tiles Flooring (Toilet) : Providing and laying Matt finish Vitrified tiles flooring using minimum 10 mm thick tiles of as per approved make list by architect/client, including preparing base for leveling with 20mm thick cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction and approval by architect. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (A) Tile size: 600 mmX 600 mm, Basic rate of tile is Rs. 35/Sqft	95.00	Sq.mt	0.00	0.00
45	Toilet Flooring : "-----Do-----" as per above specification for complete work. Basic rate of tiles is Rs.40/Sq.ft	23.00	Sq.mt	0.00	0.00
46	Vitrified Tiles Wall Dado (Toilet) : Providing and laying Matt finish Vitrified tiles in dado using minimum 10 mm thick tiles as per approved make list by architect /client. fixed in dado on 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) All surfaces must be dimensionally stable according to level, cured, undamaged, compact,rigid,resistant, dry and free from any debonding agents tiles fixed by approved tile adhesive and all application shall be done under instruction of manufacturer guideline and specification , and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction all complete as per approved sample by Architect, drawings and instruction of EIC. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (B) Tile size: 600 mmX 1200 mm, Basic rate of tile is Rs. 40/Sqft	292.00	Sq.mt	0.00	0.00
47	Toilet Dado: "-----Do-----" as per above specification for complete work. Basic rate of tiles is Rs.45/Sq.ft	95.00	Sq.mt	0.00	0.00
48	Vitrified Tile Flooring : Providing and laying Vitrified tiles flooring using minimum 10 mm thick tiles of as per approved make list by architect/client, including preparing base for leveling with 20mm thick cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction and approval by architect. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (A) Tile size: 800x1600mm, Basic rate of tile is Rs. 55/Sqft	1238.00	Sq.mt	0.00	0.00

49	Vitrified Tile Skirting : Providing and laying Vitrified tiles in skirting using minimum 10 mm thick tiles as per approved make list by architect /client fixed in dado on 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) All surfaces must be dimensionally stable according to level, cured, undamaged, compact,rigid,resistant, dry and free from any debonding agents tiles fixed by approved tile adhesive and all application shall be done under instruction of manufacturer guideline and specification , and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction all complete as per approved sample by Architect, drawings and instruction of EIC. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. (B) Tile size: 800x1600mm, Basic rate of tile is Rs. 55/Sqft	98.00	Sq.mt	0.00	0.00
50	Vitrified Tiles Flooring : Providing and laying Rustic / wood finish Matt type Vitrified tiles flooring using minimum 10 mm thick tiles of as per approved make list by architect/client, including preparing base for leveling with 20mm thick cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction and approval by architect. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of tile is Rs. 35/Sqft	167.00	Sq.mt	0.00	0.00
Total Amount				0.00	0.00
B	Part-2			0.00	0.00
51	Vitrified Tiles Skirting : Providing and laying in skirting using minimum 10 mm thick tiles as per approved make list by architect /client fixed in dado on 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) All surfaces must be dimensionally stable according to level, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents tiles fixed by approved tile adhesive and all application shall be done under instruction of manufacturer guideline and specification , and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing / instruction all complete as per approved sample by Architect, drawings and instruction of EIC. Including cost of all type of tools, tackles, all labour, materials, transportation, cleaning , at all floor, all level, all depth, all Height, all lead and lift , work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC. Basic rate of tile is Rs. 35/Sqft	16.00	Sq.mt	0.00	0.00

52	<p>Artificial Stone Flooring : Providing & laying approved quality 15mm thick Artificial stone flooring of approved shade, in required sizes and shapes, set with cement slurry (minimum 4.4 kg cement/sqm) including 35mm to 70 mm thick (Average thickness 50 mm) cement mortar bedding (thickness of mortar bedding to be decided as per requirement and as directed by EIC or his representative) in 1:6 laid and jointed with white cement and matching pigment including rubbing, re-polishing after fixing to remove any undulation between the joints (if required) with different grades of Emery, refilling of open joints, curing, daily cleaning and mopping, shall be done up to the satisfaction of the EIC (Only finished work will be measured.) etc. all complete as per approved sample by Architect, drawings and instruction of EIC. at all floors / all levels / all heights and all shapes. The rate includes machine cut edges of uniform thickness and beveling and mirror polishing of edges. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue .Basic rate of Artificial stone is Rs. 150/ Sqft.</p>	126.00	Sq.mt	0.00	0.00
53	<p>Artificial Stone Cladding : " -----Do-----" as per above specification for complete work. Using 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) instead of 1:6 cement mortar. Basic rate of Artificial stone is Rs. 150/ Sqft.</p>	31.00	Sq.mt	0.00	0.00
54	<p>Artificial Stone door frame: Providing & laying approved quality 15 mm thick Artificial stone work of approved shade (selected and sorted for its uniform colour and thickness)., in door frame etc. in required sizes and shapes, set with cement slurry (minimum 4.4 kg cement/sqm) including 35mm to 70 mm thick (Average thickness 50 mm) cement mortar bedding (thickness of mortar bedding to be decided as per requirement and as directed by EIC or his representative) in 1:6 laid and jointed with white cement and matching pigment including rubbing, re-polishing after fixing to remove any undulation between the joints (if required) with different grades of Emery, refilling of open joints, curing, daily cleaning and mopping, shall be done up to the satisfaction of the EIC (Only finished work will be measured.) etc. all complete as per approved sample by Architect, drawings and instruction of EIC. including 4 mm deep groove, at all floors, all levels, all heights and all shapes. The rate includes machine cut edges of uniform thickness and beveling and polishing of edges. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue .Basic rate of Artificial stone is Rs. 150/ Sqft.</p>	349.00	Rmt	0.00	0.00
55	<p>Artificial Stone window sill : Providing & laying approved quality 15 mm thick Artificial stone work of approved shade (selected and sorted for its uniform colour and thickness)., in window sill etc. in required sizes and shapes, set with cement slurry (minimum 4.4 kg cement/sqm) including 35mm to 70 mm thick (Average thickness 50 mm) cement mortar bedding (thickness of mortar bedding to be decided as per requirement and as directed by EIC or his representative) in 1:6 laid and jointed with white cement and matching pigment including rubbing, re-polishing after fixing to remove any undulation between the joints (if required) with different grades of Emery, refilling of open joints, curing, daily cleaning and mopping, shall be done up to the satisfaction of the EIC (Only finished work will be measured.) etc. all complete as per approved sample by Architect, drawings and instruction of EIC. including 4 mm deep groove, at all floors, all levels, all heights and all shapes. The rate includes machine cut edges of uniform thickness and beveling and polishing of edges. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue .Basic rate of Artificial stone is Rs. 150/ Sqft.</p>	561.00	Rmt	0.00	0.00

56	Artificial stone top Platform (for Pantry & Service counter): Providing & fixing two layers of Pantry Platform, first layer using 25mm thick Kotastone of approved shade and second layer using approved shade and sample of 15 mm thick Artificial stone, joined together with 1:4 Cement mortar bedding / approved tile adhesive , to true plane & level or to slopes, or close jointed with cement slurry with pigment of matching shade and colour and finishing with the same, including dedo 1'6", cutting stone as per required shape & size to fit sink & 3" to 9" facia with moulding, nosing, chamfered front edges, fixing, disposal of debris etc. finished as per design in detail drawing and instruction of Architec/EIC. sample mock shall be approved from Architect/EIC. Basic rate of Artificial stone is Rs.150/ Sqft.	13.00	Rmt	0.00	0.00
57	Artificial Stone Basin Counter for Toilet : Providing & fixing two layers of wash basin counter, first layer using 25mm thick Kotastone of approved shade and second layer using approved shade and sample of Artificial stone, joined together with 1:4 Cement mortar bedding / approved tile adhesive , to true plane & level or to slopes, or close jointed with cement slurry with pigment of matching shade and colour and finishing with the same, including dedo 1'6", cutting kotah & tile as per required shape & size to fit Wash basin & 4" facia with moulding, nosing, chamfered front edges, fixing, disposal of debris etc. finished as per design in detail drawing and instruction of Architect/EIC.sample mock shall be approved from Architect/EIC. Basic rate of Artificial stone - Rs. 150/Sq.ft	26.00	Rmt	0.00	0.00
58	Granite platform for Kitchen : Providing & fixing two layers of platform , first layer using 25mm thick Kotastone of approved shade and second layer using approved shade and sample of Mirror finish Granite, joined together with 1:4 Cement mortar bedding / approved tile adhesive , to true plane & level or to slopes, or close jointed with cement slurry with pigment of matching shade and colour and finishing with the same, including dedo 1'6", cutting kotah & tile as per required shape & size to fit Wash basin & 4" facia with moulding, nosing, chamfered front edges, fixing, disposal of debris etc. finished as per design in detail drawing and instruction of Architect/EIC.sample mock shall be approved from Architect/EIC. Basic rate of granite is 120/ Sq.ft	21.00	Rmt	0.00	0.00
59	Granite Basin Counter for Toilet : Providing & fixing two layers of wash basin counter, first layer using 25mm thick Kotastone of approved shade and second layer using approved shade and sample of Mirror finish Granite, joined together with 1:4 Cement mortar bedding / approved tile adhesive , to true plane & level or to slopes, or close jointed with cement slurry with pigment of matching shade and colour and finishing with the same, including dedo 1'6", cutting kotah & tile as per required shape & size to fit Wash basin & 4" facia with moulding, nosing, chamfered front edges, fixing, disposal of debris etc. finished as per design in detail drawing and instruction of Architect/EIC.sample mock shall be approved from Architect/EIC. Basic rate of granite is 120/ Sq.ft	8.00	Rmt	0.00	0.00
60	Single Leaf Flush Door finish with laminate with frame & top Paneling : Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including WPC frame with Laminate both side paneling as per drawing. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/Client. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	27.00	Sq.mt	0.00	0.00

61	Single Leaf Flush Door finish with laminate : Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/Client. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	29.00	Sq.mt	0.00	0.00
62	Single Leaf Flush Door finish with laminate for toilet : Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/Client. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	40.00	Sq.mt	0.00	0.00
63	Conference Door: Providing & fixing Single Leaf Flush Door 50 mm thick with both side VNR laminate finish; Door frame shall be from Ply with laminate finish, infill 25mm thick rockwool (48 kg/cumt density) with necessary vinyl gripper, necessary fittings. Hardware fittings like concealed door closer Door handle, lock, Door stopper, Hinges etc. as per approved make & sample. work complete including all type of hardware, fittings, fixtures etc shall be per approved make by Architect, bending, bidding, safety measures as per instruction of Client/ Architect etc complete as per detailed drawings and specifications. sample mock shall be approved from Architect/ Client. Basic Rate for material only teak VNR Laminate - 45 /Sq.ft.	5.00	Sqm	0.00	0.00
64	Double Leaf Flush Door finish with laminate : Providing and fixing in position 40 mm thick BWP grade Double leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/Client. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	9.00	Sqm	0.00	0.00
65	Single Leaf FRP Door (for Driver's room): Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	4.00	Sqm	0.00	0.00
66	WPC shutter with laminate finish (Duct area): Providing and fixing in position 12 mm thick WPC shutter of approved make with laminate finish as approved, shutter fixed with floor and above pivot of approved make , pivot cover plate, safety measures , lock & handle etc fixtures of approved make list with all necessary fittings etc. aluminium frame 25x30 Complete as per detailed drawings and specifications.	8.00	Sq.mt	0.00	0.00

67	<p>Sliding window with mosquito shutter: Domal section : 27x65 mm series Supply & Fixing of Aluminium sliding window with powder coated as per by approved make & sample by architect/EIC. Frame section: 40 x 89 x 1.5 mm , Shutter section : 27x 65 x 1.5 mm , Mosquito shutter : 27 x 65 x 1.5 mm Glass : 5 mm thick clear reflective toughened glass Work including Trolley Wheel (Bearing), EPDM Gasket, Woolen In Shutter, Concealed Lock, Anti Rattling Guide, Lock Guide, handle Antilifting, Shutter Corner Clit, Shutter wing Connector, Interlock EPDM Gasket, Interlock Guide, Anti Capillary Pad, Bush Bottom silicon all side & All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.</p>	132.00	Sqm	0.00	0.00
68	<p>Fixed Glass Aluminium Window: Domal section : R40 mm series Supply & Fixing Fixed glass window Comprising from Domal section series R40 mm series with powder coated as per approved make & sample by Architect/EIC. Frame section: 40 x 39.4 x 1.25 mm Glass : 5 mm thick clear reflective toughened glass of saint gobain or approved make list including EPDM Gasket and All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.</p>	22.00	Sqm	0.00	0.00
69	<p>Toilet Ventilation : Providing and fixing standard extruded of alluminium section of size 63 mm x 38.10 mm x 1.2 mm (jindal section : 2434 @ wt. 0.643 kg per mt with powder coated alluminium frame for ventilation with 5 mm thick frosted glass as details & provision of exhaust fan.</p>	9.00	Sq.mt	0.00	0.00
70	<p>Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete. With 12 mm mild steel U beading. Work complete including all type of material, fittings , fixtures, Finish, loading , unloading , transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , necessary frame work, Scaffolding etc complete as per detailed drawings ,specifications & instruction of Client/EIC.</p>	1.00	Sqm	0.00	0.00
71	<p>Elevation Facade(SGU): Semi-unitized glass glazing Aluminium(sash frame) fix glass section standard compnay of BANCO or equivalent with Black Anodize 15microne or powder coating , 2mm thick x 12mm brod 3M VHP tap for stick glass, 6mm thick Reflective toughened glass standard company of saint-gobain (Cosmos ET 125 or equivalent) , EPDM gasket , openable window s.s 304 friction stay standard company of CLASWELL , m.s bracket zinc coated(connectors for main member) 75x 150, other necessary fixtures and fastenings as per drawing and specification(GLASS PANEL), MATERIAL DETAIL - ART - 1007710 , ART - 2007712 , ART - 2007715, Rate including including removing existing glazing with frame, accessories etc. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. rate including all type of scaffolding, safety measures , form work at all floor, all levels etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/ Client.</p>	72.00	Sqm	0.00	0.00
72	<p>Opening in Galzing : Extra for openable side / top hung vision glass panels including providing and supplying at site all accessories and hardwares for the openable panels as specified and of the approved make such as heavy duty stainless steel friction hinges, min 4 -point cremone locking sets with stainless steel plates, handles, buffers etc. including necessary stainless steel screws/ fasteners, nuts, bolts, washers, safety measures etc. all complete as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the Engineerin- Charge. sample mock shall be approved from Architect/EIC.</p>	7.00	Sqm	0.00	0.00

73	<p>Aluminium Fins (Elevation): Supplying and Installing of METALIUMTM make U- Shaped Baffle 100*50*100mm (50mm gap) Galvanized Steel 0.50mm TCT plain wooden powder coating on visible surface of Panel and supporting structure in black color Exterior Louver System.</p> <p>Panel (Galvanized Steel): Metalium make square edge P-50 series panels, 100 * 50 * 100 mm& 0.50 mm TCT Galvanized Steel. Panel length is up to approx. 3 mtr. Panels shall be wooden powder coated on visible surface with special Exterior Grade powder to enhance property of Fadedness Resistivity.</p> <p>P-50 Carrier (U Shaped): Black enameled Galvanized Steel Carrier of 20mm wide at bottom x 39mm deep x 0.6 mm thick in a standard length of 8' with cutouts to hold the panel in a module of 100 mm centre to centre at a distance of 1 mtr. Carrier and suitable structure shall be powder / coil coated on exterior face to enhance properties of Fadedness and corrosion resistivity.</p> <p>Installation Details: GS Clit shall be fixed on vertical columns with dash fasteners at distance not more than 1 mtr. Centre to centre on which Tubular Stud sections will be laid with corrosion proof screws and on this rigid structure carrier shall be fixed vertically / horizontally at distance of 1 mtr. Centre to centre. Panel shall be clipped to carriers. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessorie , Scaffolding etc as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client.</p>	207.00	Sqm	0.00	0.00
74	<p>Elevation façade : 184R SL-4 Exterior Plain Louvre System of Metalium or equivalent</p> <p>Panel Details (Galvanized Steel): Supply & installation of Metalium make 184 R, Round edge panels, 184mm wide x 15mm deep x length up to 5mtr. Formed out of 0.50 mm TCT Galvanized Steel as per IS-513 fixed on Louver carriers. Panels shall be powder coated on single surface with special high quality Exterior Grade powder to enhance property of Fadedness resistivity.</p> <p>Carrier Details (SL-4): Black enameled Galvanized Steel Carrier of 20mm wide at bottom x 86mm deep x 0.6 mm thick in a standard length of 8' with cutouts to hold the panel in a module of 86 mm centre to centre at a distance of 1 mtr. Carrier and Suitable structure shall be powder / coil coated on exterior face to enhance properties of Fadedness and corrosion resistivity.</p> <p>Installation Details: GS Clit shall be fixed on vertical columns with dash fasteners at distance not more than 1 mtr. Centre to centre on which Tubular Stud sections will be laid with corrosion proof screws and on this rigid structure carrier shall be fixed vertically at distance of 1 mtr. Centre to centre. Panel shall be clipped to carriers.</p> <p>Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessorie , Scaffolding , fabrication etc as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client.</p>	295.00	Sqm	0.00	0.00

75	<p>ACP Clading: Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: (a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. (b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. (c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.</p>	350.00	Sqm	0.00	0.00
76	<p>EW C -1: Providing and fixing wash down water closet (European type W.C. pan) as per approved make of selection & shade with seat cover, P OR S Trap M.S. or G.I bracket , CP brass hinges and rubber buffers and Jointing the trap with soil pipe in cement mortar : 1:1 (1 cement : 1 fine sand) including cutting and making good the walls and floors where required with all labour and materials. All works to be carried out as per instructions and direction of Engineer-in-charge. Model Equivalent to Kohler 27902IN-SS-0</p>	5.00	Nos	0.00	0.00
77	<p>EW C -2 : Providing and fixing wash down water closet (European type W.C. pan) as per approved make of selection & shade with seat cover, P OR S Trap M.S. or G.I bracket , CP brass hinges and rubber buffers and Jointing the trap with soil pipe in cement mortar : 1:1 (1 cement : 1 fine sand) including cutting and making good the walls and floors where required with all labour and materials. All works to be carried out as per instructions and direction of Engineer-in-charge. Model Equivalent to Kohler 26998IN-0</p>	12.00	Nos	0.00	0.00
78	<p>EW C - 3 : Providing and fixing wash down water closet (European type W.C. pan) as per approved make of selection & shade with seat cover, P OR S Trap M.S. or G.I bracket , CP brass hinges and rubber buffers and Jointing the trap with soil pipe in cement mortar : 1:1 (1 cement : 1 fine sand) including cutting and making good the walls and floors where required with all labour and materials. All works to be carried out as per instructions and direction of Engineer-in-charge. Model Equivalent to 18131IN-S-0</p>	1.00	Nos	0.00	0.00
79	<p>Flushing Tank: Providing and fixing Preumatic Flushing tank of as per approved make list . Work complete including all type of finishing. Model Equivalent to Kohler 26352IN-M-NA : INSTAFIT® NXT GEN - MECH IN WALL TANK</p>	18.00	Nos	0.00	0.00

80	Flush Plate: Providing and fixing BEVEL FACE PLATE POLISHED CHROME of as per approved make list . Work complete including all type of finishing. Model Equivalent to Kohler 5413IN-M-CP	18.00	Nos	0.00	0.00
81	Health faucet: Providing and fixing 12mm dia. Health faucet with 8 mm dia of as per approved make list with flexible pipe of 1.mt. length and holding stands complete. Work complete including all type of finishing. Model Equivalent to kohler 12927IN-CP, HEALTH FAUCET W/SDSPRAY, METAL HOSE	18.00	Nos	0.00	0.00
82	Toilet Papers Holder: Providing and fixing Toilet papers holder of as per approved make list . Work complete including all type of finishing. Model Equivalent to Kohler 5632IN-CP	18.00	Nos	0.00	0.00
83	COMPLEMENTARY ANGLE VALVE: Providing and fixing 15mm dia COMPLEMENTARY ANGLE VALVE of as per approved make list. Work complete including all type of finishing. Model Equivalent to kohler 11568IN-7B-CP - COMPLEMENTARY ANGLE VALVE	20.00	Nos	0.00	0.00
84	Wash Basin-1: Providing and fixing Wash Basin including fittings and waste pipe and fixing on wash basin counter by tile adhesive of approved make. Work complete including all type of finishing. Model Equivalent to kohler 5373IN-0 FOREFRONT RECT W/O FAUCET DECK+ 20746IN-CP COMPLEMENTARY GRID DRAIN, LONG	7.00	Nos	0.00	0.00
85	Wash Basin - 2 : Providing and fixing Wash Basin including fittings and waste pipe and fixing on wash basin counter by tile adhesive of approved make. Work complete including all type of finishing. Model Equivalent to kohler 28784IN-0 KOHLER VIVE GEO VESSEL + 1460429-CP HIDDEN DRAIN ASSEMBLY	7.00	Nos	0.00	0.00
86	Wash Basin- 3 : Providing and fixing Wash Basin including fittings and waste pipe and fixing on wash basin counter by tile adhesive of approved make. Work complete including all type of finishing. Model Equivalent to kohler 28784IN-0 KOHLER VIVE GEO VESSEL + 1460429-CP HIDDEN DRAIN ASSEMBLY	7.00	Nos	0.00	0.00
87	Wash Basin -4 : Providing and fixing Wash Basin including fittings and waste pipe and fixing on wash basin counter by tile adhesive of approved make. Work complete including all type of finishing. Model Equivalent to kohler 25318IN-0 SPAN ROUND VESSEL 472X360 + 20746IN-CP COMPLEMENTARY GRID DRAIN, LONG	3.00	Nos	0.00	0.00
88	Basin spout - 1: Providing and fixing 15mm dia wall Mounted Basin spout of as per approved make list and work complete including all type of accessories. Model equivalent to kohler 5684IN-4ND-CP; ALEO+ WM LAV FAUCET TRIM and 5679IN-CP; SC WM VALVE ASSY	7.00	Nos	0.00	0.00
89	Basin spout - 2 : Providing and fixing 15mm dia wall Mounted Basin spout of as per approved make list and work complete including all type of accessories. Model equivalent to kohler 5683IN-4ND-CP ALEO WM LAV FAUCET TRIM +5679IN-CP SC WM VALVE ASSY	7.00	Nos	0.00	0.00
90	Basin spout - 3 : Providing and fixing 15mm dia Basin spout of as per approved make list and work complete including all type of accessories. Model equivalent to kohler 5683IN-4ND-CP ALEO WM LAV FAUCET TRIM +5679IN-CP SC WM VALVE ASSY	7.00	Nos	0.00	0.00
91	Basin spout -4 : Providing and fixing 15mm dia Basin spout of as per approved make list and work complete including all type of accessories . Model equivalent to kohler 75377IN-4-CP; JULY PILLAR TAP	3.00	Nos	0.00	0.00
92	Providing and fixing 15mm dia. Angular Cock as per approved make list and work complete including all type of accessories . Model equivalent to Kohler 11568IN-7-CP	26.00	Nos	0.00	0.00
93	Providing and fixing in position Soap Dispensor as per approved make list and work complete including all type of accessories. Model equivalent to JAQUAR - CAT- CAN-1135N	19.00	Nos	0.00	0.00
94	Providing and fixing Towel ring of as per approved make of selection or as directed by EIC. Jaquar : ACN-1121N	26.00	Nos	0.00	0.00

95	Handrayer : Providing and fixing in position of Handdrayer of as per approved make list. Work completed as per the instruction of EIC. Model Equivalent to kohler 5486T-0P (Bardon Touch Less Hand Dryer In White)	16.00	Nos	0.00	0.00
96	Bib Tap (Utility area): Providing and fixing 15mm dia Bib Tap of as per approved make list. Work complete including all type of finishing. Model Equivalent to kohler	4.00	Nos	0.00	0.00
97	Kitchen sink: Providing and fixing Kitchen sink as per approved make including all fitting material including Fixing of with necessary plumbing work as per detail drawing and plumbing work .Material approved by architect/EIC. Model Equivalent to NIRALI GRACE JUMBO 685X535X254	4.00	Nos	0.00	0.00
98	Sink Cock: Providing and fixing 15mm dia. Sink Cock of as per approved make of selection. Model equivalent to: FLR-5347N	4.00	Nos	0.00	0.00
99	RAINDUET SQUARE 203MM RAINHEAD -1 : Supply, Installation, Testing and Commissioning of Rainduet Square Rainhead of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 73038IN-CL-CP RAINDUET EDGE SQUARE 203MM RAINHEAD	2.00	Nos	0.00	0.00
100	RAINDUET SQUARE 203MM RAINHEAD - 2 : Supply, Installation, Testing and Commissioning of Rainduet Square Rainhead of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 73199IN-CP RAINDUET SQUARE 203MM RAINHEAD	4.00	Nos	0.00	0.00
Total Amount				0.00	0.00
C	Part-3			0.00	0.00
101	WALL MOUNT SQUARE SHOWERARM (Suite room & Other room): Supply, Installation, Testing and Commissioning of WALL MOUNT SQUARE SHOWERARM of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 20138IN-CP; COMPLEMENTRY SQUARE SHOWERARM WALL MOUNT	6.00	Nos	0.00	0.00
102	SPATULA HANDSHOWER LARGE WITH HOSE : Supply, Installation, Testing and Commissioning of SPATULA HANDSHOWER LARGE WITH HOSE of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 98445IN-CP	6.00	Nos	0.00	0.00
103	ALEO BATH SPOUT W/ DIVERTER : Supply, Installation, Testing and Commissioning of ALEO BATH SPOUT W/ DIVERTER of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 20077IN-CP	6.00	Nos	0.00	0.00

104	RAINJOY SLIDE BAR : Supply, Installation, Testing and Commissioning of RAINJOY SLIDE BAR of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 72740IN-CP; RAINJOY SLIDE BAR	6.00	Nos	0.00	0.00
105	ALEO+RECE B&S TRIM, 40mm with VALVE : Supply, Installation, Testing and Commissioning of ALEO+ RECE B&S TRIM, 40mm of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 72328IN-4FP-CP; ALEO+ RECE B&S TRIM, 40mm + 882IN-CP; AQUA TURBO 235 MANUAL VALVE	6.00	Nos	0.00	0.00
106	Bottle Trap : Providing and fixing chromium plated Bottle Trap of as per approved make list , with necessary coupling of approved make for wash basin & sink. Work complete including all type of finishing. Model Equivalent to kohler 75823IN-CP - BOTTLE TRAP 350MM	28.00	Nos	0.00	0.00
107	Urinal : Providing and fixing Urinal with sensor valve as per approved make list , with necessary coupling of approved make for wash basin & sink. Work complete including all type of finishing. Model Equivalent to kohler 26475IN-ER-0 SPAN ROUND REAR INLET + 16088IN-NA INLINE STOP VALVE G1/2 G13MM + 16087IN-4-CPJULY INLINE STOP VALVE TRIM	13.00	Nos	0.00	0.00
108	Bath Mixer (Driver's room Bath) : Supply, Installation, Testing and Commissioning of 15mm dia Bath spout of Kohler or approved make of selection. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No 98755IN-4-CP; JULY EXPOSED B&S W/O DIV FOR HANDSHOWER	1.00	Nos	0.00	0.00
109	Overhead shower (Driver's room Bath) : Supply, Installation, Testing and Commissioning of Overhead Shower with shower arm of Kohler or equivalent approved make with all necessary fittings material work complete as per the detailed drawing. Rate shall be inclusive of all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads,etc complete as per detailed drawing & Instruction of Architect/EIC. Model Equivalent to Kohler code No : 16356IN-A-CP ; SF SHOWERHEAD WITH ARM & ESCUTCHEON	1.00	Nos	0.00	0.00
110	Mirror (Others Room) : Providing and fixing 6 mm thick mirror of Kohler or as per approved make shall be fixed with SS studs. Provision shall be made for conceal led light work as per detailed drawing / instruction of architect complete. Rate shall be inclusive of frosting work as per detail drawing. Model Equivalent to kohler 26052-BLL; KOHLER ESSENTIAL RECTANGLE MIRROR (560mm L x 864mm H)	4.00	Nos	0.00	0.00
111	Mirror (Suite room) : Providing and fixing 6 mm thick mirror of Kohler or as per approved make shall be fixed with SS studs. Provision shall be made for conceal led light work as per detailed drawing / instruction of architect complete. Rate shall be inclusive of frosting work as per detail drawing. Model Equivalent to kohler 22928IN-NA; VITALITY30X40 COLUMN RECT LIGHT MIRROR	4.00	Nos	0.00	0.00
112	Mirror (Common Toilet) : Providing and fixing 6 mm thick mirror of Saint Gobain/ Modiguard / Asahi as per approved make shall be fixed with SS studs. Provision shall be made for conceal led light work as per detailed drawing / instruction of architect complete. Rate shall be inclusive of frosting work as per detail drawing.	18.00	Sq.mt	0.00	0.00

113	<p>Showers Cubicles : Supply & Installation of Shower Cubicles with Fittings (Dorma make) or as per as per Architect selection & approved make. Glass to Wall Hinges (90 Deg or 135 Deg) - 2 Nos. Glass to Wall Small Brackets (90 Deg) without Back Plate - 4 Nos. Towel Rod cum Handle Bar (458mm x 205mm x 18mm) - 1 No. Water Disper Seal - 1 No. Magnetic Seal (180 Deg) - 1No. Soft Nose Seal - 1No Support Bar 40mm x 40mm Glass: 8 mm thick Door: 1no Work complete including all type of fittings, fixtures, tools, etc complete as per manufacturer specification and drawing.</p>	7.00	Sqm	0.00	0.00
114	<p>Toilet Cubical : @1000(W) X 1500(D) x 2050(H) mm Supply & Installation of Toilet Cubicles as per as per Architect selection & approved make. 12 mm Compact Grade 1.5 mm thick laminateBoard of the approved shade by Architect . Accessories for cubicles.1. Aluminum "U" Section with SS Exterior grade Finish.2. Aluminum "H" Section with SS Exterior grade Finish.3. Aluminum Top Rail with SS Exterior grade Finish.4. SS Coat Hook (SS 316)5. SS Privacy Thumb Turn (SS 316)6. SS Door Knob (SS 316)7. SS Hinges (SS 316)8. SS Adjustable Leg (SS 316)With Rubber lining and Screw Etc. Work complete including all type of fittings, fixtures, tools, etc complete as per manufacturer specification and drawing.</p>	4.00	Unit	0.00	0.00
115	<p>JC shutter: Supply & Installation of Cubicles with shutter as per as per Architect selection & approved make. 12 mm Compact Grade 1.5 mm thick laminateBoard of the approved shade by Architect . Accessories for cubicles.1. Aluminum "U" Section with SS Exterior grade Finish.2. Aluminum "H" Section with SS Exterior grade Finish.3. Aluminum Top Rail with SS Exterior grade Finish.4. SS Coat Hook (SS 316)5. SS Privacy Thumb Turn (SS 316)6. SS Door Knob (SS 316)7. SS Hinges (SS 316)8. SS Adjustable Leg (SS 316)With Rubber lining and Screw Etc. Work complete including all type of fittings, fixtures, tools, etc complete as per manufacturer specification and drawing.</p>	3.00	Nos	0.00	0.00
116	<p>Urinal Partition: Providing and fixing Artificial or natural stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.</p>	6.00	Nos	0.00	0.00
117	<p>Collapsible steel shutter: Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.</p>	20.00	Sqm	0.00	0.00

118	MS Fabricated Door: Providing Fabrication & erection 3 mm thick M.S. sheet/plate door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces. including CNC cutting/Engraving as per reference image given by Architect. The work includig necessary fabrication work, fittings, fixtures, accessories, pivot, door, handle, lock etc complete. finish with Anti corrosive paint with primer as per approved shade by Architect. The scope includes loading, transportation, unloading and delivery and erection site of all fabricated structures, alignment and welding of all structures true to line, level, plumb and dimension. sample mock shall be approved from Architect/EIC. Shop drawing shall be provided by Contractor. (Preparation Area)	3.00	Sq.mt	0.00	0.00
119	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked 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. (B) Shutters having width 3.5 M. and above	10.00	Sq.mt	0.00	0.00
120	Fabricated work: Providing Fabrication & erection of steel structure as per drawings including materials, consisting of plates, rolled steel joists, channels, angles, chequered plates etc and also rectangular / square hollow steel sections, insert plates in RCC/Brickwork, anchor bolts for steel structure, sleeve pipes, anchor nuts, washers etc, straightening of raw steel if required, fabrication of steel structures with primer and minimum two coats of anti corrosive matt finish paint including preparation of supplementary sketches and detailed bill of materials supply of bolts, nuts, washers, shims, packs, putty. gas, welding electrodes and all other consumables, as required and carrying out surface preparation all complete. The scope includes loading, transportation ,unloading and delivery and erection site of all fabricated structures,, alignment and welding of all structures true to line, level, plumb and dimension, including rectification if any, splicing, site assembly all as per technical specifications and drawings, ,all complete.Contactror shall provide stability certificate for the fabrication structure. Rate inclusive of shop drawing.	10402.00	KG	0.00	0.00
121	S.S. & Glass Railing: Staircase Material: SS 304 Grade MAT finish, Top handrail: Ø 50mm X 1.5mm thick AISI 304 Grade S.S. Modular Handrail Verticle Balustrade : 40mm X 40mm X1.5mm thick AISI 304 Grade S.S Top Mounted Square Baluster with Double Glass holding Accessories,100 x 100 x 8mm Thick 304 Grade base Plate With 2 No. Hilti frame Anchor HRD-C M10 X 100 mm : balusters to be placed at approximate 1200.00mm C/C Glass: 12mm thick Straight Toughened Glass as per approved make & sample work complete including all type of modular fittings, fixing, fixtures, accessories, tools, tackles, scaffolding, anchoring, silicon seal, epoxy grouting , insets plates, mock up sample etc complete as per the detailed drawing & Instruction of EIC.	17.00	Rmt	0.00	0.00
122	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	772.00	Sqm	0.00	0.00

123	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(A) By manual means in area of light jungle	0.83	Hectare	0.00	0.00
124	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	1837.00	Cu.M	0.00	0.00
125	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process usin (...)	559.00	Cu.M	0.00	0.00
126	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(3) Crushed stone aggregate for Hard Quality up to 63 mm stze	705.00	Cu.M	0.00	0.00
127	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(ii) 40mm to 63mm size aggregates (H.B.)	719.00	Cu.M	0.00	0.00
128	Supplying of coarse clean sharp sand at site.	313.00	Cu.M	0.00	0.00
129	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(ii) Sand	313.00	Cu.mt	0.00	0.00
130	(i) Supplying of murrum / binding materials	378.00	Cu.M	0.00	0.00
131	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(i) Murrum	378.00	Cu.M	0.00	0.00
132	Rolling and consolidation of soling including filling in depression which occur during the process, with power roler 8 tonne to 12 tonne.	3123.00	Sqm	0.00	0.00
133	Rolling and consolidating water bound macadam (except laterite and Kankar) including watering not exceeding 150mm thickness (Main layer including binding materials) including filling in depressions which occur during the process.(A) With power roller exceeding 8 tonne and not exceeding 12 tonne.	3123.00	Sqm	0.00	0.00
134	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (C) Water bound Macadam (Layer not exceeding 100mm thickness)	811.00	Cu.M	0.00	0.00
135	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(i) Water bound macadam surface (New)	3123.00	Sqm	0.00	0.00
136	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete.	378.00	Cu.M	0.00	0.00
137	Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement conctere work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg)	587.00	Cu.M	0.00	0.00
138	Providing and placing in position FE 500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab.	20.30	MT	0.00	0.00

139	Trimix flooring: Compaction and finishing of concrete road road by trimix process By using needle and vaccume dewatering serivce ,vaccum dewatering pump Flotter,Surface vibrator ,finishing with required texture, C channel , curing, making provision for contraction/expansion, construction & longitudinal joints by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge.	3036.00	Sqm	0.00	0.00
140	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	2464.00	Sqm	0.00	0.00
141	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1 cement:3 fine sand) etc complete.	2321.00	Rmt	0.00	0.00
142	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	1846.00	Sq.mt	0.00	0.00
143	Paver Block: Laying and fixing of 60 mm thick, M40 grade cement concrete pavers blocks including 50 mm thick sand bedding and gap between blocks shall be filled with well sieved fine sand, compaction with vibratory plate compactors as per IRC:SP:63-2004, cleaning the top surface for any debris, block set. including materials, labours, tools, tackles and plants complete as per specifications and as directed by Engineer-In-Charge. Equivalent to Vyara Paver BEGANIT GREY DL R 60MM with minimum average 400 Kg/cm2 compressive strength at 28 days.	630.00	Sqm	0.00	0.00
144	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)	6.00	Each	0.00	0.00
145	STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms Octagone as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	3.00	Each	0.00	0.00

146	<p>Parking Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting.</p>	3.00	Nos.	0.00	0.00
147	<p>Direction (Junction) Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 244x122 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	3.00	Each	0.00	0.00
148	<p>Place Identification Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 150x90 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	3.00	Each	0.00	0.00

149	Village Name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol or inscription/letters / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	1.00	Each	0.00	0.00
150	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	725.27	Sqm	0.00	0.00
Total Amount				0.00	0.00
D	Part-4			0.00	0.00
151	Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	2128.41	metre	0.00	0.00
152	Lawn Grass:- Excavation the area upto the depth of 15-20 cm., Removing all excavated soil and dump as and where directed as per instructions of Engineer-in-charge, Removing all unwanted material like brick-bats, grass roots stumps, stone etc, breaking the clods, Levelling the area, Providing and Mixing 20-23 cm layer of the local fertile field soil, (free from stone, grass roots etc.) mixing of fertilizer and Providing and Mixing farm yard manure at the rate of 3 cu.mt. per 100 sq. mt.- mixing the same with layer of soil, Levelling, Rolling, Pre-planting, Watering , Trimming , all labour , tools , tackles , maintenance with 30 days or more till the grass forms a thick lawn, etc and planting the readymade Carpet Lawn Grass in the form of approved 30 x 30 cm size slabs etc complete as per detail specification.	1200.00	Sq.mt	0.00	0.00
153	Shrubs:- Providing and planting the saplings of shrubs at 60 cm dist.after excavating the pits 60 x 60 x 60 cm. size and Removing and throwing away the dug soil as directed and refilling the pits with extra fertile field soil (Yellow soil) at the rate 70% and manure at the rate of 30% of the dug soil, and providing and mixing the fertilizer, insecticide etc complete as per detail specification.Work complete including all labour , tools , tackles , maintenance with 30 days or more till the shrubs forms a thick etc	700.00	Nos	0.00	0.00
154	Trees :- Providing and planting the saplings of trees of approved varieties after excavating the pits of 60 x 60 x 60 cm. size and Removing the excavated soil and refilling the same with 70% of extra fertile soil and 30% of well rotted farm yard manure including fertilizer, insecticide etc. complete as per detailed specification. .Work complete including all labour , tools , tackles , maintenance with 30 days or more till the shrubs forms a thick etc	250.00	Nos	0.00	0.00

155	Palm Tree:- Providing and planting the saplings of trees of approved varieties after excavating the pits of 60 x 60 x 60 cm. size and Removing the excavated soil and refilling the same with 70% of extra fertile soil and 30% of well rotted farm yard manure including fertilizer, insecticide etc. complete as per detailed specification. .Work complete including all labour , tools , tackles , maintenance with 30 days or more till the shrubs forms a thick etc	60.00	Nos	0.00	0.00
156	Raising hedges : After excavating soil upto 30 cm. depth and 30 cm width, preparing soil for planting by supplying and mixing farm yard manure at the rate of 5 cu.m. per 100 sq.mt. area providing and planting cutting of cleredendron (kadavi mendi) in two rows roughly at 18 cm. x 18 cm. distance complete.Removing the excavated soil and refilling the same with 70% of extra fertile soil and 30% of well rotted farm yard manure including fertilizer, insecticide etc. complete as per detailed specification. .Work complete including all labour , tools , tackles , maintenance with 30 days or more till the shrubs forms a thick etc	800.00	Rmt	0.00	0.00
157	Tree Guard : 800 x 800 x 75 mm Providing and fixing of Concrete tree guard in shot blasted finished and sample approved by Architect/Client. work including all type of material , fittings , accessories , etc . Test certificate shall be submitted by the Manufacturers.	150.00	Nos	0.00	0.00
158	Providing and planting the Champa height 150-165 cm. in big poly bag size 25 cm, after excavating the pits of 60 x 60 x 60 cm. size and Removing the excavated soil and refilling the same with 70% of extra fertile soil and 30% of well rotted farm yard manure including fertilizer, insecticide etc. complete as per detailed specification. .Work complete including all labour , tools , tackles , maintenance with 30 days or more till the shrubs forms a thick etc	150.00	Nos	0.00	0.00
159	Concrete Pot with Artificial planter (5' ht): Providing and fixing of Large concrete pot (3ft wide x 3'ft depth x 5' ht) as per selection by Architect .	110.00	Nos	0.00	0.00
160	Clay Pot/planter box: Providing and fixing of clay pot/plater box (3ft length x 1'ft depth x 1' ht) as per selection by Architect .	60.00	Nos	0.00	0.00
161	PLUMBING: BOREWELL: Supplying & erecting approved make motor control cubical panel [Star delta] made from 16G CRCA sheet duly epoxy powder painted inside and outside with hinged doors and locking with suitable size of ON - OFF isolator (AC 3 / 23 duty) main fuses. Digital volt and current meter (in a single unit) with micro controller based control unit and current sensing single phasing preventer electronic overload protection, over voltage (Programmable) protection and under voltage (Programmable) protection, prod less dry run protection programming facility for setting of all parameter like overload current, high voltage limit, low voltage limit, dry run limit with digital indication on seven segment LED display for any fault like over load, high voltage, low voltage, dry running single crimped, electronic star delta timer, feather touch start / stop push buttons to be erected on angle iron frame. Grouted on wall the contactors will be of L& T, Siemens , BCH make only) (e) S/D up to 22.5 H.P.	1.00	Ea	0.00	0.00
162	Providing and erecting ISI marked PVC insulated PVC Sheathed Flat flexible Submersible copper cable approved make of following Size. (e) 3 Core x 10 Sq. mm. .	260.00	Mtr	0.00	0.00
163	Providing Water proof straight Joint in PVC insulated flat flexible copper cable by using insulating material, water proofing material, & making the joint complete. (A) Up to 10Sq. mm	1.00	Ea	0.00	0.00
164	Supplying of following size of HEAVY UPVC column pipe with coupler and wire lock [C] 65 mm dia	100.00	RMT	0.00	0.00
165	Supply of following size of TOP & BOTTOM accessories i.e. Adaptor set (CI) long, pump guard set, starter pipe Rubber ring for submersible pump & UPVC column pipe as directed by Engineer - in - charge with necessary plumbing as desired. [E] 65 mm dia	1.00	Set	0.00	0.00
166	Supplying & erecting G.I. bend for pipe connections suitable for (E) 65 mm(2.5")	1.00	Ea	0.00	0.00

167	Lowering of submersible motor pump set complete with required. Nos. and size of casing pipes erected by means of proper chain pulley block & pipe wrenches after checking of threads of each pipe with coupling to take the load of the pump set and pipe assembly filled up with water. (b)Above 60 mtrs. and Up to 120 mtrs.	1.00	Job	0.00	0.00
168	Supplying submersible pump set for bore of 150 mm. dia. Or more having 3 phase motor capacity about 20 H.P and discharge capacity having (b) (14 Stage) 650 to 550 LPM discharge at head 84 to 112 mtrs suitable for 65 mm dia. delivery pipe	1.00	Ea	0.00	0.00
169	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level. All types of soil. 300 mm dia	100.00	Rmt	0.00	0.00
170	WATER SUPPLY: Providing laying and jointing in true line and level 15mm dia. 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.	220.00	Rmt	0.00	0.00
171	Providing laying and jointing in true line and level 25mm dia. 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.	170.00	Rmt	0.00	0.00
172	Providing laying and jointing in true line and level 32mm dia. 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.	70.00	Rmt	0.00	0.00
173	Providing laying and jointing in true line and level 40mm dia. 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.	260.00	Rmt	0.00	0.00
174	Providing laying and jointing in true line and level 50mm dia. 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.	380.00	Rmt	0.00	0.00

175	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735- 1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	74.00	Rmt	0.00	0.00
176	Providing laying and jointing in true line and level 65mm dia. 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.	50.00	Rmt	0.00	0.00
177	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 fittings and clamps including making good the wall, ceiling and floor etc. complete. [A] 15 mm.	60.00	Rmt	0.00	0.00
178	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 fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	30.00	Rmt	0.00	0.00
179	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 fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	30.00	Rmt	0.00	0.00
180	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 fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	30.00	Rmt	0.00	0.00
181	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 fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	100.00	Rmt	0.00	0.00
182	Supplying & erecting resin bonded flap rock wool / glass wool with conductivity valve 1.67 sq.mm per watt & to with stand the temp. to 100 degree centigrade C thickness 50mm with G I pipe of following size dia "B" class as per IS:1239. The plastic sheet to be used as covering of glass wool. Al. cladding besides other materials like chicken mesh, 26 G Al. Sheet shall be used for cladding the insulation pipe. ; (A) for 20 mm dia pipe	30.00	Mtr	0.00	0.00
183	Supplying & erecting resin bonded flap rock wool / glass wool with conductivity valve 1.67 sq.mm per watt & to with stand the temp. to 100 degree centigrade C thickness 50mm with G I pipe of following size dia "B" class as per IS:1239. The plastic sheet to be used as covering of glass wool. Al. cladding besides other materials like chicken mesh, 26 G Al. Sheet shall be used for cladding the insulation pipe. ; (B) For 25 mm dia pipe	30.00	Mtr	0.00	0.00
184	Supplying & erecting resin bonded flap rock wool / glass wool with conductivity valve 1.67 sq.mm per watt & to with stand the temp. to 100 degree centigrade C thickness 50mm with G I pipe of following size dia "B" class as per IS:1239. The plastic sheet to be used as covering of glass wool. Al. cladding besides other materials like chicken mesh, 26 G Al. Sheet shall be used for cladding the insulation pipe. ; (C) for 32 mm dia pipe	30.00	Mtr	0.00	0.00

185	Supplying & erecting resin bonded flap rock wool / glass wool with conductivity valve 1.67 sq.mm per watt & to with stand the temp. to 100 degree centigrade C thickness 50mm with G I pipe of following size dia "B" class as per IS:1239. The plastic sheet to be used as covering of glass wool. Al. cladding besides other materials like chicken mesh, 26 G Al. Sheet shall be used for cladding the insulation pipe. ; (D) for 40 mm dia pipe	100.00	Mtr	0.00	0.00
186	Supply, Installation, Testing & Commissioning of SPLIT HEAT PUMP Power Supply : 220V/440V/1Ph/3Ph/50Hz , Tank, Compressor, Heating Element, Sound Level : <50 dB Refrigerant Type : R410a, Outer Body Material : Prepainted Steel, Inner Tank Material : Glass Lined MS Tank, Max Water Pressure : 0.8 Mpa, Defrosting : Auto, Water Proof Grade : IPX4, Insulation Thickness : PUF - 50mm, Emerson Expansion valve. Hot Water Circulation pump. with Multi-function digital control panel. Max. Temp. 60 C. Operating ambient condition -5 c to 45 c. 50 db a low noise level. complete with all required accessories to complete the job with Valves & Piping. a) Capacity of 300 LPH	1.00	Ea.	0.00	0.00
187	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	12.00	Each	0.00	0.00
188	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	8.00	Each	0.00	0.00
189	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	8.00	Each	0.00	0.00
190	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 50mm dia.	6.00	Each	0.00	0.00
191	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 65mm dia.	3.00	Each	0.00	0.00
192	Supply, installation, testing and commissioning of gunmetal, male or female threaded isolation control valve (Butterfly Valve), confirming to latest IS , PN 10.0, with necessary specials, union, nipples etc., to complete the job. (Audco/Lehry/ R.B./zoloto). 65mm dia.	4.00	Each	0.00	0.00
193	Supplying, fitting and fixing Non return valve (Spring type Dual plate type) as per API 594/598 , tested to 10 kg/sq.cm etc. complete. (// Audco/Lehry/ R.B./ Spirex). 40mm dia.	5.00	Each	0.00	0.00
194	Supplying, fitting and fixing Non return valve (Spring type Dual plate type) as per API 594/598 , tested to 10 kg/sq.cm etc. complete. (// Audco/Lehry/ R.B./ Spirex). 50mm dia.	4.00	Each	0.00	0.00
195	Supplying, fitting and fixing Non return valve (Spring type Dual plate type) as per API 594/598 , tested to 10 kg/sq.cm etc. complete. (// Audco/Lehry/ R.B./ Spirex). 65mm dia.	2.00	Each	0.00	0.00
196	Supply, Installation, Testing and Commissioning of 25 mm dia. air release valve. (// Audco/Lehry/ R.B./ Spirex)	4.00	Each	0.00	0.00
197	Providing and fixing mosquito proof stainless steel overflow grating for tanks.(//Audco/Lehry/ R.B./ Spirex) 100mm dia.	4.00	Each	0.00	0.00
198	Valve Chambers: Construction of valve chamber brick masonry 230 mm thick wall , inside with 75 second class designation brick work in cement mortar 1:5 (1 cement :5 fine sand) for valve, FRP surface heavy duty chamber cover(600MM X 600MM) with Frame, RCC top slab for valve with chained lid and Rcc top slab 1:2:4 mix (1 cement:2 coarse sand : 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design: (Valve Chamber). Size of 0.75 m x 0.75 m and upto 1.0 m deep for Isolation Valve	5.00	Each	0.00	0.00
199	Supply, installation, Testing and Commissioning of 15mm Nominal diameter Garden Hydrant with gun metal Ball Valve, GI pipe for Flexible hose Connection Provision and all required accessories etc.	10.00	Each	0.00	0.00

200	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	8000.00	litre	0.00	0.00
Total Amount				0.00	0.00
E	Part-5			0.00	0.00
201	Providing & erecting water cooler having storage capacity 150 Ltr. & cooling capacity 150 Ltr.per hour @ an ambient temp of 450 C. The outlet temp. of the water should drop by 150C within a hour, The water cooler should be comprising of hermetically sealed compressor, fan motor, condensing unit, water tank surrounded by evaporating, coil, thermostats, relay etc.complete with necessary inlet & outlet connection. The body of water cooler will be made from Stainless Steel.	3.00	Each	0.00	0.00
202	Supplying & erecting 5 stage single reverse osmosis water purification system with M.S. powder coated frame, prefilter housing with 'O' ring presediment filter GAC filter, carbon filter suitable buster DC pump capacity 80 psi, mention with 40 Osg inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH capacity & erected as directed with one year comprehensive maintenance guarantee. [C] 50 Ltr / Hr with 250 psi 2 nos booster pump	3.00	Each	0.00	0.00
203	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	20.00	Rmt	0.00	0.00
204	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	130.00	Rmt	0.00	0.00
205	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	50.00	Rmt	0.00	0.00
206	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	190.00	Rmt	0.00	0.00
207	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	240.00	Rmt	0.00	0.00
208	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	4.00	each	0.00	0.00
209	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	33.00	each	0.00	0.00
210	EXTERNAL SWR SYSTEM: Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	13.00	Each	0.00	0.00

211	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	20.00	Rmt	0.00	0.00
212	Providing, laying and jointing in true line and level 160 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	310.00	Rmt	0.00	0.00
213	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	10.00	Each	0.00	0.00
214	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	6.00	Each	0.00	0.00
215	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	330.00	Rmt	0.00	0.00
216	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with briocks having croshing strength not less than 35Kg. Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (upto 10 ton)	6.00	Each	0.00	0.00

217	Construction of septic Tank in all types of soil with 40 Cm .thick masonry in CM 1:6, 15 Cm thick C.C bed of 1:5:10, M-15 grade C.C flooring & over stone slab covering ,80 mm thick slab ,jointing of slab in CM 1:3. Ralthal, Kharanja, 50 mm thick stone partition walls, 20 mm thick plaster in CM 1:6 finished with neat floating cement, 4 Nos C.I foot rests of approved design ,two No. 450 mm dia each Ferro cement cover with frame, earth work etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 mtr:- Required size of 3mtr x 2.0 mtr x 3 mtr deep for 500 visitors or As per Architectural Drawings.	2.00	Job	0.00	0.00
218	Construction of Soakage well in all types of soil of approved drawing, top 90 Cm .Portion in 450mm thick masonry with CM 1:6, 80 mm thick stone slab covering, jointing of slab in CM 1:3 ,Ralthal, kharanja 40mm thick M-15 grade C.C flooring, earth work etc . complete including disposal of surplus earth within a lead of 50 mtr . Inner Dia : 3 mtr & 6 mtr deep. or As per Architectural Drawings.	2.00	Job	0.00	0.00
219	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	14.00	Each	0.00	0.00
220	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. (upto 10 ton)	12.00	No.	0.00	0.00
221	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) (upto 10 ton)	8.00	No.	0.00	0.00
222	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	10.00	Rmt	0.00	0.00
223	Providing, laying and jointing in true line and level 160 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	50.00	Rmt	0.00	0.00
224	Providing, laying and jointing in true line and level 200 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	100.00	Rmt	0.00	0.00

225	Providing, laying and jointing in true line and level 250 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	100.00	Rmt	0.00	0.00
226	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	260.00	Rmt	0.00	0.00
227	Construction of Percolation Well with all required connections as per detailed design 3mtr dia X 4 mtr liquid depth+ invert Level) for catch basin with FRP Heavy duty manhole cover and overflow connection to the nearest drain.	1.00	Each	0.00	0.00
228	Constructing Grit/ Silt chamber in brick masonry with cement mortar 1:4, waterproof cement plastering 12mm thick for inside and outside using waterproofing compound, CC 1:4:8 bedding with 1:2 smooth finishing inside with chamfering, RCC M-20 slab in M 20 using black trap, san and cement with 150mm thick RCC slab and providing and fixing medium type FRP manhole cover and farm etc. comp.Scope shall also including required gravel, sand etc. complete the job as per details drawing. (Size 2000 x 2000 x 1200mm (liquid depth) +IL.	1.00	Each	0.00	0.00
229	Supply installation, testing and commissioning of dometic water treatment plant comprising of Multigrade sand filter and softner Plant accrording to input water quality/analysis. softner plant consisting of FRP tank, filter media, resins, brine tank, piping, isolation valves, instruments supports. The scope shall include interconnection piping, valves, instruments, autoback wash arrangement, Brine preparation tank & agitator platform (Make: FRP), 1 nos. Agitator require capacity and Ventury etc. complete the job .Scope shall also includes training for operation of staff. (Ion Exchange, Pentair, Tharmax, Power H2o Make) Inlet Flow Range : 1 CMT/ Hr. Input Water Hardness : - (as per water test report) Output Water Hardness : < 50 PPM. Considered opeartion Hours 10 Hours. MULTI- GRADE PRESSURE SAND FILTER: Quantity : 1 nos. M.O.C. : FRP , Flow Rate : 10cum/hr , Filtration Rate: 3 cum/sqmt/hr , Filter Media : Silica, Pables, Gravels And Quartz Sand , Size : As per Vendor , Type of Unit : Vertical Cylindrical , Working Pressure Kg/cm2 : 2.5 , interconnection Piping: CPVC SCH 80 , Accessories & Instruments : 1. Pressure gage : at inlet & outlet WATER SOFTENING UNIT : Quantity : 1 nos. MOC : FRP , Flow Rate : 10 cum/hr , Filtration Rate: As per Vendor Size : As per Vendor Regeneration : Manual , Regeneration Media (NaCL) : Saturated Salt Brine , OBR: As per Vendor (Total Demand: 100 KLD) , Salt Preparation Tank Capacity: As per Vendor , interconnection Piping: CPVC SCH 80 , Accessories & Instruments : 1. Pressure gage : at inlet & outlet , BRINE PREPARATION TANK & Agitator Platform , Matterial of Construction : MSFRP , Tank capacity : As per Vendor. , Agitator Platform : MSFRP , Agitator and Ventury , Agitator : To be mounted on MS FRP platform of Brine Tank , Agitator Motor: As per Vendor , Agitator Moc : FRP Regeneration : Ventury (As per vendor Design)	1.00	Job	0.00	0.00

<p>230</p>	<p>Supply, Installation, Testing And Commissioning Of Compact Self Contained Skid Mounted Level controlled Tank filling system As Follows: a. Submersible Pumps/ In-line, vertical multistage, centrifugal with SS-304 casing and impeller and SS-316 shaft, CI base & head TEFC motor (with mechanical seal) (Vendor to submit performance curves and technical catalog of the proposed model for review & information) The pump shall be selected for performance at best efficiency point. However, the pump selection shall be suitable for performance with set point @ + 20% of the rated head with complete set of starter Control panel, Level Sensor, cabling, piping, connection inside UGWT with Header, Valves, NRV, etc & All necessary accessories, to complete the job. (Set shall include both working & Standby Pumps)</p> <p>DOMESTIC UGWT TO OHWT FEED PUMP: Capacity per pump - 200 LPM 1 Set = 2 Nos. Pump (1 Working + 1 Standby - cascade operation) Total Capacity of System: 400 LPM Head - 60 mtr Location - Submersible Pump at UGWT. Suction head - Positive Suction</p>	<p>1.00</p>	<p>Each</p>	<p>0.00</p>	<p>0.00</p>
<p>231</p>	<p>Supply, Installation, Testing And Commissioning Of Compact Self Contained Skid Mounted Level controlled Tank filling system As Follows: a. Submersible Pumps/ In-line, vertical multistage, centrifugal with SS-304 casing and impeller and SS-316 shaft, CI base & head TEFC motor (with mechanical seal) (Vendor to submit performance curves and technical catalog of the proposed model for review & information) The pump shall be selected for performance at best efficiency point. However, the pump selection shall be suitable for performance with set point @ + 20% of the rated head with complete set of starter Control panel, Level Sensor, cabling, piping, connection inside UGWT with Header, Valves, NRV, etc & All necessary accessories, to complete the job. (Set shall include both working & Standby Pumps)</p> <p>BOOSTER PRESSURE PUMP - TERRACE Capacity per pump - 100 LPM 1 Set = 2 Nos. Pump (1 Working + 1 Standby - cascade operation) Total Capacity of System: 200 LPM Head - 20 mtr Location - At Terrace near OHWT with Pressure Tank - 200 Litres. Suction head - Positive Suction</p>	<p>2.00</p>	<p>Each</p>	<p>0.00</p>	<p>0.00</p>

232	<p>Supply, Installation, Testing And Commissioning Of Compact Self Contained Skid Mounted Level controlled Tank filling system As Follows: a. Submersible Pumps/ In-line, vertical multistage, centrifugal with SS-304 casing and impeller and SS-316 shaft, CI base & head TEFC motor (with mechanical seal) (Vendor to submit performance curves and technical catalog of the proposed model for review & information) The pump shall be selected for performance at best efficiency point. However, the pump selection shall be suitable for performance with set point @ + 20% of the rated head with complete set of starter Control panel, Level Sensor, cabling, piping, connection inside UGWT with Header, Valves, NRV, etc & All necessary accessories, to complete the job. (Set shall include both working & Standby Pumps)</p> <p>WTP FEED PUMP: Capacity per pump - 10 CMT/ Hr 1 Set = 2 Nos. Pump (1 Working + 1 Standby - cascade operation) Total Capacity of System: 20 CMT/ Hr Head - 30 mtr Location - Submersible Pump at UGWT. Suction head - Positive Suction</p>	1.00	Each	0.00	0.00
233	<p>ELECTRICAL: Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories CAT III</p>	550.00	Pt	0.00	0.00
234	<p>Point wiring for secondary light point with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling, complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC box covered with 3 mm thick PC(Polycarbonet) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories</p>	219.00	Pt	0.00	0.00
235	<p>Point wiring for Two Way Controlled Light Point with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of .ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling ,complete with 6A Modular type switches and following type of accessories erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary batten/angle holder or ceiling rose or H.D.Connector as directed CATIII</p>	35.00	Pt	0.00	0.00

236	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately mounted and accessories with earth continuity of following type erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories.CAT III	68.00	Nos	0.00	0.00
237	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories. CAT III	91.00	Nos	0.00	0.00
238	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (23)USB Charger with output of 5 V DC,2.1 A with inbuilt surge protection. Cat-III	52.00	Ea	0.00	0.00
239	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. For 6A Plug with 2-1.5 sq.mm Cu. Wire with medium class Rigid PVC pipe and accessories CAT III	132.00	Pt	0.00	0.00
240	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[III] For 16A Plug with 2-2.5 sq.mm Cu. Wire (a) with medium class Rigid PVC pipe and accessories.CAT-III	26.00	Pt	0.00	0.00
241	Point wiring for Individual Plug with & earthwire of 2.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[III] For 16A Plug with 2-4 sq.mm Cu. Wire (a) with medium class Rigid PVC pipe and accessories.CAT-III	7.00	Pt	0.00	0.00
242	Providing & erecting Switch board for Computer or electric apparatus consisting of following items in single board erected on PVC / Metal board with 3 mm thick PC (Polycarbonate) / Acrylic sheet erected as directed for [B] modular type accessories 1 no. 6A/16A universal plug-switch combined. CATIII 3 nos. 6A Switch 3 nos. 6A 5 pin Plug	43.00	Ea	0.00	0.00
243	MAINS WIRING AND CONDUIT: Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessories (a) 2 wire 1.5 sq. mm	1080.00	Mtr	0.00	0.00

244	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessories (B) 2 wire 2.5 sq. mm	4400.00	Mtr	0.00	0.00
245	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size. (a) with medium class Rigid PVC pipe and accessories (A) 2 wire 4 sq. mm	850.00	Mtr	0.00	0.00
246	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (b) 25 mm	4400.00	Mtr.	0.00	0.00
247	Providing & erecting Approved make Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C.50 Hz 1200 mm sweep complete having 3 blades aluminium body and blade sets having ornamental design shanks , canopy & 30 cms. down rod erected with 24/0.2, 3 core flexible wire with earthing. [Make shall be approved by Engineer in Charge]	68.00	Nos	0.00	0.00
248	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	68.00	Nos	0.00	0.00
249	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with necessary 24/ O.20, 3 core flexible wire with earthing.	68.00	Mtr	0.00	0.00
250	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	68.00	Nos	0.00	0.00
Total Amount				0.00	0.00
F	Part-6			0.00	0.00
251	Supplying & erecting approved make low noise decorative Exhaust fan having size 200mm with 1350 RPM with square frame ABS body with inbuilt lowers & square frame.	17.00	Nos	0.00	0.00
252	Supplying & erecting Electronic Type Cordless Call Bell erected on PVC/Metal board having portable bell push working on D.C. & bell on 230V A.C. supply with cells / battery	17.00	Ea	0.00	0.00
253	Supplying & erecting Approved make call bell indicator with buzzing sound and Red light indicating lamp with Red light button to attend the call suitable for 240 v 50 c/s supply to be erected.	17.00	Ea	0.00	0.00
254	DISTRIBUTION BOXES: Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) (F) Single phase 6 way SS Double door	6.00	Each	0.00	0.00
255	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) (F) Single phase 8 way SS Double door	8.00	Each	0.00	0.00

256	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs. (The DBs should be used of same company of MCB to be used) suitable for. (A) single phase incoming and horizontal single phase outgoing. (iv) Single phase 12 way SS Double door	4.00	Each	0.00	0.00
257	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs N) Three phase 8 way SS Double door for horizontal single phase outgoing	3.00	Ea	0.00	0.00
258	MINIATURE CIRCUIT BREAKER: providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	166.00	EA	0.00	0.00
259	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp. Cat.III	20.00	Ea	0.00	0.00
260	Providing & erecting 415V MCB Four Pole Switch for Lighting Load (B curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)40 Amp. Cat.III	18.00	Ea	0.00	0.00
261	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity C) 63 Amp. CAT-III	10.00	Ea	0.00	0.00
262	ELCB: Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 25 Amps.DP Cat. III	23.00	Ea	0.00	0.00
263	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 40 Amps.DP Cat. III	12.00	Ea	0.00	0.00
264	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 63 Amps.DP Cat. III	3.00	Ea	0.00	0.00

265	<p>LT PANELS AND ACCESSORIES.: Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size. (B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory (iii)with 750 mm. Depth</p>	10.00	Sq.Mtr	0.00	0.00
266	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board having IP-64 protection made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary supporting angles, flats including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, with suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size. (A) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory and shall be certified by that company whose switch gears are used after fabrication for beneficial use and having Logo on the Panel (ii) with 550 mm. Depth</p>	9.00	SQMT	0.00	0.00
267	<p>Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections. (A) Suitable for 100 Amp. Capacity</p>	4.00	Ru Mtr	0.00	0.00
268	<p>Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections(B) Suitable for 200 Amp. Capacity</p>	4.00	Ru Mtr	0.00	0.00

269	Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections (C) Suitable for 300 Amp. Capacity	2.00	Ru Mtr	0.00	0.00
270	Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections (D) Suitable for 400 Amp. Capacity	3.00	Ru Mtr	0.00	0.00
271	Supplying and erecting approved make panel mounting type Digital Voltmeter having 3 digits LED display, 0 to 750 AC Volts range erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.	6.00	Each	0.00	0.00
272	Supplying and erecting approved make panel mounting type Digital Ammeter having 3 digits LED display, external CT operated, calibrated for 0 to 1000 Amps suitable to operate on 500 Volt AC , erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.	6.00	Each	0.00	0.00
273	Supplying and erecting Ammeter / Voltmeter selector switch for 3 phase AC Supply 500 V on existing panel board with necessary connections.	12.00	Each	0.00	0.00
274	Providing & erecting L.T. Current Transformer with bar primary 50/5 to 1000/5 ratio 15 VA burden erected in existing CRCA box duly secured with insulating materials connected to the meter	18.00	Each	0.00	0.00
275	Supplying and erecting approved make set of indicator lamps of LED type lamp, lens cover, Bakelite holder complete erected with necessary connections.	36.00	Each	0.00	0.00
276	Providing , erecting , fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete.	180.00	Kg.	0.00	0.00
277	Supplying & erecting approved make Four Pole 415V change over switch interior for panel mounting with operating mechanism A.C.23 duty confirming to IS for (C)100-125A Cat-III	3.00	Each	0.00	0.00
278	Supplying & erecting approved make Four Pole 415V change over switch interior for panel mounting with operating mechanism A.C.23 duty confirming to IS for (D)200A Cat-III	2.00	Each	0.00	0.00
279	providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A . with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	6.00	Each	0.00	0.00
280	providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V. having Normal current rating 200A .with variable Thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S.housing. ICS=100% of ICU only Cat III	6.00	Each	0.00	0.00

281	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 50 KA and above at 415 V having Normal current rating 400A. with variable Thermal & magnetic release suitable to work on A.C.supply 50 c/s. With all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	3.00	Each	0.00	0.00
282	LT CABLES : Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (J) 3 1/2 core 300 Sq.mm (150 Sq. mm 1/2 core)	50.00	Mtr	0.00	0.00
283	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (H) 3 1/2 core 185 Sq. mm (95 Sq. mm 1/2 core)	430.00	Mtr	0.00	0.00
284	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (D) 3 1/2 core 70 Sq. mm (35 Sq. mm 1/2 core)	50.00	Mtr	0.00	0.00
285	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 50 Sq. mm (25 Sq.1/2 mm core)	50.00	Mtr	0.00	0.00
286	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (B) 3 1/2 core 35 Sq. mm (16 Sq. mm 1/2 core)	170.00	Mtr	0.00	0.00
287	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables. A)4 core 16 Sq. mm	1340.00	Mtr	0.00	0.00
288	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables C)4 core 10 Sq. mm	200.00	Mtr	0.00	0.00
289	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cable. (C) 3 core 6 Sq. mm	860.00	MTR	0.00	0.00
290	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cable. (B) 3 core 4 Sq. mm	280.00	MTR	0.00	0.00
291	CABLE GLAND: Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated a rmoured cable complete with out going tails, insulating tape etc for following size of cables.(I) 3 & 1/2 core 300 Sq. mm	2.00	EA	0.00	0.00
292	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated a rmoured cable complete with out going tails, insulating tape etc for following size of cables.(G) 3 & 1/2 core 185 Sq. mm	6.00	EA	0.00	0.00
293	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (C) 3 & 1/2 core 70 Sq. mm	2.00	EA	0.00	0.00

294	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (B) 3 & 1/2 core 35/50 Sq. mm	4.00	EA	0.00	0.00
295	Providing and fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. D) 2 to 4 core 16 Sq. mm	12.00	Ea	0.00	0.00
296	Providing and fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. C) 2 to 4 core 10 Sq. mm	8.00	Ea	0.00	0.00
297	Providing and fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. B) 2 to 4 core 6 Sq. mm	38.00	Ea	0.00	0.00
298	CABLE LUG: Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (K) 300 Sq.mm.	42.00	Ea	0.00	0.00
299	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (I) 185 Sq.mm.	50.00	Ea	0.00	0.00
300	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (E) 70 Sq.mm.	8.00	Ea	0.00	0.00
	Total Amount			0.00	0.00
G	Part-7			0.00	0.00
301	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (D) 35/50 Sq.mm.	24.00	Ea	0.00	0.00
302	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. C)16 Sq. mm	12.00	Ea	0.00	0.00
303	Solder less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (B) 6 Sq.mm	8.00	Ea	0.00	0.00
304	Solder less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (A) 1.5/2.5 to 6 Sq.mm	108.00	Ea	0.00	0.00

305	EARTHING: Supplying & erecting in earthpit of minimum bore dia. 225mm size ASH or approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications. [B] For electrical installation up to 440 V Length of Pipe - 2 Mtr Back filling compound - 1 Nos. of Bag of 15 Kgs.	26.00	Nos	0.00	0.00
306	Providing and erecting required size Copper strip for earthing of H.T. OCB / ACB/ Transformer, LT panel board, Motors etc. using copper clamp.	100.00	KG	0.00	0.00
307	Providing and erecting required size HOT deep Galvanised iron strip for earthing of H.T. , OCB/ ACB/ Transformer LT panel board, Motors etc. using proper clamp.	220.00	KG	0.00	0.00
308	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	120.00	KG	0.00	0.00
309	Providing and erecting HOT deep Galvanised iron strip wire 8 to 16 SWG.	100.00	KG	0.00	0.00
310	UPS: Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger, static Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V,50 Hz Ac with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup.with MS painted batteries stand, 10% Overload capacity for momentary load.(A) 1 KVA with 1Hr Backup	1.00	EA	0.00	0.00
311	Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger, static Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V,50 Hz Ac with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup.with MS painted batteries stand, 10% Overload capacity for momentary load.(C) 3 KVA with 1Hr Backup	1.00	EA	0.00	0.00
312	Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger, static Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V,50 Hz Ac with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup.with MS painted batteries stand, 10% Overload capacity for momentary load.(D) 5 KVA with 1Hr Backup	1.00	EA	0.00	0.00
313	Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger, static Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V,50 Hz Ac with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup.with MS painted batteries stand, 10% Overload capacity for momentary load.(E) 10 KVA 3 - phase with 1Hr Backup	1.00	EA	0.00	0.00
314	CABLE TRAY: Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized CR sheet steel. The cable tray should be bended as per IS 2062/1079 . with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..100 X 50 X 1.5 mm Thick	80.00	RMT	0.00	0.00

315	Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized CR sheet steel. The cable tray should be bended as per IS 2062/1079 . with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..150 X 50 X 1.5 mm Thick	190.00	RMT	0.00	0.00
316	Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized CR sheet steel. The cable tray should be bended as per IS 2062/1079 . with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge.300 X 50 X 1.5 mm Thick	55.00	RMT	0.00	0.00
317	Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized CR sheet steel. The cable tray should be bended as per IS 2062/1079 . with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge. (7) 600 X 50 X 1.5 mm Thick	70.00	RMT	0.00	0.00
318	Providing and fixing approved make '90° Elbow' for Perforated C type cable tray. Made from pre galvanized CR sheet steel. The Junction should be bended as per IS 2062/1079. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(b)90° Elbow (3) 150 X 50 X 1.6 mm Thick 90° Elbow	10.00	EA	0.00	0.00
319	Providing and fixing approved make '90° Elbow' for Perforated C type cable tray. Made from pre galvanized CR sheet steel. The Junction should be bended as per IS 2062/1079. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(b)90° Elbow (5)300 X 50 X 2.0 mm Thick 90° Elbow	10.00	EA	0.00	0.00
320	Providing and fixing approved make '90° Elbow' for Perforated C type cable tray. Made from pre galvanized CR sheet steel. The Junction should be bended as per IS 2062/1079. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(b)90° Elbow (7) 600 X 50 X 2.0 mm Thick 90° Elbow	10.00	EA	0.00	0.00
321	FLOOR RACEWAY & PIPES: Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,Junction Box,Joins as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III [10] 150mm x 38mm x 1.6mm with Three Compartments	100.00	Mtr	0.00	0.00
322	FLOOR RACEWAY & PIPES: Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,Junction Box,Joins as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III [11] 225mm x 38mm x 1.6mm with Three Compartments	20.00	Mtr	0.00	0.00
323	FLOOR RACEWAY & PIPES: Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,Junction Box,Joins as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III [12] 250mm x 38mm x 1.6mm with Three Compartments	50.00	Mtr	0.00	0.00

324	FLOOR RACEWAY & PIPES: Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories, Junction Box, Joints as required and demanded by engineer-in-charge and laying/erecting as per OEM guidelines and as per instruction of engineer in-charge having following size of dimensions and No of compartments (W x D x T) Cat-III [13] 300mm x 38mm x 1.6 mm with Three Compartments	30.00	Mtr	0.00	0.00
325	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (B)63mm outer dia	450.00	Mtr.	0.00	0.00
326	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (C) 90 mm outer dia	150.00	Mtr.	0.00	0.00
327	Providing & laying. R.C.C. Hume pipe for cable to be laid 90 cm. below ground across the road crossing or on floor with necessary material in an approved manner and making the ground as per original. (E)150 mm dia	350.00	Mtr.	0.00	0.00
328	Providing & laying. R.C.C. Hume pipe for cable to be laid 90 cm. below ground across the road crossing or on floor with necessary material in an approved manner and making the ground as per original. (C) 300 mm dia	400.00	Mtr.	0.00	0.00
329	Making trench in soft soil of suitable width of 90 cm deep for laying cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	300.00	Mtr	0.00	0.00
330	Covering of cable with second class bricks or cement tiles laid cover the cable crosswise & also on both sides with covering of 7.5 Cm. layer of sand above & below cable (16 bricks per meter)	10.00	Mtr	0.00	0.00
331	Providing and erecting iron clad cable route marker duly marked with ELE.CABLE of size 23 cm.X 12 cm. Flushed with ground in cement foundation as directed by Engineer in charge.	10.00	Ea	0.00	0.00
332	HT Connection: Providing, erecting, testing & commissioning approved make oil immersed ONAN cooled, double wound, core type indoor / outdoor copper wound 11KV/ 433V step down transformer of following capacities operating on 3 phase, 50 Hz 4 wire & neutral earthed system continuously rated for a full temperature rise in oil not exceeding 45 Deg.C.at maximum ambient temp. of 50 Deg. C. complete with necessary radiator first filling of new transformer oil & standard fitting as below complying with IS 1180(Part 1):2014 standards with energy efficiency level 2 , Off load tap changing range steps +2.5% to -5% on H.V for variation should be provided. The H.V. shall be connected Delta & Secondary with star connection. The transformer should have cable-end boxes on H.T. side suitable for up to 3 core 150 sq.mm. XLPE cable & on L.T. side suitable for bus duct or cables as per requirement complete with test certificates from manufacturers , 1. Oil conservator with filling Hole & Cap - One No. , 2. Thermometer pocket with 6" dial type thermometer switch alarm & trip contacts- Two nos. , 3. Silica-gel breather with charge- One No. , 4. Plain oil level gauge - One No. , 5. Drain / Sampling / Filter valve- One No. , 6. Top Filter Valve - One No. , 7. Explosion vent with Diaphragm - One No. , 8. Rating & Diagram plate - One No. , 9. Additional neutral bushing for earthing - One No. , 10. Bi directional Roller - Four	1.00	Ea.	0.00	0.00

333	<p>Providing, installing & commissioning & getting Plan Approval as well as NOC from Electrical Inspector for draw out type 11 KV indoor extensible type totally enclosed, single busher floor mounting metal clad 400A. vacuum tube circuit breaker confirming to IS: 2516 (Part- I & 11, Sec.1) 'for use on 11 KV, 3 phase, 50 c/s. unearthed A.C. supply system having breaking / rupturing capacity of 350 MVA complete with spring operated mechanism, mechanically ON-OFF and spring mechanism charged, discharged indicators, ON-OFF mechanical push button, operation counters necessary auxiliary switches, closing shunt trip, air insulated busbar chamber having heat shrinkable PVC sleeves, mechanical interlocks safety shutters, isolating plugs and a VCB trolley with three vacuum interrupters with epoxy support insulators and self aligning finger type isolating contacts. The breaker shall be Manual cum motorised mechanism with following accessories. 1. 144 mm. square flush mounting type digital multifunctional meter with communication facility , 2. Power Factor Meter One No , 3. Double core current transformer cast resin type having ratio 200 to 50/1 core for metering & second core for protection having required class of accuracy. , 4. Instantaneous under voltage relay - & Temperature rise Tripping Relay , 5. Electrical closing coil & short trip coil operating on 110V. D.C.- , 6. Auxiliary relay for anti pumping device , 7. Three phase Three limb Drawout type feeder connected & output of 200 VA cast resin insulated potential transformer having ratio 12000V./110V. and 200 VA Burdon with 0.5 accuracy. , 8. Common Alarm bell operating on 110V A.C.- One No. , 9.Digital KWH Meter - One No. , 10. Cable boxes suitable up to 11 KV 3core 150 sq.mm XLPE cable. , 11. 230V. A.C. to 110V. D.C. power pack for closing & tripping circuit common.. (for each VCB) , 12.Breaker ON-OFF, Auto trip and spring charged indicators , 13.Phase indicating & panel illumination lamps with plug socket , 14.Numerical Communicable type non directional O/C & E/F Relay with a setting of 5-250% both in O/C & E/F. , complete with necessary interconnection with air insulated high grade copper busbar {Breaker Testing scope include Closing Time, Opening Time, VCB Hi-Pot test at Site}{ Relay Testing Scope Include testing of all protection by three phase testing kit at site }(VCB Trolley is to be provided)</p>	1.00	Nos	0.00	0.00
334	<p>Providing, and erecting 11 KV D.P. 9 mtr. high Structure made of 6" x 3" 'I'-Section Girder, 4" x 2"channels, clamps, nuts, bolts etc. Suitable for erection of the followings duly connected with necessary ACSR conductors. as per drawing approved by the Engineer- in charge complete with following. Height as per IS 7 Mtr above ground) , (A) 11 KV 200 Amps Drop out fuses with S.R.B.P. tubes carries.-Three nos , (B) 11 KV G.O.D. switch complete with insulators, operating handle with galvanised pipe, Sq.bar etc. 400 Amp.- One Set , (C) 11 KV lightning arrestor with clamp- Three Nos. , (D) 11 KV shackle insulators- Six Nos. , (E) The above D.P. structure should be earthed with 25 mm.X 3 mm thick double copper earth strips run separately and connected with separate copper plate earth electrode.</p>	1.00	Ea.	0.00	0.00
335	<p>Providing and erecting ISI Marked 3core 240 Sq.mm XLPE insulated 11 KV armoured cable Aluminium conductor IS-7098 to be laid on wall with clamps or in provided cable trench / pipe approved manner as directed.</p>	50.00	Mtr	0.00	0.00
336	<p>Supplying and erecting high tension cable end box outdoor type suitable. for 11 KV 240Sq.mm 3core H.T. cable complete with gland bushing and jointing material.</p>	4.00	Ea.	0.00	0.00

337	Design, Supplying, installing, testing of factory fabricated ready made Three phase APFC Panel Cubical Panel fabrication should be type tested as per IEC 61921, 61439:1&2 Capacitor Duty Contactor for switching as per following Steps Incomer Switch of MCCB type Icu=Ics=50KA at 400/440 Volts, with OC, SC, internal earth fault protection Incomer Switch of MCCB type Icu=Ics=50KA at 400/440 Volts, with OC, SC, internal earth fault protection,Copper tinned insulated Busbar,Cubical panel should be indoor type with IP 43 and IK 10,Metalized polypropylene film tye3-phase 550Volt Capacitor,De tuning Reactor for each capacitor,Panel having Short Circuit and Overload protection,Each step Capacitor having suitable MCB with Sc, OL, internal earth fault relay,Each stage having Stage Contactor (Capacitor load rating),PF regulator master controller having suitable steps with LCD display, Rs 485 Communication port, Indication LED Lamps for main incomer and ON-OFF for each capacitor bank,MS Chanel for Floor mounting, Cable entry as per site (D)125KVAR	1.00	Ea.	0.00	0.00
338	Supplying and erecting, commissioning and testing of Diesel Generating set confirming to IS: 4722:1968 & BS:5514 having continuous rating, 3 phase, 415 volts, 50 cycles A.C. supply comprising of a totally enclosed air/water cooled diesel engine with multi-cylinders developing suitable BHP not less than following capacity at 1500 RPM with 10% overload for one hour in 24 hours with standard accessories like fly wheel, lubricating oil cooler, "A" class governor, heavy duty fuel wheel and lubricating oil filter, oil bath air filler, lubricating oil pressure gauge, end exhaust manifold, standard set of tools with adjustable spanners, screw drivers, cylinder head to cover, joint cylinder head to exhaust, element lube oil filter, 12 / 24 volts electric starting equipment complete with standard heavy duty battery, dynamo, cut-outs, ammeter, necessary wiring, pressure gauge, starter etc and heavy duty Residential type exhaust silencer and vertical hot air duct both indicator lamps duly wired with HRC fuses. The alternator & control panel shall be connected with provided suitable capacity armoured cable and complete with Acoustic enclosure (canopy) made out of 16 SWG CRCA Sheet, sound absorbing material Rockwool of 64 density & 100 mm thick conforming to IS:8183 / PU Foam of 40 Density - at least 40 mm. The resin bonded rockwool	1.00	Each	0.00	0.00
339	Providing & erecting approved make AMF control panel suitable for following size of 3 phase, 415 V., 50 cycles, A.C. diesel generating set complete of scope as detailed below: 1) Power module: A pair of electromechanically interlocked contactors (for mains & generator) Overload relay for generator contactor Neutral contactor for mains and generator Power socket for connections. 2) Control and metering module: Line voltage monitor. Generator voltage monitor Ammeter 3 items attempt start facility. Air circuit breakers/MCB/MCCB of suitable rating for auto/manual operation. Auto/manual switch. Emergency stop push buttons. Manual start push button. frequency meter. Engine hour meter. Two earthing studs. , 3) Protection module: The engine shutdown in the unlikely event of Low lube oil pressure High cylinder head temperature. V belt failure. 4) Indicators with alarm Load on generator. 5) Indicators Load on mains Engine fails to start . Emergency stop battery charger. The AMF Panel of following capacity -(D) AMF Control Panel for200 KVA/250 KVA3 phase DG Set	1.00	Each	0.00	0.00

340	<p>LIGHT FIXTURE: "Supply Installation Testing Commissioning of Indoor deep Recessed Round downlight 12-15W Recess Mounted Round backlit downlighter with below features</p> <ol style="list-style-type: none"> 1. Pressure die cast Aluminum alloy housing for better thermal conductivity. 2. PS diffuser for optimum light transmission. Round Version. 3. Efficacy of Fixture more then or equal to 85 Lumens /watt Available with 5700K, 4000K & 3000K CCT. 4. CRI>80 High efficiency Mettalic driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD 5. LED life of more then 35000 Hrs @ L70. <p>TISVA LIGHTING (USHA INTERNATIONAL LTD) recess mounted die cast downlight VITO 13w DLP13W4K11 Equalant in LIGHTING TECHNOLOGIES/ENDO/LIGMAN"</p>	201.00	EACH	0.00	0.00
341	<p>Supply Installation Testing Commissioning of Indoor Recessed round downlight 15-18W Recess Mounted round backlit downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity.</p> <ol style="list-style-type: none"> 1. Powder coated using Nano technology for longer durability. 2. PS diffuser for optimum light transmission. Round Version. 3. Efficacy of Fixture 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. 4. CRI>80 High efficiency Mettalic driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD 5. Certifice life of fixture LED life of 50000 Hrs @ L70 . 6. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, 7. Surge : IEC 61000-4-5, EMC : EN 55015 The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 8. Have their own driver Manufacturing Facility. 9. Have their own NABL accredited lab 10. Fixture color options Ebony Black , silver ,Terracota .Light Colors 5700 deg K, 4000 deg K, 3000 deg K <p>Lighting technologies DLCR 18w D/L Equalant in ENDO/TISVA</p>	89.00	EACH	0.00	0.00

342	<p>Supply Installation Testing Commissioning of Indoor Recessed round downlight 10-12W Recess Mounted round backlit downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity.</p> <ol style="list-style-type: none"> 1. Powder coated using Nano technology for longer durability. 2. PS diffuser for optimum light transmission. Round Version. 3. Efficacy of Fixture 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. 4. CRI>80 High efficiency Mettalic driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD 5. Certifice life of fixture LED life of 50000 Hrs @ L70 . 6. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, 7. Surge : IEC 61000-4-5, EMC : EN 55015 The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 8. Have their own driver Manufacturing Facility. 9. Have their own NABL accredited lab 10. Fixture color options Ebony Black , silver ,Terracota .Light Colors 5700 deg K, 4000 deg K, 3000 deg K <p>Lighting technologies DLCR 12w D/L Equalant in ENDO/TISVA</p>	41.00	EACH	0.00	0.00
343	<p>Supply Installation Testing Commissioning of Indoor Office Lighting 9-10 Recess Mounted Spotlight downlighter with below features</p> <p>Pressure die cast Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission. Efficacy of Fixture above 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD. Tilttable. LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Lighting Technologies Intenso Min 9w. or Equalant in ENDO/LIGMAN</p>	90.00	EACH	0.00	0.00

344	<p>Supply Installation Testing Commissioning of Indoor cove mounted customized 18X18mm corner 45degree customized Extruded Aluminium alloy Housing and polycarbonate diffuser profile for continous decorative illumination Anodised aluminium end caps firmly fixed on the aluminium extrusion Silver anodised finish for elegant look . Efficacy of Fixture >=100 Lumens/Watt suitable for self adhesive Strips with driver. Wattage should be 12=15w/m. Should have a dotless continous effect. Should be operated using remote driver of 24V Dc kept at suitable locations for future maintainance. Quantity in metres Lighting technologies maze 15w/m led strip set or Equalant in ENDO/LIGMAN</p>	83.00	EACH	0.00	0.00
345	<p>Supply Installation Testing Commissioning of decorative indirect wall light longer then 600mm 24-30w with below features Colour : steel, black, white / plastic, satined Dimmenssions: L 620, H 80, A 90 Wattage: 26-30w Output < 2500Lms Fixture should be more the IP44 rated EGLO make 99691 SANIA 5 or equilant in Lighting technologies/ENDO/LIGMAN</p>	13.00	EACH	0.00	0.00
346	<p>"Supply Installation Testing Commissioning of Indoor deep Recessed Round downlight 3w Recess Mounted Round backlit downlighter with below features 1. Pressure die cast Aluminum alloy housing for better thermal conductivity. 2. COB Lens. 3. Efficacy of Fixture more then or equal to 85 Lumens /watt Available with 5700K, 4000K & 3000K CCT. 4. CRI>80 High efficiency Mettalic driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <10% THD 5. LED life of more then 35000 Hrs @ L70. TISVA LIGHTING (USHA INTERNATIONAL LTD) recess mounted die cast Cob Spot ORRIN 3w Equalant in LIGHTING TECHNOLOGIES/ENDO/LIGMAN"</p>	77.00	EACH	0.00	0.00

347	<p>Supply Installation Testing Commissioning of IP 65 40w Linear Batten with dissued lens for better distrubution with CCT of 4000k to be mounted in niche provided. Fixture should not be more than 70mm thick.IP-65 Protection with high quality silicon gaskets. Hinging with clear glass / polycarbonate cover with housing provided for easy maintenance. (FOR EXTERNAL LIGHT) 1.Housing made of pressure die cast aluminium with well designed heat sink for rapid heat dissipation 2. PC Injection Moulded Diffuser for high light transmitivity .Fixture Lumen Output should be greater than 100 lumen per watt. 3. Min IP 65 Ingress Protection & IK08 rating for Fixture and IP67 for Driver . 5 . The driver should be easily maintainable from the rear side 6. Fixture should be warrantied for 5yrs for 50,000 hrs @ L70 (LM79 from NABL accredited Lab to be submitted along with Letter from Manufacturer for the Life class claim of L70 @ 50,000 hrs.) 7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 8 . PF >=0.9 and THD <=10 % (Certificate need to be submitted from NABL Accredited lab) 9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 10. . The Fixture should be provided with a suitable cradle for sturdy mounting. 11. Have their own driver Manufacturing Facility. 12. Have their own NABL accredited lab. Llighting Technologies make : Amiot : A04557ID00 or Equalant in ENDO/LIGMAN</p>	12.00	EACH	0.00	0.00
348	<p>Supply Installation Testing Commissioning of Indoor Surface mounted COB type cylinder Light 12W-15w Surface Mounted COB Spotlight downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission. Efficacy of Fixture above 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD. Tilttable. LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Equivalent to Lighting Technologies Intenso Min 15w.or Equalant in ENDO/LIGMAN"</p>	6.00	EACH	0.00	0.00

349	<p>Supply Installation Testing Commissioning of Indoor recess mounted profile light 2400mm 45W-50w 2400MM lighting fixture with below features Fixture output efficacy 4000-4500Lumens. Cut out required 60mm. Extruded Aluminium alloy Housing and polycarbonate diffuser profile for continous decorative illumination Anodised aluminium end caps firmly fixed on the aluminium extrusion Silver anodised finish for elegant look . Efficacy of Fixture >=100 Lumens/Watt suitable for self adhesive HARD PCD LED Strips with driver for Installation/ PCB Mounted solution Available only in PCB option. Should be 4 feet length High end Metallic driver for better life and performance. LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Equivalent to Lighting Technologies Recess Profile or Equalant in ENDO/LIGMAN</p>	31.00	EACH	0.00	0.00
350	<p>Supplying, Installation, testing & erecting of High end 20W UP / Down outdoor Light with Following specifications .(3000 deg warm white) Min IP 54 to ensure fixture is water and dust tight . External separate Silicon encapsulated isolated driver for ensuring better reliability and safety. 10KV/5KVA external surge arrestor. TISVA LIGHTING (USHA INTERNATIONAL LTD) Wall mounted outdoor up & down wall light Equalant in LIGHTING TECHNOLOGIES/ENDO/LIGMAN"</p>	12.00	EACH	0.00	0.00
Total Amount				0.00	0.00
H	Part-8			0.00	0.00

351	<p>Supply, Installation, Testing & Commissioning of Max. 38 W Suspended luminaire with Housing: Extruded aluminium housing fitted with metal end cap suitable for Up/Down light application.</p> <p>Diffuser: Easy fit opal acrylic diffuser provides smooth light distribution, LEDs: Mounted on MCPCB and connected in series parallel combination.100lm/w , PF >=0.95 and THD <=10 % , Surge protection:- 2KV, IP20.</p> <p>Luminaire is available with different colour temperature: White (WH) : 4000K Driver: 1 no., Constant current output driver, operating range 150–275V AC supply voltages.</p> <p>Mounting type: Luminaire is suspended with the help of 2 nos., of suspension system. (1.5 mtr.Length) which comes along with luminaire.</p> <p>The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only)</p> <p>The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company ,Have their own driver Manufacturing Facility, Have their own NABL accredited lab</p> <p>The manufacturer/ authorised Channel partner of the manufacturer has to submit for 5yr free replcement unconditionalGuarantee for complete</p>	3.00	EACH	0.00	0.00
352	<p>Supply Installation Testing Commissioning of decorative recess wall mounted step/foot light 3-9w with below features</p> <p>Colour : steel, nickel, white,black</p> <p>Dimmenssions: 150X300</p> <p>Wattage: 3-9w</p> <p>Output : 200-500Lms</p> <p>Fixture should be more the IP20 rated</p> <p>EGLO make or equilant in TISVA/ Havelles/ Lighting technologies/ENDO/LIGMAN</p>	13.00	EACH	0.00	0.00
353	<p>"Supplying, Installation, testing & erecting of High end 20W Spike Light with Following specifications .</p> <ol style="list-style-type: none"> 1. Housing made of pressure die cast aluminium alloy with corrosion resistance powder coating .Should have both the option of spike as well as fixed base stand for surface mounted option. 2. Specially formulated UV Stabilised Injection molded PC diffuser for high Caliber light transmission, Minimal Glare and Maximum Output. 3. Min IP I66 to ensure fixture is water and dust tight . 4. External separate Silicon encapsulated mettalic isolated driver for ensuring better reliability and safety. 10KV/5KVA external surge arrestor. 6. Fixture should be warrantied for 5 yrs for 50,000 hrs @ L70 7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 8. PF >=0.95 and THD <=15 % (Certificate need to be submitted from NABL Accredited lab) 9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 10. Have their own driver Manufacturing Facility. 11. Have their own NABL accredited lab 12. Fixture should be offered in ebony black color . Light Colors 5700 deg K, 4000 deg K, 3000 deg K , light beam angles , 10 deg , 30 deg and 40 deg. <p>Lighting Technologies CLIMBER 20W Mono Color</p>	1.00	EACH	0.00	0.00

<p>354</p>	<p>Supplying, Installation, testing & erecting of High end 8-10w EXTERNAL Recess/surface mounted Wall step Light with Following specifications .(3000 deg warm white) 1. Housing made of pressure die cast aluminium alloy with corrosion resistance powder coating . 2. Specially formulated UV Stabilised Injection molded PC diffuser for high Caliber light transmission, Minimal Glare and Maximum Output. 3. Min IP I66 to ensure fixture is water and dust tight . 4. Internal separate Silicon encapsulated mettalic isolated driver for ensuring better reliability and safety. 10KV/5KVA external surge arrestor. 6. Fixture should be warrantied for 3yrs for 50,000 hrs @ L70 7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 8. PF >=0.95 and THD <=15 % (Certificate need to be submitted from NABL Accredited lab) 9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 10. Have their own driver Manufacturing Facility. 11. Have their own NABL accredited lab 12. Fixture should be offered in ebony black color . Light Colors 5700 deg K, 4000 deg K, 3000 deg K , light beam angles , 10 deg , 30 deg and 40 deg. 13. Selection of colour / colour temp. / throw of light will be decided by client , consultant, architect. Lighting Technologies Step 10W Warm White .The Fixture Shall wall mounted. (SO1030W3S0)</p>	<p>10.00</p>	<p>EACH</p>	<p>0.00</p>	<p>0.00</p>
<p>355</p>	<p>"1.Supply, Installation, testing & erecting of decorative BOLLARD LIGHT 12-15w 3000k IP65. 2. Linear Rectungalur 600/900 mm bollard .Fixture Lumen Output should be greater than 80 lumen per watt. 3. Min IP 65 Ingress Protection for Fixture and IP65 for Driver . 4. 5. Fixture should be warrantied for 5yrs for 50,000 hrs @ L70 6. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 7. PF >=0.9 and THD <=10 % (Certificate need to be submitted from NABL Accredited lab) 8. 9. . The Fixture should be provided with a suitable cradle for sturdy mounting. 10. Equivalent to TISVA MAKE LB155161 Bollard or equivalent in Lighting Technologies /Endo / Ligman"</p>	<p>20.00</p>	<p>EACH</p>	<p>0.00</p>	<p>0.00</p>

<p>356</p>	<p>Indoor BATTEN Lighting 28W-33w 1200MM Surface mounted TUBE LIGHT/batten with below features Extuded Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission or opiton of Lens Based profile for better task lighting. Option to be selected by Architect / Consultant Efficacy of Fixture 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency Mettalic driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The fitting should be customizable and shapes like X,Y,+ i.e. corss/plus shape can be made using the profiles. FITTING SHOULD HAVE UP & DOWN EFFECT i.e. 30-40% of wattage should be upwards The manufacturer should have their own NABL accredited lab Equivalent to Lighting Technologies INDO BATTEN 28W 4ft OR Equivalent in Endo / Ligman.</p>	<p>4.00</p>	<p>EACH</p>	<p>0.00</p>	<p>0.00</p>
<p>357</p>	<p>Supply Installation Testing Commisioning of 15w-18w Recess Mounted IP54 Spotlight downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission. Efficacy of Fixture above 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD. Tilttable. LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Lighting Technologies Intenso Min OUTDOOR 15w. or Equalant in ENDO/LIGMAN</p>	<p>1.00</p>	<p>EACH</p>	<p>0.00</p>	<p>0.00</p>

358	Supply Installation Testing Commissioning of decorative fabric Floor lamp light 9-15w with below features Colour : steel, satin nickel / fabric, white Dimensions: H 1575, Ø 280, Base: Ø 230 Wattage: 9-15w Output : 900-1500Lms Fixture should be more the IP20 rated EGLO make 95164 PASTERI or equivalent in Lighting technologies/ENDO/LIGMAN	2.00	EACH	0.00	0.00
359	Supplying, Installation, testing & erecting of PROFILE LIGHTING of IP20 12-15w/m Flexible LED strip with Aluminium housing and required accessories with Following specifications for Ceiling/Furniture lighting . 1. Led strip should be IP20 rating and above . 2. Provided with proper Aluminium profile for mounting led strip. 3. Should work on DC current 12V or 24V. 4. Provided with Led driver which should be minimum IP20 rated. 5. Fixture should be warranted for 3yrs for 50,000 hrs @ L70 Approved brand : Eglo/Tisva/Lighting technologies	1.00	EACH	0.00	0.00
360	"Supply Installation Testing Commissioning of decorative fabric pendant suspended lamp light 4-8w with below features Colour : pendant light; steel, Mokka colour, brushed brass Dimensions: H 1100, Ø 135 Wattage: 4-8w Output : 400-800Lms Fixture should be more the IP20 rated EGLO make 98838 LOSALOMAS or equivalent in Lighting technologies/ENDO/LIGMAN "	10.00	EACH	0.00	0.00

361	<p>Supply Installation Testing Commissioning of OUTDOOR Surface mounted COB type cylinder Light 12W-15w Surface Mounted COB Spotlight downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission. Efficacy of Fixture above 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD. Tilttable. LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Equivalent to Lighting Technologies Intenso Min 11P65 5w.or Equalant in ENDO/LIGMAN"</p>	31.00	EACH	0.00	0.00
362	<p>Supply Installation Testing Commissioning of decorative fabric Wall lamp light 9-15w with below features Colour : steel, satin nickel / fabric, white Dimmensions: L 150, H 380, A 195 Wattage: 9-15w Output : 900-1500Lms Fixture should be more the IP20 rated EGLO make 96477 PASTERI or equilant in Lighting technologies/ENDO/LIGMAN</p>	12.00	EACH	0.00	0.00
363	<p>Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt , LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (B) LED Panel Light with provision for Plane front frame with translucent cover fixed to housing complete.IP20 (vi) 36 watts, 24" x 24", Surge- 2KV Cat-III</p>	8.00	EACH	0.00	0.00

364	<p>LIGHT FIXTURE -External Light : Supplying, Installation, testing & erecting of IP65 12-15 watt per metre Flexible LED strip with Aluminium housing and required accessories with Following specifications . (quantity in metre)</p> <ol style="list-style-type: none"> 1. Led strip should be IP65 rating and above . 2. Provided with proper Aluminium profile for mounting led strip. 3. Should work on DC current 12V or 24V. 4. Provided with Led driver which should be minimum IP54 rated. 5. Fixture should be warrantied for 3yrs for 50,000 hrs @ L70 6. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 7. Have their own driver Manufacturing Facility. 8. Have their own NABL accredited lab <p>Lighting Technologies MAZE Strip 10W Warm White .MOX1030W3S0 Equivalent in Endo / Ligman</p>	100.00	EACH	0.00	0.00
365	<p>Supplying, Installation, testing & erecting of High end Linear Wall Washer 40w 1.2m with Following specifications (3000/4000/5700k deg)</p> <ol style="list-style-type: none"> 1. Housing made of pressure extruded aluminium housing with corrosion resistance powder coating . 2. Specially formulated toughned glass cover. 3. Min IP I66 to ensure fixture is water and dust tight . 4. External separate Silicon encapsulated mettalic isolated driver for ensuring better reliability and safety. 10KV/5KVA external surge arrestor. 6. Fixture should be warrantied for 3yrs for 50,000 hrs @ L70 7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 8. PF >=0.95 and THD <=15 % (Certificate need to be submitted from NABL Accredited lab) 9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 10. Have their own driver Manufacturing Facility. 11. Have their own NABL accredited lab 12. Fixture should be offered in ebony black color . Light Colors 5700 deg K, 4000 deg K, 3000 deg K , light beam angles , 10 deg , 30 deg and 40 deg. <p>Lighting Technologies Linear Wall Washer 40w 1200mm Warm White .The Fixture Shall wall / Surface mounted. (L04030F030)</p>	8.00	EACH	0.00	0.00

366	<p>Supplying, Installation, testing & erecting of 170w 3000/4000/5700k fixture Out door type Led Flood Light with with single piece pressure die-cast aluminium housing with extended heat sink ,with constant Current External Driver and Inbuilt Electrical Protection like over/under voltage ,short circuit open circuit ,miswiring. Fixture body should be of silver Grey COLOR ONLY to integrate with Pole of the structure.The Fixture should be offered with below features.</p> <ol style="list-style-type: none"> 1.Housing made of pressure die cast aluminium with well designed heat sink for rapid heat dissipation 2. PC Injection Moulded Diffuser for high light transmitivity . 3. Min IP 66 Ingress Protection for Fixture and IP67 for Driver . 4. External IP66 Silicon Potted driver for ensuring better reliability and safety . 5 . The driver should be easily maintainable from the rear side 6. Fixture should be warrantied for 5yrs for 50,000 hrs @ L70 (LM79 from NABL accredited Lab to be submitted along with Letter from Manufacturer for the Life class claim of L70 @ 50,000 hrs.) 7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 8. PF >=0.9 and THD <= 10 % (Certificate need to be submitted from NABL Accredited lab) 9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 10. The Fixture should be provided with 10/30/60 Deg lens for better light distribution and Spread. 11. The Fixture should be provided with a suitable cradle for sturdy mounting. 10. Have their own driver Manufacturing Facility. 11. Have their own NABL accredited lab. <p>Lighting Technologies Transformer T2 170W : T17030F060 Equivalent in Endo / Ligman</p>	1.00	EACH	0.00	0.00
367	<p>"Supplying, Installation, testing & erecting of High end 20W Spike Light with Following specifications .</p> <ol style="list-style-type: none"> 1. Housing made of pressure die cast aluminium alloy with corrosion resistance powder coating .Should have both the option of spike as well as fixed base stand for surface mounted option. 2. Specially formulated UV Stabilised Injection molded PC diffuser for high Caliber light transmission, Minimal Glare and Maximum Output. 3. Min IP I66 to ensure fixture is water and dust tight . 4. External separate Silicon encapsulated mettalic isolated driver for ensuring better reliability and safety. 10KV/5KVA external surge arrestor. 6. Fixture should be warrantied for 5 yrs for 50,000 hrs @ L70 7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 8. PF >=0.95 and THD <=15 % (Certificate need to be submitted from NABL Accredited lab) 9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 10. Have their own driver Manufacturing Facility. 11. Have their own NABL accredited lab 12. Fixture should be offered in ebony black color . Light Colors 5700 deg K, 4000 deg K, 3000 deg K , light beam angles , 10 deg , 30 deg and 40 deg. <p>Lighting Technologies CLIMBER 20W Mono Color Equivalent in Endo / Ligman</p>	1.00	EACH	0.00	0.00

<p>368</p>	<p>Indoor Office Lighting 18W-20w Recess Mounted downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission. Round Version. Efficacy of Fixture 102 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency Mettalic driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD Cut out of 165x165mm and Overall of 178x178mm LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Equivalent to Lighting Technologies DLCR 18w. or in Osram/ XAL/ENDO.</p>	<p>16.00</p>	<p>EACH</p>	<p>0.00</p>	<p>0.00</p>
<p>369</p>	<p>Supply Installation Testing Commisioning of Indoor Surface mounted COB type cylinder Light 12W-15w Surface Mounted COB Spotlight downlighter with below features Pressure die cast Aluminum alloy housing for better thermal conductivity. Powder coated using Nano technology for longer durability. PS diffuser for optimum light transmission. Efficacy of Fixture above 95 Lumens /watt Available with 5700K, 4000K & 3000K CCT. CRI>80 High efficiency driver with inbuild surge protection, over voltage protection, short circuit protection and operating at >0.9 PF. <5% THD. Tilttable. LED life of 50000 Hrs @ L70. IP20 Protection Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) PF >=0.95 and THD <=5 % (Certificate need to be submitted from NABL Accredited lab) The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company The manufacturer should have their own driver Manufacturing Facility. The manufacturer should have their own NABL accredited lab Equivalent to Lighting Technologies Intenso Min 15w.or Equalant in ENDO/LIGMAN"</p>	<p>20.00</p>	<p>EACH</p>	<p>0.00</p>	<p>0.00</p>

PRICE BID-GMDC Ltd, Bhavnagar

370	<p>"1. Supply, Installation, testing & erecting of decorative BOLLARD LIGHT 10-15w 3000k IP65. 2. PC Injection Moulded Diffuser for high light transmittivity .Fixture Lumen Output should be greater than 80 lumen per watt. 3. Min IP 65 Ingress Protection for Fixture and IP65 for Driver . 4. External IP66 Silicon Potted driver for ensuring better reliability and safety . 5. Fixture should be warranted for 5yrs for 50,000 hrs @ L70 (LM79 from NABL accredited Lab to be submitted along with Letter from Manufacturer for the Life class claim of L70 @ 50,000 hrs.) 6. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 7. PF >=0.9 and THD <=10 % (Certificate need to be submitted from NABL Accredited lab) 8. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 9. . The Fixture should be provided with a suitable cradle for sturdy mounting. 10. Have their own driver Manufacturing Facility. Lighting Technologies Primus 12w Post Top Equivalent in Endo / Ligman"</p>	1.00	EACH	0.00	0.00
371	<p>LIGHT FIXTURE -Street Light : 1. Supply, Installation, testing & erecting of decorative pole top mounting with 35-50w 3000k IP Post top light 2. PC Injection Moulded Diffuser for high light transmittivity .Fixture Lumen Output should be greater than 80 lumen per watt. 3. Min IP 65 Ingress Protection for Fixture and IP65 for Driver . 4. External IP66 Silicon Potted driver for ensuring better reliability and safety . 5. Fixture should be warranted for 5yrs for 50,000 hrs @ L70 (LM79 from NABL accredited Lab to be submitted along with Letter from Manufacturer for the Life class claim of L70 @ 50,000 hrs.) 6. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only) 7. PF >=0.9 and THD <=10 % (Certificate need to be submitted from NABL Accredited lab) 8. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company 9. . The Fixture should be provided with a suitable cradle for sturdy mounting. 10. Have their own driver Manufacturing Facility. Lighting Technologies Primus 40w Post Top VAULT 40W Equivalent in Endo / Ligman"</p>	25.00	EACH	0.00	0.00

372	<p>Supply, Installation, testing & erecting of 6 meter decorative pole with 70w 4000k IP65 Street Light with in die cast aluminum housing and clear difusser. IP-65 Protection with high quality silicon gaskets. Hinging with clear glass / polycarbonate cover with housing provided for easy maintenance. (FOR EXTERNAL LIGHT) 1.Housing made of pressure die cast aluminium with well designed heat sink for rapid heat dissipation</p> <p>2. PC Injection Moulded Diffuser for high light transmitivity .Fixture Lumen Output should be greater than 100 lumen per watt.</p> <p>3. Min IP 66 Ingress Protection for Fixture and IP67 for Driver .</p> <p>4. External IP66 Silicon Potted driver for ensuring better reliability and safety .</p> <p>5 . The driver should be easily maintainable from the rear side</p> <p>6. Fixture should be warrantied for 5yrs for 50,000 hrs @ L70 (LM79 from NABL accredited Lab to be submitted along with Letter from Manufacturer for the Life class claim of L70 @ 50,000 hrs.)</p> <p>7. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported . (Approved Led source Nichia , Cree, Lumileds , Osram Only)</p> <p>8. PF >=0.9 and THD <=10 % (Certificate need to be submitted from NABL Accredited lab)</p> <p>9. The manufacturer should be ISO 9001 -2008 and ISO 14001 -2004 Company</p> <p>10. . The Fixture should be provided with a suitable cradle for sturdy mounting.</p> <p>11. Have their own driver Manufacturing Facility.</p> <p>12. Have their own NABL accredited lab.</p> <p>Lighting Technologies Adronis AO7057M000 Equivalent in Osram Equivalent in Endo / Ligman</p>	1.00	EACH	0.00	0.00
373	<p>5 mtr MS Pole as per necessary accessories and specifications for Post top mounting as per Govt of Gujarat Schedule of Rates .</p> <p>Supplying and erecting approved make Conical Pole (Medium Duty) Made from HR sheet steel. The pole should be made as per IS. and shall be coated with hot dip galvanizing as per IS 2629/2633/4759, with required base plate and integral Junction box consist of terminal plate of min 6mm Hylam sheet, standard profile 35mmX7.5mm Din-Rail for MCB Mounting, stud type terminal and arrangement for cable terminations as erected on suitable foundation (included) with necessary nut-bolts/J-Bolts. as per details given by manufacturer considering site requirement. The length of poles are as below. (C) 5 Mtr. Long 70 mm Top X 145 mm bottom dia, 3 mm thickness.</p>	25.00	EACH	0.00	0.00
374	<p>6 mtr MS Pole as per necessary accessories and specifications for single arm street light mounting as per Govt of Gujarat Schedule of Rates .</p> <p>Supplying and erecting approved make Octagonal pole made from HR sheet steel. The pole should be made as per IS. and shall be coated with hot dip galvanizing as per IS 2629/2633/4759, suitable suspend local wind speed with integral Junction box consist of terminal plate of min 6mm Hylam sheet, standard profile 35mmX7.5mm Din-Rail for MCB Mounting, stud type terminal and arrangement for cable termination to be erected With Suitable foundation (Included) as per details given by manufacturer considering site requirement.(D) 6 Mtr. Long 70 mm Top X 135 mm bottom dia, 3 mm thickness with 200mmX200mmX12mm base plate, 4-M20 Bolts and 600mm long J-Bolt.Approx Pole weight 59 kg</p>	1.00	EACH	0.00	0.00

375	Supplying and erecting street light pole bracket comprising main B Class MS pipe of 4.2 cm/require outside dia. complete with suitable B Class M.S. sleeve tubing of approx. 45cms.length and suitable for 76.5mm/80mm or require size pole top having sufficient fastners for fixing the brackets and having suitable rise as per site condition as directed and spread of 2 mtr.with suitable welded stiffener reducer and with lock nut complete painted with one coat of Red oxide / PU base primer and two coats of Aluminium / PU paint. Suitable for side entry fitting brackets of following nos of arms.(A) Single Arm bracket 2 Mtr	1.00	Nos	0.00	0.00
376	Providing 1:2:4 cement concrete foundation & 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner. (for 4 & 6 mtr pole)	26.00	Ea.	0.00	0.00
377	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.	26.00	Nos	0.00	0.00
378	Supplying & erecting approved make SMC press moulded composite FRP. loop-in, loop-out approx. 2mm thick box complete with Bakelite connector strip 5way(3P+N+E),DIN rail for mounting mob & hinged doors as per requirement having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps& earth bolt of following size of box. (a) 300mm x 200mm x 100mm [deep]	26.00	Ea.	0.00	0.00
379	Supplying and erecting B class Galvanized iron pipe having smooth finished bore of the pipe on both ends erected nuts and bolts along the pole / wall shaping the pipe as per site requirement. Pipe dia as following. (b) 32 mm dia	26.00	Mtr	0.00	0.00
380	Supply, Installation, Testing & Commissioning of following size of Grid Tied Solar Power Plant with Solar Panels (ALMM approved): Frame Material : Anodized Aluminum alloy Frame With Twin Wall Profile, Front Cover : High Transmission Low-Iron Tempered Glass (AR Coated), High efficiency and positive power tolerance Pmax: 0/+5, Module Efficiency should be approx. 18%-21%, Normal operating temperature 45°C, Junction Box with Waterproof IP67 & MC4 Compatible and Enclosed with Bypass diodes, 100% Electroluminescence test to ensure error free Modules, Thep. temp. co-efficient of the PV module shall equal or better than -0.45%/degree C. Solar PV modules of minimum fill factor 75% to be used. Unit Production:- 4 to 5 Unit /kw /day (Actual)(1Year Avg) With 10 year Product warranty and 25 year Linear Power Warranty., Solar Inverter: MPPT Range: 80-1000 V, Max efficiency: 97.5% - 98.9%, O/p Frequency: 50/60Hz, Operating Altitude (m) ≤4000, O/p Power Factor: ~1, O/P THDi: <3%, Operating Tempreture Range: -25-60°C, Anti-islanding Protection: Integrated, Input Reverse Polarity Protection Integrated, Insulation Resistor Detection Integrated, Residual Current Monitoring Unit Integrated, Output Over Current Protection Integrated, Output Short Circuit Protection Integrated, Output Over Voltage Protection Integrated, Protection Degree: IP65, User Interface LCD & APP,Datalogger & Communication: GPRS / Wi-Fi, Module Mounting Structure: Seamless Box Pipe / 'C' Channel of suitable size for rooftop solar installations with good stability agaist wind & weight load., Hot Dipped Galvanized steel coils. suitable arrangement for base plate for foundation , solar panel mounting, the structure should be suitable for carry the load of solar panel,wiring, sprinkler system etc. with necessary foundation work/wall mount, j bolt, anchor fastner etc. the nut bolt used for installtion of stucture should be (SS 304) quality. and Balane of System with necessary Swithgears (Suitabel size and protection of ACDB & DCDB), inter connecting wiring, earthing system, lightning arrester system, all liasoning work with various gov. dipartment like state nodal agency,DISCOM & CEIG is included in agency scope (Excluding GEDA Application fees, Solar connectivity Charges, Meter connectivity Charges, Meter testing Charges.) (E) Grid Tied Solar Power System: 51 - 100 kW (3 - phase)	125.00	PER KW	0.00	0.00

381	Passenger LIFT : Kone/Orbis/Otis/Trio/Schindler/Johnson : 6 passengers MRLS LIFT Designing , Supply, installation, testing and commissioning of Passenger Lift as per approved make and sample by Client / Architect. Lift Well Size : As per Drawing , Weight: @ 408 Kgs , Number of Stops / Entrances : 2 Speed :1.25 m/s , Travel height : 7.4 m , Pit depth :1500 mm , Headroom : 4800 mm Shaft dimensions W x D : 1800 mm x 1800 mm , Machine room : Machine room less Car dimensions W x D x H : 1000 mm x 1100 mm x 2139 mm , Clear car height HKC : 2200 mm Car Door size W x H : 800 mm x 2000 mm , Car Door Type : Power Operated Centre Opening Sliding Door Drive System : Micro Processor Based VVVF - Closed Loop , Control system : Microprocessor Based Simplex Selective Collective Control With Attendent , Main Power Supply : AC 3 Phase, 50 Cycles, 415 Volts ±10% , Light Power Supply : 220 Volts 50Hz LNE , Design Of Lift Cabin* : Stainless Steel Hairline Finish Car Door Finish* : Hairline Finish , Ceiling Finish : Ss	1.00	Job	0.00	0.00
382	BOOM BARRIER (Automated): SITC of 5 Mtr Boom Barrier - BGL-100 - With LED indicator Maximum length of boom - 5mtr.> Photo cell sensor> Exit switch - open-close-stop> UHF reader> Controller > Installation of Boom Barrier > Installation of UHF tagging system> Freight & Transportation> Pile foundation for boom barrier> Cable and cable laying. The work shall be done as per the drawing, specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of providing & fixing, all material, labour, wastages, necessary tools & tackles, hardware/accessories , necessary cable with connection of existing panel, necessary civil work, cutting of existing suraface area, for all floors, all heights, all levels and all places within campus.	4.00	Nos	0.00	0.00
383	SITC of BOOM BARRIER READING TAG as as per Client requirements.	100.00	Nos	0.00	0.00
384	(ELV Work: PART-C : IT WORKS) FA System: Supplying, installation, testing and commissioning of micro processor based intelligent addressable main fire alarm panel having IS or BS (EN 54) (Vds approved) or NFPA 72 (UL/ULC/FM approved) with latest Ammendment with central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors per loop and loop length up to 2 km, network communication card, minimum 320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM), power supply unit (230 ± 5% V, 50 hz), 48 hrs back-up with 24 volt sealed maintenance free batteries with automatic charger. The panel shall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system (which is part of the schedule of work under SH: PA System) and shall be complete with all accessories . The panel shall be compatible for IBMS system with open protocol BACnet/ Modbus over IP complete as per specification. (B) 2 Loop Panel	3.00	nos	0.00	0.00
385	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector having IS-11360-1985 or BS 5446 Part I-1977 & Part VII –1985 (VdS approved) or NFPA72 (UL/ULC/FM approved) with Latest ammendment complete with mounting base complete as required.	77.00	EA	0.00	0.00
386	Supplying, installation, testing & commissioning of intelligent addressable thermal detector with rate of rise cum fixed tempreature thermistor having IS-2175 - 1988 or BS-5445 (EN 54) Part 5 –1977(VdS approved) or NFPA72 (UL/ULC/FM approved) complete with base as required.	2.00	EA	0.00	0.00
387	Supplying, installation, testing & commissioning of addressable manual call point having IS or BS (EN 54) (Vds approved) or NFPA 72 (UL/ULC/FM approved) with Latest Amendment complete as required.	4.00	EA	0.00	0.00
388	SITC of Analogue addressable loop powered Base Sounder, variable sound output 50 ~ 98 dB(A) (±2 dB(A)) output at 1 metre, 51 user-selectable tones (all tones EN54-3 compatible), Auto shutdown feature prevents noise-pollution, Approved by LPCB & VdS	4.00	EA	0.00	0.00

389	Supply and Laying of 2 Core X 1.5 sqmm FRLS armoured copper Cable (Makefinolex /polycab / RR kabel / Avocab	1750.00	Rmt	0.00	0.00
390	TELEPHONE,DATA SYSTEM, CCTV & WIFI : Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge.Modem Jack for Telephone Open RJ-11 CAT III.	84.00	Ea	0.00	0.00
391	Supplying & erecting approved make Telephone Cable electrolytic copper conductor PE insulation twisted in two pairs, & wrapped with FRLS PVC tape & sheathed with FRLS PVC or HFFR outer Jacket suitable for telephone wiring & confirming to C-DOT erected in existing pipe. of following size of conductors & nos.of pairs. With necessary connections. [A] Conductor Size 0.5 mm. 2) Two Pairs	2300.00	Mtr	0.00	0.00
392	Supplying & erecting Delton or approved make Telephone Cable electrolytic copper conductor PE insulation twisted in two pairs, & wrapped with FRLS PVC tape & sheathed with FRLS PVC or HFFR outer Jacket suitable for telephone wiring & confirming to C-DOT erected in existing pipe. of following size of conductors & nos.of pairs. With necessary connections.[B] Armoured(Jelly Filled) (2) Twenty Pairs	350.00	Mtr	0.00	0.00
393	Supplying & erecting Delton or approved make Telephone Cable electrolytic copper conductor PE insulation twisted in two pairs, & wrapped with FRLS PVC tape & sheathed with FRLS PVC or HFFR outer Jacket suitable for telephone wiring & confirming to C-DOT erected in existing pipe. of following size of conductors & nos.of pairs. With necessary connections.[B] Armoured(Jelly Filled) (3) Fifty Pairs	100.00	Mtr	0.00	0.00
394	Providing & erecting main Distribution (MDF) indoor type, back mounted frame. (c) Suitable for 20 pair	3.00	Ea	0.00	0.00
395	Providing & erecting main Distribution (MDF) indoor type, back mounted frame. (c) Suitable for 50 pair	2.00	Ea	0.00	0.00
396	Supplying & erecting Digital / PCM / TDM EPABX System having SMT design, system with flexible universal slots, Inbuilt Auto attendant facility, Minimum 15 Nos. conference, Analog extension line, Calling GSM, E&M line, PRI / E1 & VOIP program me through Analog telephone digital key from Ethernet, public address cord, shall have unrestricted simultaneous dialling facility, QSIG protocol on PRI, 95 / STD / ISD / Local- Locking ,Class of Service, Quick Dial- Single Digit dialling of any two external numbers, Once only ring device, Boss/Secretary- Do not Disturb Facility, Power Down Mode, Hot Line, Hot Outward Dialling, Day Night Mode, Auto Call Back, Barge-in, Call Pick Up & Call Transfer, Call transfer while Ringing. With Voice Guide System, (DISA), Caller ID (CLI), CLI Base ECF,CLI Base routing Internet Ready Port, External Music Port, Call Budgeting, Call Most Calculation(ASMDR), DID Direct Inverse Dialling, External Music Input, Fax Homing, Global Directory Printing. with following capacities. [D] No of Extension 64, No of Junctions 12, 8 Port IP Resource in-built, 4 Port Web base Video Conferencing, No of expandable ports : 240, Operators Console - 01 Compatible : ISDN and Networking	1.00	EA	0.00	0.00
397	Supplying & erecting push button type telephone instrument having speaker phone Caller ID & hands free dialling system & 30 memories with display system (a) Single line BPL / SONY/ BEETEL or equivalent make.Cat : III & As per approved Make List.	84.00	EA	0.00	0.00
398	Supplying & erecting Panasonic / SONY or equivalent make push button type Two way Cord Less telephone instrument Speaker Phone having feather light key pad 30 days standby battery life, hands free speaker phone, 19 station speed dialler, inter com with 2 way paging & lock key one touch dialler.	1.00	EA	0.00	0.00

399	CCTV DATA WIFI: Supply, installation, testing and commissioning of Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge.Modem Jack for Computer Open RJ-45 CAT III.	47.00	Ea	0.00	0.00
400	Supply, Installation, testing & commissioning of Wire less WiFi Router with below specification Networking Interface : (1) 10/100 Ethernet Port Buttons : Reset Antennas ,Power Method : Passive Power over Ethernet (12-24V) Power Supply : Included 24V, 0.5A PoE Adapter Maximum Power Consumption : 6 W Maximum TX Power : 27 dBm BSSID : Up to Four Per Radio Power Save : Supported Wireless Security : WEP, WPA-PSK, WPA-TKIP,WPA2 AES.	6.00	EA	0.00	0.00
Total Amount				0.00	0.00
I	Part-9			0.00	0.00
401	DOME CAMERA-Full HD 1080p 25/30 fps image with a 1/2.7" or 1/2.8" 2 MP sensor, 2.7–12 mm, F1.4, zoom lens, True WDR up to 140 dB ensures glare-free images, H.264 and MJPEG codec, triple stream support, IR LEDs provide up to 50 m (150') of illumination in dimly lit or nighttime scenes, Waterproof (IP67) and IK10 vandal resistant camera housing , ONVIF Profile S and G compliant	47.00	Ea	0.00	0.00
402	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [D] CAT - 6e (For LAN, Telephone & Camera).	5750.00	Mtr	0.00	0.00
403	Network Video Recorder: Supply, Installation, Testing and Commissioning of IP surveillance solution central management 1080P with minimum 16 Channel NVR 8 SATA HDD with 5 Client License, with required slots numbers of Hard Disk and slots to carry out 30Days backup. Recording speed at 25/30FPS.	5.00	Ea	0.00	0.00
404	Supply, Installation, Testing and commissioning of 1 TB Surveillance series Hard disk	10.00	Ea	0.00	0.00
405	SITC of Jack Panel, fully loaded with 24 nos. UTP ports for PCB based IO Jacks (RJ45, TIA-568C Category-6, Installation and Termination of all 24 nos. Category-6 UTP , unloaded with individually replaceable 24 nos. Category-6 I/O Jacks complying with TIA-568.C.2, as per given jack specification Shall be suitable for loading unshielded & shielded jacks for different category systems (CAT 6 & CAT 6A)	6.00	Ea	0.00	0.00
406	SITC of company fabricated patch cords shall conform to Cat- 6 & conductor shall be stranded for better flexibility Shall support network line speeds up to 1 Gbps Shall have RJ-45 jacks. (A) 1 Mtr	144.00	Ea	0.00	0.00
407	Providing & erecting Fiber Optic Cable, 50/125μ, OM3 Outdoor Shall be 50μ, Multi mode OM3 non-metallic armored cable as per ISO/IEC-11801 Shall be able to meet Gigabit & 10 Gigabit Ethernet performance up to 300 meters requirement specified by IEEE 802.3z (1000 Base-X) & IEEE 802.3ae (10G Base-X) Shall be suitable for using in the building shaft and outdoor laying, Shall be Unitube Jacketing Material Shall be HDPE with nominal thickness of 2.1mm and overall diameter (Nominal) 10mm . (A) 6 core Multi mode	300.00	Mtr	0.00	0.00
408	SITC of 24 x 10/100/1000BASE-T PoE ports 4 x Gigabit RJ45/SFP Combo ports Advanced L2 switching and security features L2+ Static Routing Optional "standard mode" or "surveillance mode" management user interface 193 W PoE budget	6.00	Ea	0.00	0.00

409	Providing & erecting Fiber Optic SC/LC style fully loaded Patch Panel (FOPP), 19" Rack Mount with following nos of OM3 50/125µ Pigtaills.as per ISO/IEC-11801-OM3 Pigtaills with SC/LC Type Connectors Pigtail Attenuation ≤0.3dB measured at 850nm Acc to IEC 61300-3-4 Method B Return Loss ≥ 30dB, in mated condition Pigtail Cable Information – Outer Jacket Diamter – 0.9mm, Outer Jacket Material – LSZH Shall have all accessories including coupler plates pre-loaded with duplex LC couplers (OM3), pigtaills for terminating fibers on the FOPP Shall be Front Patching Type, 1U high and rack mountable on standard 19" rack with mounting arrangements.(A) 12F Loaded with Coupler, Pigtail and Splice Trays	2.00	Ea	0.00	0.00
410	Providing & Erecting Netwrok rack with following capacity with Necessary cooling fan,Cable manager,6A PDU,equipment rack with necessary mounting accessories. (A) 9 U	4.00	Ea	0.00	0.00
411	Providing & Erecting Netwrok rack with following capacity with Necessary cooling fan,Cable manager,6A PDU,equipment rack with necessary mounting accessories. (E) 19 U	1.00	Ea	0.00	0.00
412	Providing & Erecting approved make following size of TV Co-axial flexible cable comprising inner conductor of solid bare copper insulated with Foam PE & Secondary conductor made of poly - Aluminium film bonded Al. Braids @ suitable coverage overall sheathed with black PVC insulation. b).RG-6	2000.00	Mtr	0.00	0.00
413	Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge (4) TV Co-axial Socket outlet Cat.II	37.00	Ea	0.00	0.00
414	SITC of 55 Inch 500 NTS Brightness professional Display with Direct-Type LED, Viewing Angle : 178 Degree Verti, 178 Degree Hor. Operation 27x7, Native Resolution 3840 x 2160 (16:9) - UHD, 4 x USB (2 x 2.0, 1 x 2.0 internal, 1 x Type C), 0-40°C, ≤0.5 W, HTML 5 Browser Opera(4.9), Yes(internal) IEEE 802.11 a/b/g/n Dual WiFi certificated, BIS, YES CLASS A 3dB margin.	18.00	Ea	0.00	0.00
415	PA SYSTEM: Supplying & erecting recess wall mounting speaker with 5/6W rated input power 3.3 K. Ohms / 3W impedance, 100 - 10000 Hz frequency response with 6 inch dia. cone type 8 ohms speakers duly fitted in ABS plastic cabinet of colour match with wall or ceiling of following size. (a)Round Shaped, 230mm dia. Speaker	53.00	EA	0.00	0.00
416	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnections etc. as required. (B)Speaker cable Two pair, 2-core, 1.5 sqmm	2450.00	Mtr	0.00	0.00
417	SITC of 200 WATTS 2 ZONE PA MIXER AMPLIFIER.6 Mic, 2 Aux Inputs and CD/Stereo input (L&R)Built-in MP3 player with remote control for USB, SD/MMC card reader.Mmedium sized installations, two separate groups of speakers are needed to be connected.User has a choice to connect both the zones . Power Output :- 130W + 130W Max., 100W + 100W RMS at 10% THD, 90W + 90W RMS at 5% THD, 80W + 80W RMS at 2% THD, Speaker Output :- 4Ω, 8Ω, 70V & 100V for each zone as directed by engineer in charge	3.00	Ea	0.00	0.00
418	Providing and erecting Max. 6 Mic / 12 Line Inputs , 2 GROUP Buses + 1 Stereo Bus 2 AUX (incl. FX), "D-PRE" mic preamps with an inverted Darlington circuit, 1-Knob compressors PAD switch on mono inputs, +48V phantom power XLR balanced outputs, Internal universal power supply for world-wide use, Optional Rack Mount Kit RK-MG12 Available Metal chassis as directed by engineer in chage., YAMAHA /SOUND CRAFT/ MACKIE/ BEHRIGER or Eq.	3.00	Ea	0.00	0.00

419	SITC of Professional high quality PA Gooseneck Microphone are suitable for various PA applications such as on Lecterns and Podiums, Open Conferences etc. The sleek and slender design makes the microphones unobtrusive. Wide frequency response. Frequency Response :- 100-15,000Hz , Impedance :- 1000Ω , Sensitivity :- 7mV/Pa , Power Source :- 1.5V-9V DC , Overall Length :- 585mm (23") erected as directed by engineer incharge	3.00	Ea	0.00	0.00
420	CONFERENCE ROOM SYSTEM: Supplying and erecting Supply and installation of DLP projector - 4000 ANSI lumens, 1024X768 pixels, contrast ratio - 2500:1, XGA Either table top or ceiling mounted	2.00	NO	0.00	0.00
421	Wireless Dongle for wireless wifi access of projector	2.00	Nos	0.00	0.00
422	supply and installation of projector Screen (120" Diagonal) with black border and tubular motor driving device with less noise, smooth function and remote control	2.00	Nos	0.00	0.00
423	SITC of elegantly designed, sturdy & heavy duty metal base for use with a phantom gooseneck microphone PGM-481 and a suitable 48V phantom supply source APS-482. Provided with an on/off switch and LED indication. Balanced output allowing longer cable length.	8.00	EA	0.00	0.00
424	Supply, Installation, testing and commissioning of DVD Player supporting wireless mic services) (Philips/Sony)	2.00	Nos	0.00	0.00
425	SITC of Pop-up box with VGA, HDMI, Data, Audio and Power connections	8.00	Nos	0.00	0.00
426	Supply and installation of VGA Cable (Factory Crimp)	70.00	Rmt	0.00	0.00
427	Supply and installation of HDMI Cable (Factory crimp)	70.00	Rmt	0.00	0.00
428	HVAC: OUTDOOR UNIT: Supply Installation, Testing & Commissioning of modular type Variable Refrigerant Volume air cooled Outdoor units suitable for cooling and heating, having all hermetically sealed inverter type Scroll Compressor(s), microprocessor based Controller, top discharge type condensing unit(s), with R410 A Refrigerant (Or Eco Friendly Green Gas if any), vibration isolators, with suitable foundation, MS Stand for Unit with necessary paint etc. complete as required. The unit shall deliver the rated capacity at AHRI Conditions and work even at 50°C ambient temperature without tripping. The unit shall be suitable to work on 400V +/- 10%, 3 Phase, 50Hz AC power supply. The unit shall be filled with first charge of the refrigerant and ready for use as required. The COP at AHRI conditions shall not be less than 3.1 and IEER not less than 6.5. (Design should be got approval before execution from engineer in charge)	108.00	Per Hp	0.00	0.00
429	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (E) 2 TR	4.00	Ea.	0.00	0.00

430	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (F) 2.4 TR	6.00	Ea.	0.00	0.00
431	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (G) 2.8 TR	2.00	Ea.	0.00	0.00
432	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (J) 4 TR	4.00	Ea.	0.00	0.00
433	INDOOR UNIT-HIGH WALL TYPE: Supply, installation, testing and commissioning of following minimum capacity VRV High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with noise level maximum 60 dB @min 400 cfm /dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.; (E) 2 TR	11.00	Ea.	0.00	0.00

434	INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (E) 2.8 TR	8.00	Ea.	0.00	0.00
435	COPPER REFRIGERANT PIPING: Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-0 tubular insulation/with Class-0 closed cell elastometric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc with necessary refrigerant joint as required for Office Building NOTE:- 1)The Copper Piping & Piping Circuit should be with Minimum Number of joints, which shall be attained by : (1) Using One End Expanded Tubes (2) Bending the tubes instead of using elbow joints wherever 90 degree bending is required. (3) Piping should be routed at site in such a manner, that brazed joints in the refrigeration piping are kept to a minimum. (4) The makes of tube fittings shall be same as that of tubes. (5) The thickness of fittings used shall be same as that of the pipe.	2.00	Job	0.00	0.00
436	Control Cables and Wires: Supply installation testing commissioning Shielded Shielded Control Cables for VRV System with necessary ISI mark Medium class rigid PVC pipes with necessary accessories with termination in machine and control equipments.. (A) 2C X 1.5 Sq mm Shielded Armoured	1300.00	Mtr.	0.00	0.00
437	Central Control System: (A) Cord type remote control with thermostat, LED Display and internal wiring for Cassette, FCU & CSU	35.00	Nos.	0.00	0.00
438	Central Control System: (B) Central wired Remote Control System	108.00	Per HP	0.00	0.00
439	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation. (A) 50 mm dia.	100.00	Rmt.	0.00	0.00
440	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation. (B) 40 mm dia.	100.00	Rmt.	0.00	0.00
441	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation. (C.) 32mm dia.	100.00	Rmt.	0.00	0.00
442	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation. (D) 25 mm dia.	100.00	Rmt.	0.00	0.00
443	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation. (E) 19 mm dia.	200.00	Rmt.	0.00	0.00
444	Gypsum MR grade Ceiling : M/F Suspended MR Ceiling includes Gypserra™ Perimeter Channel {Material-GI(IS513),YS-260Mpa,Finish- Galvanised 150GSM(IS27)} is fixed along the perimeter of existing wall/ partition with the help of HILTI HPS 1 (6x40) impact anchor, at 600mm centres. Gypserra™ Ceiling Angle {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is suspended by fixing it to the Gyproc® soffit cleat {GI(IS513)YS-260Mpa,Finish-Galvanised 150GSM(IS277)}. Soffit Cleat and Gyproc® Rawl Plug- Ø8x45mm {Material-IS 513 CR2 grade, Zinc coating (7 to 8 microns) pull out load-6.8kN for M30 concrete grade} creating 1220mm x 1220mm grid. Gypserra™ Intermediate channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277) } is fixed to the Gypserra™ Ceiling Angle with M6 x 12mm Hex Bolt & Hex Nut arrangement {Material-As per EN 10083 Finish – Zinc Plating} or with 2 Nos of Ø4.2x13 Gyproc® metal to metal screw {Material-Carbon steel EN-ISO 7049/50 Finish- Zinc Coating Thickness- 4.14micron.} The Gypserra™ Ceiling Section {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is then fixed to the Gypserra™ Intermediate Channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} with the help of Gyproc® Connecting Clip {Material-High carbon	1359.00	Sq.mt	0.00	0.00

445	<p>Grid Ceiling:Providing & Fixing of Eco- Friendly Light weight Calcium Silicate Ceiling .Providing and Fixing False ceiling at all heights 100% Eco Friendly , Non Cementitious light weight calcium silicate false ceiling tiles having having 15 mm thick integral densified edges (for extra Strength) reinforced with Eco-friendly fibres and natural filler with a eco-friendly recycled content of more than 50% (For Green Building Leed Accreditation) . False ceiling tiles of Size 595x595 mm of approved texture, design and patterns Viz Spintone/ Cosmos/ Spectra /Globe/Hexa/Quadra having NRC (Noise Reduction coefficient) 0.50 to 0.75 (for semi perforated and fully perforated range of tiles), Light reflectance of 85% (minimum) . Non-combustible as per BS: 476 (part-4), fire performance as per BS: 476 (part 6 & 7 (High Fire resistivity for very high fire safety), humidity resistance of 100% RH (Suitable for any weather conditions) , Thermal conductivity of 0.050 W/m°KC to 0.050 W/m°KC as per IS 3346/1980 (High Thermal Insulation). 100% Antifungal , Antibacterial, Anti termite.The ceiling Tiles should be free from Chemicals, asbestos having Zero VOC Property for better indoor Air quality The tiles shall have average body density of 370 kg/m³ as per ECBC code 2007 and average edge density of 450 Kg/m3. The tile shall be primer coated</p>	82.00	Sq.mt	0.00	0.00
446	<p>Wooden ceiling finish with Veneer : Providing and fixing IS 710 12 mm thick Marine plywood false ceiling as per drawing , instruction , sample approved & complete with Aluminium anodised section size 50x50x1.5 mm & 25x50x1.5 mm / GI frame work. the frame work fixed as per drawing @ 600 mm c/c. finish with 4 mm thick Veneer with matt finish monocoat polish. Rate shall inclusive cost of making of all cutouts for light fixtures, gadgets, gizmo, pelmets, grooves, CNC engraving , beads and also provide support/template where ever required.The rate shall be in sq.mt for all floors and at all heights including all costs . (or a sample mock of 5 Sqm minimum of the frame work and ceiling) shall be approved from Architect. 5mm Groove shall be provided at the junction of the false ceiling & the wall. (considering all levels with require all Framing work and fitting from RCC slab to false ceiling level).Basic rate of teak Veneer 120/Sqft</p>	27.00	Sq.mt	0.00	0.00
447	<p>Wooden ceiling finish with VNR Laminate : " -----Do-----" as per above specification for complete work. Only finish with VNR laminate instead of veneer.</p>	68.00	Sq.mt	0.00	0.00
448	<p>Metal Ceiling: Supplying and Installing metal ceiling - Linear 184-C Galvanized Steel 0.50mm TCT Plain Wooden Powder Coated on visible surface of Panel and backside framing in regular black color Metal False ceiling System. Panel (Galvanized Steel): Metalium make 184C Panels are roll formed using state of the art roll forming lines to 84mm wide, 12.5 mm deep & 0.5 mm TCT Galvanized Steel as per IS-513 with recessed flange of 24 mm. Panel length is up to approximate 5 mtr. Panel shall be Wooden Powder coated on external surface only. When two panels are to be joined, they shall be joined together by means of panel coupler suitable for 184C Panel. Paint Detail: Wooden Powder Coated panel shall be chromatized 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 continuous paint line or Powder coated panel shall be 50 microns thick on exposed surface. Installation detail: The carrier shall be suspended from slab/truss by 4mm dia galvanized rod & height adjustment powder coated spring steel clips at maximum 1.2 to 1.5 meter centre to centre. The 4mm dia galvanized rod shall be fixed to slab by forming one end "J" shape with roll inserts. Carrier 184-C: Carrier shall be 20mm wide at bottom and 39 mm deep with cutouts to hold the panel in a module of 200 mm, carrier shall be roll formed out of 0.45 mm GI coil and cut to a standard length of 2.5 mtr. When two or more carriers are to be joined, they shall be joined together by means of carrier coupler which will clip on to the holes in the sides of the</p>	96.00	Sq.mt	0.00	0.00

449	<p>Gypsum Partition with 25 mm thick rockwool : 100 mm thick 1.100mm thick Gypserra™ stud partition which includes double layer of tapered edge 12.5mm thick Gypboard® Plain (conforming to IS 2095 Part 1:2011, Certified board) of size 1219x2438mm is screw fixed to C-stud. 2.48x0.5mm Gypserra™ C-stud {Material-IS 513, Y/S-300Mpa, Finish - AZ150 (IS 15961)} placed at 610mm c/c in 50x0.5mm Gypserra™ {Material-IS 513,Y/S-300Mpa, Finish - AZ150 (IS 15961)} floor and ceiling channel. 3.Floor & Ceiling channel is anchored to the floor & True ceiling using Gyproc® Rawl plug Ø8x45mm {Material-IS 513 CR1 grade, Zinc coating, Pull Out Load-6.8kN for M30 concrete grade} /Hilti X-GN20MX anchor fasteners at 600mm c/c in centerline.4.Floor channel to be wrapped with 70µ Self Adhesive LDPE moisture barrier film to further improve corrosion resistance performance. 5.12.5mm thick Gypboard® Plain board strip of 50 mm width is placed between ceiling channel and RCC ceiling slab to improve fire performance of the system.6.A Gypserra™ noggin channel {Material-IS 513,Y/S-300 Mpa, Finish - AZ150 (IS 15961)} of 48x0.5mm width has to be provided at the horizontal joints of the two boards.7.First layer of Gyproc® boards to be screw fixed with Gyproc® drywall screws of 25mm at minimum spacing of 600mm at centre and 600mm at periphery.Second layer to be screw fixed Gyproc® drywall screws of 35mm at minimum spacing of 300mm at centre and 300mm at periphery.8.25mm rockwool slab of density 20kg/m³ shall be placed in metal framework. rockwool</p>	9.00	Sq.mt	0.00	0.00
450	<p>Full Height Partition Gypsum Partition (60min. fire rating) : 100mm thick Gypserra™ stud partition which includes inner layer of tapered edge 12.5mm thick Gypboard® Plain (conforming to IS 2095 Part 1:2011, Certified board) of size 1219x2438mm and outer layer of tapered edge 12.5mm thick Gyproc®Fireline board of size 1219x2438mm is screw fixed to C-stud.48x0.5mm Gypserra™ C-stud {Material-IS 513, Y/S-300Mpa, Finish - AZ150 (IS 15961)} placed at 610mm c/c in 50x0.5mm Gypserra™ {Material-IS 513,Y/S-300Mpa, Finish - AZ150 (IS 15961)} floor and ceiling channel.Floor & Ceiling channel is anchored to the floor & True ceiling using Gyproc® Rawl plug Ø8x45mm {Material-IS 513 CR1 grade, Zinc coating, Pull Out Load-6.8kN for M30 concrete grade} /Hilti X-GN20MX anchor fasteners at 600mm c/c in centerline manner.Floor channel to be wrapped with 70µ Self Adhesive LDPE moisture barrier film to further improve corrosion resistance performance. 12.5mm thick Gypboard® Plain board strip of 50mm width is placed between ceiling channel and RCC ceiling slab when deflection is more than 10mm & fire rating is more than 30min. A Gypserra™ noggin channel {Material-IS 513,Y/S-300 Mpa, Finish - AZ150 (IS 15961)} of 50x0.5mm width has to be provided at the horizontal joints of the two boards. First layer of Gyproc® boards to be screw fixed with Gyproc® drywall screws of 25mm at minimum spacing of 600mm at centre and 600mm at periphery. Second layer to be screw fixed Gyproc® drywall screws of 35mm at minimum spacing of 300mm at centre and 300mm at periphery. 50mm Glass wool slab of density 20kg/m³ shall be placed in metal framework. Glass wool holding clip should be used to hold Glass wool slab in its position. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc® Pro-Fill Jointing compound, (Conforms to ASTM C475), Gyproc® Joint Paper tape or fiber tape. The junction of the partition with masonry & all penetration through the partition has to be treated with Hilti/Pyroplex fire and acoustic sealant. All other detailing and specifications to be followed as per approved drawing of Gyproc.Note: Applicator need 60min. fire rating certificates from Gyproc. Rate shall include cost of making of all cut-outs for light fixtures, switchboards gadgets, gizmo, pelmets, grooves, beads and also provide support/template where ever required & For door frame fixing, storages, shelves, paneling etc extra Wooden members to be used shall be of CP teak wood only. Including skirting /MDF board/wooden skirting cut out as per EIC instruction at siteThe rate shall be in sq.mt for all floors and at all heights including all costs. including ply base for fixing of TV or Overhead storage wherever required, The rates are also inclusive of necessary scaffolding, tools, tackles., safety measures , Internal partial support (between two sturd) at 7' height.The shop drawing (or a sample mock of 5 Sqm minimum of the frame work and partition) shall be approved from EIC and Architect. All exposed corner shall be covered with perforated angle as per manufacturer's specifications or as directed by EIC.</p>	286.00	Sq.mt	0.00	0.00
				0.00	0.00
J	Part-10			0.00	0.00

451	<p>Wooden solid Partition finished with Both side VNR Laminate: (3' ht Wooden + 1'-0" glass) Providing & fixing 12mm thick fire retardant marine plywood as per IS 710:2010 and IS 5509:2000 fixed on frame work on both side finish with 1mm thick Laminate. The frame work shall be made from square hollow aluminium section size of 50x50x1.5 mm & 25x50x1.5 mm of approved make conforming to IS code. The framework shall be fixed as per drawing vertically @ 600 mm c/c & horizontal 600 mm c/c horizontally. All ply/wooden shall be treated with anti- termite treatment . Both side finish with VNR Laminate. Glass shall be Lacquered glass as per selection by Architect / EIC. Rates shall also be inclusive of cost of making cut outs/ openings for MEP services & providing additional sections for strengthening around the openings/cutouts additional support for fixing of patch fittings for doors, making grooves between wall & board, in filled with termite treated wooden members if required or as per drawing /instruction of EIC. and no extra payment shall be considered for additional sections provided. work complete including all type of material, fittings , fixtures, Finish, loading , unloading , safety measures , transportation, all leads ,</p>	7.00	Sq.mt	0.00	0.00
452	<p>Thin Profile Glass Partition : Providing & Fixing of STL45 ie.Single glazed modular system consist of Aluminium section of 25*45*2.5 mm thick. All sections duly powder coated with 6063-T6 grade and required accessories ie glass to glass aluminium I sections, T section & 90 degree sections & Glass packing to adjust the floor level. Ceiling profile, Floor profile and wall profile are 25 mm visible face and 45 mm wide with 10mm toughen glass as per approved make & insertion of Thermoplastic gasket to adhere the glass firm & airtight.The sound reduction Value is from 32 to 35 Db.With 6 mm Groove inbuilt in system to accomodate the carpet & the uneven surfaces. Accessories/Hardware: neutral cure glazed & metal silicon sealant of approved make on the periphery of the glass & wood etc. Partition ht will be measured from finish floor to false ceiling level only. The rate shall be in sq.mt for all floors and at all heights including all costs. Glass width size shall be as per sugestion by EIC. Work complete including all type of material, fittings , fixtures,Finish, safety measures , loading , unloading , transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights etc complete as per detailed drawings ,specifications & instruction of Client/EIC.</p>	148.00	Sq.mt	0.00	0.00
453	<p>Thin Profile Double leaf glass door : Supply & Installation of Modular Aluminium Glass door frame of Kubik or equivalent make 45mm System, Using KOPS 001 & KOPS DF 103 (45mm x 25mm) for Glass door frame Doorframe Dimension – 45mm x 25mm. Finish – SILVER finish / Powder coating as per approved sample by Architect 10mm thk. clear toughened Glass KUBIK Glass Hinge, HAFELE Open Door closer with saddle plate, KUBIK Mortise lock with handle, KUBIK Door stoper Item includes all necessary fitting / fixing, fixtures of approved make complete as per specification, drawing, approval and instructions of the Architect/Client. Rate shall be inclusive of all material loading unloading at all height and all floor. Sample mock shall be approved from Architect/Client.</p>	14.00	Sq.mt	0.00	0.00

454	<p>Thin Profile Single leaf Glass Door: Supply & Installation of Modular Aluminium Glass door frame of Kubik or equivalent make 45mm System, Using KOPS 001 & KOPS DF 103 (45mm x 25mm) for Glass door frame Doorframe Dimension – 45mm x 25mm. Finish – SILVER finish / Powder coating as per approved sample by Architect 10mm thk. clear toughened Glass KUBIK Glass Hinge , HAFELE Open Door closer with saddle plate , KUBIK Mortise lock with handle , KUBIK Door stoper Item includes all necessary fitting / fixing, fixtures of approved make complete as per specification, drawing, approval and instructions of the Architect/Client. Rate shall be inclusive of all material loading unloading at all height and all floor. Sample mock shall be approved from Architect/Client.</p>	43.00	Sq.mt	0.00	0.00
455	<p>Frosted sparkling glass film (Colour film) : Providing and fixing frosted glass film of approved make Translucent, cast PVC, self-adhesive vinyl, special CRYSTAL-effect film to reproduce Sand-blasting effect on glass with customised designs. MCS warranty of 3 (if exposed to direct sunlight) to 10yrs (indoors) must be endorsed by manufacturer. Rate shall be inclusive of plotter cutting design as per Architect/Client suggestion. Contractor shall provide shop drawing for approval of Architect/Client. work complete including all type of tools, tackles, scaffolding etc complete as per suggestion of Architect/Client. If in case any application finishing will not as per satisfaction contractor shall remove all film at their cost. Contractor shall do a sample mock of 5 Sqm minimum of glass film), shall be approved from Architect/Client.</p>	109.00	Sq.mt	0.00	0.00
456	<p>Aluminium Skirting : Providing and Fixing of Aluminium Skirting as per approved make having width of 75 MM X thickness of 2mm made out of 6063 Grade Aluminium alloy duly powder coated as desired in the Ral Colour code decided by the architect having neat screw fixed arrangement with Rubber seal over it as per Manufacturers Specification. work complete as per the instruction of Architect. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description.</p>	308.00	Rmt	0.00	0.00
457	<p>Veneer panelling: Providing & fixing 12mm thick fire retardant marine plywood as per IS 710:2010 and IS 5509:2000 fixed on frame work finish with 4mm thick Veneer & matt finish monocoat polish. The frame work shall be made from square hollow aluminium anodised section size of 50x50x1.5 mm & 25x50x1.5 mm of approved make conforming to IS code. The framework shall be fixed as per drawing vertically @ 600 mm c/c & horizontal 600 mm c/c horizontally. All ply/wooden shall be treated with anti- termite treatment . Measurements for paneling work to be recorded upto finished false ceiling level only irrespective of aluminium frame work, which shall be provided from gr. level to RCC slab / beams soffit level. Rates shall also be inclusive of cost of making CNC/engraving /cut outs/ openings for electrical fixtures, tube lights /air-conditioners ,grills, diffusers etc & providing additional sections for strengthening around the openings/cutouts additional support for fixing of patch fittings for doors, making grooves between wall & board, in filled with termite treated wooden members if required or as per drawing /instruction of EIC. and no extra payment shall be considered for additional sections provided. All curved surfaces, recesses, waffles shall be part of the paneling including openable shutter wherever required area and finished with the same material. Work complete including all type of material, fittings , fixtures, Finish, loading , unloading , transportation, all leads ,accessories, groove, adhesive ,tape, headless nails, sample mockup, all floor , all levels, all heights etc complete as per detailed drawings ,specifications & instruction of Client/EIC. only the clear elevation area of finished plywood wall paneling with Veneer shall be measured and paid. sample mock shall be approved from Architect/Client. Basic Rate for material veneer - 120/Sqft.</p>	62.00	Sq.mt	0.00	0.00

458	Laminate Panelling : " -----Do -----" as per above item specification for complete work . using 1 mm thick laminate instead of veneer for panelling work, as per approved by Architect/Client. The rate shall be for all floors, at all heights, all shapes including CNC / Engraving and all costs. Equivalent to VNR Series Laminate.	113.00	Sq.mt	0.00	0.00
459	Artificial stone panelling: " -----Do -----" as per above item specification for complete work . Using 15 mm thick Artificial stone instead of veneer for panelling work. The rate shall be for all floors, at all heights, all shapes including all costs.	18.00	Sq.mt	0.00	0.00
460	Ventura Fluted Panelling : Americal walnut : 305 mm x 19 mm " -----Do-----" as per above item specification for complete work . using ventura fluted panel for panelling work, as per approved by Architect/Client. TThe rate shall be for all floors, at all heights, all shapes including all costs.	9.00	Sq.mt	0.00	0.00
461	Gypsum panelling: Gypsum panelling :The M/F wall lining includes 12.5mm Gyproc® Quattro Gypsum Board, screw fixed with drywall screws of 25mm at 300mm centers to one side of 45X18X0.5mm Gypliner ceiling channel (0.5mm thick having 18mm flange each made of GI Steel) placed at 600mm center to center in 195X29.5X0.9mm fixing bracket at 900mm c/c with 25X25X0.5mm Gypliner angle at bottom and top of the channel such a manner that joints staggered to avoid leakage through joints. Fixing strip of 75X0.5mm should be installed at horizontal joint of boarding. 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 and Joint Paper tape. 50mm Glasswool of density 20kg/m3 should be placed in metal frame.Necessary fabrication with anticorrosive paint work , scaffolding, anchor fasting , bolting HILTI or equivalent make with testing certified in scope of contractor)Rate shall include cost of making of all cut-outs for light fixtures, switchboards gadgets, gizmo, pelmets, grooves, beads cut out as per EIC instruction at siteThe rate shall be in sq.mt for all floors and at all heights including all costs. The shop drawing (or a sample mock of 5 Sqm minimum of the frame work and partition) shall be	38.00	Sq.mt	0.00	0.00
462	Accoustic Panelling : Providing and fixing Accoustic Panel board 9 mm thick Artois /Aerolite/ Ecotech as per approved make & Sample by Architect/ Client. Supplying Marco Polyester Fiber acoustic wall paneling.Thickness:- 9 MM Density:- 200 kg/m3 , NRC: - 0.75 @ 125-4000 Hz Noise. Fire performance:- Class A , Accoustic board fixing on wall directly with SR 505 Adhesive or otherwise fix on 6 mm thick base ply & framing work . Work Inclusive of Cutting as per detailed drawing and instruction of Architect. Including surface preparation, Including cost of all type of tools, tackles, all labour, scaffolding, transportation, cleaning, at all floor, all level, all depth, all Height, all lead and lift etc. etc.work complete as per the detailed drawing, approved sample, specifications and instruction of Architect/EIC. Sample mock shall be approved from Architect/EIC.Only the clear elevation area shall be measured and paid.	46.00	Sq.mt	0.00	0.00
463	Extra labor rate for providing various sizes as per the detailed drawing CNC cutting / Engraving work for any type of material approved by EIC / Architect. The rate shall be for all floors, at all heights, all shapes including all costs.	49.00	Sq.mt	0.00	0.00

464	Soft Board : Providing and fixing on wall 12mm thick approved quality soft board with cotton cloth/fabric of approved make and shade on 12mm thick IS 710 ply 50 mm th approved Glass wool sheet with PVC grip , as approved sample and as directed by EIC. The work shall be measured & paid in Sqm. for all floors, all level and at all heights including all costs .Only the clear elevation area of the cloth/fabric shall be measured and paid. All the work complete as per the detailed drawing , mockup sample and instruction of Architect/EIC.Basic rate of cotton cloth /fabric for 54" wide shall be Rs. 200/Rmt.	9.00	Sq.mt	0.00	0.00
465	Ply palmet : Providing and fixing wooden pelmets of upto 200 mm x 300 mm L shape made of 19mm thick ply as per IS 710 and beading of 4mm thick and 25mm wide Ghana Teak wood for projection screen. Rate to be inclusive of lipping, cutting, wastages, necessary fixtures, nails, adhesives, necessary scaffolding, fixing at all heights and for all floors as per drawing and approved sample etc should also take load of all the all roller blinds.	103.00	Rmt	0.00	0.00
466	Eyelet Curtain : For Suite room Supply and installation of Eyelet curtains (3 Plit curtain) of approved make as per architect selection . Double rod with front sheer curtain and back main curtain as per selection of architect. Work complete incldung all type of stiching , fixing , accessories ,nclusive of installation, material cost, labor, wastage, operating system all tools tackles, scaffoldings, hardware at all floors, all levels and heights, necessary edge binding with approved fabric and thread of colour similar to the colour of the blinds. Same rate shall be applicable for all heights and for all floors. height will be measured from top of the palmet to sill bottom lvl.height will be measured from top of the palmet to sill bottom lvl. MAIN FABRICS + SHEER FABRICS+ BLACKOUT : rate of Fabric is 950 / Rmt .	39.00	Sq.mt	0.00	0.00
467	Eyelet Curtain : For other area Supply and installation of Eyelet curtains(3 Plit curtain) of approved make as per architect selection . "-----Do-----" as per above specification for complete work . MAIN FABRICS + BLACKOUT : rate of Fabric is 650 / Rmt .	112.00	Sq.mt	0.00	0.00
468	Providing and fixing screen: Providing & fixing screen made from metal screen with combination of solid wooden frame and HDF board comination with required rosegold/Antique finish as per selection . As per design concept given by architect contractor shall provide final 3D design and instalation detail for approval of Architect . instalation including fixing from slab level & floor level also with necesory framework and groutingwork etc rate shall be inclusive of laser cutting work on Metal / HDF sheet.Rate to be inclusive of cutting, wastages, necessary fixtures, nails, adhesives, necessary scaffolding, fixing at all heights and for all floors as per drawing and approved sample etc.	27.00	Sq.mt	0.00	0.00

<p>469</p>	<p>Reception Table: @ 2100 x 750 x 1050 mm Providing and fixing Reception table unit consist main table with pedestal unit with all necessary accessories keyboard, CPU stand , cable manager, etc with all required necessary accessories. Front panel top: 15-18 mm thick Artificial stone / Quartz with ply structure finish & 4 mm thick Veneer with polish. Working Desk Top: 35 mm thick top comprising from IS 303 BWR ply with 4 mm thick Veneer with polish. Table front: As per detail drawing and reference image made from Artificial stone / 4 mm thick veneer with polish , backlit and logo engraving work complete as per detail drawing Verticle support: As per detail drawing and reference image made from 25 mm thick IS 303 BWR ply with 4 mm thick Veneer with polish providing and fixing as per requirement of socket and quantity Pop up tabletop electrical WIRE MANAGEMENT BOX SS finish. The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives consumable hardware & required SS 304 grade hardware/accessories, grooves pvc edge banding , etc of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill</p>	<p>1.00</p>	<p>Nos</p>	<p>0.00</p>	<p>0.00</p>
<p>470</p>	<p>GM table unit : Table top : 2400 x 900 x 750mm, Side Unit - 400 x 450 mm, Pedestal Unit-400x470X545. Providing and fixing table unit consist main table, side table ,back storage with pedestal unit with all necessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories. All finishes laminate,powder coating /anodizing shade shall be approved by architect. Rate shall inclusive of mock up sample providing and fixing at site of unit for approval of architect. All Table top : 50 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. Verticle support: comprising from IS 303 BWR ply with both side finish with 1 mm thick VNR Laminate Wire management: Raceway :0.8 mm thick CRCA horizontal and vertical raceways with metal separator .one way or two way openable flip top box mounted on table top squeeze :A special flexible rubber component that allows easy and safe passage of wires. All the exposed edges are sealed with 2mm thick PVC Imported edge banding on sides and bottom. The top and drawer facia are sealed with 2mm thick PVC edge. The drawer unit consists of 1 box drawer and 1 file drawer. The drawer box is fitted with telescopic channel Hettich or Haffle make for free movement. The drawer unit is provided with central locking system, where in the drawer are locked with one key.SS 304 recessed handles are provided for easy opening and closing of drawer. The drawer unit is fitted on castors (optional) for easy mobility. PVC edge banding are imported from Rehau or Dolken of Germany. The complete furniture unit is factory assembled with knock down fittings.Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, monocoat polish, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client. Equivalent to VNR Series Laminate.</p>	<p>1.00</p>	<p>Unit</p>	<p>0.00</p>	<p>0.00</p>

471	<p>DGM table unit : Table top : 2100 x 750 x 750mm, Side Unit - 1050 x 450 mm , Pedestal Unit-400x470X545. Providing and fixing table unit consist main table, side table ,back storage with pedestal unit with all necessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories. All finishes laminate,powder coating /anodizing shade shall be approved by architect. Rate shall inclusive of mock up sample providing and fixing at site of unit for approval of architect. All Table top : 35 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. " -----Do-----" as per above specification for complete work</p>	3.00	Unit	0.00	0.00
472	<p>Others cabin table unit : Table top : 1800 x 750 x 750mm, Side Unit - 1050 x 450 mm , Pedestal Unit-400x470X545. Providing and fixing table unit consist main table, side table ,back storage with pedestal unit with all necessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories. All finishes laminate,powder coating /anodizing shade shall be approved by architect. Rate shall inclusive of mock up sample providing and fixing at site of unit for approval of architect. All Table top : 35 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. " -----Do-----" as per above specification for complete work</p>	11.00	Unit	0.00	0.00
473	<p>Others cabin table unit: Table top : 1500 x 750 x 750 mm, Side Unit : 1200 x 450x 750 mm, Pedestal Unit-400x470X545. Providing and fixing table unit consist main table, side table ,back storage with pedestal unit with all necessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories. All finishes laminate,powder coating /anodizing shade shall be approved by architect. Rate shall inclusive of mock up sample providing and fixing at site of unit for approval of architect. Table top : 25 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. Verticle support: Combination of alumium extrusions(6005-T6) & aluminium dia cast component (LM-24).4.Horizontal Support: Aluminium extrusion (6005-T6) Or MS support with powder coated . Wire management: Raceway :0.8 mm thick CRCA horizontal and vertical raceways with metal separator .one way or two way openable flip top box mounted on table top squeeze :A special flexible rubber component that allows easy and safe passage of wires. All the exposed edges are sealed with 2mm thick PVC Imported edge banding on sides and bottom. The top and drawer facia are sealed with 2mm thick PVC edge. The drawer unit consists of 1 box drawer and 1 file drawer. The drawer box is fitted with telescopic channel Hettich or Haffle make for free movement. The drawer unit is provided with central locking system, where in the drawer are locked with one key.SS 304 recessed handles are provided for easy opening and closing of drawer. The drawer unit is fitted on castors (optional) for easy mobility. PVC edge banding are imported from Rehau or Dolken of Germany. The complete furniture unit is factory assembled with knock down fittings. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, monocoat polish, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client. Equivalent to VNR Series Laminate.</p>	2.00	Unit	0.00	0.00

474	<p>Discussion table : 2400 x 1200 x 750 mm "-----Do-----" as per above specification for complete work All Table top : 35 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client.</p>	1.00	Nos	0.00	0.00
475	<p>Discussion table : Dia : 1050 mm "-----Do-----" as per above specification for complete work All Table top : 35 mm thick postfoam top (reverse bull nose) with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client.</p>	1.00	Nos	0.00	0.00
476	<p>Head Table with One Drawer unit : 1500 x 750 x 750 mm Table Top : 25mm thick Exterior grade Prelaminated Partical board with matching PVC edge banding and aluminum flip up with anodized finish. Under structure : 25mm thick pre laminated Gable Ends with Ms Powder coated Beams. Modesty : 18 mm thick pre laminated partical board modesty Wire management : Powder coated wire tray with switch plate & PVC wire guard for wire management One Drawer Unit : Comprising from Exterior grade Prelaminated Partical board with matching PVC edge banding , handle & lock & key. All the exposed edges are with 2mm PVC edge Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. PVC edge banding are imported from Rehau or Dolken of Germany. Work complete including all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	5.00	Unit	0.00	0.00
477	<p>Desk System : 1200 x 600x 1050 mm Providing and fixing in position modular desk system as per approved make list. Table Top : 25mm thick exterior grade Prelaminated partical board (PLPB) / Post Laminate as per Architect Selection with matching PVC edgebanding from Rehau or Equivalent and aluminum flip up provision of size:- 350mm(W) x120mm(D) only anodized finish. Main Spine : 8mm Thick Laminate Galss of 750mm(W) x 300mm(H) on holding with anodised finish brackets Under structure : Aluminum Powder coated legs (End Legs) with die cast connectors and MS Powder coated 30x40mm beams are considered to support table top. Wire Management - Powder coated wiretray with switch plate and vertical cable risers for wire management Below Table Top Modesty : MS powder coated metal modesty in main spine at below table top Leg Modesty :MS powder coated metal modesty in legs at end of the cluster. Work complete including all parts with powder coating, metal cable raceway, metal cover panel to rising cables vertically, Privacy with coloured glass/ Soft board , Modesty , PVC edgeband, along with wire manager ,all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client</p>	4.00	Nos	0.00	0.00

478	<p>Workstation : Providing and fixing of Workstation top with necessary verticle support from of 25 mm thick top with exterior grade Prelam partical board / Post Laminate & Body parts comprising from 18 mm thick exterior grade prelam partical board / Post Laminate with openable shutter and shelves for files from Prelaminated Board or Post Laminate as per Architect Selection. All the exposed edges are with 2mm matching PVC edge banding from Rehau or Equivalent & sealed edges are with 0.8mm thick PVC Imported edge banding. SS 304 recessed handles are provided for easy opening and closing of shutter & Premium lock system. PVC edge banding are imported from Rehau or Dolken of Germany. Work complete including all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client .Only plan area shall be measured for payment.</p>	14.00	Sq.mt	0.00	0.00
479	<p>Pedestal Unit: @400mm(W) x 450mm(D) x 580mm(H) Top:- Made of 25mm thick E1 grade pre-laminated particle board / Post Laminate as per Architect Selection. Exposed Edges from matching PVC Edge Banding from Rehau / Equivalent Body:- Made of 18mm thick E1 grade pre-laminated particle board with Drawer 1 = 400W + 1 Filing drawer pedestal,and aluminum finish Thin profile Handle as per selection + lock and keys. The drawer box is fitted with telescopic chanel from hettich or haffle equivalent make for free movement. Work complete including all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client Work complete including all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client</p>	7.00	Nos	0.00	0.00
480	<p>Cabin Back side storage unit (750 H x 450 D) mm: Storage Comprising from IS 303 BWR 19 mm thick and 12 mm ply, finish with 1 mm thick Laminate finish as per approved make and shade by Architect. Storage top : 35 mm thick postfoam top with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. Solid Shutter : 25 mm thick comprising from IS 303 BWR ply & finish with 1 mm thick VNR Laminate . Shelf: 19 mm thk IS 303 BWR ply finish with both side approved laminate. Inner area shall be finished with linear laminate. Ledge/Niche comprising from IS 303 BWR ply finish with 1 mm thick Laminate , required lighting arrangement. The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives , grooves , consumable hardware & required SS 304 grade hardware/accessories , Profile handle , Wooden frame, monocoat polish , pvc edge banding , of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. Equivalent to VNR series laminate.</p>	28.00	Sq.mt	0.00	0.00

481	<p>PA Cabin Back side storage unit (750 H x 450 D) mm: Storage Comprising from IS 303 BWR 19 mm thick and 12 mm ply, finish with 1 mm thick Laminate finish as per approved make and shade by Architect. Storage top : 25 mm thick postfoam top with 1 mm thick VNR laminate finish as per approved make and sample by Architect/ Client. Solid Shutter : 25 mm thick comprising from IS 303 BWR ply & finish with 1 mm thick VNR Laminate . Shelf: 19 mm thk IS 303 BWR ply finish with both side approved laminate. Inner area shall be finished with linear laminate. Ledge/Niche comprising from IS 303 BWR ply finish with 1 mm thick Laminate , required lighting arrangement. The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives , grooves , consumable hardware & required SS 304 grade hardware/accessories , Profile handle , Wooden frame, monocoat polish , pvc edge banding , of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. Equivalent to VNR series laminate.</p>	6.00	Sq.mt	0.00	0.00
482	<p>Conference room table : Providing and fixing as per detail shape and size table unit consist table with all required necessary accessories. Table size :@5750L x 1500B x 750 mm Top 50 mm thick comprising from 15 mm thick Artificial stone as per approved sample (reverse bull nose) . Base & Vertical support comprising from IS 303 BWR ply with both side finish with 1 mm thick VNR Laminate Ply box for cable runway comprising from IS 303 BWR ply with both side 1 mm thick VNR laminate Rate inclusive of providing and fixing as per requirement of socket and quantity Pop up tabletop electrical WIRE MANAGEMENT BOX SS finish. The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives consumable hardware & required SS 304 grade hardware/accessories, grooves pvc edge banding , etc of approved make for all floors, monocoat polish, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Equivalent to VNR Series Laminate.</p>	1.00	Nos	0.00	0.00
483	<p>Dining area table : 5000 x 1800 x 750 mm : Providing & placing of Dining table as per drawing and ref Image. Table Top: 15-18 mm thick Artificial stone as per approved sample by Architect. Frame Structure: MS Hollow Box section with Powder coating as per drawing. item including of Including cost of all type of tools, tackles, scaffolding, all labour, materials, wastages, transportation, finishing, all type of fabrication & steel work, accessories, for all floors, all heights, all levels and all places within campus. Basic rate of Artificial stone 300/-Sq.ft</p>	1.00	Nos	0.00	0.00
484	<p>Dining area table : 2100 x 1200 mm : "-----Do-----" as per above specification for complete work. Use 18 mm thick Granite instead of Artificial stone . Basic rate of Granite is 120/ Sq.ft</p>	1.00	Nos	0.00	0.00
485	<p>Dining area table : 1800 x 750 mm : "-----Do-----" as per above specification for complete work. Use 18 mm thick Granite instead of Artificial stone . Basic rate of Granite is 120/ Sq.ft</p>	2.00	Nos	0.00	0.00

486	<p>Dining area chair : Type 1 Supplying and placing Fix Chair with Seat. as per approved and selection by Architect/ Client. Make: Amardeep or equivalent make as per approved make list. taperd Legs at the base duly polished. Work complete including all necessary Solid wood , polish , hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client. Basic rate of fabric 1000/ Rmt</p>	16.00	Nos	0.00	0.00
487	<p>Dining area chair : Type 2 Supplying and placing Fix Chair with Seat. as per approved and selection by Architect/ Client. Make: Novella 09 of Nilkamal or equivalent make as per approved make list .tapperd Legs at the base duly polished. Work complete including all necessary hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client</p>	20.00	Nos	0.00	0.00
488	<p>2 seater table with chair (Balcony area) Providing & Fixing of FOUR SEATER DINNING ROUND TABLE with chair as per drawings/ ref image. Make : HDPE material With High Quality Rattan UV protected table-top. Table Top : Glass , Leg : Metal leg with powdercoating Providing & Fixing of DINNING CHAIR as per detail drawings. Make : HDPE material With High Quality Rattan UV protected. Seating : Fabric Finish (Basic Rate of Fabric is Rs 500 Per Meter) Work complete including all necessary hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client</p>	4.00	Pair	0.00	0.00
489	<p>Double Bed with Back panel : Rooms 1 to 4 Bed : KING SIZE BED WITH HEADBOARD (SOLIDWOOD FINISH) as per detail drawings. Providing bed without under storage unit with necessary SOLID WOOD (Mango wood / Seesam) structure with polish as per approved make by Architect/Client. Solid wood shall be approved by Architect. Work complete including all type of material, Solid wood fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.</p>	4.00	Nos	0.00	0.00
490	<p>Side Unit : Rooms 1 to 4 : Size : 450 mm x 450 mm Providing and fixing side table with 2 drawers unit with necessary SOLID WOOD (Mango wood / Seesam) structure with polish as per approved make by Architect/Client. Solid wood shall be approved by Architect. Work complete including all type of material, Solid wood fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.</p>	8.00	Nos	0.00	0.00

491	Double Bed with Back panel : (For Suite room) Bed : KING SIZE BED WITH HEADBOARD (SOLIDWOOD FINISH) as per detail drawings. Providing bed without under storage unit with necessary SOLID WOOD (Mango wood / Seesam) structure with polish & Fabric finish as per approved make by Architect/Client. Solid wood shall be approved by Architect. Work complete including all type of material, Solid wood fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC. Farbic rate - 1000/ Rmt	2.00	Nos	0.00	0.00
492	Side Unit : Main building Suite room Providing and fixing side table with 2 drawers unit with necessary SOLID WOOD (Mango wood / Seesam) structure with polish as per approved make by Architect/Client. Solid wood shall be approved by Architect. Work complete including all type of material, Solid wood fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.	4.00	Nos	0.00	0.00
493	Single Bed with Back panel : Driver room Bed : Single size bed WITH HEADBOARD per detail drawings. Providing and fixing side table with 2 drawers unit with necessary IS 303 grade ply with laminate finish as per approved make by Architect/Client. Solid wood / Ply shall be approved by Architect. Work complete including all type of material, Solid wood fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC. Basic rate of Laminate is 35/ Sq.ft	5.00	Nos	0.00	0.00
494	Side Unit : Driver room Side unit comprising with IS 303 grade ply with laminate finish as per approved make by Architect/Client. Work complete including all type of material, hardware , fittings fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC. Basic rate of Laminate is 35/ Sq.ft	3.00	Nos	0.00	0.00
495	Writing desk : @ 450-500 mm width : Suite room Providing and fixing 35 mm thick Writing desk with drawer unit comprising from MR grade ply with 1 mm thick VNR laminate finish as per approved sample. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transporation, all leads ,accessories, PVC edge beading , sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC. Basic rate of VNR Laminate is 50/ Sq.ft	3.00	Rmt	0.00	0.00
496	Writing desk : @ 450-500 mm width : Rooms 1 to 4 "-----Do-----" as per above specification for complete work Basic rate of VNR Laminate is 45 Sq.ft	14.00	Rmt	0.00	0.00
497	Writing desk & Living room chair : Suite room Supplying and placing Fix Chair with Seat. as per approved and selection by Architect/ Client. Make: Delta of Amardeep or equivalent make as per approved make list Work complete including all necessary Solid wood , polish , hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client. Basic rate of fabric 1000/ Rmt	10.00	Nos	0.00	0.00

498	Writing desk & room chair : Rooms 1 to 4 Supplying and placing Fix Chair with Seat. as per approved and selection by Architect/ Client. Make: Delta of Amardeep or equivalent make as per approved make list. Work complete including all necessary Solid wood , polish , hardware and fittings , mock up sample, loading,unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client. Basic rate of fabric 800/ Rmt	8.00	Nos	0.00	0.00
499	Double Bed Mattress : Size : King size bed mattress : 5.5'X6'X8" : For Suite room Mattress of Kurlon, Sleepwell, springfit,Peps Industries Pvt. Ltd, Spring Air. or as per approved make and sample by Architect . Model equivalent to SPRING AIR BASIC - DOUBLE POSTURE : BONNELL P.U. FOAM BOTH SIDE : 5.5'X6'X8" Mattress comprising from Bonded foam with softy sandwich layer of 100mm thick with 50mm thick softy foam which is from standard make, Both foam are fix with standard glue with both side kwilted cotton fabric cover, Bed all edges are stitch with piping finish with standard finishing, Cotton kwilt of Dark colour decorative shade require & mockup sample approved by the Architect/ EIC. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.	2.00	Nos	0.00	0.00
500	Double Bed Mattress : Size : King bed size mattress : 5.5'X6'X 6" : Other room Mattress of Kurlon, Sleepwell, springfit,Peps Industries Pvt. Ltd, Spring Air. or as per approved make and sample by Architect . Model equivalent to SPRING AIR BASIC - DOUBLE POSTURE : BONNELL P.U. FOAM BOTH SIDE : 5.5'X6'X8" Mattress comprising from Bonded foam with softy sandwich layer of 100mm thick with 50mm thick softy foam which is from standard make, Both foam are fix with standard glue with both side kwilted cotton fabric cover, Bed all edges are stitch with piping finish with standard finishing, Cotton kwilt of Dark colour decorative shade require & mockup sample approved by the Architect/ EIC. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.	4.00	Nos	0.00	0.00
Total Amount				0.00	0.00
K	Part-11			0.00	0.00
501	Single Bed Mattress : SPRING AIR BASIC - SINGLE BASIC P.U.FOAM MEDIUM : 3'X6'X4" Mattress of Kurlon, Sleepwell, springfit,Peps Industries Pvt. Ltd, Spring Air. or as per approved make and sample by Architect . Mattress comprising from Bonded foam with softy sandwich layer of 100mm thick with 50mm thick softy foam which is from standard make, Both foam are fix with standard glue with both side kwilted cotton fabric cover, Bed all edges are stitch with piping finish with standard finishing, Cotton kwilt of Dark colour decorative shade require & mockup sample approved by the Architect/ EIC. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.	5.00	Nos	0.00	0.00

502	Pillow : 17" x 27" Providing and supplying standard make full size recron pillow . Pillow cover stitched properly with standard stitching. Pillow of standard quality with stadard make. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	17.00	Nos	0.00	0.00
503	CUSHION : 16 " x 16" Providing and supplying Cushion (Recron) as per approved make & Sample Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	32.00	Nos	0.00	0.00
504	Cushion cover : Providing and supplying as per approved make & Sample of cushion cover (Polyester / Cotton) . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	26.00	Rmt	0.00	0.00
505	Bedcover for double bed of suite room Providing and supplying double bed bed cover (cotton) as per approved make & Sample . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	2.00	Nos	0.00	0.00
506	BEDSHEETS WITH PILLOW COVER : (White 250 TC) : For Double bed Providing and supplying bedsheet with pillow cover as per approved make & Sample . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	6.00	Nos	0.00	0.00
507	BEDSHEETS WITH PILLOW COVER : (White 250 TC) : For Single bed Providing and supplying bedsheet with pillow cover as per approved make & Sample . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	2.00	Pair	0.00	0.00
508	BED RUNNER WITH STITCHING : Providing and supplying as per approved make & Sample of Bed runner cover (Polyester / Cotton) . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	12.00	Rmt	0.00	0.00
509	Carpet : 1200 x 1700 mm Providing and supplying polyster carpet of D Decor as per approved make & Sample Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.	6.00	Nos	0.00	0.00

510	<p>WARDROBE ,LUGGAGE RACK MIROOR AND PANTRY COUNTER WITH FRIDGE STORAGE : For Other room Providing & Fixing of WARDROBE ,LUGGAGE RACK MIROOR AND PANTRY COUNTER WITH FRIDGE STORAGE as per detail drawings. Size : 2400 mm length total and 600mm width Comprising from IS 303 grade ply , laminate finish , necessary hardware , fittings haffel / hettich , with PVC edge finish , Top- 15 mm thick Artificial stone 150 Rs/Sqft , Drawer- 3 nos ,Niche- with glass shelf. Shutter : Openable Shutter . Hardware : Haffele/Hettich . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, all taxes , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per Shop drawings ,specifications & instruction of Client/EIC.Basic rate of VNR Laminate is 50/ Sq.ft</p>	4.00	Set	0.00	0.00
511	<p>TV Ledge : Providing and fixing 35 mm thick Writing desk comprising from MR grade ply with 1 mm thick VNR laminate finish as per approved sample. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC. Basic rate of VNR Laminate is 50/ Sq.ft</p>	17.00	Rmt	0.00	0.00
512	<p>Wardrobe with luggage rack & Shoe rack : Veneer finish finish Providing, making and fixing wardrobe units in position as per drawings. Front solid shutter : 25 mm thick IS 303 BWR ply with both side Veneer finish with polish Back side : 12 mm thick IS 303 BWR ply with one side Veneer finish with polish Bottom & Side ,shelves/Divider : 303 BWR ply with Veneer finish with polish Hardware : All necessary brass satin finish nickel plated/ S.S 304 grade (hardware from Hettich like Auto Hinges, handle, Multipurpose lock, Telescopic channel, S.S. pipe oval Hettich (047 615) , tower bolts, ball catches/Magnet, hydraulic hinges etc as per approved sample. Skirting : 75 mm ht skirting with laminate finish. Edge Finish : All the exposed edges are with 2mm PVC edge Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. Work complete including all type of material,Haffele/ Hettich fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights ,necessary grooves etc complete as per detailed drawings ,specifications & instruction of Client/EIC Basic Rate for material only teak veneer - 120/Sqft.</p>	8.00	Sq.mt	0.00	0.00
513	<p>Below counter Storage with Veneer finish : " -----Do----- as per above specification for complete work . Using 4 mm thick veneer with PU polish instead of Laminate. Basic Rate for material only teak veneer - 120/Sqft.</p>	5.00	Sq.mt	0.00	0.00
514	<p>Below counter Storage with VNR laminate finish : " -----Do----- as per above specification for complete work . Using 1 mm thick VNR laminate instead of Veneer . Basic Rate of VNR laminate is 50/ Sq.ft</p>	3.00	Sq.mt	0.00	0.00

PRICE BID-GMDC Ltd, Bhavnagar

515	<p>Pantry below storage : Providing, making, fixing as per detail drawing made from 19 mm IS 710 BWP ply structure and both side 1 mm th laminate finish shall be of approved make & shade and as per the detail drawing. All the edges of ply shall be covered with Laminate finish Rate shall also inclusive of all necessary brass satin finish nickel plated/S.S 304 grade hardware like Hinges, locks,6"handle , 75 mm tower bolts, ball catches/Magnet, The rate shall be inclusive of shelf both side laminated finish and as per detail drawer unit with SS 304 grade kitchen basket as per selction by architect The rate shall be in sqm of elevation area for all floors and at all heights including all costs complete as per the Architectural drawings & instructions.Only the elevation area of the storage unit will be measured and paid for. Item for laminate fixing and polishing is included in this item. Approval of all loose material (sample of materials to be used) & raw manufacturing to be got approved in advance from EIC & Architect prior to the final production of the work. Manufacturing shall in parts or as whole as per the requirements & or assembled at site as per the requirement and directed by EIC & Architect. All material to be used shall be as per the drawings & confirm to the relevant detailed material specifications of this document. The work shall be measured & paid in sqm The rates shall be inclusive of all wastages, material, labor, transportation, loading, unloading, fixing in position, etc. complete to the satisfaction of the Architect and EIC. The mock-up of 1 unit shall be approved from EIC and Architect prior to the final production . Basic rate of laminate is 45 /Sqft.</p>	20.00	Sq.mt	0.00	0.00
516	<p>Pantry above storage -350DX600 H: Providing, making, fixing as per detail drawing made from 19 mm IS 710 BWP ply structure aand both side 1 mm th laminate finish shall be of approved make & shade and as per the detail drawing. All the edges of ply shall be covered with Laminate finish Rate shall also inclusive of all necessary brass satin finish nickel plated/S.S 304 grade hardware like Hinges, locks,6"handle , 75 mm tower bolts, ball catches/Magnet, The rate shall be in sqm of elevation area for all floors and at all heights including all costs complete as per the Architectural drawings & instructions.Only the elevation area of the storage unit will be measured and paid for. Item for laminate fixing and polishing is included in this item. Approval of all loose material (sample of materials to be used) & raw manufacturing to be got approved in advance from EIC & Architect prior to the final production of the work. Manufacturing shall in parts or as whole as per the requirements & or assembled at site as per the requirement and directed by EIC & Architect. All material to be used shall be as per the drawings & confirm to the relevant detailed material specifications of this document. The work shall be measured & paid in sqm. The rates shall be inclusive of all wastages, material, labor, transportation, loading, unloading, fixing in position, etc. complete to the satisfaction of the Architect and EIC. The mock-up of 1 unit shall be approved from EIC and Architect prior to the final production . Basic rate of laminate is 45 /Sqft.</p>	20.00	Sq.mt	0.00	0.00
517	<p>Waiting area Center Table: size of bigger table-2'6" Dia and smaller table-2' Dia Providing & fixing of center table : Top comprising from Solid wood / HDF with finish with PU polish Vertical support from Metal with powder coating .Work complete including all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	7.00	Set	0.00	0.00
518	<p>Waiting Lounge area Corner Table: Size-1'6" Dia " -----Do-----" as per above specification for complete work.</p>	14.00	Nos	0.00	0.00
519	<p>Room center table : Suite Room : 2' 6" Diameter " -----Do-----" as per above specification for complete work.</p>	2.00	Nos	0.00	0.00

520	Room Corner table : Suite Room : Size : 1'6" Diameter " -----Do-----" as per above specification for complete work.	2.00	Nos	0.00	0.00
521	GMD cabin Center Table: @750 x 750 x 400 mm Center table : 25 mm thick Solid wooden top with matt finish monocoat polish. Vertical support: solid woode Leg with matt finish monocoat polish with busher. Work complete including Providing & fixing , all necessary hardware and fittings, mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	2.00	Nos	0.00	0.00
522	Corner table : 450 x 450x 400 mm " -----Do-----" as per above specification for complete work.	2.00	Nos	0.00	0.00
523	Waiting area Center Table: 750 x 750 x 400 mm Table top: 15 mm thick Artificial stone top. Vertical support: solid woode Leg with matt finish monocoat polish with busher. Work complete including Providing & fixing , all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	2.00	Nos	0.00	0.00
524	Waiting area Corner Table: 450 x 450x 400 mm " -----Do-----" as per above specification for complete work.	2.00	Nos	0.00	0.00
525	Conference room Drawer & TV Unit : 1500x 510 x 400 mm Providing & fixing TV drawer unit as per detail shape & size with require accessories Top 35 mm thick comprising from 12 mm th IS 303 ply & veneer finish with matt finish monocoat polish, Storage body is comprising from 19mm 303 BWR ply with veneer finish and inner side 1 mm th laminate finish including require nos of drawer with all type of fittings, cut-out for air circulation, require fixtures, hardware Hettich/Haffle make etc complete. SS 304 grade conceal handle shall be provide as per approved selection & detailed drawing and instruction of Architect/EIC. The work shall be done as per the approved specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives consumable hardware & required SS 304 grade hardware/accessories of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. The unit shall be manufactured in parts and these parts shall be assembled at site. Basic rate of teak veneer is 120 /Sqft	1.00	Nos	0.00	0.00
526	Waiting lounge area Sofa (One Seater) : @ 900(L) x 870 mm (B) x 800 mm (H) comprising up of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density & back shall be 32 density foam & finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external & internal exposed woodwork to be finished in PU semi gloss finish polish. .The work shall be done as per drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic rate of fabric is 1000/ Rmt	4.00	Nos	0.00	0.00

527	<p>Waiting lounge area Sofa (two Seater): 1500mm (L) x 870 mm (B) x 800 mm (H) "-----Do-----" as per above specification for complete work . Basic rate of fabric is 1000/ Rmt</p>	10.00	Nos	0.00	0.00
528	<p>Waiting Lounger chair : Providing & Fixing of SINGLE SEATER SOFA as per detail drawings. Make : Solidwood Structure : Solidwood Outside : Fabric Finish (Basic Rate of Fabric is Rs 1000 Per Meter) Leg : Solidwood Finish : Approved Shade Polish on Wooden Leg The work shall be done as per the drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic rate of fabric is 1000/ Rmt</p>	6.00	Nos	0.00	0.00
529	<p>Sofa : Three seater (Suite room) : 2100 (L) x 870 mm (B) x 800 mm (H) comprising of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density & back shall be 32 density foam & finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external & internal exposed woodwork to be finished in PU semi gloss finish polish. .The work shall be done as per the drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic rate of fabric is 1000/ Rmt</p>	2.00	Nos	0.00	0.00
530	<p>Sofa : One seater (Suite room) : comprising of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density & back shall be 32 density foam & finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external & internal exposed woodwork to be finished in PU semi gloss finish polish. .The work shall be done as per the drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic rate of fabric is 1000/ Rmt</p>	2.00	Nos	0.00	0.00
531	<p>Lounger chair : Suite room "-----Do-----" as per above specification for complete work. Basic rate of fabric is 1000/ Rmt</p>	2.00	Nos	0.00	0.00

532	GMD cabin Sofa (Two seater): 1500 (L) x 870 mm (B) x 800 mm (H) comprising of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density & back shall be 32 density foam & finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external & internal exposed woodwork to be finished in PU semi gloss finish polish. .The work shall be done as per the drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic Rate of Fabric : 800 Rmt	2.00	Nos	0.00	0.00
533	GMD cabin Sofa (One seater): 900 (L) x 870 mm (B) x 800 mm (H) " -----Do-----" as per above specification for complete work. Basic Rate of Fabric : 800 Rmt	1.00	Nos	0.00	0.00
534	Console : Providing & fixing Console complete as per drawing/Ref Image. Approx size : 1500 x 400 x 600 mm made from up of 19 mm thick BWR grade ply & finished of Veneer with PU polish as per approved make and shade and solid wooden leg with matt finish monocoat polish as per drawing. Rate shall be inclusive of providing, fixing all necessary brass satin finish nickel plated/ S.S 304 grade (hardware from Hettich like Auto Hinges, handle, Rod locks, Multipurpose lock, Rate shall be inclusive of internal shelves of 19mm thick IS 303 BWR ply and laminate , PVC edge beading . All external & internal exposed woodwork to be finished in PU semi gloss paint finish polish as per specified item's manufacturer's specifications.Rate shall inclusive of providing mock up sample for approval of architect. Basic Rate for material only veneer - 120/Sqft.	8.00	Nos	0.00	0.00
535	Planter box: Providing making, fixing as per detail drawing and required length and depth shall be made from 19mm IS 710 BWP ply with both side laminate finish and providing lighting arrangement cutout and fixing as per detail drawing and instruction. Rate shall inclusive all necessary hardware and fitting, ms framing, paint. The work shall be done as per the specifications, sample approved and as directed by the Architect/ Client. Rate shall inclusive of providing mockup sample for approval of Architect/ Client. Rate shall be inclusive of all materials, loading, unloading, transportation, placing at all floors and for all leads, polishing and all accessorie, sample mockup etc as described in item description.work complete as per the instruction of Client/EIC.	9.00	Sq.mt	0.00	0.00
536	Planter box finished with Coloured HDF : " -----Do-----" as per above specification for complete work . Only 8 MM thick Coloured HDF with PU polish instead of Laminate finish.	3.00	Sq.mt	0.00	0.00
537	Texture paint : Wall painting two coats with Stucco of Asian or equivalent approved brand in any shades and colour as directed on wall surface to give an even shade including applying of a one coat of Penetrating prmer or equivalent and two coats of paint, scaffolding to at any height with all labour and material thoroughly brushing the surface free from mortar droppings and other foreign matter and sand prepared smooth etc. complete. The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing. The primer / paint application is to be done with the rollers. rate shall be including, safety measures , crack filling and levelling as per manufacturers specification. Top coat should have. 1) Low VOC content. 2) Crack Bridging ability upto 2.6 mm. 3) 100% pure acrylic emulsion 4) Anti-Carbonation concrete protection 5) Very Low Flame spread 6) Superior Washability	138.00	Sq.mt	0.00	0.00

538	<p>Art work: Providing and fixing in position commissioned art works inside the building on the wall or ceiling and extension of the same till floor/ceiling. The composition of the commissioned art work shall be from any type of wood, metal like copper, brass, SS, MS, fabric, acrylics, rubber, plastic, tough boards, cement fibre board, HDF board, artificial stone, natural stone, gypsum, POP etc. all. The form of material may also vary based on material properties like sheets, wires, blocks, inclusion of cut-outs, bending of the materials, profile cutting and shaping of the materials, manufacturing at site as well as at site, covering the prepared material by means of the bubble sheets, jute bags or in wooden packing materials. The commissioned art work may require any shade, finish and texture of duco painting, specialty painting, PU painting, general painting to paintable surfaces, galvanizing, powder coating, anodizing etc.. The base surface where the commissioned art work is to be installed also needs some modification to enhance the effect of art works. The use of material like fibre glass wool/ boards, filler fabric, mounting material may also be essential based on the design of the art work by artist. The rate shall be inclusive of any type of lighting features to be added into it includes LED lights, neon lights including its supporting and suitable wiring for the same within the art works. Only one electrical control point connection will be given as close to art works. The rate shall be inclusive of making necessary provisions within the commissioned art works of fixing of the same. The provisions of the fixing of the art work may be in parts but it shall be inclusive of the all arrangements like LN key, studs, anchors, nuts and bolts etc. all.. The concept of the art work will be generated by architect and interior designer and based on that offers from the artists to be invited for design and execution of the artwork. The selection of the artist is to be done by architect and interior designer only. Main contractor is bound to follow the methodology suggested by architect and interior designer to be followed for development of commissioned art work. Contractor shall submit 3d model/sketch as per given concept by Architect for further approval of design. Appointed artist shall provide basic mock-up sample as per architect requirement for approval. The overall outline area covered by art work is to be considered for the measurement instead of actual area of art work. The quotations of the artist shall be got approved in advance including area of the proposed art works. Total payment of the artwork will be done as per basic rate and difference between actual cost per sqm and basic rate per sqm will be added or deducted without any consideration of the, overhead and profit over the difference. It is the responsibility of the main contractor to provide scaffolding, power, water, facilitating the areas required for developments and storage of the art work etc. The protection and cleaning of the pre and post installation of the art work is the responsibility of the main contractor.</p>	29.00	Sq.mt	0.00	0.00
539	<p>Signages : Providing and fixing signages comprising form SS 304 grade plate with Vinyl film letter , HDF finish as per instruction of Architect/EIC. Contractor shall submit mock up sample.</p>	12.00	Sq.mt	0.00	0.00
540	<p>Logo Work : Providing and fixing standard Logo using virgin acrylic or other material like Colored HDF/cementsheet /SS plate with CNC work complete as per architect selection , letters as per detailed drawings and fixed with approved adhesive with necessary fittings and provision shall be made for conceal LED light as per detail drawing. (logo size will be approx. Size - 600 mm dia)</p>	5.00	Nos	0.00	0.00
541	<p>Signages: 3D letters with LED : Wall Mounted Material : 3 mm thick exterior grade premium quality ACP sheet (0.25 mm foil thickness) & and 3D Embossed virgin acrylic/aluminum letters as per approved make and sample by Architect/ Client. Led Light : Rishang(Korea) and SMPS as per approved make and sample by Architect/ Client. The rate shall be for complete item of Designing , providing , fixing & erection , inclusive of all material, labor, wastages, necessary tools & tackles, adhesives, required hardware/accessories , any type of framing work , engraving , required civil work with finishing , LED light . Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transportation, , all leads ,accessories, sample mockup, all floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.</p>	60.00	Sq.mt	0.00	0.00

542	<p>Cabin Furniture table with side unit : 1800 X 750 X 750 mm Providing and fixing table unit consist main table with pedestal unit with all necessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories. Top: 25 mm thick postfoamed top finish with laminate as per approved sample & make. Postform top with both side or single side round /beveled edge finish as per recommendation of architect and other side edges shall be finish by matching 2mm PVC edge Imported banding. Modesty panel : Comprising from 18 mm thick exterior grade MDF finish with both side laminate and edge finish with matching with 2mm PVC edge Imported banding. Verticle support: Combination of alumium extrusions(6005-T6) & aluminium dia cast component (LM-24).4.Horizontal Support: Aluminium extrusion (6005-T6) Or MS support with powder coated . Wire management: Raceway :0.8 mm thick CRCA horizontal and vertical raceways with metal separator .one way or two way openable flip top box mounted on table top squeeze :A special flexible rubber component that allows easy and safe passage of wires. Pedestal unit: Comprising from 18 mm th exterior grade pre lam board. All the exposed edges are sealed with 2mm thick PVC Imported edge banding on sides and bottom. The top and drawer facia are sealed with 2mm thick PVC edge. The drawer unit consists of 1 box drawer and 1 file drawer. The drawer box is fitted with telescopic channel Hettich or Haffle make for free movement. The drawer unit is provided with central locking system, where in the drawer are locked with one key.SS 304 recessed handles are provided for easy opening and closing of drawer. The drawer unit is fitted on castors (optional) for easy mobility. PVC edge banding are imported from Rehau or Dolken of Germany. The complete furniture unit is factory assembled with knock down fittings. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads,</p>	1.00	Unit	0.00	0.00
543	<p>Cabin head chair : Model equivalent to Lotus 01 : High Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	1.00	Nos	0.00	0.00
544	<p>Visitor Chair : cabin : Medium Back Revolving Chair Model equivalent to Lotus 02 : Medium Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	2.00	Nos	0.00	0.00
545	<p>Chair Type- 1A (GMD cabin Head Chair)- Model equivalent make - HOF MAR-1003 High Back : * Chair in Moulded Ply with Head Rest. * Double Cladding.* High Density PU Foam in Seat & Back. * Chrome Arms & Cushion on it.* Multi Tilt Mechanism.* Chrome Base & Gas Lift. Work complete as per the approved sample & instruction of EIC. Rate shall be inclusive of all materials, loading, unloading, transportation, placing at all floors and for all leads, polishing and all accessories as described in item description.</p>	1.00	Nos	0.00	0.00

546	Chair Type - 2A (GMD cabin Visitor Chair) -Model equivalent make - HOF MAR-1003 Mid Back : * Chair in Moulded Ply with Head Rest. * Double Cladding.* High Density PU Foam in Seat & Back. * Chrome Arms & Cushion on it.* Multi Tilt Mechanism.* Chrome Base & Gas Lift. Work complete as per the approved sample & instruction of EIC. Rate shall be inclusive of all materials, loading, unloading, transportation, placing at all floors and for all leads, polishing and all accessories as described in item description.	3.00	Nos	0.00	0.00	
547	Chair Type-3A (Conference Room Head chair) -Model equivalent make - Model equivalent to Lotus 01 : High Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	1.00	Nos	0.00	0.00	
548	Chair Type-4A (Conference Room other chair) -Model equivalent make - Model equivalent to Lotus 02 : Mid Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	14.00	Nos	0.00	0.00	
549	Chair Type-5A (Other cabin Head Chair) -Model equivalent make - Model equivalent to Lotus 01 : High Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	16.00	Nos	0.00	0.00	
550	Chair Type-6A (Other visitor Chair) -Model equivalent make - Model equivalent to Lotus 02 : Mid Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	35.00	Nos	0.00	0.00	
Total Amount					0.00	0.00
L	Part-12			0.00	0.00	

551	<p>Chair Type-6A (Other area Chair) -Model equivalent make - Model equivalent to Vento 02 : Mid Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	30.00	Nos	0.00	0.00
552	<p>Chair Type-7A (Tablet Chair) -Model equivalent make - Model equivalent to Vento 02 : Mid Back Revolving Chair as per approved make list. Chair With frame in MS, PU foam in back & Moulded PU Seat, Chrome Arms with PU cladding & Synchro Mechanism, Chrome base, & Gas Lift. Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	42.00	Nos	0.00	0.00
553	<p>Magazine rack : Providing & Fixing of MAGAZINE RACK as per detail drawings. Make : Metal Finish .Structure : Metal Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	6.00	Nos	0.00	0.00
554	<p>Dressing Mirror : 900 x 2100 Providing & Fixing of DRESSING MIRROR as per detail drawings. Make : MR Grade Plywood Structure : Plywood + Mirror Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	2.00	Nos	0.00	0.00
555	<p>Puffy : Providing & Fixing of Puffy as per approved sample by Architect. Make : Solidwood , Structure : Solidwood , Finish : Fabric Finish (Basic Rate of Fabric is Rs 800 Per Meter) Leg : Wooden Leg Finish : Approved Shade Polish on Wooden Leg Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	2.00	Nos	0.00	0.00
556	<p>Metal wall cloak (350mm dia) : Providing, and fixing Metal wall clock as per sample approved by architect . Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.</p>	18.00	Nos	0.00	0.00

557	Custmised wall painting Canvas painting with frame work :Providing making painting/polishing and Fixing in position of wooden frames having profile as per drawing and sizes as specified for paintings with card board mounting /canvas frames including backing of required thickness of hardboard / ply board(IS 303 BWR) backing. Frame shall be hanged on the wall using key hole chaplas fixed at the back part of the frame at all heights, all floors and all levels. The rates shall be inclusive of all material, labour, wastage, antitermite treatment, polishing all tools tackles etc complete. Sample of the frame shall be got approved by Architect prior to manufacturing on large scale. D) Wooden Frames for Canvas Work as per drawings: Frame Size - 75mm x20mm Wood Work - Burma Teak Wood Frame shall be finished with PU polish work. The art work shall be hanged on the wall using heavy duty approved key-hole chaplas	8.00	Sq.mt	0.00	0.00
558	Painting : Providing Wall paiting as per Architects selection . Basic rate of painting is 3000/- Nos Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	27.00	Nos	0.00	0.00
559	Artifacts : Providing and supplying Artifacts as per selection . Glass/Metal/Fiber/Ceramic Basic rate of Artifacts is - 2500 Nos Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	45.00	Nos	0.00	0.00
560	Door mat : 400 mm X600 mm Providing and supplying Antiskid Door mat (BATHMAT - OBSESSION (DIANA)) as per selection . Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	24.00	Nos	0.00	0.00
561	Door mat : 450 mm X750 mm Providing and supplying DOORMAT- SUPERLIVING (MATH WITH RUBBER BACKIN) POLYSTER/JUTE as per selection . Work complete including all necessary fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client.	30.00	Nos	0.00	0.00
562	Dustbin : Providing and placing in position SS brush finish (5 LTS PEDAL BIN/ STEP BIN -) of Karma Square Pedal bin 10x15 Stainless Steel Dustbin or Equivalent as per images and as selected by the Architect.	53.00	Nos	0.00	0.00
563	Dustbin : Providing and placing in position SS brush finish (12 LTS PEDAL BIN/ STEP BIN -) of Karma Square Pedal bin 10x15 Stainless Steel Dustbin or Equivalent as per images and as selected by the Architect.	11.00	Nos	0.00	0.00

564	<p>Full Height Storage with Laminate Finish : 450 mm Depth Storage Comprising from IS 303 BWR 19 mm thick and 12 mm ply, finish with 1 mm thick Laminate finish as per approved make and shade by Architect. Solid Shutter : 25 mm thick comprising from IS 303 BWR ply & finish with 1 mm thick Laminate . Shelf: 19 mm thk IS 303 BWR ply finish with both side approved laminate. Inner area shall be finished with linear laminate. Ledge/Niche comprising from HDF / Lacquered glass finish w, required lighting arrangement. The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives , grooves , consumable hardware & required SS 304 grade hardware/accessories , Profile handle, Wooden frame, monocoat polish, pvc edge banding of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. Equivalent to VNR series laminate.</p>	113.00	Sq.mt	0.00	0.00
565	<p>4'ft height storage: 450 mm Depth Storage unit top made up of 25 mm thk MDF Exterior grade The top has a post formation round edge finish with both side laminate .Storage body is made of 18mm thick MDF top with exterior grade finish with both side 1 mm the laminate . Shutter finish with both side 1 mm th laminate. The back of the unit is made from 9mm prelaminated board. All the exposed edges are with 2mm PVC edge Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. Having premium lock with wave key technology and side and hinged shutters are sealed with 2mm thick PVC edge banding.SS 304 recessed handles are provided for easy opening and closing of shutter. The units are assembled by knock down fittings such as Minifix & Dowels. All the hardware and Hinges are from Enox/Ebco. PVC edge banding are imported from Rehau or Dolken of Germany .Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, monocoat polish, placing at all floors and for all leads, all accessories as described in item description. As approval of EIC. All the work complete as per the detailed drawing , mockup sample and instruction of Architect/EIC. Work complete as per the instruction of EIC. Equivalent to VNR series laminate.</p>	33.00	Sq.mt	0.00	0.00
566	<p>Below counter Storage with VNR laminate finish : " -----Do----- as per above specification for complete work . Using 1 mm thick VNR laminate instead of Veneer . Basic Rate of VNR laminate is 50/ Sq.ft</p>	7.00	Sq.mt	0.00	0.00
567	<p>Trophy display Unit : Storage Comprising from IS 303 BWR 19 mm thick and 12 mm ply, finish with 1 mm thick Laminate finish as per approved make and shade by Architect. Glass shutter : 10 mm thick toughened glass shutter with necessary aluminium profile/hardware and fittings , accessories etc complete.Shelf: 19 mm thk IS 303 BWR ply finish with both side approved laminate. Inner area shall be finished with linear laminate.Ledge/Niche comprising from IS 303 BWR ply finish with 1 mm thick Laminate , required lighting arrangement. The work shall be done as per the detailed drawing , specifications, sample approved and as directed by the Architect/Client. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, adhesives , grooves , consumable hardware & required SS 304 grade hardware/accessories , Profile handle , Wooden frame , pvc edge banding , of approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. Equivalent to VNR series laminate.</p>	7.00	Sq.mt	0.00	0.00

568	<p>Carpet Flooring Work: Providing & laying carpet flooring as per approved make & Sample by Architect. Carpet fixed with SR 505 Pidilite or equivalent tile adhesive and underlay foam material. carpet should be laid as closure to each other. Contractor will take care for level matching with other area flooring. Scope includes labour, under lay material, disposal of debris, necessary cutting of tiles without damaging the edges, including to provide & fixing of SS 304 finish end profile, skirting, edge profile etc to protect and cleaning, etc. complete. All works are carried as per detail drawing / instruction of architect / EIC. Before laying carpet contractor shall prepare even surface as per required. equivalent Welspun Relay Welspun : Carpet tiles Lime AC:CT000702 : Iron AC:CT000705</p>	45.00	Sq.mt	0.00	0.00
569	<p>Compactor storage : Double face mobile unit Providing and fixing of Compactor unit Kompres or equivalent make as per approved sample. Size : @3290 mm x 630 mm x 2535 mm Ht Shelves & Compartments as per drawing Capacity 60Kgs. UDL /Compartment. Each Mobile Unit will have Mechanical arrangement Each Component of the System will be treated with rust preventve treatment and will be powder coated as per approved sample. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing, mockup sample and instruction of Architect/Client.</p>	10.00	Nos	0.00	0.00
570	<p>Compactor storage : Single face unit Providing and fixing of Compactor unit Kompres or equivalent make as per approved sample. Size : 3290 mm x 340 mm x 2535 mm Ht Shelves & Compartments as per drawing Capacity 60Kgs. UDL /Compartment. Each Mobile Unit will have Mechanical arrangement Each Component of the System will be treated with rust preventve treatment and will be powder coated as per approved sample. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing, mockup sample and instruction of Architect/Client.</p>	2.00	Nos	0.00	0.00
571	<p>Compactor storage : Single face mobile unit Providing and fixing of Compactor unit Kompres or equivalent make as per approved sample. Size : 3290 mm x 340 mm x 2535 mm Ht Shelves & Compartments as per drawing Capacity 60Kgs. UDL /Compartment. Each Mobile Unit will have Mechanical arrangement Each Component of the System will be treated with rust preventve treatment and will be powder coated as per approved sample. Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing, mockup sample and instruction of Architect/Client.</p>	2.00	Nos	0.00	0.00

572	<p>Compactor : Floor rail Providing and fixing of Floor rail equivalent make as per approved sample. Optimiser Drive type-Sew Track (Code: TR) (Floor Rail) Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client.</p>	20.00	Rmt	0.00	0.00
573	<p>Manual Roller blinds : ROLLER EOS 5-11 : WHITE-PEARL 5% Fabric specification : Sunscreen mario fabric made up of 25% Polyester and 75% Polyester PVC coated 110tex Tilter Basket weave of thickness 0.65mm ±5% (ISO 2286-3) and wieghing 465gsm±5%(ISO 2286-2)with openness factor of 3% .The tear resistance (Warp 135N±10% & ,Weft 105N±10%) As per ISO 4674, and Fire, Smoke classification FR (US) - NFPA 701 TM#1 &BS (GB) - 5867 Part2 TypeB & B1(CN)-GB50222. Bacterial & Fungal Resistance ASTM G21-09, ASTM E 2180-07 Reduce more than 99.9% of bacteria. Greenguard GOLD, EN71 Part 3:1994. Color fastness Grade 8 ISO105 B02:2014 >_4.0 AATCC TM 16.3-2014; Option 3; Xenon Arc lamp. SHGC (Fabric & Glass) 0.23 Fabric - White/Sand System specification: The Roller blind system consists of 38mm OD extruded out of Aluminium alloy 6063 T6 with silver anodized to provide an everlasting finish and luster, the rotary unit shall be 36mm in OD incorporating a clutch mechanism composed of low – flexing braided polyester cord with nylon core, Control Ball chain shall be composed of braided nylon cord (2mm dia) with high engineering grade plastic beads of 4.5mm diameter mounted co-axially on the cord with a pitch of 6.2mm (C-T-C) Bottom rail should be powder coated Aluminium flat bottom rail of 290 gm to finish it from the ends it should have rail end caps. The clutch will be at the tube. The return end cap bracket shall incorporate snap spring design to facilitate easy installation and removal for maintenance activities. The bracket shall be finished with a white color on each side providing an aesthetic finish. It should handle up to 5 Kgs of material. The clutch should mount flush to the face of the bracket which minimize the light gap between the shade and the window frame. The rate shall be for complete item inclusive of providing & fixing, all material, labour, wastages, necessary tools & tackles, hardware/accessories etc for all floors, all heights, all levels and all places within campus. Work completed as per approved sample by Architect/Client.</p>	48.00	Sq.mt	0.00	0.00
574	<p>Manual Roller blinds : ROLLER EOS 5-11 : WHITE-PEARL : Black out " -----Do-----" as per above item specifiation for complete work. Using Manual roller blinds ROLLER EOS 5-11 : WHITE-PEARL Black out instead of ROLLER EOS 5-11 : WHITE-PEARL 5%</p>	17.00	Sq.mt	0.00	0.00
575	<p>Sliding glass door : Domal section 35 x 75 mm series Supply & Fixing Sliding glass door Comprising from Domal section series 35 x 75 with powder coated as per approved make & sample by Architect/EIC. Shutter section : 35 x 75 x 1.5 mm , Glass: 5 mm thick Toughened glass . Work including Trolley Wheel (Bearing), EPDM Gasket, Woolen In Shutter, Concealed Lock, Anti Rattling Guide, Lock Guide, handle Antilifting, Shutter Corner Clit, Shutter wing Connector, Interlock EPDM Gasket, Interlock Guide, Anti Capillary Pad, Bush Bottom silicon all side & All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.</p>	30.00	Sq.mt	0.00	0.00

576	Sliding glass door with mosquito shutter : Domal section 27 x 65 mm series Supply & Fixing Sliding glass door Comprising from Domal section series 27 x 65 with powder coated as per approved make & sample by Architect/EIC. Shutter section : 27 x 65 x 1.5 mm , Glass: 5 mm thick Toughened glass . Work including Trolley Wheel (Bearing), EPDM Gasket, Woolen In Shutter, Concealed Lock, Anti Rattling Guide, Lock Guide, handle Antilifting, Shutter Corner Clit, Shutter wing Connector, Interlock EPDM Gasket, Interlock Guide, Anti Capillary Pad, Bush Bottom silicon all side & All Necessary Hardware etc. complete as per detailed drawings, mock sample and specifications.	27.00	Sq.mt	0.00	0.00
Total Amount				0.00	0.00
M	Part-13			0.00	0.00
577	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(2) Hand broken stone aggregate 40 mm to 63 mm size.	R/o	Cu.M	0.00	0.00
578	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	R/o	Sqm	0.00	0.00
579	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) G.I.sheet roofing.	R/o	Sqm	0.00	0.00
580	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	R/o	Cu.mt	0.00	0.00
581	Filling in foundation and plinth with brick bats chhara in layers including watering, ramming and consolidating etc completed.	R/o	Cu.mt	0.00	0.00
582	Providing and laying in position Ready Mixed M- 300 grade concrete for reinforced cement conctere work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer -in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg)	R/o	Cu.mt	0.00	0.00
583	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and excluding the cost of reinforcement for R.C.C. work in (A) Foundations, footings, Base of columns and Mass concrete.	R/o	Cu.mt	0.00	0.00
584	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (more than 10 ton)	R/o	Cu.mt	0.00	0.00
585	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,, safety measures , curing etc. complete.	R/o	Sq.mt	0.00	0.00

586	Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. & 6.4 mm I.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm ² and release rate of 1.9 ltr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout) & Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes & test every junction during injecting chemicals for termite control treatment. The anti termite chemical Imidacloprid 30.5% SC mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(i)Anti Termite chemical	R/o	Sqmt	0.00	0.00
587	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.: Basic rate of Granite 130/ Sq.ft	R/o	Sq.mt	0.00	0.00
588	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias, risers of steps, dedo and pillars and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.: Basic rate of Granite 130/ Sq.ft	R/o	Sq.mt	0.00	0.00
589	Trentino Tile cladding: Providing and laying GVT Travertino classic tile cladding in elevation wall using minimum 10 mm thick tiles as per approved make list by architect /client. fixed on 10 mm th. Cement plaster 1:3 (1 cement: 3 coarse sand) All surfaces must be dimensionally stable according to level, cured, undamaged, compact,rigid,resistant, dry and free from any debonding agents tiles fixed by approved tile adhesive and all application shall be done under instruction of manufacturer guideline and specification , and jointed with 3mm thick epoxy grouting as per approved make of approved shade and colour in proper line and level as per detailed drawing .Rate shall inclusive of mock up sample, all materials, loading, unloading, transportation, placing at all floors and for all leads, all accessorie , Scaffolding etc as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client. (B) Tile size: 1200x2400mm, Basic rate of tile is Rs. 135/Sqft	R/o	Sq.mt	0.00	0.00
590	Single Leaf Flush Door finish with laminate with frame : Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 1 mm thick laminate as approved sample. including Ply framing with both side Laminate as per drawing. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/Client. Equivalent to VNR Series Laminate. (Note: Door opening area shall be measured for payment. No extra payment shall be paid) Basic rate of VNR Laminate is 45 Sq.ft	R/o	Sq.mt	0.00	0.00

591	Single Leaf Flush Door finish with Veneer with polish: Providing and fixing in position 40 mm thick BWP grade single leaf flush doors of approved make and finished with both side 4 mm thick veneer with polish as approved sample. including Hardware system of SS 304 Grade like Hinges, Mortise lock with knob, door closer, door stopper etc. as per approved make & Sample. work complete including all type of hardware, fittings, fixtures as per instruction of Client/ Architect etc. complete as per detailed drawings and specifications. sample mock shall be approved from Architect/Client. Basic rate of veneer: Rs.120/Sqft. (Note: Door opening area shall be measured for payment. No extra payment shall be paid)	R/o	Sqm	0.00	0.00
592	Aluminium Fins/Louvers (Elevation): Supplying and Installing of METALIUMTM make U- Shaped Baffle 50*50*50mm (50mm gap) Galvanized Steel 0.50mm TCT plain wooden powder coating on visible surface of Panel and supporting structure in black color Exterior Louver System. Panel (Galvanized Steel): Metalium make square edge P-50 series panels, 50 * 50 * 50 mm& 0.50 mm TCT Galvanized Steel. Panel length is up to approx. 3 mtr. Panels shall be wooden powder coated on visible surface with special Exterior Grade powder to enhance property of Fadedness Resistivity. P-50 Carrier (U Shaped): Black enameled Galvanized Steel Carrier of 20mm wide at bottom x 39mm deep x 0.6 mm thick in a standard length of 8' with cutouts to hold the panel in a module of 100 mm centre to centre at a distance of 1 mtr. Carrier and suitable structure shall be powder / coil coated on exterior face to enhance properties of Fadedness and corrosion resistivity. Installation Details: GS Clit shall be fixed on vertical columns with dash fasteners at distance not more than 1 mtr. Centre to centre on which Tubular Stud sections will be laid with corrosion proof screws and on this rigid structure carrier shall be	R/o	Sqm	0.00	0.00
593	Kitchen sink: Providing and fixing Kitchen sink as per approved make including all fitting material including Fixing of with necessary plumbing work as per detail drawing and plumbing work .Material approved by architect/EIC. Model Equivalent to NIRALI EDEN 750X500X230	R/o	Nos	0.00	0.00
594	S.S. Handrail (Staircase wall Side) : Providing & Fixing SS 304 grade Handrail as per approved sample by Architect Material: SS 304 grade MAT finish, Top hand rail - 50mm round pipe work complete including joint connector, all type of fittings, fixing, fixtures, accessories, tools, tackles, scaffolding , anchoring, silicon seal, epoxy grouting , insets plates, mock up sample etc complete as per the detailed drawing & Instruction of EIC.	R/o	Rmt	0.00	0.00
595	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	R/o	Cu.M	0.00	0.00
596	Providing and supplying evenly priming / tack coat with bitumen @ rate of 10 Kg/ Sq.M. (including heating the bitumen and the cost of bitumen)	R/o	Sqm	0.00	0.00
597	Consolidation of 2cm. thick open graded premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	R/o	Sqm	0.00	0.00
598	Providing and fixing retro Reflective Hi Intensity Micro Prismatic Grade Board using 2mm Aluminum / 4mm ACP, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxy reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:2:4 with necessary excavation curing etc. complete as per I.R.C. 67-2012 design. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B)Class B Type-4(MDR/ODR) retro reflective sheeting	R/o	Sqm	0.00	0.00

599	Turfing : Providing & laying Selection no. 1 grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly,as per direction of officer in charge. loose and laid sample shall be approved by Architect/ EIC before execution. .Work complete including all labour , tools , tackles , maintenance with 30 days or more till the shrubs forms a thick etc	R/o	Sq.mt	0.00	0.00
600	Providing laying and jointing in true line and level 80mm dia. 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.	R/o	Rmt	0.00	0.00
601	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 fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	R/o	Rmt	0.00	0.00
602	Supplying & erecting resin bonded flap rock wool / glass wool with conductivity valve 1.67 sq.mm per watt & to with stand the temp. to 100 degree centigrade C thickness 50mm with G I pipe of following size dia "B" class as per IS:1239. The plastic sheet to be used as covering of glass wool. Al. cladding besides other materials like chicken mesh, 26 G Al. Sheet shall be used for cladding the insulation pipe. ; (E) for 50 mm dia pipe	R/o	Mtr	0.00	0.00
603	Supply, Installation, Testing & Commissioning of SPLIT HEAT PUMP Power Supply : 220V/440V/1Ph/3Ph/50Hz , Tank, Compressor, Heating Element, Sound Level : <50 dB Refrigerant Type : R410a, Outer Body Material : Prepainted Steel, Inner Tank Material : Glass Lined MS Tank, Max Water Pressure : 0.8 Mpa, Defrosting : Auto, Water Proof Grade : IPX4, Insulation Thickness : PUF - 50mm, Emerson Expansion valve. Hot Water Circulation pump. with Multi-function digital control panel. Max. Temp. 60 C. Operating ambient condition -5 c to 45 c. 50 db a low noise level. complete with all required accessories to complete the job with Valves & Piping. b) Capacity of 500 LPH	R/o	Ea.	0.00	0.00
604	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 80mm dia.	R/o	Each	0.00	0.00
605	Supply, installation, testing and commissioning of gunmetal, male or female threaded isolation control valve (Butterfly Valve), confirming to latest IS , PN 10.0, with necessary specials, union, nipples etc., to complete the job. (Audco/Lehry/ R.B./zoloto). 80mm dia.	R/o	Each	0.00	0.00
606	Supplying, fitting and fixing Non return valve (Spring type Dual plate type) as per API 594/598 , tested to 10 kg/sq.cm etc. complete. (// Audco/Lehry/ R.B./ Spirex). 80mm dia.	R/o	Each	0.00	0.00
607	Supplying and erecting horizontal / vertical mounting type storage water heater with copper container housed in M.S./S.S. body insulated with glass wool / puff complete with heating elements,adjustable thermostats 300C to 850C, indicating lamp, safety valve, fusible plug, etc.complete erected with coach bolts, nuts. washers & cementation. (C)25 Ltr. with 2 KW. heating element. Premium Category	R/o	Nos	0.00	0.00
608	Supplying and erecting chromium plated heavy duty brass valve for inlet pipe of water heater 15 mm dia.)	R/o	Nos	0.00	0.00
609	Supplying and erecting 15mm brass non-return valve for inlet pipe of storage water heater.	R/o	Nos	0.00	0.00
610	Supplying and erecting dead pressure releasing valve for storage type water heater with necessary materials.	R/o	Nos	0.00	0.00
611	Providing & erecting fibre reinforced PVC flexible pipe with brass locking nuts & washers & clips at both ends complete erected without leakage	R/o	Nos	0.00	0.00

612	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size. (a) with medium class Rigid PVC pipe and accessories (b) 2 wire 6 sq. mm	R/o	Mtr	0.00	0.00
613	FANS & EXHAUST FAN ACCESSORIES: Supplying and erecting approved make oscillating type bracket fan A.C. 230V. 50cy/s 400/450 mm sweep wall mounted with height adjustment and rotary tilting device complete with guard, flexible Core plug top complete erected with lead wires as directed.	R/o	Nos	0.00	0.00
614	Supplying & erecting approved make Four Pole 415V change over switch interior for panel mounting with operating mechanism A.C.23 duty conforming to IS for (E)250A / 320A Cat-III	R/o	Each	0.00	0.00
615	providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V. having normal current rating 125A . with Fixed thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	R/o	Each	0.00	0.00
616	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. B)10 Sq. mm	R/o	Ea	0.00	0.00
617	SITC of 8 x 10/100/1000BASE-T PoE ports 2 x Gigabit SFP ports Advanced L2 switching and security features L2+ Static Routing Optional "standard mode" or "surveillance mode" management user interface 65W PoE budget	R/o	Ea	0.00	0.00
618	HVAC: Providing and erecting <u>Inverter</u> based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing,drain PVC pipes suitable for (cost includes Eco Friendly green gas charging and 15A plug top & Remote Control & MS Stand) with necessary core cutting. (2)For 4/5 Star Rating of current year, (C) for 1.7 to 2 ton capacity-Premium Cat.	R/o	Ea.	0.00	0.00
619	INDOOR UNIT-CASSETTE TYPE: Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (A) 0.8 TR	R/o	Ea.	0.00	0.00

620	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (B) 1 TR	R/o	Ea.	0.00	0.00
621	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (C) 1.2 TR	R/o	Ea.	0.00	0.00
622	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (D) 1.6 TR	R/o	Ea.	0.00	0.00
623	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (H) 3.2 TR	R/o	Ea.	0.00	0.00

624	Supply, installation, testing and commissioning of following minimum capacity 4-way/2 way/radial flow as per approval VRV Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, max noise level 60dB @ 400 cfm per TR(minimum) complete, as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature fresh air provision compatible for Remote Operation System: (I) 3.6 TR	R/o	Ea.	0.00	0.00
625	INDOOR UNIT-HIGH WALL TYPE: Supply, installation, testing and commissioning of following minimum capacity VRV High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with noise level maximum 60 dB @min 400 cfm /dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.; (A) 0.8 TR	R/o	Ea.	0.00	0.00
626	INDOOR UNIT-HIGH WALL TYPE: Supply, installation, testing and commissioning of following minimum capacity VRV High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with noise level maximum 60 dB @min 400 cfm /dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.; (B) 1 TR	R/o	Ea.	0.00	0.00
627	INDOOR UNIT-HIGH WALL TYPE: Supply, installation, testing and commissioning of following minimum capacity VRV High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with noise level maximum 60 dB @min 400 cfm /dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.; (C) 1.3 TR	R/o	Ea.	0.00	0.00
628	INDOOR UNIT-HIGH WALL TYPE: Supply, installation, testing and commissioning of following minimum capacity VRV High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with noise level maximum 60 dB @min 400 cfm /dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.; (D) 1.65 TR	R/o	Ea.	0.00	0.00

629	<p>INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (A) 1.8 TR</p>	R/o	Ea.	0.00	0.00
630	<p>INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (B) 2 TR</p>	R/o	Ea.	0.00	0.00
631	<p>INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (C) 2.3 TR</p>	R/o	Ea.	0.00	0.00
632	<p>INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (D) 2.6 TR</p>	R/o	Ea.	0.00	0.00

633	<p>INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (F) 3.4 TR</p>	R/o	Ea.	0.00	0.00
634	<p>INDOOR UNIT-DUCTABLE TYPE: Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRV ceiling mounted ductable type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drain pan, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Mid Static Ductable units (minimum 45 pascal external static pressure): (G) 4 TR</p>	R/o	Ea.	0.00	0.00
635	<p>Lacquered glass / Coloured glass Panelling : " -----Do-----" as per above item specification for complete work . using 4mm thick coloured magnetic glass / Coloured glass for panelling work instead of veneer panelling , as per approved by Architect/Client. TThe rate shall be for all floors, at all heights, all shapes including all costs.</p>	R/o	Sq.mt	0.00	0.00
636	<p>Desk System : 900 mm x 600 mm x 1050 mm Providing and fixing in position modular desk system as per approved make list. Table Top : 25mm thick exterior grade Prelaminated partical board (PLPB) / Post Laminate as per Architect Selection with matching PVC edgebanding from Rehau or Equivalent and aluminum flip up provision of size:- 350mm(W) x120mm(D) only anodized finish. Main Spine : 8mm Thick Laminate Galss of 750mm(W) x 300mm(H) on holding with anodised finish brackets Under structure : Aluminum Powder coated legs (End Legs) with die cast connectors and MS Powder coated 30x40mm beams are considered to support table top. Wire Management - Powder coated wiretray with switch plate and vertical cable risers for wire management Below Table Top Modesty : MS powder coated metal modesty in main spine at below table top Leg Modesty :MS powder coated metal modesty in legs at end of the cluster. Work complete including all parts with powder coating, metal cable raceway, metal cover panel to rising cables vertically, Privacy with coloured glass/ Soft board , Modesty , PVC edgeband, along with wire manager ,all necessary hardware and fittings , mock up sample, loading, unloading, transportation, placing at all floors and for all leads, all accessories as described in item description. Work complete as per the detailed drawing and instruction of Architect/Client</p>	R/o	Nos	0.00	0.00

637	<p>Wardrobe : VNR Laminate finish Providing, making and fixing wardrobe units in position as per drawings. Front solid shutter : 25 mm thick IS 303 BWR ply with both side laminate finish. Back side : 12 mm thick IS 303 BWR ply with one side laminate finish Bottom & Side : 19 mm thick IS 303 BWR ply with both side laminate finish Shelves/Divider : 19 mm thick IS 303 BWR ply with both side laminate finish as per approved sample by Architect/Client. Drawer Unit : 2 Nos of Drawer unit as per drawing. Hardware : All necessary brass satin finish nickel plated/ S.S 304 grade (hardware from Hettich like Auto Hinges, handle, Multipurpose lock, Telescopic channel, S.S. pipe oval Hettich (047 615) , tower bolts, ball catches/Magnet, hydraulic hinges etc as per approved sample. Skirting : 75 mm ht skirting with laminate finish. Edge Finish : All the exposed edges are with 2mm PVC edge Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading ,transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights ,necessary grooves etc complete as per detailed drawings ,specifications & instruction of Client/EIC.Basic rate of VNR Laminate is 50/ Sq.ft</p>	R/o	Sq.mt	0.00	0.00
638	<p>Waiting lounge area Sofa (three Seater): 2100mm (L) x 870 mm (B) x 800 mm (H) comprising up of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density & back shall be 32 density foam & finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external & internal exposed woodwork to be finished in PU semi gloss finish polish. .The work shall be done as per drawing , specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles,approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this.Rate shall inclusive of providing mockup sample for approval of architect. Basic rate of fabric is 1000/ Rmt</p>	R/o	Nos	0.00	0.00
639	<p>Artificial Grass : Providing and fixing Artificial Grassas per approved make & Sample by Architect. Work complete including all type of finishing. Material content : Pile Weight 1.65 Kg/sq.mtr , Total Weight 3.00 Kg/sq.mtr , Pile Height 40 mm , Stitch Rate 16 Stitch / 10 cm , Tufted Dencity 16800 D/sq.mtr, Primary Back PP + Non Woven Layer , Pile Material PP+PE , Backing Synthetic Glue, Yarn Denier 11400. Work complete including all type of material, fittings , fixtures,Finish, loading , unloading , transporation, all leads ,accessories, sample mockup, all floor , all levels, all heights , necessary frame work,Scaffolding etc complete as per detailed drawings ,specifications & instruction of Client/EIC.</p>	R/o	Sq.mt	0.00	0.00
640	<p>Full Height Storage with Veneer finish : " -----Do----- as per above specification (Item "Full Height Storage with Laminate Finish : 450 mm Depth") for complete work . Using 4 mm thick veneer with PU polish instead of Laminate. Basic Rate for material only teak veneer - 120/Sqft.</p>	R/o	Sq.mt	0.00	0.00

641	<p>Glass profile storages : Equivalent to Amardeep/Godrej/Civom/Methodex/EPL/Wipro or approved brand by Architect/Client. Frame: Frame shall be made of IS 303 BWR grade ply 35 mm thick with both side laminate finish as per approved sample. Shutter : 4 mm thick clear toughened glass as per approved sample. Shelves : IS 303 BWR grade ply 25 mm thick with both side laminate finish as per approved sample(adjustable shelving system) Back : IS 303 BWR grade ply 19 mm thick with both side laminate finish as per approved sample. Two side Postforming edge and other side 2mm PVC edge Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. Having premium lock with wave key technologyand side and hinged shutters are sealed with 2mm thick PVC edge banding.SS 304 recessed handles are provided for easy opening and closing of shutter.The units are assembled by knock down fittings such as Minifix & Dowels. All the hardware and Hinges are from Hettich/Ebco. PVC edge banding are imported from Rehau or Dolken of Germany . Rate shall be inclusive of all materials, loading, unloading, transportation, placing at all floors and for all leads, polishing and all accessorie, sample mockup etc as described in item description.work complete as per the instruction of Client/EIC.</p>	R/o	Sq.mt	0.00	0.00			
642	<p>Carpet Flooring Work: "-----Do-----" as per above specification (Item "Carpet Flooring Work') for complete work. Equivalent to Balsan PTM Vision HD N607</p>	R/o	Sq.mt	0.00	0.00			
Total Amount								0.00