

Name of the work : S/R TO A.O.Building at Gandhidham.

SCHEDULE-B

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words.	
PART - A (Civil Works)							
1	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 1.00 km lead as directed by Engineer-in-charge.	1150.10			M2		
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : (A) Of area 3 sq. metres and below	561.00			Each		
3	Removing old whitewash / distempering from wall surface even by thoroughly cleaning oil, grease, dirt & other foreign matter and with wire brushes, fine steel wool, scrapers and sand paper complete as directed by Engineer- in-charge.	5343.75			M ²		
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. (A) For thickness of tiles 10 mm to 25 mm	747.50			M ²		
5	Providing and laying vitrified floor/dedo tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand),jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments , or fixing with chemicals etc. complete. (A) Size of Tile 600x600 mm	4160.20			M ²		
6	Grouting the joints of flooring/dedo tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling /grouting and finishing complete as per direction of Engineer-in-charge. (A) Size of Tile 600x600 mm	4160.20			M ²		

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7	Wall painting with Velvet touch paints of approved make and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface clear of all mortar droppings and other foreign matters and sanding etc. complete all labour, material & tools & tackles as directed.. THREE COATS.	3349.40			M ²		
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including built up cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	12676.23			KG		
9	Providing and fixing Aluminium Composite panel cladding including at all levels & framing as per the elevation, section and the plan drawings provided, fabricated out of heavy duty Aluminium extruded profiles conforming to alloy 643900 WP with chemical composition and mechanical properties as per IS-733 and as per specifications including the cost of scaffolding and other incidentals. b) The contractor must design the cladding as per the prevalent site conditions and building elevations profiles. No extra claims shall be entertained at any stage for aluminum profile/ wall thickness and size dimensions. The Contractor must quote rates accordingly. c) The anchoring / bracing of the wall cladding to the RCC beams/ columns shall be done with non-corrosive galvanized brackets of approved design (Galvanizing to be done conforming to IS 4759-1996 up to 610 gms. Per Sq. M. (80- 90 micron thickness). d) The framework shall be aligned for the entire height of each Mullion and of the entire width of each Transom by laser beam equipment to ensure 100 percent , "X" axis and "Y" axis alignment. e) EPDM Gaskets of suitable profiles (to accommodate shall be provided including the labour element for fixing in appropriate locations is to be included in the rate). f) The Periphery of the framework shall be sealed both from inside and outside with silicon weather sealant to make the cladding watertight.						

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	g) Cost of Aluminium composite panel consisting of a core of polyethylene sandwiched between two aluminium skins of 0.5 mm thickness with a mild edge. 4 mm total thickness with surface finish of PVDF coating as approved by the Engineer-in-charge, as shown in the elevation, plan and cross section drawings along with labour element for cutting stacking, carrying to heights and fixing to appropriate locations is included in the rates. h) All the vertical and horizontal section grooves are to be sealed non staining silicon sealant of make as specified in the list of approved make to make the entire system synchronies with the basic structural glazing/curtain wall structure and also make the system air tight and watertight. The fixing details should be got approved by the Engineer- in-charge. The peel off foil should be removed at the time of handing over as may be required by the Engineer-in-charge.						

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	I (i) ACP shall be as approved with high fiber filled sandwiched panel 4 mm installed on Aluminium framing and Galvanised brackets. Aluminium cladding panel to be PVDF fluorocarbon coated factory applied colours. Reverse side to be in mill finish. All the joints shall be sealed with silicon sealant of approved make. The colour of sealant to be decided by Engineer-in-Charge. ii) A sample of panels and installation methods to be submitted to the Engineer-in-Charge for approval. j) Manufacture i) The panels must be visually flat. Any stiffener applied to compensate for wind load must not read through. k) Installation i) The panels shall be fixed in accordance with manufacture's recommendations. ii) Technical Properties of Aluminium Composite Panels iii) All cladding shall be of 4.0 mm thick aluminium composite panel comprising of high mineral filled core sandwiched between two skins of aluminium alloy. 1. Mechanical Properties : Tensile strength >130 N / mm2 : 0.2 % proof stress 90 N / mm2 : Elongation 5 % : Modulus of elasticity 70,000 N/mm2 2. Vibration and Noise :Average airborne–Sound Damping Transmission loss R/N 25db (DIN 4109) 3. Thermal Transmittance"s: 0.014 m2 °C/W 4. Moment of Inertia :0.347 cm4/m 5. Panel Weight :5.5 Kg/m2 6. Finish :PVDF stove lacquered (Fluoro carbon) on one side and reverse side in mill finish. 7. Colour :Colour to be selected by Engineer-in-Charge Representative using standard PVDF colour chart from manufacturer	394.00			Mtr.		

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	. l) Protection: Protection should not be removed until after installation. m) Warranties The Contractor shall provide a data to confirm compliance with specific requirements for resistance and fire properties. The guarantee should be for a 20 salt spray resistance and fire properties. The guarantee should be for a 10 year period against peeling chalking (No. 8 rating), fading, blistering, flaking, chipping and cracking. n) Measurement: The measurement shall be for exposed actual surface area with grooves cladded on plain/ curved surface excluding the concealed trims. o) Product i) ACP shall be as approved with high fiber filled sandwiched panel 4 mm of approved shade and colour and installed on Aluminium framing and Galvanised brackets. Aluminium cladding panel to be PVDF fluorocarbon coated factory applied colours. Reverse side to be in mill finish. All the joints shall be sealed with silicon sealant of approved make. The colour of sealant to be decided by Engineer-in-Charge. ii) A sample of panels and installation methods to be submitted to the Engineer-in-Charge for approval.	2227.00			M2		
10	Designing, providing, fabricating and installing curtain glazing system (inclusive of vision, spandrel and openable panels) with back structure framing arrangement, as per approved design (based on concept architectural elevation drawings), Anodised Aluminium members like mulions, etc. in approved shade, including required stainless steel fitting and fixtures, required hot dip galvanised / non ferrous metal anchor fasteners, jointing and sealing with approved compatible silicon sealant (Dow Corning or equivalent approved), required fire stop, sheaves. Work to include preparing and finishing of junctions with concrete, masonry, aluminium including use of flashing if any as approved by the Engineer in charge etc. all complete, at all levels.						

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	Further include, design and details submitted by Architect, taking actual site measurements and modifying and coordinating with site and fabrication yard; giving waterproofing test etc. all confirming to international standards and to the entire satisfaction of the Engineer in charge. Further the system installed and tested shall be guaranteed for 10 years in approved proforma on stamp paper of appropriate value						
	i) Vision panel of DGU with 5 mm toughened glass of SKN 265 of Saint Gobain or Eclipse advantage bronze of Pilkington Glass India PVT. Ltd or Bronze Brook of AIS, heat strengthen high performance clear glass of approved shade of reflective glass.						
	ii) including openable panels	1221.90			M2		
11	Providing and fixing CNC cut of 12 mm thick MDF board, duco painted on both the sides & inside cut outs with MS supporting structure so as to achieve desired design pattern up to satisfaction of engineer in charge	249.00			M2		
12	Specifications to be same as item number 9 but for providing and fixing ACP having wooden shades with 4 mm thickness full (Through) of approved shade and make so as to achieve desired design pattern	140.70			M2		
13	12 mm cement plaster of mix : (A) 1:4 (1 cement: 4 fine sand)	500.00			M2		
14	providing & fixing of artefacts ex. paintings, flower vase, wall pieces, doormat, carpet/rugs etc are placed/fixed in tumbler, bucket, mirror of size 3'x3', vending machine for sanitary napkins, automatic hand dryer machine, dustbins, tissue paper roll holder, roll etc. as directed by engineer-in-charge & as per drawing.	177.00			NOS		

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15	Providing and fixing 'Birdedge' stainless steel spikes on windows of A.O. Building; made out of moulded polycarbonate base with ultraviolet stabilizer and of width 0.8" dia of hole 0.156" and dia of centre projection 0.125" and spikes projections are made of stainless steel of wire of dia .061" and spread of 2".0" length fixed with adhesive of superior quality on top of steel structure complete with all labor and materials as directed.	888.80			RMT		
16	Providing and fixing UPVC doors and windows of approved make with frame size 69mm x 58mm, Sash size - 96mm x 58mm, Mullion size - 68mm x 30mm Casements & Hinged with full reinforcement and white color, 8mm thick heat strengthened glass, Drainage Base, upto floor two level with all materials and labour as directed by the engineer-in-charge	121.05			M2		
17	Modification of existing flush door by applying 1.00mm thick laminate on both side of door & framing with 18mm thick plywood on one side upto 25 cm & fixing of same lamiante on it with fevicol S.S.Railway type hinges 100mm size including all labour, materials etc... by Engineer in charge.	1294.30			M2		
18	Supplying and fixing the following S.S. fixtures for work upto floor two level, of approved quality to the doors, windows, cupboards,etc complete as directed by Enginner-in-charge						
	(A) Door Stopper S.S. 150mm	432.00			EACH		
	(B) Hydraulic Door Closer heavy	216.00			EACH		
	(C) S.S. mortise lock handle with lock body cylinder & adopter for double door.	216.00			EACH		
19	Providing & fixing of Room Name Plate of size 22" x 7" with Etched S.S.Plate on teak wooden base polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-in-charge.	200.00			EACH		

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			In fig.	In words.	In fig.	In words.	
20	Providing & fixing Number Plates of size 6" x 6" with Etched S.S.plate on teak wooden base polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-in-charge.	300.00			EACH		
21	Providing & laying cement concrete solid blocks 1:8:6 (machine made) confirming to relevant IS (Latest Edition) masonry 200mm thick set in cement mortar 1:6 including curing etc.complete as directed. In superstructure upto floor Six level.	2.55			M3		
22	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. (A) In cement mortar	1.90			M3		
23	Providing & fixing false ceiling system using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x42mm web height, having 0.36mm gauge at every 600mm c to c maximum and rotary stitched cross tee of size 15mm x 42mm,having 0.33mm gauge at every 600mm c/c and wall angle of size19mm x 19mm, having 0.35mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c in both directions using 2 mm thick pre-straightened GI wire laying Fine Fissured Midrollok Edge with Silhouette Grid ceiling tiles of size600mm x 600mm x 15mm having NRC 0.55, Light reflectance of >84% (WT), thermal conductivity k = 0.052 - 0.057 W/m0K, Humidity Resistance of 99%, having Fire Performance Class O / Class 1 (BS 476), and 40mm long anchor fasteners, surface having 3 coats of white paint with FineFissured, back of the tile duty sanded and finished with a coat ofprotective paint over the formed grid complete. The workcomprises of all tools, labours and materials to fix the ceiling inproper way as directed by engineer-in-charge. Before fixing theceiling, the contractor has to approve the brand of all thematerials from the engineer in charge. The work carrid out upto floor six level (Armstrong make).	2329.40			M2		

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words.	
24	Providing & fixing of 48" dia DEENDAYAL PORT AUTHORITY Logo - Made from 2mm thick S.S.304 sheet with 2" embossed Lasercut fabriated letters and logo, water proof 3SMD blue LED modules backside letters and mounted with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.	1.00			EACH		
25	Providing & fixing of 12" dia DEENDAYAL PORT AUTHORITY Logo - Made from 2mm thick S.S.304 sheet with 2" embossed Lasercut fabriated letters and logo, water proof 3SMD blue LED modules backside letters and mounted with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.	4.00			EACH		
26	Removing & refixing of SS finish / Glossy LED letters at A.O.Building - Fecade. (A) Removal of old letters in Hindi, English & Gujarati i.e. Deendayal Port Authority, Administrative Office (All in Hindi, Gujarati & English). (B) Refixing of the existing LED letters after ACP cladding in Hindi, English & Gujarati i.e. Deendayal Port Authority & Administrative Office all in Hindi, Gujarati & English as directed by Engineer in charge including all electrical wiring & replacement of any damaged electrical part etc.	1.00			JOB WORK		
27	Providing & fixing of Sign Board with LEDs - Chairman's Office in Hindi & English both language of size 12" on ACP cladding including wiring , timer etc...	2.00			NOS		
28	Providing & fixing of Sign Board with LED's - Annexe in English & Hindi both language of size 12" on ACP cladding including electrical wiring , timer etc...	2.00			NOS		
29	Polishing of kota stone single coat on exesting flooring including machine,material,labour including repairs of kotastone wherever necessary.	1585.20			M2		
30	Providing flooring with river finished 19mm thick granite with polishing at staircase with epoxy joint on existing flooring with chemical including pointing the joints with white cement including finishing and curing the joint complete as directed.	276.40			M2		

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			In fig.	In words.	In fig.	In words.	
31	Providing & fixing false ceiling of 12mm moisture resistant gypsum board panel, screwed to G.I. angle with anchor fasteners frame fabricated with ceiling sections, perimeter intermediate, ceiling angle, security fixed etc.. as required. All joints of panels filled and finished with gypsum jointing compound jointing tapes etc.. complete as per instrusions of Engineer-in-charge. The cost include all cut outs in ceiling for light fixtures, AC, fan anything needed on site as directed by Engineer-in-charge.	325.25			M2		
32	Cleaning and Sweeping of staircase, steps, railing, landing, balconies passages & corridors etc. including removal of waste from dust bins placed at various location including cleaning of passage wall , palmet notice board, name plates, doors, windows , grill, celling , spider web etc by using latest cleaning machines / power mop & disposal of waste material upto lead of 2 Km. The cleaning of floors by using material like acid, phynle and for work from ground floor level to floor four level or as directed by Engineer-in-charge.	9000.00			DAY		
33	Painting (one or more coats) with black Japan paint of approved brand and manufacture to give an even shade.	536.30			M2		
34	Removing of existing M.S. railing and Providing & fixing of M.S. structure railing with using 25 x 75 mm tata M.S. Section at stair case with automative paint including welding & fixing on stair case etc.. Complete as per drawing.	107.40			M2		

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			In fig.	In words.	In fig.	In words.	
35	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand), laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. (A) Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	372.70			M2		
36	Repairing of existing aluminium window including cutting in required size & shape, fixing as directed by Engineer in charge.	462.56			M2		
37	Demolishing cement concrete manually/ by mechanical means including disposal of material within 1.00 km lead as per direction of Engineer - in - charge. (A) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	0.55			M3		
38	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc.complete as per design approved by Engineer-in-Charge. (A) (A) Granite work	2312.55			METRE		
39	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	23.00			M2		

Sr. No.	Description	Qty.	Rate		Unit		Amount
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40	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. (A) In cement mortar	1.45			M3		
41	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : (A) Of area 3 sq. metres and below	3.00			EACH		
42	Dismantling floor work and roofs laid in cement mortar including stacking material within 50 metres lead. (A) For thickness of tiles above 25 mm and up to 40mm	62.40			M2		
43	Cement concrete pavement with 1:2:4 (1 cement : 2coarse sand :4 graded stone aggregate 20 mm nominal size), including finishing complete.	62.40			M2		
44	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : (A) Cement mortar 1:6 (1 cement : 6 coarse sand)	5.75			M3		
45	Providing skirting or dedo or vitrified tiles of approved make and size of superior quality i.e. 8 to 10 mm thick of approved make set with cement paste,over a backing of cement plaster 1:4 ,10 mm thick with necessary specials,like border tiles of approved make and shade including pointing the joints with coloured cement and finishing,curing,complete as directed.	9.00			M2		

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			In fig.	In words.	In fig.	In words.	
46	Providing 20mm thick POP punning in right angle on wall including mechanical scrapping as directed by engineer in charge.	877.50			M2		
47	providing & fixing of ceiling panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing. (A) wooden panel 18 mm ply box framing + vineer melamine polish with mat / glossy finish ,including ceiling light points.	16.40			M2		
48	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing (A) 12 mm ply box framing with internal hollow space of 12 mm ply at black+ 6mm soft ply covered with fabric	16.40			M2		
49	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing. 19 mm ply box framing + vinner + melamine polish with mat / glossy finish ,including light points.	2.15			M2		
50	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing. 19 mm ply box framing + WPC sheet with paint on appling material ,including light points.	6.00			M2		

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			In fig.	In words.	In fig.	In words.	
51	providing & fixing of hanging wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing. 19 mm ply box framing + both side MDF + 25mm artificial grass+ duco paint including light points.	4.30			M2		
52	Providing and erecting fully glazed frameless glass door made out of 12 mm thick toughened glass with pencil polish edges all around. Door shall be fixed with double leaf (2.5ft each) at main entrance & the top edge firmly connected with solid partition which further jointed to roof lintel/beam through proper glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches,(ENOX) Floor spring & all necessary hardware such as Bottom lock, SS brushed handle of 2'0" long 1"dia on both sides. Cost of Floor spring & Etching design on glass door paid separately but other accessories mentioned here are inclusive in the rate which also includes the dismantling of existing Door. Detail as per drawing provided will be consultant.	27.80			M2		
53	Providing and erecting fully glazed frameless glass panel made out of 12 mm thick toughened glass work with pencil polish edges all around and glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches TOP SS RAILLING.	11.35			M2		

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			In fig.	In words.	In fig.	In words.	
54	Providing and fixing machine cut, mirror/ eggshell polished , Marble stone work for wall lining (venee rwork) including dado, skirting, risers of steps etc., in required design and pattern wherever required, stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) laid and jointed with white cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge. (A) 18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	26.80			M2		
55	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing (A) 12 mm double ply photo framing + MDF + duco paint + depth 300mm shelf ply + vineer + melamine polish with mat/glossy finish + notise board 2400 x 4800 mm.	4.00			M2		
56	providing and laying brick cluster with flex stone 'brick naturale' having approx 18 -20 mm thickness and coverage of approx 0.17 square feet per piece using adhesives and having 'natural' pattern as approved by consultant including proper installation and achieving a levelled smooth surface and including other coincidentals etc.	8.70			M2		

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57	Creating 1.42 mm dia round shape in a 2.60 x 1.60m masonry opening with help of 300mm thick masonry and RCC curved lintel, finishing it with 15mm rough plaster in CM(1:4) on both sides and curved surface of circular opening. Providing and fixing 300mm x 75mm section 1.42mm dia of teak wood painted out side with black japan and secured with at least 1" x 6" MS lugs holdfast and as per cuts and cornices specified by consultants to hold 6mm dia bright bar grill 12mm thick toughened frosted wight glass as per design and detail complete alongwith melamine polished on wood. pop punning putty and plastic paint inside and apex colorwash out side upto specification of consultant and engineer in charge.	1.00			NOS		
58	Providing and fixing in position S.S. name plate letters as per the approved drawing. The stroke/width of the letter will be 2", emboss will be of 2" & height of the letter will be 12" in English script. SS304 Glossy Matt finish having thickness of 18 gauge/1.2 mm including necessary approved brand material, fixture and finishing, requisite scaffoldings etc. complete job as required and as per the direction of Engineer in charge. (Name plates are to be fixed over building walls at the height of 1.83 as per the guidance of the consultant.)	1.00			NOS		
59	providing and installing brass inlays in flooring with tee shaped brass plates having polished surface comprising hard texture, having width and thickness as specified and approved by the consultant and to be laid in accordance with the drawings prepared by	250.00			MTRS		

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			In fig.	In words.	In fig.	In words.	
60	providing & fixing of ceiling panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing. (A) wooden panel 19 mm ply box framing + all side MDF + duco paint ,including profile light section & points connectinf wall pannels	35.00			M2		
61	Providing and erecting fully glazed frameless glass door made out of 12 mm thick toughened glass with pencil polish edges all around. Door shall be fixed with double leaf (2.5ft each) at main entrance & the top edge firmly connected with solid partition which further jointed to roof lintel/beam through proper glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches,(ENOX) Floor spring & all necessary hardware such as Bottom lock, SS brushed handle of 2'0" long 1"dia on both sides. Cost of Floor spring & Etching design on glass door paid separately but other accessories mentioned here are inclusive in the rate which also includes the dismantling of existing Door. Detail as per drawing provided will be consultant.	9.30			M2		

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62	Providing and fixing in position S.S. name plate letters as per the approved drawing. The stroke/width of the letter will be 2", emboss will be of 2" & height of the letter will be 12" in English script. SS304 Glossy Matt finish having thickness of 18 gauge/1.2 mm including necessary approved brand material, fixture and finishing, requisite scaffoldings etc. complete job as required and as per the direction of Engineer in charge. (Name plates are to be fixed over building walls at the height of 1.83 as per the guidance of the consultant.)	1.00			NOS		
63	providing & fixing of executive 360' revolving chair with high back and ss body base with wheels & pneumatic up & down with one point locking mechanism.	2.00			NOS		
64	providing & fixing of executive 360' revolving chair with low back visitor chair and ss body base with wheels & pneumatic up & down with one point locking mechanism.	15.00			NOS		
65	providing & fixing of louvers roller curtain on the windows with all necessary fixtures and all its accessories as per requirement and of approved colour and make complete with all labour and	10.40			M2		

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			In fig.	In words.	In fig.	In words.	
66	providing & fixing wooden panelling with specification as described below: fixing 2-19mm ply and wall with proper fastening to hold 44 nos. of teak wood admeasuring 10"X1.5"X8" placed vertically apart to form the wave design as per details and drawings prepared by architect, to be finished with scrubbing with sand paper, felling gaps with putty, applying primer & natural malemine polishing upto the satisfaction of engineer-in-charge complete as per drawing details and 3D view.	1.85			M3		
67	Providing & fixing of Wooden Palmet 600 mm x 150 mm using 12mm thick plywood sheet on top & back & 19mm plywood on front with 6mm thick terakwood beading hingedon 150mm wooden support with 6mm hinge including automotive paint as directed all labour & materials complete.	500.00			RMT		
68	Providing & fixing of Notice Board using 6mm thick plywood with soft board glass & hardware including all labour & materials etc..complete as directed.	15.00			RMT		
69	Providing & fixing of Tag Board using backside 6mm thick plywood with covering Fabric including nails, fevicols & labour etc..complete as directed.	15.00			RMT		
70	Filling of cracks with cement mortar 1:1:2 consisting of one part of cement, one part of sand and two parts of six mm fine grit by making V-groove of size 25mm deep and 40mm wide in masonry up to height of six metre complete with scaffolding, curing etc. as directed by engineer in charge.	1000.00			RMT		

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			In fig.	In words.	In fig.	In words.	
71	Removing of air conditioner outer from wall and refixing the same on terrace with all required materials including cable, copper wire, and labour as directed by Engineer in charge.	50.00			NOS		
72	Removing of cement / line plaster & plastering the walls in right angle with checken mesh of 4 kg per 20 sqmt. Per bundle.	4160.20			M2		
PART - B (Electrical Works)							
1	Providing and fixing concealed wiring for modular light /tube /bell point with PVC insulated single core standard copper conductor wire, as per Tech. Spec.	200.00			NOS		
2	Providing & fixing following concealed wiring for single phase sub-circuit from the main switch /meter/DBs /MCBs to the switch board with 2x2.5 Sq.mm. copper conductor to be used as phase & neutral and bare copper wire as earthing as per	250.00			MTR		
3	Providing and fixing concealed wiring for modular FAN point with PVC insulated single core standard copper conductor wire & modular step cut electronic fan regulator as per Tech. Spec. No:-03	18.00			NOS		
4	Providing and fixing 5 pin 5/6 A X 250 Volt modular half plug point as per Tech. Spec. No:-04	35.00			NOS		
5	Providing and fixing concealed wiring for 15/16 A X 250 Volt Modular Power point as per Tech. Spec. No:-	20.00			NOS		
6	Supply of following type of Pelmet light 3feet 20/22 Watt, as per Approved Make list. as per Tech. Spec. No:-06 a) 21 Watt 3	120.00			NOS		
7	Fixing of supplied commercial down lighter Luminaries with all accessories as per Tech. Spec. No:-07 a)	120.00			NOS		

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words.	
8	Supply of Ceiling mounted LED light 40 Watt 2X2ft 4000k, as per Approved Make list.as per Tech. Spec. No:-08	70.00			NOS		
9	Fixing of supplied Ceiling mounted light 40 Watt 2X2ft 4000k as per Tech. Spec. No:-09	70.00			NOS		
10	Supply of Foot Light, as per Approved Make list. as per Tech. Spec. No:-10 a) 3Watt, LED Foot Light	100.00			NOS		
11	Fixing of supplied of Foot Light as per Tech. Spec. No:-11 a) 3Watt LED Foot Light	100.00			NOS		
12	Supply of Recessed downlight for false ceiling with all material and accessories as per Tech. Spec. No:-12 a)19 Watt LED Recessed Down light for false ceiling, as per Approved Make list.	25.00			NOS		
13	Fixing of supplied Recessed downlight for false ceiling with all material and accessories. as per Tech. Spec. No:-13 a)19 Watt LED Recessed Downlight for false ceiling	25.00			NOS		
14	Supply of Recessed Panel Light with all material and accessories as per Tech. Spec. No:-14 a) 45 Watt LED Panel Light 2 X 2 foot, as per Approved Make list.	60.00			NOS		
15	Fixing of Supplied Recessed Panel Light with all material and accessories as per Tech. Spec. No:-15 a) 45 Watt LED Panel Light 2 X 2 foot.	60.00			NOS		
16	Supply at site following type of decorative ceiling fan with all accessories , as per Approved Make list as per Tech. Spec. No:-16 a) 1200 mm sweep ceiling fan with electronics	18.00			NOS		

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words.	
17	Fixing of following type of decorative ceiling fan with all accessories as per Tech. Spec. No:-17 a) 1200mm sweep ceiling fan with electronics regulator.	18.00			NOS		
18	Removing of old wiring/DB at different level on the wall , and shifting as per direction of EIC to conceal in the pelmet/ false ceiling / walls by making jari and using conduit pipes / flexible pipes as per Tech. Spec. No:-18	COMPLETE JOB			COMPLETE JOB		
19	Removal the old load point panel & Supply, installation, Testing & commissioning, double door, two compartment CRCA sheet 2mm thick, having zinc phosphate coating, IP is 52 , Siemens grey paint following type distribution panel. The panel shall be complete in all respect with cable glands, lugs for incoming & outgoing cables and also shall be provided with 2 nos. of earthing terminals. With including necessary Civil works. as per Tech. Spec. No:-19 a). Load Point Panel. 1) 250 Amps, 10 KA, 4P MCCB - 2 Nos. 2) Digital VAF Meter – 1 Nos. 3) Digital Energy Meter – 1 Nos 4) 250/5 Amp. CT Coil Class 1, Tape Wound – 3 Nos. 5) Phase R, Y & B Indication Lamp – 03 Nos. 6) Control Fuse (Suitable Rating) for outgoing:- 3 Nos. 7) 100 Amps. TP MCCB 10 KA, C curve :- 10 Nos. O/G Rating) for outgoing:- 3 Nos.	3.00			NOS		

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words.	
20	Supply & installation of following type distribution board complete with nos TP, DP, SP MCCB's & ELCB , TPN DB, IP42 degree of protection The DB shall be made from special grade of CRCA sheet and powder coated. The DB shall be fitted with Bus bar, DIN Rail and neutral link as per Tech. Spec. No:-20 a) 16 Way Double Door Distribution Box with providing, 01 Nos.MCB 63 amp. TPN, 02 Nos. 32 Amps DP, 10 nos. SP up to 6-10 amps, 12 nos, 01 Nos. ELCB.	8.00			NOS		
	b) 32 Way Double Door Distribution Box with providing, 02 Nos.MCB 63 amps. TPN, 04 Nos. 32 Amps DP, 15 nos. SP up to 6-10 amps 12 nos. 01	8.00			NOS		
21	Supply and Preparation earthing station, chemical treated back filled compound earthing system with Pipe-In-Pipe 30-40 mm Dia GI type 3 Mtr Depth, Maintenance free as per Tech. Spec. No:-21	12.00			NOS		
22	Providing & connecting following type earth wire for earth station to equipments as per requirement as per Tech. Spec. No:-22 a) 8 SWG GI earthing wire	300.00			MTR		
b)	b) 25X3 Hot Dip GI Strips.	200.00			MTR		
23	Supply at site 4 Core, LT armoured aluminium conductor XLPE cable of 1.1KV grade of the following type & size as per Tech. Spec. No:-23 a) 4 Core, 35 Sq.mm	600.00			MTR		
b)	4 Core, 50 Sq.mm	600.00			MTR		
c	4 Core, 150 Sq.mm	2000.00			MTR		

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words.	
24	Laying of cable at site, through various route up to 150 sq.mm, LT armoured aluminium conductor XLPE cable of 1.1KV grade of the following type & size as per Tech. Spec. No:-24 a) Hard/soft soil by providing & putting Brick & Sand, by excavating the 800 Mtr Depth, 600 mm width, after laid cable redone the surface area	1750.00			MTR		
b)	Through RCC/CC/Pavot by Cutting/Breaking by putting suitable diameter HPDE / DWC Pipe, after laid cable redone the surface area.	700.00			MTR		
c)	Cable laid, by providing & erection Box type FRP Tray 150 mm width.	750.00			MTR		
			Total				

CONTRACTOR

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