(n) Procure
TOLL FREE NUMBER
7359 021 663

GNFC

HOME

Bill Of Quantity (BOQ)

Current Tender Details

IFB / Tender Notice No.	GCSRA/Tender/Panchayat/2022	Tender ID	506841
Name of Work	SELECTION OF AN AGENCY ON A RATE CONTRACT (RC) BASIS FOR DESIGN & CONSTRUCTION OF SMART PANCHAYAT GHAR ALONG WITH INTERIORS, FURNITURE & OTHER ALLIED ITEMS SUPPLY & INSTALLATION – TURNKEY PROJECT	ECV (INR)	--
Last Date & Time For Submission of Bid:	9/3/2022 18:00		

SCHEDULE B 1 | SCHEDULE B 2 | SCHEDULE B 3 | SCHEDULE B 4 | SCHEDULE B 5 | SCHEDULE B 6 | View All SubWorks

SCHEDULE B 1

S.No.	Item No.	Item Description	Qty	Unit	Tender Rate(INR)	Amount(INR)
1.	1	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	133.0000	Cu.M	0.0000 (zero only)	0.0000
2.	2	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	19.0000	Cu.M	0.0000 (zero only)	0.0000
3.	3	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.	91.0000	Cu.M	0.0000 (zero only)	0.0000
4.	4	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	70.0000	Cu.M	0.0000 (zero only)	0.0000
5.	5	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc.	32.0000	Cu.M	0.0000 (zero only)	0.0000

		complete.				
6.	6	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	32.0000	Cu.M	0.0000 (zero only)	0.0000
7.	7	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	24.0000	Cu.M	0.0000 (zero only)	0.0000
8.	8	Providing and laying cement concrete 1:3:6 (1- Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	16.0000	Cu.M	0.0000 (zero only)	0.0000
9.	9	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.	43.0000	Cu.M	0.0000 (zero only)	0.0000
10.	10	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.	151.0000	Cu.M	0.0000 (zero only)	0.0000
11.	11	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.	19.0000	Cu.M	0.0000 (zero only)	0.0000
12.	12	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	19,050.0000	KG	0.0000 (zero only)	0.0000
		Providing formwork of ordinary timber planking so as to give a rough finish including centering				

13.	13	shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work.	1.0000	Sq.mt	0.0000 (zero only)	0.0000
14.	14	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Consentration Weight 0.50 percent is recommended one litre chemical emulsion dillute with 39 liter of water will give. Total dillute concrentration will be 40 litre inclusive of one litre chemical emulsion appication 0.5 Litre chemical / Sqm of surface is recommended as per I.S	193.0000	Sq.mt	0.0000 (zero only)	0.0000
15.	15	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	10.0000	Cu.M	0.0000 (zero only)	0.0000
16.	16	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in superstructure above plinth all level in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	179.0000	Cu.M	0.0000 (zero only)	0.0000
17.	17	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) for half brick masonry in superstructure above plinth level (B) Conventional	10.0000	Sq.mt	0.0000 (zero only)	0.0000
18.	18	Providing 15mm thick cement plaster in single coat on brick / concrete wall for interior plastering all level finished even and smooth (ii) Cement mortar 1:4 (1-cement : 4-sand) including for finishing with a floating coat of neat cement	986.0000	Sq.mt	0.0000 (zero only)	0.0000

		slurry				
19.	19	Providing 10mm thick cement plaster in single coat on ceiling for interior plastering all level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand) including for finishing with a floating coat of neat cement slurry	1.0000	Sq.mt	0.0000 (zero only)	0.0000
20.	20	20mm thick sand faced cement plaster on walls up to height 10mt above ground level consisting of 12 mm thick backing coat of C.M. 1 : 3 (1-Cement: 3 -Sand) and 8 mm thick finishing coat of C.M. 1 : 1 (1-Cement : 1-Sand) etc. complete.	698.0000	Sq.mt	0.0000 (zero only)	0.0000
21.	21	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 trovel including scaffolding curing etc. complete.	1.0000	Sq.mt	0.0000 (zero only)	0.0000
22.	22	Providing 20 mm deep finished groove in plaster in line and level etc as per instruction of Architect/EIC. Work complete including all type of finishing, labour, tools, tackles, scaffolding etc complete.	384.0000	Rmt	0.0000 (zero only)	0.0000
23.	23	Wall painting (three coats) with Acrylic Plastic Emulsion paint on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. (wall and ceiling)	986.0000	Sq.mt	0.0000 (zero only)	0.0000
24.	24	Applying two coats of acrylic lapy (putty) & 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.	986.0000	Sq.mt	0.0000 (zero only)	0.0000

25.	25	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	698.0000	Sq.mt	0.0000 (zero only)	0.0000
26.	26	Toilet Waterproofing: 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.	43.0000	Sq.mt	0.0000 (zero only)	0.0000
		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				

27.	27	water proofing compound conforming to IS : 2645 and approved by Engineer-in-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 Engineer-in-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 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 Engineerin-Charge :With average thickness of 120 mm and minimum thickness at khurra as 65 mm. The whole work is to be executed through specialized agency with a guarantee of 10 (Ten) years given on a prescribed proforma duly stamped (2) The rate shall include for work at all floors & conducting water proof test as directed.	193.0000	Sq.mt	0.0000 (zero only)	0.0000
28.	28	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white	193.0000	Sq.mt	0.0000 (zero only)	0.0000

		cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.				
29.	29	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	1.0000	Sq.mt	0.0000 (zero only)	0.0000
30.	30	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.	1.0000	Sq.mt	0.0000 (zero only)	0.0000
31.	31	P & L 24" x 24" vitrified 8 to 10 mm thick tile flooring & dedo over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) for floor and 10 mm thick (1:3 for dedo)on new surface or fixing on existing flooring by adhesive material including dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit (For flooring)	337.0000	Sq.mt	0.0000 (zero only)	0.0000
32.	32	P & L 24" x 24" vitrified 8 to 10 mm thick tile flooring & dedo over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) for floor and 10 mm thick (1:3 for dedo)on new surface or fixing on existing flooring by adhesive material including dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the	24.0000	Sq.mt	0.0000 (zero only)	0.0000

		surface etc. complete for antiskit (For skirting)				
33.	33	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) for floor and 10 mm thick (1:3 for dedo, skirting) on new surface or fixing on existing flooring by adhesive material including dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade (For toilet flooring)	45.0000	Sq.mt	0.0000 (zero only)	0.0000
34.	34	Providing and laying dark shade vitrified tiles 8 mm to 10 mm thick in skirting , riser of steps and deo on 10 mm thick cement plaster 1:3 (1 cement : 3 Coarse Sand) & jointed with white cement slurry.	154.0000	Sq.mt	0.0000 (zero only)	0.0000
35.	35	Providing and laying Granite slab (18 mm thick) one side polished flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid and jointed with grey cement slurry including rubbing and polishing complete	34.0000	Sq.mt	0.0000 (zero only)	0.0000
36.	36	Granite works : Providing & laying approved quality Granite (Flame finish/river finish) of approved shade, thickness 18 mm (selected and sorted for its uniform colour and thickness)., in floor, otta, sill, steps, cladding, skirting, door frame etc. in required sizes and shapes, set with cement slurry (minimum 4.4 kg cement/sqm) including cement mortar bedding (thickness of mortar bedding to be decided as per requirement and as directed by Architect/client 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	80.0000	Sq.mt	0.0000 (zero only)	0.0000

		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 protectiion sheet of Supreme make EPE+HM Blue.				
37.	37	Basin Counter : 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 beding / 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'', cutting kotah & tile as per required shape & size to fit Wash basin, & 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.Basic rate of Granite with finish is Rs.150/ Sqft.The sample mock shall be approved from Architect/EIC. work completed as per the instruction of EIC.	9.0000	Rmt	0.0000 (zero only)	0.0000
		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x				

38.	38	31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	54.0000	Sq.mt	0.0000 (zero only)	0.0000
39.	39	Providing and fixing standared extruded of Alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete as per detailed drawing with provision of exhause fan. for Ventilation. work completed as per the instruction of EIC.	3.0000	Sq.mt	0.0000 (zero only)	0.0000
40.	40	Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	6.0000	Sq.mt	0.0000 (zero only)	0.0000
41.	41	Flush Door finish with laminate : Providing and fixing in position 35mm thick solid core wooden single leaf flush doors of approved make having water proof ply facing on both sides and finished with laminate as approved , frame size - 100 X 50 MM , polishing work , Hardware system of Geze/Dorma like Hinges , door closer , Door handle , Euro	15.0000	Sq.mt	0.0000 (zero only)	0.0000

		profile , lock , Door stop . work complete including all type of hardware, fittings , fixtures etc complete as per detailed drawings and specifications. Basic Rate mm thick laminate - 40 /Sqft. sample mock shall be approved from Architect/EIC.				
42.	42	Flush Door finish with laminate (Toilet door) : Providing and fixing in position 35mm thick solid core wooden single leaf flush doors of approved make having water proof ply facing on both sides and finished with laminate as approved , frame size - 100 X 50 MM , polishing work , Hardware system of Geze/Dorma like Hinges , door closer , Door handle , Euro profile , lock , Door stop. work complete including all type of hardware, fittings , fixtures etc complete as per detailed drawings and specifications. Basic Rate mm thick laminate - 35 /Sqft. sample mock shall be approved from Architect/EIC.	13.0000	Sq.mt	0.0000 (zero only)	0.0000
43.	43	Glass door :Providing and fixing in position full height toughened glass door with all necessary accessories of SS 304 approved make as per selection by using 12mm thick Saint Gobain make customized clear toughened glass, edge polished prepared with stainless steel patch fittings with locking arrangement / fixing with clamping connector of SS 304 size 52x52x32 cover of 1.5mm thickness and secured with small L key and ensure that the cover is secure in its place. Each glass panel secured to the floor by stainless steel patch fitting item includes all necessary fitting / fixing, fixtures-like floor spring, door handle selected by Architect etc. complete as per specification ,drawing and instructions of the Architect.	3.0000	Sq.mt	0.0000 (zero only)	0.0000
		Providing and fixing in position collapsible steel				

44.	44	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 with anti corrosive paint.	9.0000	Sqmt	0.0000 (zero only)	0.0000
45.	45	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 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 to SA 2 1/2 by shot or grit or copper slag blasting, 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, touch up paintings, including supply of paint,all complete . Contactor shall provide certificate for the fabrication structure. work completed as per the instruction of EIC. (Staircase Railing, window Grill etc.)	1,206.0000	Kg	0.0000 (zero only)	0.0000

46.	46	ACP Cladding : Providing and fixing 4 mm th ACP cladding (Woody/Plain) as per required projection work form main surface with required all fabrication work and with aluminum frame work complete as per manufacturer suggested system with required all necessary accessories and fitting fixtures with Grouting finish complete SPACER TAPE:Double side adhesive tape of size 6mm x 6mm of IS quality specification. 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 approved from EIC and Architect. Panelling item including open able shutter wherever required area and finish with the same material. Only the clear elevation area shall be measured and paid. work completed as per the instruction of EIC.	7.0000	Sqm	0.0000 (zero only)	0.0000
47.	47	Signages Type 1 : 3D letters with LED : 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. AND 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 , transporation, , all leads ,accessories, sample mockup, all	4.0000	Sqmt	0.0000 (zero only)	0.0000

		floor , all levels, all heights , etc complete as per drawings ,specifications & instruction of Client/EIC.				
48.	48	Signages Type 2 : ACP with 3M Film : Wall mounted , Door mounted , Floor mounted Material: 3 mm thick exterior grade premium quality ACP sheet (0 .25 mm foil thickness) & 3M/ Avary cast film branding 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. 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.	1.0000	Sqmt	0.0000 (zero only)	0.0000
					Total Amount :	**0.0000**

SCHEDULE B 2

S.No.	Item No.	Item Description	Qty	Unit	Tender Rate(INR)	Amount(INR)
49.	49	EWC : Providing and fixing wall hung WC (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 Parryware	9.0000	Nos	0.0000 (zero only)	0.0000

		C0255+E8308				
50.	50	Providing and fixing Metropole Dual flush valve of as per approved make of selection by architect . Model Equivalent to Parryware T3307A1	9.0000	Nos	0.0000 (zero only)	0.0000
51.	51	Providing and fixing 12mm dia. Health faucet with 8 mm dia of as per approved make selected by Architect with flexible pipe of 1.mt. length and holding stands complete. Model Equivalent to Parryware T9806A1	9.0000	Nos	0.0000 (zero only)	0.0000
52.	52	Providing and fixing Toilet papers holder of as per approved make of selection or as directed by EIC. Model Equivalent to ACN-1153N	9.0000	Nos	0.0000 (zero only)	0.0000
53.	53	Providing and fixing 15mm dia Two way Bib cock of as per approved make of selection.Model Equivalent to Parryware G2734A1	9.0000	Nos	0.0000 (zero only)	0.0000
54.	54	Providing and fixing Wash Basin of as per approved make of selection including fittings and waste pipe etc. and fixing on wash basin counter by tile adhesive of approved make. Model Equivalent to Parryware C0425	9.0000	Nos	0.0000 (zero only)	0.0000
55.	55	Providing and fixing 15mm dia Pressmatic Basin spout of as per approved make of selection. Model Equivalent to Parryware G2056A1	9.0000	Nos	0.0000 (zero only)	0.0000
56.	56	Urinal : Providing and fixing Urinal of as per approved make of selection including connecting the urinal with waste pipe and all works related to this item etc complete.Model Equivalent to parryware C0580	4.0000	Nos	0.0000 (zero only)	0.0000
57.	57	Providing and fixing PRS valve of as per approved make of selection including connecting the urinal with waste pipe and all works related to this item etc complete.Model	4.0000	Nos	0.0000 (zero only)	0.0000

		Equivalent to parryware G2030A1				
58.	58	Bath spout : Providing and fixing 15mm dia Bath spout of JAQUAR / HINDWARE 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 Jaquar code No: SPJ-5429	1.0000	Nos	0.0000 (zero only)	0.0000
59.	59	Bath Mixer : Supply, Installation, Testing and Commissioning of 15mm dia Bath spout of JAQUAR / Jaquar 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 Jaquar code No: FLR-CHR-5273UPR	1.0000	Nos	0.0000 (zero only)	0.0000
60.	60	Overhead shower : Supply, Installation, Testing and Commissioning of Overhead Shower with shower arm of JAQUAR/Jaquar 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 Jaquar code No : OHS-CHR-1989+ SHA-CHR-477	1.0000	Nos	0.0000 (zero only)	0.0000
61.	61	Urinal Partition : Providing and fixing Urinal partition Size of Width 400 mm x Height 900 mm comprising from 12 mm Compact Grade 1.5 mm thick laminate Board of the approved	4.0000	Sqmt	0.0000 (zero only)	0.0000

		shade by Architect . Work complete including all type of fittings , hardware , accessories etc complete as per drawing.				
62.	62	Providing and fixing chromium plated Bottle Trap of as per approved make of selection with necessary coupling of approved make for wash basin & sink. Model Equivalent to Parryware T3201A1	13.0000	Nos	0.0000 (zero only)	0.0000
63.	63	Providing and fixing in position Soap Dish of as per approved make of selection with soap container. Model Equivalent to Jaquar CAN-CHR-1133N	7.0000	Nos	0.0000 (zero only)	0.0000
64.	64	Providing and fixing Towel rack of as per approved make of selection or as directed by EIC. Model Equivalent to Jaquar - CAN-CHR-1111NM	7.0000	Nos	0.0000 (zero only)	0.0000
65.	65	Providing and fixing 15mm dia. Angular Stop Cock of as per approved make of selection.Model equivalent to G2707A1	9.0000	Nos	0.0000 (zero only)	0.0000
66.	66	Providing and fixing 15mm dia Bib cock of as per approved make of selection.Model Equivalent to Parryware G2780A1	4.0000	Nos	0.0000 (zero only)	0.0000
67.	67	Hand Drayer : Providing and fixing smartflow hand dryer, as approved by the architect.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.	1.0000	Nos	0.0000 (zero only)	0.0000
		Toilet Cubical : (@1000 (W) X 1500(D) x 2000 (H) mm. or as per drawing) Supply & Installation of Toilet Cubicles S.S. 304 Series as per approved make & selection by Architect. 12 mm Compact Grade 1.5 mm thick laminate Board of the approved shade by Architect . Accessories for				

68.	68	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.	5.0000	Nos	0.0000 (zero only)	0.0000
69.	69	Providing and fixing 6 mm thick mirror of Saint Gobain/ Modiguard / Asahi as per approved make shall be fixed with necessary waterproof ply frame work with polish , accessories etc complete. instruction of architect complete. Rate shall be inclusive of edge finish , 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.	9.0000	Sq.mt	0.0000 (zero only)	0.0000
70.	70	Providing and fixing Providing and fixing in position 125 x 125 mm square stainless steel cockroch trap consiting of 0.45 mm thick inner and outer cup and 1.00 mm thick top grating (jali) with ring to be fixed inside ''P'' traps with cement concrete. (Make:-Sanjay Chilly or Equivalent)including the cost of cutting and making good the walls. work completed as per the instruction of EIC.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.	12.0000	Nos	0.0000 (zero only)	0.0000
		Plumbing work Section: WATER SUPPLY				

71.	71	SYSTEM: 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 concelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	60.0000	Rmt	0.0000 (zero only)	0.0000
72.	72	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 concelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	40.0000	Rmt	0.0000 (zero only)	0.0000
73.	73	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 concelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	80.0000	Rmt	0.0000 (zero only)	0.0000
		Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make				

74.	74	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 concelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	100.0000	Rmt	0.0000 (zero only)	0.0000
75.	75	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 concelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	40.0000	Rmt	0.0000 (zero only)	0.0000
76.	76	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.	2.0000	Rmt	0.0000 (zero only)	0.0000
77.	77	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	2.0000	Each	0.0000 (zero only)	0.0000
78.	78	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	3.0000	Each	0.0000 (zero only)	0.0000
79.	79	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	2.0000	Each	0.0000 (zero only)	0.0000
80.	80	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 50mm dia.	3.0000	Each	0.0000 (zero only)	0.0000

81.	81	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). 40mm dia.	2.0000	Each	0.0000 (zero only)	0.0000
82.	82	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.	1.0000	Each	0.0000 (zero only)	0.0000
83.	83	Providing and fixing mosquito proof stainless steel overflow grating for tanks.(// Audco/Lehry/ R.B./ Spirex) 100mm dia.	1.0000	Each	0.0000 (zero only)	0.0000
84.	84	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 0.6 m x 0.6 m and upto 0.75 m deep for Isolation Valve	1.0000	Each	0.0000 (zero only)	0.0000
85.	85	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all	5,000.0000	litre	0.0000 (zero only)	0.0000

		necessary fittings and connection etc. complete on terrace.				
86.	86	Providing & erecting water cooler having storage capacity 150 Ltr. & cooling capacity 150 Ltr.per hour @ an ambient temp of 450 C. The outlet temp. of the water should drop by 150C within a hour, The water cooler should be comprising of hermetically sealed compressor, fan motor, condensing unit, water tank surrounded by evaporating, coil, thermostats, relay etc.complete with necessary inlet & outlet connection. The body of water cooler will be made from Stainless Steel.	1.0000	Each	0.0000 (zero only)	0.0000
87.	87	Supplying & erecting 5 stage single reverse osmosis water purification system with M.S. powder coated frame, prefilter housing with ''O'' ring presediment filter GAC filter, carbon filter suitable buster DC pump capacity 80 psi, mention with 40 Osg inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH capacity & erected as directed with one year comprehensive maintenance guarantee. [C] 50 Ltr / Hr with 250 psi 2 nos booster pump	1.0000	Each	0.0000 (zero only)	0.0000
88.	88	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. Premium Category	1.0000	Nos	0.0000 (zero only)	0.0000
		Supply, Installation, Testing And Commissioning Of Compact Self				

89.	89	Contained Skid Mounted Level controlled Tank filling system As Follows: a. Submercible pumps 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, cabling, piping, connection inside UGWT with Header,Valves, NRV, etc & All necessary accessories, to complete the job. (Set shall include both working & Standby Pumps) DOMESTIC UGWT TO OHWT FEED PUMP: Capacity per pump - 100 LPM 1 Set = 2 Nos. Pump (1 Working + 1 Standby - cascade operation) Total Capacity of System: 200 LPM Head - 30 mtr Location - Submersible Pump at UGWT. Suction head - Positive Suction	1.0000	Job	0.0000 (zero only)	0.0000
90.	90	SEWAGE & RAIN WATER SYSTEM: 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	1.0000	Rmt	0.0000 (zero only)	0.0000
91.	91	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.	30.0000	Rmt	0.0000 (zero only)	0.0000

		including making good the wall ceiling and floor.(D) 40mm				
92.	92	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	20.0000	Rmt	0.0000 (zero only)	0.0000
93.	93	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	60.0000	Rmt	0.0000 (zero only)	0.0000
94.	94	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	60.0000	Rmt	0.0000 (zero only)	0.0000
95.	95	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.	2.0000	each	0.0000 (zero only)	0.0000
96.	96	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.	12.0000	each	0.0000 (zero only)	0.0000
		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			0.0000	

97.	97	300mm size (inside) with standard weight. (i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	4.0000	Each	(zero only)	0.0000
					Total Amount :	**0.0000**

SCHEDULE B 3

S.No.	Item No.	Item Description	Qty	Unit	Tender Rate(INR)	Amount(INR)
98.	98	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.	50.0000	Rmt	0.0000 (zero only)	0.0000
99.	99	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.UPTO 315mm Dia Pipe	50.0000	Rmt	0.0000 (zero only)	0.0000
		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				

100.	100	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.	4.0000	Each	0.0000 (zero only)	0.0000
101.	101	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.	3.0000	Each	0.0000 (zero only)	0.0000
		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				

102.	102	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)	3.0000	Each	0.0000 (zero only)	0.0000
103.	103	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 2.5mtr x 2.0 mtr x 2 mtr deep for200 visitors or As per Architectural Drawings.	1.0000	Job	0.0000 (zero only)	0.0000
104.	104	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 & 5 mtr deep. or as per Architectural Drawings.	1.0000	Job	0.0000 (zero only)	0.0000
		U.G. Tank: Construction of RCC Under Ground Tank, including excavation in all types of soil strata (including rock) including shoring strutting				

105.	105	if required, for loose soil / to protect from collapse due to near by traffic load, casting 100 mm thick P.C.C. leveling course in M-10, Refilling the pit with proper soil and disposing of the surplus stuff within a lead of 50 meters. Including RCC work in M-30 and reinforcement using HYSD500 grade reinforcing bars, cement plaster in CM 1:2 with approved water proofing compound to inside water touching surface to container. Including all types of labour and material charges of lowering, laying, erecting / hosting and jointing of pipe assembty to inlet, outlet overflow, washout and bye pass arrangement as per hydraulic design. Providing and fixing accessories like MS I Gr Ladder, Cl Manhole frame and cover, water level indicator, adequate cowl type ventilatorsorlantern type ventilator with stainless steel jali. B.B. Masonry chambers for valves. Providing and applying three coats of cement paint I snowcem to the out side face of structure. It also includes satisfactorywatertightness test as per relevantLS. code and painting name of scheme and capacity on the tank as per direction of EIC.	10,000.0000	Ltr	0.0000 (zero only)	0.0000
106.	106	BOREWELL SECTION: 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	1.0000	Ea	0.0000 (zero only)	0.0000

		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.				
107.	107	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. .	60.0000	Mtr	0.0000 (zero only)	0.0000
108.	108	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	1.0000	Ea	0.0000 (zero only)	0.0000
109.	109	Supplying of following size of HEAVY UPVC column pipe with coupler and wire lock [C] 65 mm dia	50.0000	RMT	0.0000 (zero only)	0.0000
110.	110	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	1.0000	Set	0.0000 (zero only)	0.0000
111.	111	Supplying & erecting G.I. bend for pipe connections suitable for (E) 65 mm (2.5")	1.0000	Ea	0.0000 (zero only)	0.0000
112.	112	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.	1.0000	Job	0.0000 (zero only)	0.0000
		Supplying submersible pump set for bore of 150 mm. dia. Or more having 3 phase motor capacity				

113.	113	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	1.0000	Ea	0.0000 (zero only)	0.0000
114.	114	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	50.0000	Rmt	0.0000 (zero only)	0.0000
115.	115	ELECTRICAL SECTION: 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	85.0000	Pt	0.0000 (zero only)	0.0000
116.	116	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 /	90.0000	Pt	0.0000 (zero only)	0.0000

		concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories				
117.	117	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	10.0000	Pt	0.0000 (zero only)	0.0000
118.	118	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	22.0000	Nos	0.0000 (zero only)	0.0000
		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				

119.	119	type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. For 6A Plug with 2-1.5 sq.mm Cu. Wire with medium class Rigid PVC pipe and accessories CAT III	20.0000	Pt	0.0000 (zero only)	0.0000
120.	120	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 2-4 sq.mm Cu. Wire (a) with medium class Rigid PVC pipe and accessories.CAT-III	36.0000	Pt	0.0000 (zero only)	0.0000
121.	121	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	15.0000	Nos	0.0000 (zero only)	0.0000
122.	122	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	100.0000	Mtr	0.0000 (zero only)	0.0000
123.	123	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	500.0000	Mtr	0.0000 (zero only)	0.0000

		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				
124.	124	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	200.0000	Mtr	0.0000 (zero only)	0.0000
125.	125	Supplying and erecting approved make oscillating type bracket fan A.C. 23OV. 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.	4.0000	Nos	0.0000 (zero only)	0.0000
126.	126	Providing & erecting Approved make BLDC 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]	22.0000	Nos	0.0000 (zero only)	0.0000
127.	127	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	22.0000	Nos	0.0000 (zero only)	0.0000
128.	128	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.	22.0000	Mtr	0.0000 (zero only)	0.0000
129.	129	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.	22.0000	Nos	0.0000 (zero only)	0.0000

130.	130	Supplying & erecting approved make low noise decorative exhaust fan having size 250mm with 1350 RPM with square frame ABS body with inbuilt lowers & square frame.	7.0000	Nos	0.0000 (zero only)	0.0000
131.	131	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 4 nos. 6A Switch 4 nos. 6A 5 pin Plug	8.0000	Ea	0.0000 (zero only)	0.0000
132.	132	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	4.0000	Ea	0.0000 (zero only)	0.0000
133.	133	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.	4.0000	Ea	0.0000 (zero only)	0.0000
134.	134	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	100.0000	Mtr.	0.0000 (zero only)	0.0000
135.	135	(A) Supplying and laying UPVC cable trunking system comprising unplasticised polyvinyl, chloride rigid material with ignition free & flame proof confirming BS .All necessary accessories and measuring of following sizes. (1) 75 mm x 50 mm trunking	10.0000	Mtr.	0.0000 (zero only)	0.0000
		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			0.0000	

136.	136	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 (a) single door (IP-30) (ii)6 way	1.0000	Each	(zero only)	0.0000
137.	137	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 (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (ii)6 way	2.0000	Each	0.0000 (zero only)	0.0000
138.	138	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 (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (iii)8 way	2.0000	Each	0.0000 (zero only)	0.0000
139.	139	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 (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (iv)12 way	1.0000	Each	0.0000 (zero only)	0.0000
		Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load				

140.	140	(C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity C) 63 Amp. CAT-III	6.0000	Ea	0.0000 (zero only)	0.0000
					Total Amount :	**0.0000**

SCHEDULE B 4

S.No.	Item No.	Item Description	Qty	Unit	Tender Rate(INR)	Amount(INR)
141.	141	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	6.0000	Ea	0.0000 (zero only)	0.0000
142.	142	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp. cat III	4.0000	Ea	0.0000 (zero only)	0.0000
143.	143	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	84.0000	Ea	0.0000 (zero only)	0.0000
144.	144	providing and erecting Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. 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	1.0000	Ea	0.0000 (zero only)	0.0000
		providing and erecting Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of				

145.	145	10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (ii) 40 Amps.DP Cat. III	6.0000	Ea	0.0000 (zero only)	0.0000
146.	146	providing and erecting Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (iii) 63 Amps.DP Cat. III	6.0000	Ea	0.0000 (zero only)	0.0000
147.	147	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	1.5	SQMT	0.0000 (zero only)	0.0000

		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 as per IEC 61439 for beneficial use. (ii) with 550 mm. Depth				
148.	148	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.(E) Suitable for 630 Amp. capacity	1.0000	Mtr	0.0000 (zero only)	0.0000
149.	149	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	1.0000	Mtr	0.0000 (zero only)	0.0000

		connections.((D) Suitable for 400 Amp. Capacity				
150.	150	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	1.0000	Mtr	0.0000 (zero only)	0.0000
151.	151	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.	1.0000	Each	0.0000 (zero only)	0.0000
152.	152	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.	1.0000	Each	0.0000 (zero only)	0.0000
153.	153	Supplying and erecting Ammeter / Voltmeter selector switch for 3 phase AC Supply 500 V on existing panel board with necessary connections.	1.0000	Each	0.0000 (zero only)	0.0000
154.	154	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	3.0000	Each	0.0000 (zero only)	0.0000

155.	155	Supplying and erecting approved make suitable panel indicator lamps of LED type lamp, lens cover, Bakelite holder complete erected with necessary connections.	6.0000	Each	0.0000 (zero only)	0.0000
156.	156	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.	1.0000	Each	0.0000 (zero only)	0.0000
157.	157	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	3.0000	Ea	0.0000 (zero only)	0.0000
158.	158	Supplying & erecting approved make Digital time switch having lithium cell 6 years operative and operate battery backup 1 channel day clock with 14 memory programme, suitable to operate on 240V + 5%, 16A with, floating contacts Minimum switching setup time 1 minimum & LCD display. Also comprised permanent ON/OFF switching. Programming switches & housed in fire proof thermoplastic enclosure & transparent cover erected as required with necessary connection erected as directed.	1.0000	EA	0.0000 (zero only)	0.0000
159.	159	Supplying & erecting power contactor ,AC3 duty for time switch complete erected as per direction Cat III .Cat : III & As per approved Make List. [D] 4 pole 440V 40 Amp.	1.0000	EA	0.0000 (zero only)	0.0000
160.	160	Providing and erecting four pole MCB isolator A.C. 22 duty confirms	1.0000	Ea	0.0000	0.0000

		to IS 13947-3 in existing box. (c) for 100 Amp. CAT-III			(zero only)	
161.	161	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.	40.0000	Kg.	0.0000 (zero only)	0.0000
162.	162	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	40.0000	Mtr	0.0000 (zero only)	0.0000
163.	163	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) 4 core 16 Sq. mm	40.0000	Mtr	0.0000 (zero only)	0.0000
164.	164	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 (e) 4 core 25 Sq. mm	1.0000	Mtr	0.0000 (zero only)	0.0000
165.	165	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-1) 3 1/2 core 35 Sq. mm (16 Sq. mm 1/2 core)	30.0000	Mtr	0.0000 (zero only)	0.0000
		Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with			0.0000	

166.	166	necessary clamps or in existing trench / pipe at road crossing or floor of following size of cable.(a-1) 3 core 4 Sq. mm	40.0000	Mtr	(zero only)	0.0000
167.	167	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 6 Sq. mm	1.0000	Mtr	0.0000 (zero only)	0.0000
168.	168	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (A-1) 4 core 4 Sq. mm	1.0000	Mtr	0.0000 (zero only)	0.0000
169.	169	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (B) 4 core 6 Sq. mm	1.0000	Mtr	0.0000 (zero only)	0.0000
170.	170	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. (a) 2 to 4 core 2.5 / 4 Sq. mm	4.0000	Ea	0.0000 (zero only)	0.0000
171.	171	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	4.0000	Ea	0.0000 (zero only)	0.0000
172.	172	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	4.0000	Ea	0.0000 (zero only)	0.0000

		following size of cables. (c) 2 to 4 core 10 Sq. mm				
173.	173	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	4.0000	Ea	0.0000 (zero only)	0.0000
174.	174	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. (e) 2 to 4 core 25 Sq. mm	1.0000	Ea	0.0000 (zero only)	0.0000
175.	175	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (B) 3 & 1/2 core 35/50 Sq. mm	2.0000	Ea.	0.0000 (zero only)	0.0000
176.	176	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	32.0000	Ea	0.0000 (zero only)	0.0000
177.	177	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. (C) 16/25 Sq.mm.	16.0000	Ea	0.0000 (zero only)	0.0000
178.	178	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	8.0000	Ea.	0.0000 (zero only)	0.0000

		with brass/cadmium plated nut bolts in an approved manner. (D) 35/50 Sq.mm.				
179.	179	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..150 X 50 X 1.5 mm Thick	25.0000	RMT	0.0000 (zero only)	0.0000
180.	180	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	25.0000	RMT	0.0000 (zero only)	0.0000
181.	181	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.450 X 50 X 1.5 mm Thick	1.0000	RMT	0.0000 (zero only)	0.0000
182.	182	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	4.0000	EA	0.0000 (zero only)	0.0000

		on existing support as per Specification and as per instruction of engineer in charge..(b) 90° Elbow (3) 150 X 50 X 1.5 mm Thick 90° Elbow				
183.	183	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 1.5 mm Thick 90° Elbow	4.0000	EA	0.0000 (zero only)	0.0000
184.	184	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 (6) 450 X 50 X 2.0 mm Thick 90° Elbow	4.0000	EA	0.0000 (zero only)	0.0000
185.	185	Providing and fixing approved make Ladder type cable tray. Made from M.S sheet. The cable tray should be bended as per IS 2062/1079 shall be fabricated of double bended channel section longitudinal members with single bended Channel section. Rungs of members welded to the base of the longitudinal members at 250 mm c/c spacing . as per IS and shall be coated with hot dip galvanizing as per IS 2629/4759. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and	1.0000	RMT	0.0000 (zero only)	0.0000

		as per instruction of engineer in charge.. 600 X 100 X 2.0 mm Thick				
186.	186	Providing and fixing approved make "90° Elbow" for ladder type cable tray. Made from M.S 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..600 X 100 X 2.0 mm Thick	4.0000	EA	0.0000 (zero only)	0.0000
187.	187	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-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	20.0000	RMT	0.0000 (zero only)	0.0000
					Total Amount :	**0.0000**

SCHEDULE B 5

S.No.	Item No.	Item Description	Qty	Unit	Tender Rate(INR)	Amount(INR)
188.	188	[D] Supplying under floor trunking accessories joint sleeves for 25mm / 38mm pipe with following dimensions [4] 225 x 25 x 1.6 mm for three compartments	6.0000	EA	0.0000 (zero only)	0.0000
		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 die cast				

189.	189	powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED efficiency-110 lumens/watt LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. (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.) (A) Tube Light with integral driver (e) 36 Watts, Surge-2 KV, IP-20, 4 feet CAT-III	4.0000	Ea	0.0000 (zero only)	0.0000
190.	190	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 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED efficiency 110 lumens/watt. LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. (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	70.0000	Ea	0.0000 (zero only)	0.0000

		shown.) (C) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete.IP20 (C) 22-24 watts, Surge-2 KV CAT-III				
191.	191	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 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED efficiency 110 lumens/watt. LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. (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.) ((D) LED Panel Light with provision for Plane front frame with translucent cover fixed to housing complete.IP20(f) 36 watts, 24" x 24" mm, Surge- 2KV Cat-lll	90.0000	Ea	0.0000 (zero only)	0.0000
		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 die cast powder coated and high U.V. & corrosion resistance with diffuser				

192.	192	with company mark/name 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED efficiency-110 lumens/watt LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. (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.) (I) Mirror Light 9 Watts, wall mounted minimum 1 feet long	10.0000	Ea	0.0000 (zero only)	0.0000
193.	193	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 1Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 120 to 300 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K, Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/ BridgeLux (U.S.A.) make LED used for luminaire. (fittings 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) Flood Light (IP-65), Surge -4KV,Light must	6.0000	Ea	0.0000 (zero only)	0.0000

		have 440VAC line supply protection. It should withstand 48 hours for 440VAC line supply (b) above 48 to 60 Watts Cat-lll				
194.	194	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate including value of earth resistane of installation. [C] For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA) i.e. independent Earthing located in other than normal soil i.e. Soft Rock, Marshy Soil etc.. -Length of Pipe : 3 Mtrs. -Back filling Compound :2 nos Bags of 25 Kg.	2.0000	Nos	0.0000 (zero only)	0.0000
195.	195	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.	50.0000	KG	0.0000 (zero only)	0.0000
196.	196	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	20.0000	KG	0.0000 (zero only)	0.0000
197.	197	Providing and erecting HOT deep Galvanised iron strip wire 8 to 16 SWG.	30.0000	KG	0.0000 (zero only)	0.0000
		TELEPHONE SYSTEM SITC of Digital / PCM / TDM EPABX System having SMT design,				

198.	198	system with flexible universal slots. Inbuilt Auto attendant facility, Minimum 15 Nos. conference, Analog extension line, Calling GSM, E&M line, PRI / EI & VOIP program me through Analog telephone digital key from Ethernet, public address cord, shall have unrestricted simultaneous dialing facility, QSIG protocol on PRI, 95 / STD / ISD / Local-Locking, Class of Service, Quick Dial-Single Digit dialing of any two external number, Once only ring device, Boss/Secretary-Do not disturb Facility, Power Down Mode, Hot Line, Hot Outward Dialing, 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 Dialing, External Music Input, Fax Homing, Global Directory Printing with following [A] No of Extension 16, No of Junctions 6, 8 Port IP Resource in-built, 4 Port Web base Video Conferencing, No of expandable ports : 48, Operators Console - 01 Compatible : ISDN	1.0000	EA	0.0000 (zero only)	0.0000
199.	199	: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.[B] Armoured(Jelly Filled) 1) Ten Pairs	1.0000	Mtr	0.0000 (zero only)	0.0000
		Supplying & erecting approved make				

200.	200	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	20.0000	Mtr	0.0000 (zero only)	0.0000
201.	201	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.[B] Armoured(Jelly Filled) 3) Fifty Pairs	1.0000	Mtr	0.0000 (zero only)	0.0000
202.	202	Providing & erecting main Distribution (MDF) indoor type, back mounted frame as per DoT standard approved with krone strips (a) Suitable for 10 pair	1.0000	Ea	0.0000 (zero only)	0.0000
203.	203	Providing & erecting main Distribution (MDF) indoor type, back mounted frame as per DoT standard approved with krone strips (b) Suitable for 20 pair	1.0000	Ea	0.0000 (zero only)	0.0000
204.	204	Providing & erecting main Distribution (MDF) indoor type, back mounted frame as per DoT standard approved with krone strips (c) Suitable for 50 pair	1.0000	Ea	0.0000 (zero only)	0.0000
205.	205	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	10.0000	Ea	0.0000 (zero only)	0.0000

		situation directed by Engineer In charge. (3) Two Pin/RJ-11 Telephone Socket [A] For One Gang Cat.III				
206.	206	Supplying & erecting push button type telephone instrument having speaker phone Caller ID & hands free dialing system & 30 memories with display system (a) Single line BEETEL/panasonic or equivalent make	10.0000	Ea	0.0000 (zero only)	0.0000
207.	207	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. [A] Conductor Size 0.5 mm (a) Unarmoured 2) Two Pairs	250.0000	Mtr	0.0000 (zero only)	0.0000
208.	208	CCTV & DATA NETWORKING 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	7.0000	Ea	0.0000 (zero only)	0.0000
209.	209	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [D] CAT - 6 E (For LAN & Camera).	400.0000	Mtr	0.0000 (zero only)	0.0000
210.	210	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	12.0000	Ea	0.0000 (zero only)	0.0000

		erected with necessary connection. As desired by Engineer In charge.Modem Jack for Computer Open RJ-45 CAT III.				
211.	211	SITC of 24 x 10/100/1000BASE-T 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	2.0000	Ea	0.0000 (zero only)	0.0000
212.	212	SITC of 24 x 10/100/1000BASE-T PoE ports 4 x Gigabit RJ45/SFP Combo ports Advanced L2 switching and security features L2+ Static Routing Optional "standard mode" or "surveillance mode" management user interface 193 W PoE budget	1.0000	Ea	0.0000 (zero only)	0.0000
213.	213	SITC of Patch Panel Cat 6 UTP Keystone Type-24 Port-Fully Loaded	1.0000	Ea	0.0000 (zero only)	0.0000
214.	214	SITC of CAT6 UTP 24AWG PATCH CORD:1M,Plug 30U" Snag less	48.0000	Ea	0.0000 (zero only)	0.0000
215.	215	Network Video Recorder: Supply, Installation, Testing and Commissioning of IP survellance 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.	1.0000	Ea	0.0000 (zero only)	0.0000
216.	216	Supply, Installation, Testing and commissioning of 8 TB Surveillance series Hard disk	1.0000	Ea	0.0000 (zero only)	0.0000
217.	217	Supply Installation, Testing & Commissioning of Wall mounted Communication Rack with Glass doors. Handles. Lock, Top & Bottom Cable entries supports for mounting rack on the wall, Cable managers, One Fan, Equipment mounting hardware, Power Supply box for supplying power to	1.0000	Nos	0.0000 (zero only)	0.0000

		switches, Fans etc. Along with earth continuity kit, MCB, Indicator, Molded power supply cable. 19 inch 6U 530mm Depth Wall mounted				
218.	218	Supply Installation, Testing & Commissioning of Wall mounted Communication Rack with Glass doors. Handles. Lock, Top & Bottom Cable entries supports for mounting rack on the wall, Cable managers, One Fan, Equipment mounting hardware, Power Supply box for supplying power to switches, Fans etc. Along with earth continuity kit, MCB, Indicator, Molded power supply cable. 19 inch 18U 1000mm Depth Wall mounted	1.0000	Nos	0.0000 (zero only)	0.0000
219.	219	Wi-Fi System : Supply, Installation, testing & commisioning of Wire less WiFi Router with below specification Networking Interface : (1) 10/100 Ethernet Port Buttons : Reset Antennas ,Power Method : Passive Power over Ethernet (12-24V) Power Supply : Included 24V, 0.5A PoE Adapter Maximum Power Consumption : 6 W Maximum TX Power : 27 dBm BSSID : Up to Four Per Radio Power Save : Supported Wireless Security : WEP, WPA-PSK, WPA-TKIP,WPA2 AES.(WIFI router should support 5G Speed.)	2.0000	EA	0.0000 (zero only)	0.0000
220.	220	SITC Of 40 Inch Full HD LED TV as per tender specification.	1.0000	Ea	0.0000 (zero only)	0.0000
		PROJECTOR SYSTEM SITC of 3LCD Lamp based projector having wxga (1280x800) or better resolution with minimum white brightness of 3700 lumens and color brightness of 3700 lumens. The projector should have minimum 1HDMI,1VGA input. Having contrast ratio of 15000:1 or more. the projector should have				

221.	221	auto vertical key stone correction of +/- 30 degree and Manual Horizontal of +/-30 degree. the projector should have optical lens, throw ratio 1.30-1.56:1. Zoom Factor of 1.2. Lens focus Manual having focal length 16.9mm to 20.28mm. projector should have features like AV mute slide, quick corner and split function and should support wireless functionality with inbuilt WiFi or wifi dongle. Approved Make : Epson / Sony / Panasonic	0.0000	NO	0.0000 (zero only)	0.0000
222.	222	SITC of 100 inch Self Lock MW (7 x 5) Instalock Slow Retraction Screen, Aspect Ratio-4:3	1.0000	Nos	0.0000 (zero only)	0.0000
223.	223	SPEAKER/SOUND SYSTEM Supplying & erecting Philips Ahuja make or equivalent Amplifier having following specification: Power Output :250W (RMS) (300W Max.) inputs : 6 Misc. & 2 Aux. frequency Response :50-1500HZ I3db Tone Controls :Cut & Boost type LED Meter :5 LED Arrays The amplifier suitable to operate 240V A.C.& 24volt D.C. (Battery) with automatic changeover from AC to Battery operation, duly protected by wrong Battery Polarity connections.	1.0000	EA	0.0000 (zero only)	0.0000
224.	224	Supplying &, Erecting. Philips/Ahuja make or equivalent speaker system comprising 50W handling capacity with frequency response of 55 - 200,00Hz & 16 Ohms impedance with high efficiency 2Nos. of 8 inch full range speakers housed in acoustically suspended enclosure	6.0000	EA	0.0000 (zero only)	0.0000
225.	225	Supplying & erecting recess wall mounting speaker with 5W rated input power 3.3 K. Ohms / 3W impedance, 100 - 10000 Hz frequency response with 6 inch dia. cone	1.0000	EA	0.0000 (zero only)	0.0000

		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				
226.	226	Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kv grade ISI marked copper wires of following size to be erected as directed.d) 1.50 Sq.mm 2 core round PVC sheathed	80.0000	RMT	0.0000 (zero only)	0.0000
227.	227	SITC of Music source, USB/SD/Tuner MP3 playback from SD card and USB inputs FM tuner with RDS, presets and digital control Simultaneous operation of SD/USB-player and FM tuner Separate outputs for digital source and FM tuner	1.0000	Nos	0.0000 (zero only)	0.0000
228.	228	TELEVISION CABLE. 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	60.0000	Mtr	0.0000 (zero only)	0.0000
229.	229	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. (4) TV Co-axial Socket outlet Cat.II	2.0000	Ea	0.0000 (zero only)	0.0000
		INTERIOR FURNISHING: Providing and fixing single layer waterproof gypusm board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x				

230.	230	1830 mm x 8.0 mm suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	284.0000	Sq.mt	0.0000 (zero only)	0.0000
					Total Amount :	**0.0000**

SCHEDULE B 6

S.No.	Item No.	Item Description	Qty	Unit	Tender Rate(INR)	Amount(INR)
		Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet				

231.	231	spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet to be interlocked at middle of the 1200X600mm panel to form grid of size 600X600mm resting on periphery walls/partitions on a perimeter wall angle pre-coated steel of size (24X24X3000mm made of 0.40mm thick (minimum) sheet with the help of rawl plugs at 450mm centre to centre with 25mm long dry wall screws @ 230mm interval and laying 15mm thick Densified edges light weight calcium silicate ceiling tiles of approved texture (Fine Fissured/Cosmos/Spintone) in the grid including, cutting /making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required, Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25X35X1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners, 4mm G.I. adjustable rods with galvanized steel level clips of size 85X30X0.8mm, spaced at 1200mm centre to centre long main 'T' bottom exposed with 24mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge.Note:- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tiles shall have NRC. Value of 0.50 (Minimum) for Fine fissured/Spintone/Cosmos and 0.75 NRC for Globe, light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity. 0.043° w/m KC.for the best thermal	1.0000	Sq.mt	0.0000 (zero only)	0.0000

		Insulation				
232.	232	Reception Table : 2000 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 Front panel top & Side : 35mm thick top comprising from IS 303 BWR ply with 1 mm thick VNR Laminate finish as per approved make & sample . Working Desk Top: 35mm thick top comprising from IS 303 BWR ply with 1 mm thick VNR laminate as per approved make & sample. Table front: Comprising from 12/19 mm thick IS 303 BWR ply & finish with 1 mm thick VNR laminate as per approved make & sample. Vertical support: 50 mm thick support Comprising from IS 303 BWR ply & finish with 1 mm thick VNR laminate as per approved make & sample. Pedestal unit : 3 Drawer unit Comprising from IS 303 BWR ply with 1 mm thick VNR laminate & inner side finished with linear laminate as per apprvoed make & sample. Work complete including all type of SS 304 hardware, accessories, Profile handle, Lock, etc . Wire management: 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 , led light fixture /strip light 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.	1.0000	Nos	0.0000 (zero only)	0.0000

233.	233	Cabin Furniture table : Table top : 1800 x 750 x 750 mm, Side Unit : 1050 x 450x 750 mm, Back side Unit : 1800 x 450x 750 mm, Pedestal Unit-400x470X545. 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: 35 mm thick Post Laminate top as per Architect Selection with matching PVC Edge banding from Rehau / Equivalent finish with laminate as per approved sample & make. 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).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 squezze :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	2.0000	Nos	0.0000 (zero only)	0.0000

		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, all accessories as described in item description. Work complete as per the detailed drawing , mockup sample and instruction of Architect/Client.				
234.	234	Conference room : 5000x1200x750 mm Worktops Shall be 35mm thick post formed finish made of MDF exterior grade all around with various shades to choose from. Work surface height shall be 740 - 750 mm for ergonomics keeping. The Vertical & horizontal wire carriers placed below the work surface. It is made of CRCA steel & is fixed to the beam using specially designed brackets. Wire manager can carry over 60 wires along the length of the system.Raceway shall be 0.8 mm thick CRCA horizontal and vertical raceways with metal seperator of size 100 mm H x 50 mm D. Duo (Acces flap) shall be one way/two way openeable flip top box mounted on the table top . A metal separator within the wire carrier is provided to separate electrical & data cables.Linear Table shall be constructed using high grade extruded aluminium sections in twin leg type construction with die cast end caps & levelers. Leg assembly shall be combination of aluminium die cast components i.e. Aluminium die cast -LM-24 , Aluminium extrusion -6005 -T6.The leg assemblies shall be finished with superior powder coat finish. Beam used shall be aluminum extrusion of HE 9 grade. Beam shall have T-Slots on all the faces for easy clamping of components. Beam shall also be with superior powder coat finish. Beam dimensions: (H) 92 mm x (W) 40mm.	1.0000	Nos	0.0000 (zero only)	0.0000
		Workstation/ Desk System : 1200 mm x 600				

235.	235	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 boad , 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	4.0000	Nos	0.0000 (zero only)	0.0000
		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				

236.	236	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	3.0000	Nos	0.0000 (zero only)	0.0000
237.	237	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, 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	2.0000	Sq.mt	0.0000 (zero only)	0.0000

		intent. No additional claims will be entertained for this. Equivalent to VNR series laminate.				
238.	238	Three Seater Sofa: 2100mm (L) x 870 mm (B) x 800 mm (H) made up of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density thikness & 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.	1.0000	Nos	0.0000 (zero only)	0.0000
239.	239	Two Seater Sofa : 1500mm (L) x 870 mm (B) x 800 mm (H) made up of Solid teak wood with PU semi gloss finished polish. The seat shall 150 mm th 40 density thikness & 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	2.0000	Nos	0.0000 (zero only)	0.0000

		this.Rate shall inclusive of providing mockup sample for approval of architect.				
240.	240	Center table : @ 900 x 600 x 350 mm Providing & fixing of center table : 35 mm thick top comprising from IS 303 BWR ply with finish of 1 mm thick VNR Laminate.Vertical support from IS 303 BWR ply with finish of 1 mm thick VNR Laminate or teak wood with PU polish.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. Equivalent to VNR Series Laminate.	2.0000	Nos	0.0000 (zero only)	0.0000
241.	241	Corner table : @ 450 x 450 x 350 mm Providing & fixing of center table : 35 mm thick top comprising from IS 303 BWR ply with finish of 1 mm thick VNR Laminate.Vertical support from IS 303 BWR ply with finish of 1 mm thick VNR Laminate or teak wood with PU polish.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. Equivalent to VNR Series Laminate.	3.0000	Nos	0.0000 (zero only)	0.0000
		Beam seating (3seater) : Beam seating model equivalent to Benz 01 as per approved make list . Seat & back with pu injection foam				

242.	242	mould.Paddings with Two Arms at the End. MS Legs at the base with powder coating . 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.	3.0000	Nos	0.0000 (zero only)	0.0000
243.	243	Chair 1: Medium Back Revolving Chair Model equivalent to EVO 02 : Medium Back Revolving Chair as per approved make list. Back Frame in Moulded Nylon & PP, PU moulded Cushion on Seat, Back Lumber Support, Nylon Mesh in Back with Adjustable arms, Nylon base, Synchro Tilt Mechanism & 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.	25.0000	Nos	0.0000 (zero only)	0.0000
244.	244	Head chair (Conference & Cabin) : 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.	3.0000	Nos	0.0000 (zero only)	0.0000
245.	245	Plastic chair (Community Hall): Provding and fixing Plastic chair of Nilkamal / Supreme or as per approved sample & make. 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	1.0000	Nos	0.0000 (zero only)	0.0000

		description. Work complete as per the detailed drawing and instruction of Architect/Client. Model Equivalent to Nilkamal CHR 4002 Armless Chair				
246.	246	EXTERNAL DEVELOPMENT: 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	72.0000	Cu.M	0.0000 (zero only)	0.0000
247.	247	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 up to 50 meters lead.	41.0000	Cu.M	0.0000 (zero only)	0.0000
248.	248	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.	67.0000	Cu.M	0.0000 (zero only)	0.0000
249.	249	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	21.0000	Cu.M	0.0000 (zero only)	0.0000
250.	250	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	19.0000	Cu.M	0.0000 (zero only)	0.0000
251.	251	Providing and laying cement concrete 1:3:6 (1- Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	6.0000	Cu.M	0.0000 (zero only)	0.0000
252.	252	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.	14.0000	Cu.M	0.0000 (zero only)	0.0000
253.	253	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,	7.0000	Cu.M	0.0000 (zero only)	0.0000

		Balconies, Lintels, Beams, Girders and Cantilever upto floor two level.				
254.	254	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.	3.0000	Cu.M	0.0000 (zero only)	0.0000
255.	255	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	1,888.0000	KG	0.0000 (zero only)	0.0000
256.	256	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in superstructure above plinth all level in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	23.0000	Cu.M	0.0000 (zero only)	0.0000
257.	257	20mm thick sand faced cement plaster on walls up to height 10mt above ground level consisting of 12 mm thick backing coat of C.M. 1 : 3 (1- Cement: 3 -Sand) and 8 mm thick finishing coat of C.M. 1 : 1 (1-Cement : 1-Sand) etc. complete.	220.0000	Sq.mt	0.0000 (zero only)	0.0000
258.	258	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	220.0000	Sq.mt	0.0000 (zero only)	0.0000
		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 paint including preparation of supplementary sketches and detailed bill of				

259.	259	materials supply of bolts, nuts, washers, shims, packs, putty. gas, welding electrodes and all other consumables, as required and carrying out surface preparation to SA 2 1/2 by shot or grit or copper slag blasting, 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, touch up paintings, including supply of paint,all complete . Contactor shall provide certificate for the fabrication structure. work completed as per the instruction of EIC. (for Main Gate)	173.0000	Kg	0.0000 (zero only)	0.0000
260.	260	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pnumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	203.0000	Sqmt	0.0000 (zero only)	0.0000
261.	261	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 (1cement:3fine sand) etc complete.	50.0000	Rmt	0.0000 (zero only)	0.0000
					Total Amount :	**0.0000**

Notes

SCHEDULE B 1

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SCHEDULE B 2

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SCHEDULE B 3

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SCHEDULE B 4

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SCHEDULE B 5

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SCHEDULE B 6
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