

SCHEDULE OF QUANTITIES.					
ADDITION & ALTERATION TO EXISTING (G+)1 FLOOR BUILDING FOR SBI ADB BRANCH JAGATSingh PUR					
Sl. No.	Description of works	Unit	Qty	Rate in figures	Total amount
1	<b>SUBHEAD - I DIMOLISHING</b>				
2	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material as per direction of Engineer-in-charge.	CUM	0.825		
3	<b>SUBHEAD - II REPAIRS TO BUILDING</b>				
4	Drilling Upto and including 12mm dia holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge	each	50		
5	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect. Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	sqm	15		
6	<b>SUBHEAD - III EARTH WORK AND EXCAVATION</b>				
7	<b>UNDERGROUND RAIN WATER HARVESTING TANK</b>				
8	Earth work in <b>All kinds of soil</b> excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge	cum	36.72		
9	Earth work <b>if found ordinary rock to be removed</b> in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge	cum	12.24		
10	<b>SUBHEAD- IV PLAIN AND REINFORCED CEMENT CONCRETE WORK.</b>				
11	1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	CUM	2.00		
12	Providing and laying in <b>position ready mixed or site batched design mix cement concrete for reinforced cement concrete work</b> ; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but including the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
13	<b>M25 Design mix</b>				
14	All works upto plinth level				
15	Concrete of M25 grade with minimum cement content of 330 kg /cum	CUM	3.00		
16	All works upto plinth level				
17	Concrete of M25 grade with minimum cement content of 330 kg /cum	CUM	58.00		
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete for all RCC Work <b>Below &amp; Above Plinth Level</b> . Thermo-Mechanically Treated bars of grade Fe-500D or more. <b>Make - Sail, Tata steel, Vizag steel.</b>	Kg	8,183.00		

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19	<b>SUBHEAD - V BRICK MASONRY WORK .</b>				
21	UNDERGROUND RAIN WATER HARVESTING TANK				
22	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	CUM	37.00		
23	Providing brick work with non modular fly ash bricks conforming to IS:12894,class designation 10 average compressive strength in super structure above plinth level upto floor V level in: Cement Mortar 1:6 ( 1 cement : 6 coarse sand )	Cum	40.00		
24	Half brick masonry with non modular fly ash bricks pf class designation 10,conforming to IS:12894,in super structure above plinth and upto floor V level.Cement Mortar 1:4 ( 1 cement : 4 coarse sand )	Sqm	50.00		
25	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	50.00		
26	<b>SUBHEAD - VI : PLASTERING AND SURFACE TREATMENT</b>				
27	Providing of 6mm cement plaster of mix in all surface with <b>cement mortar 1:3</b> (1 cement : 3 fine sand / M-Sand ) at all levels. <b>Make :- Ultra tech Cement, ambuja, Dalmia Cements, ACC Cement..</b>	Sqm	200.00		
28	Providing of 12 mm cement plaster of mix in all surface with <b>cement mortar 1:6</b> (1 cement : 6 fine sand / M-Sand ) at all levels. <b>Make - Ultra tech Cement, ambuja, Dalmia Cements, ACC Cement.</b>	Sqm	300.00		
29	15 mm cement plaster on the rough side of single or half brick wall.1:6(1 cement:6 coarse sand) <b>Make - Ultra tech Cement, ambuja, Dalmia Cements, ACC Cement.</b>	Sqm	428.00		
30	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	Sqm	63.00		
31	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	SQM	550.00		
32	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. <b>Make : - Asian Paints, Biral.</b>	SQM	500.00		
33	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.13.85.3 With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	SQM	500.00		
34	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.Two coats	SQM	500.00		
35	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) Make : - Asian Paints , Berger paints, nerolac paints	SQM	978.00		
36	Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	SQM	78.00		

Sl. No.	Description of works	Unit	Qty	Rate in figures	Total amount
37	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture Make : - Asian Paints , Berger paints, nerolac paints	SQM	78.00		
38	<b>SUBHEAD - VII : FLOORING</b>				
39	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete <b>make - kajaria , rak ceramics, Johnson , NITCO, SOMANY</b>	Sqm	12.00		
40	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.Wall tile Size(300 x 450 mm) <b>make - kajaria , rak ceramics Johnson , Nitco, Somany</b>	Sqm	70.00		
41	Providing and laying Vitrified tiles in floor in <b>size of Tile 600X600 mm</b> (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished . <b>make - kajaria , rak ceramics Johnson , Nitco, Somany</b>	Sqm	190.00		
42	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. <b>Double charge vitrified tile polished finish of any size.</b>	Sqm	20.00		
43	<b>SUBHEAD -VIII : DOOR WINDOW &amp; WOOD WORK</b>				
44	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile C -Fixing with adjustable lugs with split end tail to each jamb	Metre	16.00		
45	Providing and fixing 35 mm thick SI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:The job shall be inclusive of all fittings, fixtures, hardware ,T & P etc all complete.	Sqm	6.30		

Sl. No.	Description of works	Unit	Qty	Rate in figures	Total amount
46	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for series R3 and R4 profiles conforming to EN: 12608 in any space, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (there ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. after fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in Charge. section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. The Price is including toughen glass panels of 5.5 mm thickness .Note:- Structural design proof checked from a Government Engineering Institute, to provided by the manufacturer for (i) Sites with basic wind speed >45 m/sec as per IS 875 - Part 3(ii) Sites with structure height more than 20m for all wind speeds. Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body. Using R2 series with frame (40 mm & above) x (40 mm & above) & sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre) make - Duroplast, Fenesta, kommerling, Aluplast	sqm	29.16		
47	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows ( area of opening for panel inserts excluding portion inside grooves or rebated to be measured). Panelling for panelled and glazed shutters 25mm to 40mm thick: Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	SQM	3.00		
48	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness	Each	2.00		
49	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm <sup>2</sup> , modulus of elasticity 900 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In-Charge. (Ms hold fast/lugs or SS dash fasteners shall be paid of separately) Frames size 45 X 70 MM	Metre	14.85		
50	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm <sup>2</sup> , modulus of elasticity 850 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In-Charge.The job shall be inclusive of all fittings,fixing, fixtures ,T & P etc all complete. (Note: stainless steel butt hinges and necessary S.S screws,hadwares shall not be paid separately) 30MM thick Ply.	Sqm	4.73		

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51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panels of 5.0 mm thickness.	SQM	32.00		
52	<b>SUBHEAD -IX : STEEL WORK</b>				
53	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	Kg	437.40		
54	<b>SUBHEAD - X: SANITARY INSTALLATIONS</b>				
55	Providing and fixing <b>water closet squatting pan</b> (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with <b>integral type foot rests.Euronics/Jaquar or equivalent</b>	Each	1.00		
56	Supplying and fixing approved quality European water closet with FRP cistern set comprising of : ( a ) Star White glazed European water closet with wash down pattern of approved make with P or S trap fixed to floor with necessary teak wood plugs, CP brass screws, etc. ( b ) 10 ltrs. capacity PVC low level flushing cistern made of corrosive resistant materials fixed to wall with necessary brackets and screws, and plugs with matching chromium plated flush bend with float valve and flushing arrangements of slimline or equivalent. ( c ) 15 mm heavy quality flexible PVC inlet connection with brass hexagonal check nuts with washer at both ends. ( d ) Approved make plastic seat and cover to match the colour of water closet and CP hinges fixed to water closet. ( e ) 15 mm CP brass Angular stop cock fixed between GI outlet and PVC inlet.	Each	2.00		
57	Providing and fixing <b>wash basin</b> with C.I. brackets, 15mm C.P. brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require with White vitreous china flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap, 15mm PVC connection pipe with angle valve , bottle trap, waste coupling & 2 CI brackets.Euronics/jaquar or equivalent	Each	3.00		

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58	Providing and fixing beveled edge <b>mirror</b> of superior glass of approved quality complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	3.00		
59	Providing and fixing <b>soap dish</b> of approved quality including fixing with C.P. brass screws etc. complete.	Each	3.00		
60	Providing and fixing <b>C.P. Brass towel rail</b> complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour.600mm x 20mm size	Each	3.00		
61	Providing and fixing <b>C.P. Brass towel ring</b> 200 dia size complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour.	Each	3.00		
62	Providing and fixing C.P. brass <b>toilet paper holder</b> with concealed fitting arrangement of approved quality colour and make.	Each	3.00		
63	Providing and fixing 8 mm dia <b>C.P. / S.S. Jet with flexible tube</b> upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	Each	3.00		
64	Providing and fixing approved type <b>SS Double coat hooks</b> with concealed type screws.	Each	1.00		
65	Providing and fixing 15 mm nominal bore <b>C.P. brass short body two way bib cock</b> 15 mm nominal bore	Each	3.00		
66	Providing and fixing C.P.brass <b>long body bib cock</b> of approved quality conforming to IS standard and Weighing not less than 690 gms. 15 mm nominal bore.	Each	3.00		
67	Providing & fixing in position <b>CP Soap dispenser</b> .	Each	3.00		
68	Providing and fixing CP <b>brass grating</b> with frame of approved design including setting in floor with cement mortar to match with floor finish as per architect requirement. a) Size 100 mm X 100 mm	Each	3.00		
69	Supply, Installation, Testing & Commissioning of C.P. <b>brass angle valve</b> for basin mixer and geyser points of approved quality conforming to IS:8931, 15mm Nominal bore	Each	3.00		

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70	<b>SUB HEAD XI - INTERNAL WATER SUPPLY</b>				
71	Supply, Installation, Testing & Commissioning of Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
72	15 mm nominal outer dia Pipes	Metre	11.34		
73	20 mm nominal outer dia Pipes	Metre	44.80		
74	Providing and Fixing uPVC deep seal Nahani trap (Floor Trap) of deep seal of 50 mm P or S trap including provision for connecting pvc inlet fittings complete including cost of cutting and making good the walls and floors where ever required.				
75	For 110mm inlet and 110mm outlet.	Each	3.00		
76	Supplying, fixing, testing & commissioning of PVC Floor Drain of size 110 x 63 mm Size with frame complete in all respects.	Each	3.00		
77	<b>SUBHEAD - XII : ROOFING &amp; WATER PROOFING</b>				
78	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. a) 110 mm diameter	Metre	30.00		
79	Demolishing cement concrete nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) manually/ by mechanical means including cleaning the surface after dismantaling & disposal of garbage material at suitable place as within the site per direction of Engineer - in - charge.	CUM	26.98		
80	Grading roof for water proofing treatment with Cement Concrete 1:2:4 (1 Cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	CUM	34.17		
81	<b>SRI PAINTS ON ROOF</b>				
82	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer- in-Charge	Sqm	429.68		
83	<b>SUBHEAD - XIII : INTERNAL ELECTRIFICATION</b>				
84	<b>LIGHT POINTS</b> Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
85	Group - C	Point	49		
86	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point ( without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.				
87	Group - C	Point	19		
88	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	4		
89	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	16		
90	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	Each	12		
91	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	16		
92	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				

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93	25 mm	meter	250		
94	32 mm	metre	30		
95	40 mm	metre	25		
96	Supply, installation, testing and commissioning of G.I. floor raceway of mention below sizes 1/3 compartments including all necessary civil works.				
97	100 x 38	metre	25		
98	Supply, installation, testing and commissioning of G.I. junction box for duct entry 1/3 compartments junction box (frame & trap) including all necessary civil works.				
99	150 x 38mm	Each	12		
100	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
101	12 way. Double door	Each	1		
102	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
103	4 way (4 + 12), Double door	Each	1		
104	6 way (4 + 18), Double door	Each	2		
105	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
106	40 A	Each	1		
107	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
108	40 A	Each	1		
109	63 A	Each	2		
110	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
111	Single pole	Each	59		
112	Supply of the following Light Fixture with lamp, Control Gear & All necessary accessories. Luminaries with all electrical accessories & it should be energy efficient, low loss, ortho cyclically wound open construction copper ballast, ignitor & power factor improvement capacitor or Electronics Ballast etc are prewired to the terminal block & mounted on are movable control gear module for ease of maintenance. All electrical connections of the control gear module with the rest of the luminaries should be click fix & require use of no tools. Mounting options should be for both lateral as well as pole top mounting. with Lamp Control Gear & Fixing Accessories.				
113	LED Batten Surface Type Light Fixture (Make: Philips Cat No. BN 021 LED40S- 6500 PSU GR (4 ft)	Each	6		
114	LED Ceiling Light Fixture Surface Type (Make: Philips Cat No. SM251C LED20S- 6500 PSU WH )	Each	8		
115	LED mirror Light Fixture (Make: Philips Cat No. BN 021 LED12S 6500 PSU GR )	Each	3		
116	2'x2' LED Surface Type Light Fixture (Make: Philips Cat No. SM365C LED32-6500 PSU OD WH )	Each	2		
117	LED Bulk Head Light Fixture (Make: Philips Cat No. WT202W LED6S CW PSU S2 PC)	Each	2		
118	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	21		



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119	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374- 2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	Each	12		
120	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	12		
121	Supply of following 900 RPM Exhaust fan non metallic suitable for single phase 230/240V, AC Supply complete with motor louvers , mounting brackets, all accessories etc complete as required.				
122	200mm dia	Each	1		
123	380 mm dia	Each	2		
124	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
125	Upto 450 mm sweep	Each	3		
126	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	2		
127	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer ) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
128	12 way (4 + 36), Double door	Each	1		
129	Supplying and fixing following rating, four pole, 415 V, MCCB in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
130	100 A	Each	1		
131	Supplying and fixing following rating, three pole, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
132	40 A	Each	1		
133	63 A	Each	2		
134	Supplying and fixing following rating, double pole, 240 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
135	63 A	Each	1		
136	<b>SUBHEAD XIV : TELEPHONE / TV / LAN CONDUITING</b>				
137	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. (for Telephones, TV and Data)				
138	25 mm	Metre	150		
139	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
140	1 or 2 Module (75 mmX75 mm)	Each	24		
141	Supply and installation of following size Krone connectors in MS box complete as required.				
142	20 Pair	Each	1		
	<b>Total Cost excluding GST</b>				