

BILL OF QUANTITY FOR ELECTRICAL, CIVIL AND PHE WORK FOR SME BRANCH, ABOVE SBI MAIN BRANCH (REDCROSS 2ND FLOOR) AT MUZAFFARPUR UNDER RBO MUZAFFARPUR

ELECTRICAL WORKS

SUB HEAD - I (WIRING)

Part-A

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
1. 1.3.3 (C)	Wiring for Light / Fan/Wall fan / Exhaust Fan / Call Bell point with 1.5sq.mm FR PVC insulated Copper Conductor single core cable in recessed medium class PVC Conduit in surface / recessed Modular type switch. Modular Plate, suitable size PVC/GI box etc. (Group-C) as required, all complete as per instructions of Elec.Er. / Architect. (Note- Two light 36watts 2'x2' =one point. and Two or three light 12watts downlighter=one point)	Light Point	47		
2. 1.7.2	Wiring for switch board and 5A socket power circuit/submain wiring along with earth wire with 2x2.5 sq. mm +1x1.5 FR PVC insulated copper conductor single core cable in surface / recessed medium PVC conduit. as required, all complete as per instructions of Elec.Er./ Architect.	Mtr.	288		
3. 1.7.2	Wiring for Computer Raw and UPS circuit/submain wiring for 5A power point along with earth wire with 2x2.5 sq. mm +1x2.5 FR PVC insulated copper conductor single core cable in surface / recessed medium PVC conduit. as required, all complete as per instructions of Elec.Er./ Architect.	Mtr.	305		
4. 1.7.3	Wiring for circuit/submain wiring for 15A power plug point and IN-DOOR A.C power point along with earth wire with 2x4 sq. mm +1x4 FR PVC insulated copper conductor single core cable in surface / recessed medium PVC conduit. as required, all complete as per instructions of Elec.Er./ Architect.	Mtr.	298		
5. 1.7.11	Supply & Fixing for sub main from L.T Penal to Light point D.B's- 4 x 6sq. mm PVC insulated copper conductor single core cable in recessed PVC conduit with 1x6 sq mm PVC insulated copper conductor single core cable for loop earthing as required, all complete as per instructions of Elec.Er / Architect. .	Mtr.	20		
6. 1.7.13	Supply & Fixing for sub main from L.T Penal to IN-DOOR A.C power supply D.B's- 4 x 16 sq. mm PVC insulated copper conductor single core cable in recessed PVC conduit with 1x16 sq mm PVC insulated copper conductor single core cable for loop earthing as required, all complete as per instructions of Elec.Er / Architect. .	Mtr.	22		
7. 1.7.4	Supply & Fixing for sub main from L.T Penal to Raw point D.B's- two nos. and UPS Panel to UPS D.B'S.-two nos. 2 x 6sq. mm PVC insulated copper conductor single core cable in recessed PVC conduit with 1x64 sq mm PVC insulated copper conductor single core cable for loop earthing as required, all complete as per instructions of Elec.Er / Architect. .	Mtr.	56		
8. 1.24.1 1.24.4	Supplying and fixing 5 pin, 5/6 amps socket outlet and 5/6 amps Modular type switch connection etc up-on switch board, as required.all complete as per instructions of Elec.Er / Architect.	Set	12		
9. 1.31	Supplying and fixing 1nos Modular type 5Amp 5 pin socket with 5Amps switch, Modular Plate, suitable size PVC/G.I. box as required. all complete as per instructions of Elec.Er. / Architect.	Set	20		
10. 01.32	Supplying and fixing 1nos Modular type 15Amp 6 pin socket with 15Amps switch, Modular Plate, suitable size PVC/G.I. box as required. all complete as per instructions of Elec.Er. / Architect.	Set	4		
11. 7.7.3	Wiring for circuit/ submain wiring alongwith earth wire with the 2X 4 sq. mm + 1 X 4 sq. mm earth wire sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. For A.C wiring	Mtr.	24		
12. 03.17	Supplying and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing etc. as required.	Mtr.	42		

13. 1104	Supplying and fixing 6.0 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable on surface or in recess for loop earthing etc. as required.	Mtr.	56		
14. M.R	S/I/T/Commissioning of 5Kva UPS- PRIMARY & SECONDARY consist of:-40Amps SPN incomer MCB with 60 amps TPN conecter and outgoing 2 Nos 25Amps SPN power socket in MS Enclosure box as required, all complete as per instructions of Bank / Architect.	Set.	1		
15. 02.19	Supplying and fixing 25Amp 240 volts SPN MCB industrial type, power socket with 25Amp SPN MCB and 25 Amps Top in proper size steel box and plate as required. all complete as per instructions of Elec.Er. / Architect.	Set	7		
16. 01.33	Supplying and fixing ceiling rose 2 pin 6amps on exisiting junction box/ wooden block including connection etc. as required.	Each	9		
17. 01.34	Supplying and fixing brass/ angle holderon exisiting junction box/ wooden block including connection etc. as required.	Each	6		
18. 1.24.6	Supplying and fixing Telephone socket outlet modular switch/socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required.	Set	2		
19. 1.27.1	Supplying and fixing Telephone 1 or 2 modular 75mmx75mm size / modular, GI box along with modular base and cover plate for modular telephone socket and bell push switch in recess etc. as required.	Set	2		
20. 1.28.1	Supplying and fixing Telephone 1 module modular base and cover plate on existing modular telephone socket and bell push switch's GI metal boxes in recess etc. as required.	Set	2		
21. 1.16.2	Supplying and drawing two pair 0.5 sq. mm Two pair FR PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface / recessed PVC conduit as required.	Mtr.	48		
22. 1.24.8	Supplying and fixing call-bell push modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc.as required.	Set	1		
23. 1.25.0	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc. as required.	Set	8		
24. 2.9.1	Supplying and fixing 4 way (4 + 12), Double door, horizontal type three pole & neutral, sheet steel, MCB distribution board, 415 volts, 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)	Each	1		
25. 2.8.8	Supplying and fixing 14 way, Double door single pole & neutral, sheet steel, MCB distribution board, 240 volts, 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 withoutMCB/RCCBIsolator)	Each	2		

26. 2.33.1	Supplying and fixing ,4 way, Double door, 1/C 100A, MCCB, surface/recess mounting, Vertical three phase distribution board (VTPN DB's) of CRCA sheet steel, dust protected, duly powder painted suitable for upto 160 amp, four pole MCCB as Incomer and SP/TP MCB's as outgoing inclusive of tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's etc as required. (but without MCCB & MCBs)	Each	1		
27	Supplying & fixing of following rating and series miniature circuit breaker and residual current circuit breaker in the existing MCB DB complete with connection testing and commissioning etc. as required. all complete as per instructions of Elec.Er. / Architect.				
27.A 2.12.1	(i) 06A/10A, SP, M.C.B-'B' (Light)	Each	12		
27.B 2.12.2	(ii) 10A,SP, MCB-'C'(UPS & RAW) -for three computer	Each	16		
27.C 2.12.2	(iii) 25A,SP, MCB-'C'(A.C) -	Each	7		
27.D 2.4.1	(iv) Providing and fixing IOO A, 30 KA, FPMCCB rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in VTPN D.B including drilling holes in cubicle panel, making connections etc. as required'	Each	1		
27.E 2.12.8	(v) 32A/40A TPN MCB-'B'	Each	1		
27.F 2.12.3	(vi) 32A/40A SPN MCB-'B'	Each	2		
28. 2.5.3	Providing and fixing 200amps capacity busbar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections, earthing the body etc. as required.	Set	1		
29. 2.5.4	Providing and fixing 300 amps capacity busbar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections, earthing the body etc. as required.	Set	1		
30	Providing and fixing 200amps, 25KA TPNMCCBrating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreader in existing cubicle panel board including drilling hole in cubical panel and making connection etc as required.	Each	1		
31. 2.12.8	Providing and fixing 32amps, rating and 10 ka.breaking capacity TPN MCCB in made of existing1.6mm thick sheet steel enclosure duly painted with powder coating, wall straps cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	Each	1		
32. 2.12.3	Providing and fixing 32 amps, rating and 10 ka.breaking capacity MCB, SPN in made of existing 1.6mm thick sheet steel enclosure duly painted with powder coating, wall straps cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	Each	2		
33. 2.4.4	Providing and fixing IOO A, 30 KA, FPMCCB rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required'	Each	1		
34. M.R	Providing and fixing 63A capacity four pole panel mounted ACCL OR ATS (Auto Transfer switche) inside the existing cubical panel board including drilling holes in cubicle panel, making connections etc. as required.	Each	1		
35. 02.20	Providing and fixing M.V danger notice plate of 200mmx150mm made of mild steel at least 2mm thick, vitreous enameled white on both side and with inscription in singale red colour on front side in excluding cubical panel as required.	Each	1		
36. 8.10.13	Supply and fixing panel mounted digital multimeter (Voltmeter & ammeter) including CT coil and RYB pilot indicator in the existing cubical panel board including drilling holes in the panel board making connections etc as etc as required.	Each	1		
76. 8.12	Providing and fixing wall mounting iron sheet cubical panel board, fabricated with 16 SWG guage Iron sheet, suitable size for panel mounted disconnect, including, busbar chamer, insulator, nut-bolt and painting etc. as per require. size made 6'-0"x 5'-0"x12"=30sq.feet.	Sq.feet	30		
TOTAL SUB HEAD-I					

SUB HEAD - II (SUPPLY OF CABLE MAIN & SUBMAIN)					
SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1. 2207	Supply of 70 mm sq. sizes and 3.5 core PVC/XLPE insulated, PVC sheathed (heavy duty) armoured electrical power cable with aluminium conductor for working voltage upto 1.1 KV as required. For L.T. Main line.	Mtr.	69		
2. 2205	Supply of 25 mm sq. sizes and 3.5 core PVC/XLPE insulated, PVC sheathed (heavy duty) armoured electrical power cable with aluminium conductor for working voltage upto 1.1 KV as required.	Mtr.	30		
3. 7.1.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required	Mtr.	60		
TOTAL SUB HEAD-II					

SUB HEAD - III (SUPPLY & MAKING OF EARTHPIITS)

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1. 3.21 OR 3.6+3.8+3.9	Providing chemical/mineral maintenance free earthing system comprising of copper coated earth electrode 3 metre length and 17.2 mm outer dia along with 25 kg earth conductivity enhancing back fill mineral compound for earth inspection pit etc. as required. OR Supply, Fixing & Hole cutting in earth as per drawing of (CU) (600mm X 300mm X 3mm) plate electrode earth, all complete as per specifications and drawings attached.(1No. EARTH for UPS Main neutral only.) -The rate shall be inclusive of submission of TEST REPORT (2 Ohm) of each earth pitand -Coution Note -The rate shall be inclusive of submission of TEST REPORT (2 Ohm) of each earth pitand TESTING shall be carried out in front of Officials / Consultant.	Each	4		
TOTAL SUB HEAD-III					

SUB HEAD - IV (SUPPLY OF FIXTURES & FANS)

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1 6.1.4	Supplying and fixing of 9/10 watt LED lamp types lamp in the existing electrical fitting/ fixtures etc. as required	Each	6		
2. 5.5	Supplying and fixing replaceable compact commercial batten suitable for Double TB LED tube complete with 20 watt LED polycarbonate TB tube with built in driver etc. directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. asrequired.	Each	4		
3. 8.17.2	Supplying and fting 375 mm 230 volts sweep Exhaust fan with plastic body and blade, slef closing louvers in this fan, to provide off mode protection against brids etc as per req. approved equivalent.	Each	3		
4. 8.15	Supply and installation of regular/standard model A.C. ceiling fan of 1200 mm sweep with service value (CM/MM) minimum 4.00, Air delivery minimum 270 cum/min including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated copper conductor etc as required. approved equivalent.	Each	2		
5. 1.38	Supplying and fting electronic musical call bell suitable foe single phase 230 volts.commissioing and connection etc. as per require. approved equivalent.	Each	1		
6. 8.19	Supply and installation of 450 mm, 230 V matel bleed A.C. wall / cabin fan including fixing the bracket, making connection, testing, commissioning etc as required.	Each	17		
7. 5.7.3	Supplying and fixing ceiling mounted 12 watt LED vertical downlighter complete with all accessories and replaceable electronic driver, directly on false ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required. approved equivalent.	Each	42		
8. 5.9	Supplying and fixing indoor recess mounting 36 watt LED flat panel luminaire suitable for armstrong / grid ceiling and complete with electronic driver etc. directly on false ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required	Each	24		
9. MR	Supplying and fixing indoor recess mounting 65 watt LED Cove light luminaire with connector / 20 meter suitable for armstrong / cove ceiling and complete with electronic driver etc. directly on false ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required	Each	2		
TOTAL SUB HEAD-IV					

SUB HEAD - V (COMPUTER DATA CABLE WIRING)

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1. M.R.	Supplying/fixing of Cat-6 wire with 20mm. dia PVC/G.I pipe all complete or as per instruction Ele.Er. /Architect	Mtr	526		
2. M.R.	Supply & Fixing of 1 Nos. I.O. box & jack from Net-working switch Hub in each computer set all complete as per instnction of Ele.Er./Arch.	Set	20		
TOTAL SUB HEAD-V					

SUB HEAD -VI (SUPPLY & INSTALLATION WORK OF AIR CONDITIONING)

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
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1.	MR	Complete supply and installation of Non-Ductable split high wall A.C's of 1.5 TR nominal capacity including installation of outdoor unit at specified locations, including 10 feet piping,additional piping @280 per feet if required, insulation, wiring, etc, all complete, and 1 number of 1.5 TR capacity indoor unit, all complete including any and all M.S framework if required for installation, cutting / breaking windows, glass, etc, and making good the same, including all damage to the Interior / finishing works and making it good as new, including all drain pipes from the indoor units to suitable outer locations, at any distance / length, including any cutting / making good of the same, all complete, all complete as per directions of Bank / Architect. Energy Efficiency rating to be 5 Star. (Rs.49185/- + Rs. 2350/-(installation)	Each	2		
2.	MR	Complete supply and installation of Non-Ductable cassette roof mounting A.C's of 2 TR 4way nominal capacity including installation of outdoor unit at specified locations, including 10 feet piping,additional piping @280 per feet if required, insulation, wiring, etc, all complete, and 1 number of 2 TR capacity indoor unit, all complete including any and all M.S framework if required for installation, cutting / breaking windows, glass, etc, and making good the same, including all damage to the Interior / finishing works and making it good as new, including all drain pipes from the indoor units to suitable outer locations, at any distance / length, including any cutting / making good of the same, all complete, all complete as per directions of Bank / Architect. Energy Efficiency rating to be 5 Star. (Rs.75999/- + Rs. 5550/-(installation)	Each	2		
3.	MR	Supply and installation of reputed, approved make of heavy duty voltage stabilisers suitable for upto1.50 TR A.C's, all complete with all safety features, including high-low cut off, TDR facility, voltage range from 130 - 280 volts, etc., with all plugs, sockets, switches, etc.	Each	2		
4.	MR	Supply and installation of reputed, approved make of heavy duty voltage stabilisers suitable for upto 2 TR A.C's, all complete with all safety features, including high-low cut off, TDR facility, voltage range from 130 - 280 volts, etc., with all plugs, sockets, switches, etc.	Each	2		
TOTAL SUB HEAD-VI						

**BILL OF QUANTITY FOR CIVIL AND PHE WORK FOR SME BRANCH, ABOVE SBI MAIN BRANCH
(2ND FLOOR) AT MUZAFFARPUR**

SNo.	DSR/MI	Description	Unit	Qty	Rate	Amount
A	A	CIVIL WORK				
		DISMANTLING WORK				
1	15.2.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.concrete mix - 1:4:8 in toilet or pcc platform				NA
2	15.3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres				
3	15.6	Extra for scrapping, cleaning and straightening reinforcement from RCC or RB work rusted steel in beam				
4	15.7	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50				
	15.7.	In cement mortar				
		Demolition of Plaster in Wall				
5	15.6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster disposal of rubbish to the dumping ground within 50 metres lead.				
		Demolition of Flooring / Skirting &Dado in toilet and hall				
6	15.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	15.23	For thickness of tiles 10 mm to 25 mm				
7	Deriv ed from	Chipping of whole floor area except toilets for preparing the floor surfaces rough, clean and vusable for new floor tiles pasting.				
8	MR	Core cutting for AC work or phe work				
		Core cutting in existing R.C.C wall or slab upto 150 mm dia and up to 300 mm deep size. The rate shall include				
9	MR	Floor Trunking for electrical conduits or wiring cutting 50mm x150mm wide and refilling by cement mortar				
		Dismantling of Doors ,windows,grills				
10	15.1	Desmantiling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts				
	15.12	Of area beyond 3 sq. Metres				
		Dismantling of partition / panelling / False Ceiling				
11	15.6	Dismantling alumiium/Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 m lead as directed by Engineer-in-charge.				
12		rebate for existing partiton and false ceiling grid				
		Scraping of paint on Wall, windows & grills				
13	13.9	Scraping of Polish / Paint / sand papering etc. and preparing the surface smooth including necessary repair scratches etc. to base layer as / directions of E.I.				
		TOTAL AMOUNT OF DISMANTLING WORK	L.S	1		

14	2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :				
	2.35.4	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :				
	2.35.4.1	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	Mts	150.00		
15	14.8	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge	Sqm	25.00		
		Concreting work for Beam ,slab ,chajja and wall				
16		Cement concrete work for Rcc element (beam slab bellow ceiling and chajja , repairing 15-18mm plaster mortar 1:2 one cement and 2 course sand with water proofing solution mixed in mortar make Pidilite roff or Sikka /Dr fixit after cleaning of Reinforcement and surface of concrete by rust removing solution than apply cement punning with water proofing solution and final coat apply 6-12 mm plaster as per required surface	Sqm	37.17		
		Water proofing material make pidilite Roff Hyguard Ex for wall and ceiling				
17	22.3	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C. kitchen and the like consisting of: (i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions.(ii) 1st course of 20 mm cement plaster 1:3 (1 cement:3 coarse sand)mixed with water proofing compound in recommended proportion, (iii) 3rd course of applying blown or/residual bitumen applied hot at 1.7 kg. per sqm of area, (iv) 4th course of 400 micron thick PVC sheet.(Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm). Water proofing compound Make pidilite/Dr. Fixit/Sika/Roff				
18	MR	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers. Make Pidilite/dr fixit & sika water proofing solution for concreting or plaster work	per bag of 50kg cement used in the mix	100.00		
		Concrete work in toilet floor				

19		Providing and laying cement concrete in retaining walls, return walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets sunken floor etc., up to floor five level, excluding the cost of centering shuttering and finishing 1:2:4 mortar ratio	Cum	5.67		
		BRICK FLAT SOLING IN TOILET AREA				
20	11.7	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	Sqm	27.88		
21	6.11	Brick work with bricks of class designation 100A in foundations and plinth in :Cement mortar 1:6 (1 cement: 6 coarse sand)	Cum	1.00		
22	6.13.1	Half brick masonry with bricks of class designation 100A in foundations and plinth in :Cement mortar 1:4 (1 cement: 4 coarse sand)	Sqm	45.00		
		Extra for half Brick masonry in superstructure above plinth level upto floor V level.				
23	6.15	Extra for providing and placing in position 2 Nos, 6 mm dia , MS bars at every third course of half brick masonry (with F. P. S. bricks)	Sqm	45.00		
		Plaster-on new brick work (smooth side)				
24	13.1	12mm cement plaster of mix:	Sqm	145.00		
	13.1.1	1:4 (1 cement: 4 coarse sand)				
		Plaster-on new brick work (rough side)				
25	13.2	15mm cement plaster on the rough side of single or half brick wall of mix:	Sqm	95.00		
	13.2.1	1:4 (1 cement: 4 coarse sand)				
		Plaster on Ceiling				
26	13.2	6 mm cement plaster to ceiling of mix :				
	13.2.4.1	1:3 (1 cement: 3 Coarse sand)	SQM	50.00		
		PCC-Levelling of Floor + in Toilets				
27	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work up to plinth level:				
	4.1.3	1:2:4 (1 cement: 2 coarse sand: 4 graded stone)	Cum	4.82		
		Precast lintel for opening				
28	5.15	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	0.28		
		Granite stone counter and fascia OF pantry slab				

29	8.2	Providing and fixing 18mm thick mirror polished, machine cut for kitchen platforms, vanity counters facias and similar locatins of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement :4 coarse sand) with joints treated with white cement, mixe* with matching pigament-epoxy touch ups. including rubbing, curing etx. complete at all lbevels.				
	8.2.2	Granite stone slab colour black, Cherry/Ruby red				
	8.2.2.	Area of slab upto 0.50 sqm	Sqm	5.39		
A	8.2.2.1	Granite work for outer main Staircase sugar finish garnite with egde moulding (tread, riser & skirting area)	Sqm	51.50		
B		1200x150mm ENDURE SKIRTING TILE FOR STAIRCASE RISER AREA COLOUR AND SHADE AS PER APPROVED BY A/E/I	Sqm	9.50		
30	8.3	Extra for providing edge moulding to 18 mm thick marble stone counters, Vanities etc. over item no. 8.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in -charge				
	8.3.2	Granite work	Metre	60.00		
31	8.5	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location inmarble/ Granite/ stone work, including necessary holes for pillar tapsetc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	1.00		
		FLOORING WORK				
32		Glazed vitrified floor tiles polished finish of size) HALL AREA				
	11.41.A2	Providing and laying Vitrified tiles in floor in different sizes (thickness tobe specified by the manufacturer) with water absorption less than 0.08%and conforming to IS:15622, of approved brand & manufacturer, in allcolours 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 includinggrouting the joints with white cement and matching pigments etc. Thetiles must be cut with the zero chipping diamond cutter only . Laying oftiles will be done with the notch trowel, plier, wedge, clips of requiredthickness, leveling system and rubber mallet for placing the tiles gentlyand easily. (Minimum Rate of Tile Rs.1191.10/-Sq.M), in necessary design / cutting as required. make Somany , johnson,nitco, kajaria or as equivalent				
		Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477,in average 3mm thickness. On existing floor after chipping				
a	1.41.2	Size of Tile 600 x 600 mm	Sqm	188.94		
b	11.41	Vitrified tiles Matt/Antiskid finish of size PANTRY AND	Sqm	0.00		

		CERAMIC TILE IN PANTRY AND PASSAGE AREA SIZE AS PER INSTRUCTION OF E/A/I				
	11.37 A	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pointing the joints with white cement and matching pigment etc., complete.		84.48		
33	11.5	Providing and laying Vitrified 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 brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). (Minimum Rate of Tile Rs.1249.40/-Sq.M) make kajaria, johnson, nitco, somany or as equivalent				
a	11.47.3	Size of Tile 600 x600 mm. FOR HALL	Sqm	6.78		
		CERAMIC TILE ON TOILET FLOOR MATT FINISH				
34	8.31	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.	Sqm	139.41		
35	11.4	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pointing the joints with white cement and matching pigment etc., complete	Sqm	34.85		
36		PVC door frame Choukhats-new doors IN TOILETS				

	26.9	<p>Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceometry windows & other</p> <p>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/mm², modulus of elasticity 900 N/mm² 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. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). frame size 50x100mm</p>	Rmt	25.88		
37	9.53	<p>Providing 40x5mm flat iron hold fast 40cm long including fixing to frame with 10mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6 mix (1 cement:3 coarse sand:6 graded stone aggregate 20mm nominal size)</p>	Each	20.00		0.00
38		PVC Flush Doors				
	26.9	<p>35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (\pm 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner.</p> <p>Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge.</p>				
39	9.21.1	30mm thick including ISI marked Stainless Steel butt hinges				

40	MR	repairing existing Door and window with cutting or resize and fixed after lamination work as per design and drawing with all hardware fittings inclusive as per direction of A/E/I	Each	6		
		Painting and finishing work				
		White cement based putty on wall				
41	13.80.	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.	Sqm	232.34		
		Paint on Walls / Ceiling (Acrylic Emulsion)				
42	13.8	Wall painting with acrylic emulsion paint, 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.				
	13.82.1	Two or more coats on new work.	sqm	232.34		
		On wood and steel				
43	14	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :after scraping of existing paint by sand paper				
	13.99.	One or more coats on old work	Sqm	46.47		
44	13.85.	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed pink or grey primer on wood work(hard and soft wood) having VOC content less than 50 grams/ litre	Sqm	46.47		
A		TOTAL CIVIL WORK				
B		PLUMBING AND SANITATION WORK				
S.N.	Ref.	Description	Unit	QTY	Rate	Amount
A		WATER SUPPLY				
1	SOR 18.7	Providing and fixing Chlorinated polyvinyl Chloride(CPVC) pipes,having thermal stability for hot & cold water supply,including all CPVC plain & brass threaded fittings,including fixing the pipe with clamp at 1.00 m spacing.This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in charge.				
(A)	SOR 18.7.2	20 mm dia. Nominal outer dia pipes	Metre	6.00		
(B)	SOR 18.7.3	25 mm dia. Nominal outer dia pipes	Metre	6.00		
(C)	SOR 18.7.4	32 mm dia. Nominal outer dia pipes	Metre	4.00		

2	SOR 18.8	Providing and fixing 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.				
(A)	SOR 18.8.2	20 mm dia. Nominal outer dia pipes	Metre	38.00		
(B)	SOR 18.8.3	25 mm dia. Nominal outer dia pipes	Metre	9.00		
(C)	SOR 18.8.4	32 mm dia. Nominal outer dia pipes	Metre	3.00		
3	SOR 18.17	Providing and fixing brass gate valve with C.I. wheel of approved quality.				
(A)	SOR 18.17	20 mm Nominal bore	Each.	3.00		
(B)	SOR 18.17	25 mm Nominal bore	Each.	3.00		
(C)	SOR 18.17	32 mm Nominal bore	Each.	2.00		
4	SOR 18.46	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete				
(A)	SOR 18.46.	20 mm dia. Nominal bore	each	3.00		
(B)	SOR 18.46.	25 mm dia. Nominal bore	each	3.00		
(C)	SOR 18.46.	32mm dia. Nominal bore	each	2.00		
5	SOR 18.58	Providing and fixing P.T.M.T. grating of approved quality & colour				
	SOR 18.58.	circular type				
	SOR 18.58.	100 mm nominal dia,	Each	12.00		
B SANITARY INSTALLATION						
1	SOR 17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) Kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40mm including painting of fitting and brackets, cutting and making good the walls wherever required.				
	SOR 17.10.	Kitchen sink with drain board.				
	SOR 17.10.	510X1040mm bowl depth 250mm	Each	2.00		
2	SOR 17.28	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete				
	SOR 17.28.	Flexible pipe				
	SOR 17.28.	40 mm dia	Each	2.00		
3	SOR 17.31	Providing and fixing 600X450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with CP brass screws & washers complete.	Each	5.00		

4	SOR 17.33	Providing and fixing 600X120X5 mm glass shelf with edges rounded off supported on anodised aluminium angle frame with CP brass brackets and guard rail complete fixed with 40 mm long screws ,rawl plug etc, complete.	Each	5.00		
5	SOR 17.71	Providing and fixing PTMT liquid soap container 109 mm wide,125mm high and 112mm distance from wall of standard shape with bracket of same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	5.00		
6	SOR 17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
	SOR 17.73. 2	600 mm long towel rail with total length of 645mm width78mm and effective height of 88mm,weighing not less than 190 gms.	Each	5.00		
C DISMANTLING						
1	SOR 14.82	Dismantling WC pan of all sizes including disposal of dismantled material i/c malba all complete as per direction of engineer -in charge	Each	5.00		
2	SOR 15.44	Dismantling GI pipe (external work) including excavation and refilling trenches after taking out the pipes manually /by mechanical means including stacking of pipes within 50 meters lead as per direction of engineer -in charge				
	SOR 15.44.	15 mm to 40 mm nominal bore	metre	45.00		
3	SOR 15.52	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50metres lead	each	5.00		
4	analys is	Dismantling sanitary fixture including disposal of dismantled material i/c malba all complete as per direction of engineer -in charge				
		(a) wash basin	Each	4.00		
		(b) urinal	Each	3.00		
NON SCHEDULED ITEMS(MARKET RATE)						
P.V.C. PIPE						
D	ANAL YSIS	Providing and fixing soil,waste and vent pipes				
(a)	ANAL YSIS	110 mm dia	metre	145.00		
P.V.C. FITTINGS						
(b)	(i)	DOOR TEE				
	ANAL YSIS	110 mm dia	each	5.00		
	(ii)	DOOR BEND				
	ANAL YSIS	110 mm dia	each	6.00		
	(iii)	BEND 45				
	ANAL YSIS	110 mm dia	each	16.00		
	(iv)	VENT COWEL				
	ANAL YSIS	110 mm dia	each	8.00		
	(v)	PIPE CLIP				
	ANAL YSIS	110 mm dia	each	88.00		

	ANALYSIS	110X110 mm dia	each	14.00		
	(vii)	DOUBLE DOOR TEE				
	ANALYSIS	110X110 X110 mm dia	each	4.00		
(c)	SANATARY FIXTURES					
	Providing and fixing sanitary fixtures all complete					
	<u>BASIN AREA</u>					
	(i)	Table top basin, size - 520X360X125 mm,(Cat. No. FLS-WHT-5931,JAGUAR,P-215) Waste Coupling 32 mmsize full thread(Cat. No. ALD 7051130-705,JAGUAR,P-130)	each	5.00		
	(ii)	Single lever basin mixer without pop up waste system with 450 mm long Braided Hoses(Cat. No. FLR-5001B,JAGUAR,P-81)	each	5.00		
	(iii)	Angular stop cock with wall flange(Cat. No. FLR-5053N,JAGUAR,P-86)	each	10.00		
	(iv)	Bottle trap 32mm size with 300 & 190 mm long wall connection pipes & wall flange(Cat. No. ALD-769L300X190,JAGUAR,P-130)	each	5.00		
	<u>W.C. AREA</u>					
	(i)	Rimless Wall Hung W.C. with inbuilt jet, PP soft close seat cover Hinges,Accessories set,size 355X555X370 mm(Cat. No. FLS-WHT-5953 JPPSM,JAGUAR,P-215) SINGLE PIECE SLIM CONCEALED CISTERN WITH INSTALLATION KIT AND S-TYPE DRAIN PIPE CONNECTION SET FOR WALL HUNG WC(WITHOUT FLUSH CONTROL PLATE)(JAGAR ,Cat.no. JCS- WHT-2400S)P-368 CONTROL PLATE OPAL(JAGUAR ,Cat.no. JCP-CHR-152415)P-370, Angular stop cock with wall flange(Cat. No. FLR-5053N,JAGUAR,P-86)	each	5.00		
	(ii)	Hand shower(health Faucet) with 8mm dia 1.2 metre longflexiable tube & wal hook(Cat. No. ALD-573,JAGUAR,P-129)	each	5.00		
	(iii)	2way bib cock with wall flange(Cat. No. FLR-5041N,JAGUAR,P-86)	each	5.00		
	<u>URINAL</u>					
	(i)	Urinal with fixing accessories size 355X340X538(Cat. No. URS-WHT-13261,JAGUAR,P-230), Angular stop cock with wall flange(Cat. No. FLR-5053N,JAGUAR,P-86)	each	3.00		
	<u>KITCHEN</u>					
	(i)	Sink Mixer with regular swinging spout with connected legs & wall flange(Cat. No. FLR-5309N,JAGUAR,P-85)	each	1.00		
	(ii)	Bib cock with wall flange(Cat. No. FLR-5047N,JAGUAR,P-86)	each	2.00		
B	TOTAL PLUMBING AND SANITATION WORK					

C		INTERIOR & FURNISHING WORK				
SNo.	DSR/M	Description	Unit	Qty	Rate	Amount
1		Full ht fully panelled partition	Sqm	47		
		Providing & Fixing of Full Height partitions upto ceiling height consisting of G.I. frame and required 9mm thick Fire Retardant plywood confirming to IS 5509 , including providing and fixing of frame work made of special section powder pressed/roll from G.I. sheet with zinc coating of 120 gms/ sqm (both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, suitable anchore fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of 9mm thick Fire Retardant plywood to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The 9mm thick Fire Retardant plywood are to be fixed to the frame work with joints staggered to avoid through				
		horizontal joints of two 9 mm thick FireRetardant plywood ,				
1.1		Removing and fitting of existing partiton after complition all finishes as per above item removing and reFixed in store area with proper hardware srew on the top and floor	Sqm	36.80		0.00
2		Full ht partly glazed partition				
2.1		CM CABIN AND HNI LOUNGE PARTITION	Sqm	23.77		
2.1		CONFERENCE PARTITION	Sqm	0.00		
		Providing & Fixing of Full Height (Partly glazed & partly paneled) partitions upto ceiling height consisting of G.I. frame and required 9 mm thick Fire Retardant plywood confirming to IS 5509 ,including providing and fixing of frame work made of special section powder pressed/roll from G.I.sheet with zinc coating of 120 gms/ sqm (both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts,suitable anchore fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre,and fixing of 9mm thick Fire Retardant plywood to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The 9mm thick Fire Retardant plywood are to be fixed to the frame work with				

	with both sides with both sides 1mm thick high pressured laminates of approved make & shade etc. complete with recommended adhesive , 6mm thick plain float glass fixed above 200 mm height upto 2100 mm height excluding frosting film (Design as approved by Architect /Bank Engineers) fixed with Teak wood beading of 32 mm x 12 mm size finished with laquer polishing. Glass panel shall be 900x1900 mm ht aproximately with required suitable beads etc. for fixing of glazing , as per manufacture's specification and direction of engineer in charge all complete. (No extra payment shall be made above false ceiling)				
3	Low ht partly glazed partition FOR OFFICER AREA				
	Providing and fixing 1200 mm ht. double skin partly glazed wooden partition with following specifications.	Sqm	19.7		
	same as above specification refer item no1.0				
	The 9mm thick Fire Retardant plywood are to be fixed to the frame work with joints staggered to avoid through cracks , M.S. fixing channel of 99mm width (0.9mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two 9 mm thick Fire Retardant plywood , fixed to the studs using metal to metal flat head screws, including jointing and finished up to 900mm and above10mm clear glass panel upto 1200 with edge moulding on the edge and provided frosting film as per design approved by bank Engineer/Architect (frosting film paid extra)				
4	Low ht full panelled partiton OR PLANTER BOX 3'0"HT	Sqm	6.5		
	Providing and fixing 900 mm ht. double skin fully panelled wooden partition with following specifications.refer above item no-01				
	The 9mm thick Fire Retardant plywood are to be fixed to the frame work with joints staggered to avoid through cracks , M.S. fixing channel of 99mm width (0.9mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two 9 mm thick Fire Retardant plywood , fixed to the studs using metal to metal flat head screws, including jointing and finished up to 1200mm as per design approved by bank Engineer/Architect				
	..with both sides 1 mm thick high pressured laminates of approved make & shade etc. complete with recommended adhesive , angle beads at corners (25 mm x 25 mm x 0.5 mm) , as per manufacture's specification and direction of engineer in charge/Architect all complete. (No extra payment shall be made above false ceiling)				
5	Wooden stud partition near reception	Sqm	6.51		
	Providing and fixing wooden partition up to 900 made by G.I frame section fixed 9mm FR ply finished with both sides and top 1 mm thick high pressured laminates of approved make & shade etc.and 50x50 mm 9mm ply boxes as per design finished wooden texture laminate and				
4	Wall and Ceiling				

	Providing and fixing panelling on wall. Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 25 mm @ 600mm c/c Both ways horizontally and vertically on the wall. This framing would be covered by 9mm thk. fire retardent Ply finished in approved 1.0 mm. Thk. Laminate high pressure laminate / Veneer finished in melamine polish. Wooden moulding, lipping etc. as directed by Bank / architect shall be provided wherever required.				
	All electrical wires, accessories, telephone wires, etc, shall be run in the panelling as per Electrical Drawings and designs. Nothing extra shall be paid for the co-ordination of the same.				
	All items necessary for completing the above mentioned work are deemed to be included in the scope of work, whether or not they are specifically mentioned in the B.O.Q / tender documents / drawings.				
	All complete as per drawings, designs, specifications and directions of Engineer-in-Charge.				
	Column / Wall Panelling (upto false ceiling ht, with a				
6.1	Wall panelling	Sq.M.	95.07		
6.2	Column panelling	Sq.M.	23.00		
	DOOR				
7	Fully glazed door				
	Providing and fixing Fully Glazed door, single/double leaf made of 10 mm thick float glass with frosting film and edge polishing with 40 mm thick teak wood (second class) 150mm top rail, 200mm bottom rail. The door shall be fitted with heavy duty floor spring and pivot of approved make Dorma / Auto ingress, 2 nos 450mm long 25 mm dia stainless steel pipe handles. (Floor spring, SS handle & other hardware fittings will be paid in respective item)				
7.1	Fully glazed door for CM Cabins & Conference hall 3'6"X8'0"	Sqm	7.81		
7.2	HYDROLIC FLOOR Spring SS handle & other hardware for single panel door Make Dorma/Doorset/Auto ingress	Nos	3.00		
8	FRAMELESS GLASS DOOR WITH PATCH FITTING MAIN ENTRY				
	Providing and fixing frameless fully glazed 12mm thk toughened float glass fixed with necessary patch fittings (Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to accommodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealant wherever required and SS cover over patch fittings. Rate shall include necessary etching film / LOGO, approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items. (ABOVE MENTIONED MAKES Top Pivot, Top Patch Fittings, Bottom Patch fittings, Floor Spring, Corner lock with strike plate and Euro Profile Cilinder, C Shape Handle 25mm dia X 300mm length)	Sqm	3.25		
	FIXED GLASS ABOVE OPENING DOOR	Sqm	0.46		
9	CASH COUNTER DOORS (3'-0" X7'-0" -IN LAMINATE FINISH)	Nos	1.00		

	Providing and fixing solid doors of sizes as shown in the drawing. The door shutter shall of 35 mm thick flush shutter of approved make and finished with 1mm thick approved laminate on both sides. The edges finished with steam beach lipping. A door frame of 50MMx100MM WPC frame section shall be provided finished in 1.0MM high pressure laminate as per approved make and shade . Rate shall include approved make (Godrej Eppco) NIGHT LATCH LOCK, door closure, door stopper, a pair of handles 250mm SS Brushed finished, 150mm hinges 2 Nos., buffers, tower bolts, etc with necessary hardware items.				
9	AUTOMATIC Sensor DOOR				
	(Sensor door) fully glazed 12mm toughned glass sensor door 2'6"x8' x2nos panel with branded fitting and patch fitting with automatic lock system	Nos.	0		
	Providing and fixing 12mm thick frameless toughened glass (saint gobain/AIS/Modi) door AUTOMATIC DORMA/AUTOINGRESS OR EQUIVALENT shutter of approved brand DORMA automatic sliding door with model ES 200Easy ,4.15 mts. ,single/DOUBLE shutter and manufacture, for fixing required door fittings, all complete as per direction of Engineer-in-charge (Model No. ES 200 Easy) fitting and fixing all are inclusive .				
	1. ES-200 Easy DORMA 4.15MIS /LS220BLP TRACK AUTOINGRESS 4.2 mtr Full System, Set 1 Double Sliding. Type-B Size: 758X2440X2NOS Inclusive of: •12MM toughned Glass Clamping Rail , Floor Guide for Glass Door - 2 Nos • Radar ECW 8 - 1 Nos. - Silver • Radar ECW 8 - 1 Nos. - Silver • Light Barrier SBK 111 - 1 Pair • Five Position Program Switch with knob • Cable for Program Switch . 06. •Soft nose seal, 12mm, 2500mm - 2 Nos. 07. •12mm toughened glass 08. •Installation of automatic operator Set 1 09. •Fabrication & installation of Fixed glass Sft.				
	Installation of Automatic operator MAKE DORMA /AUTO INGRESS				
10	FROSTING FILM on clear glass	Sqm	10.00		
	Providing and fixing Non-reflective matte, frosted, scratch resistant, high performance resin coated polyster film with required frosting pattern on the glass surface complete as per the directions of EIC/ Architect (Payment shall be made for the finished area of the film actually provided. No deduction shall be made for openings upto 0.1 Sq.m. area each and nothing shall be paid extra for making such openings.)				
	3M - CRYSTAL GLASS FINISHES 7725 SE325				
11	LAMINATION WORK ON EXISTING OR NEW DOOR				
	Neatly Laminating existing flush doors with 6mm ply and finished with 1.0mm high pressure laminet , all complete, with patterns, designs, etc. as specified, as per directions of Department (Note:- Elevation area of each side of lamination shall be measured for payment) BOTH SIDE				

		lamination with PVC Laminet as per above in toilet doors	Sqm	6.50		
		Lamination with High Pressure Laminet as per above normal doors	Sqm	6.50		
12		Low ht 750mm ht and full ht 2100mmht cabinet				
		BACK OF WORKSTATION AREA & BACK OF CASH COUNTER	Sqm	20.91		
		Providing and Fixing Low Height Cabinet finished with 1.0mm thick laminate, all complete with drawers, cabinets, etc., as per drawings and details, vertical and horizontal dividing members to be of 19mm thick FR plywood cabinets, cabinet shutters and drawers to be of 19mm thick ply, with glass shutters if required, all exposed surfaces to be covered with 1.0mm thick HP laminate , and inner side 0.8mm white base laminate , all drawers to run on drawer slides (Make-Ebco / Efficient Gadgets / Hettich), all auto closing hinges to be of Ebco / Efficient Gadgets / Hettich/Doorset all handles to be of Efficient Gadgets /HAFFLE/ Ebco / Hettich of approved quality and colour, all complete as per instructions of E/l.				
13		CABINET BELOW GRANITE COUNTERS IN PANTRY AREA 750MM HT	Sqm	4.41		
		Providing and fixing 19mm thk. Fire resistance ply shutters with GI frame 50x25mm , all side with double 19mm ply is 5509 for support and 19mm on the top for granite ,skirting gap as shown in the drawing shall be maintained. Division of shutters shall be made equally according to the length of the counter.				
		Shutters shall be hinged to the framework and finished with 1.0mm thk. PVC Laminate of approved shade from outside, applied with approved oil paint from the inside and edges of shutters with steam beach lipping. Rate shall be inclusive of all necessary approved fittings like hinges, ball catch, handle, and any necessary hardware items.				
14		OVERHEAD STORAGE ABOVE UTILITY COUNTER & IN PANTRY				
		Providing and fixing over-head storages which consist of 19mm thk. FR ply IS 5509 shutter with box type hinges of approved make & Steam beach lipping with approved laminate on all the edges. The shutter should be made of of 19 thk. Ply top, sides, rear and bottom. All the external surfaces shall be finished with 1.0mm thk. Laminate of approved colour or make. GREENLAM/GREENPLY/CENTURY/AUSTIN/MARINO				
		Division of the shutters shall be made equally according to the length of the storage. The edges of the shutters shall be provided with steam beach lipping. One Ply shelf of 19mm thick FR ply removable type supported on side steam beach wood battens on both sides (divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters.. Rate shall be inclusive of all necessary approved fittings like box type hinges, locks,	Sqm	2.5		

15	COUNTER FOR CASHIERS length 7'0" wide x10'6"depth as per site design	Nos	1		
	Providing in position cashier counter as per drawing with solid partition on front sides 2250 mm high . Partition made with G.I frame with C Channel Stud with Top ,bot& ends Channel being 50 mm thick and intermediate channels 48 mm thk with intermediate spacing of 600 mm center to center horizon-tally as well as vertically . frame to be covered with 9mm FRC Plywood of approved make and finished with 1.0 mm laminate of approved make & shade . front side of the counter have solid partition upto1250 mm high and solid 8mm toughned glass above it till total height of 2250 mm with a cut out made for cash exchange 100mm				
	A customer counter top 200 mm wide at height of 1250 mm made out of 12mm thk made out of Fire Retardent (IS : 5509) is grade plywood or approved make finished with 1.0mm thick laminates of approved make & shade on outside. Cashier counter inside to be made of 19mm thick IS 303 MR grade plywood of approved make for top ,side,apron etc. The Table to be finished with 1.0mm laminate of approved make & shade on outer surface and with approved shade of 0.8mm laminate on inner surfaces . Edges to be finished with Edge banding PVC tape. Table to be provided with keyboard tray. CPU trolley , Wire manager, counter to be covered with aluminium jali on top . deposit Drawer 3nos drawer 12mm ply side and 9mm bot , finished with laminate all side with lock and chanel, counter to be completed with necessary hard-ware,glue etc. of approved make complete as per drawing and as directed by Bank or its Architect, excluding Door in partition it shall be paid extra to be paid extra. refer drg				
16	GYPNUM FALSE CEILING				
	Providing and fixing false ceiling at all height including providing andfixing of frame work made of special sections, power pressed fromM.S. sheets and galvanized with zinc coating of 120 gms/sqm (bothside inclusive) as per IS : 277 and consisting of angle cleats of size25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at1200 mm centre to centre, one flange fixed to the ceiling with dashfastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flangeof cleat fixed to the angle hangers of 25x10x0.50 mm of requiredlength with nuts & bolts of required size and other end of anglehanger fixed with intermediate G.I. channels 45x15x0.9 mm runningat the spacing of 1200 mm centre to centre, to which the ceilingsection 0.5 mm thick bottom wedge of 80 mm with tapered flangesof 26 mm each having lips of 10.5 mm, at 450 mm centre to centre,shall be fixed in a direction perpendicular to G.I. intermediate channelwith connecting clips made out of 2.64 mm dia x 230 mm long G.I.wire at every junction, including fixing perimeter channels 0.5 mmthick 27 mm high having flanges of 20 mm and 30 mm long, theperimeter of ceiling fixed to wall/partition with				

	wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be fixed in a direction perpendicular to G. I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G. I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long .				
	including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :				
A	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	Sq.M	153.35		
B	Perforated gypsum ceiling in conference hall	Sq.M	0.00		
17	Wooden false ceiling				
	Suspended wooden false ceiling in Conference room and CM Cabin and Reception area or as per design				
	providing and fixing 19mm Fire resistance ply finished by laminate/charcoal plank as per design or selection by Bank Engineers/ architect hanging false ceiling channel as per gypsum board same as above item				
A	High glossy laminate in pattern in CM CABIN	Sq.M	13		
B	CONFERENCE AREA	Sq.M	0		
C	Charcoal plank /louvers Make - Europrateek RECEPTION AREA	Sq.M	4		
18	False Ceiling-Mettalic IN TOILET FRONT SME SIDE ONLY	Sqm	22.77		

	<p>Providing and fixing saint gobain// Arm strong(knauf)-CMC Clip in Metal Ceiling System of 600x600mm module which includes providing and fixing C wall angle(10) along the perimeter of the room with help of nylon sleeves and wooden screws at 300mm centers. Then suspending the main C carrier (8) from the soffit with help of soffit cleat, rawl plugs(5) and C carrier suspension clip and (6) and main carrier bracket(7) at 1000mm c/c. Spring T(2) is then fixed to the main C carrier and in direction perpendicular to it at 600mm centers with help of suspension bracket(3).Wherever the main C carrier and spring T have to joined C carrier(9) and spring T connectors (4)have to be used. Then Saint Gobain- CMC Clip in polyester powder coated Bevel edged metal tiles (Perforated/Non Perforated)(1) ofSize 600x600x0.5mm are clip fixed into the spring T .</p>				
	<p>GRID Sierra OP Ceiling With WITH SILHOUETTE 38 IN SME HALL</p>	Sqm	49.07		
19	<p>Providing and Fixing Providing & Fixing of Knauf Ceiling solution Mineral Fibre Acoustical Suspended Ceiling System with 15mm thick Sierra OP Tegular 15/90 Edge Tiles with Knauf Ceiling solution Silhouette 15mm face exposed grid.The tiles shall have smooth laminated visual with Humidity Resistance (RH) of 95%, NRC 0.90 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 standard, CAC of 25db as per ASTM E1414, Light Reflectance $\geq 86\%$ as per ASTM E-1477, Thermal Conductivity $\lambda = 0.040$ W/mK, Colour Global White, Fire Performance of class A2-s1, d0 according to EN 13501-1 with 15mm Tegular 15/90° edge and 8mm drop in module size of 600 x 600mm. The scrim on the face of the tile shall be cleanable and classified as ISO 14644-1 cleanroom class 5. It shall be suitable for Green Building application, with Recycled content of 43% and VOC Emissions (French) class of A+. The tile shall have Environmental Product Declaration as per ISO 14025 and EN 15804+A2. The tile shall have certifications from GRIHA and GreenPro thereby confirming that it is an environment friendly product.</p>				
	<p>The tile shall be laid on Knauf Ceiling solution Silhouette 38 with 15 mm wide T - section flanges colour global white (matching to tile color) having roll formed double stroke rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 32mm (all sections). Manufacturers Test Certificate mentioning site address duly signed Manufacturer to ensure specification of tiles is required.</p>				

	To comprise main runner spaced at 1200mm securely fixed to the structural soffit using Knauf Ceiling solution suspension system (specifications above) at 1200mm maximum. The First/Last suspension system at the end of each main runner shall not be greater than 450mm from the adjacent wall along with the first and the last main beam shall be at less than 600mm from the wall. Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200 mm cross tees.				
	Accessories supplied consisting of M6 Anchor Fasteners with hanger hole, pre-straightened hanger wire of dia – 2.5 mm of 1.80 m to 4 Mtr length (Optionally, adjustable hook clips made of 0.7mm thick Grade 1 C55 galvanized spring steel of dimension 100 x 20mm and 4 mm aquiline wire to be used for level adjustment during installation purpose in main runners).				
	Approved Make: Armstrong, Knauf Ceiling Solutions, Saint Gobain, Nittobo.				
20	CONFERENCE ROOM TABLE - (2'3" wide x 16 long x 2'6"ht ') U SHAPE	NOS.	0		
	Providing and making a table of over all size of top as mentioned above. It shall consist of 19mm thk. Fire resistance PLY top as per design (double edge on outer edge with 37mm x 10mm thk moulding teak wood with polishing on the edges) supported on pedestral as per drawing (as approved by bank / architect). All external surfaces to be finished in 1mm high glossy laminate of approved shade .4nos pop box / wire manager both side center of the table as per design and drawing.				
	All electrical and data /voice point to be accessed from table top				
	Table shall have wire manager system accessible from top the table on the horizontal surface through cable cubble .cable dump to be provided depth of cable dump is 250 mm socket switches				
	Cable from floor to top should be concealed with table leg.inder structure of table shall have good wire management capabilities with separate routing for power and data /voice cables				
21	Dining table 2'6"x9'0"	NOS.	2		
	Providing and making a table of over all size of top as mentioned above. It shall consist of 19mm thk. Fire resistance PLY top as per design (double edge on outer edge with 37mm x 10mm thk moulding teak wood with polishing on the edges) supported on pedestral as per drawing (as approved by bank / architect). All external surfaces to be finished in 1mm high glossy laminate of approved shade .4nos pop box / wire manager center of the table as per design and drawing.				
22	OFFICER'S TABLE				

		Providing and fixing the Officer's table made out 19mm BWP ply board with 1.0mm laminate as per drawing detail enclosed ,storage unit with 3 drawer, and keyboard and pencil drawer on channels, cable manager , and laminated apron to match decor. Drawer unit and verticals made out of 19mm BWP ply board with keyboard drawers ,PC stands for PC below worktop and 12mm ply board for footrest . All Drawers to be provided with Godrej lock & SS handle of approved make . The exposed side of front facade ,drawer front shall be finished with 1.0mm laminate as per drawing . the inside surface also finished with white colour 0.8mm laminate make as per approved A/E/I				
a		OFFICER'S TABLE (5'6"X2'6"X2'6") LXWXH WITH 3'x1'6"x2'5"CREDENZA	Nos	5		
b		CSO SUB STAFF TABLE (5'0"X2'6"X2'6") LXWXH WITH 3'x1'6"x2'5"CREDENZA	Nos	5		
c		CM TABLE (7'0"X3'6"X2'6") LXWXH WITH 3'6"x1'6"x2'5"CREDENZA	Nos	1		
23		CORIAN WORK (TABLE TOP)	Sqm	5		
		Providing and fixing 12mm corian sheet on the top of CM table with credenza and top of back low ht cabinate with all polishing work including 50 mm front facia , colour shade as per selection of Bank and Architect.Make marino				
24		STEEL T/U BEAT (Reception table & wall panelling as per design requirement)				
		Providing & Fixing SS Finished Aliminium strip in partitions / panelling, made of HETTICH / Enox E approved equivalent profile, elevation width of min 20mm or more, finish SS, all complete, with neat installation in perfect line & level, cutting, insertion, making good, matching, etc., in panelling / partition / etc. as required.	Rmt	20.00		
		Plastic Emulsion paint on gypboard false ceiling				
25		Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work	Sqm	0.00		
26		White cement based putty on false ceiling 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.	Sqm	0.00		
27		ROLLER BLINDS /ZEBRA BLINDS				
a		Supply and installation of Share Dimout blinds (Zebra Blinds)for window of polyester based febric of Vista make all complete and inclusive the all taxes as per the direction of Architect/E/I	Sqm	8.83		
b		Supply and installation of Roman blinds for window of polyester based febric of Vista make all complete and inclusive the all taxes as per the direction of Architect/E/I	Sqm	20.91		
	C	TOTAL INTERIOR &FURNISHING WORK				
		GRAND TOTAL A+B+C				

		Note:-				
1)		Extra members, wherever required for stability / otherwise, to be provided with the required finish without any extra charges.				
2)		Any damages caused to the walls, ceilings, floors, etc. shall be made good by the Contractor by refinishing the same in exactly the same manner, so as to leave the surfaces in a good-as-new condition. A final coat of paint on all painted surfaces shall be deemed to be included in the occupation, so as to leave the premises in a suitable condition for occupancy.				
3)		Contractor shall made and get approved shop drawings of all items prior to fabrication / manufacturing of the same.				
4)		In case of partitions / panelling / etc., if any corbellings, cornices, etc. are called for, these shall be done as shown in the drawings, designs, etc., or as per the requirement of the Employer / Architect, and these shall be paid for at the square foot rate quoted by the contractor. Nothing extra over and above the square foot rate shall be payable to the contractor				
5)		The contractor shall extend full co-operation to the other contractors viz. Electrical, Airconditioning, and any others who may be working in the said premises.				
		ALL PLY MAKE -Green ply /Century/Autin/Green panel				
		Laminate/Mika - Greenlam/Marino/Century/Europrateek				
		Floor tile -glazed vitrified tile -Somany/Johnson/kajaria/Nitco				
		Wall tile -Same as above				
		Hard ware and fitting as mantioned in specification refer				
		SUMMARY OF TOTAL WORK				
	SNO	WORK DESCRIPTION			AMOUNT	
	A	CIVIL WORK AMOUNT				
	B	PHE WORK AMOUNT				
	C	INTERIOR WORK AMOUNT				
	D	ELECTRICAL WORK WITH AC				
		TOTAL AMOUNT				
		EXTRA GST AS PER APPLICABLE				