

(Financial Bid)
(Volume-II)

TENDER DOCUMENTS

TENDER FOR CIVIL WORK OF PUNJAB AND SIND BANK FGM OFFICE AT SECTOR - 17 , CHANDIGARH (S.F.).					
S.No.	Item	Quantity	Units	Rate	Amount
	CIVIL WORKS				
1	DISMANTLING				
	Note:-				
	The rate for all demolishing and dismantling to include carting and disposing of the debris outside the site at Municipal Dumping grounds.				
	Necessary propping, shoring and underpinning shall be provided for the safety of the adjoining work or property, which is to be left in tact, before dismantling and demolishing is taken up and the work shall be carried out in such a way that no damage is caused to the adjoining work or property.				
i)	DISMANTLING WORK:- Dismantling of brick wall of all thickness in cement mortar, including glazed tiles, cement plaster, door lintels , ducts and disposal of unserviceable material as directed. Dismantling of existing door/ window frames and shutters, fixed glazing and stacking of serviceable material and disposal of unserviceable material to nearest municipal dumping ground. Dismantling of existing false ceiling including removing base support frame in GI/ Wood etc. and disposal of unserviceable material to the closest dumping ground . Dismantling of existing partitions with doors in wood/ gypsum including removing base support frame in GI/ Wood etc. complete with glass and disposal of unserviceable material to the closest dumping ground. Dismantling and Removal of existing electrical installations, wiring, switches, sockets, conduits, light fixtures, stabilizers etc. complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground. Dismantling and Removal of existing AC units (indoor & outdoor) including the removal of the copper piping, drain pipe , interconnecting cables etc. complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground. Dismantling of filled up area/ raised floors/ concrete filling, PCC, Foam concrete etc. from the existing floor, toilets, paltry etc. complete in all respects and preparation of the surface to take new flooring The cost to include the disposal of debris to the nearest municipal grounds.Dismantling and Removal of existing Tables , low & full Ht. Storages , Side racks , pin up boards , Wall paneling complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground.	1.00	job		
ii)	MAKING CUT OUT IN MASONRY WALL :- Making openings in walls for windows, AC ducting etc. without damaging the surroundings and making good the affected areas with smooth plaster in mix proportion 1:4 finished in paint , inclusive of lintel support in Cuddapah stone of thickness 25mm to be provided where ever required. Cost to be inclusive of filling the excess opening with brick bats and finishing the same in smooth plaster in cement mortar 1:4, proper curing, giving supports to walls etc., complete.				

iii)	CORE CUTTING :- Providing and making openings of following Sizes in RCC slab of thickness 200mm, with core cutting machine inclusive of filling of core cut with fire retardant sealant of approved make as per the manufacturer's specification, cleaning, waterproofing the sides of the cut area and providing waterproofing guarantee etc complete. Note: The contractor should determine the location of beams/post tensioned tendons before carrying out the operation, getting prior approval from the builder/structural consultant and cutting all reinforcement by gas cutting machine or as directed etc., complete. As mention by the Architect.	6	EACH		
2	MASONRY AND PLASTER				
2.1	CEMENT CONCRETE SCREEDING :- Providing and laying IPS (Indian Patent Stone) for flooring to a maximum 75mm TO 85MM thick using cement concrete 1:2:4 (1cement : 2 Coarse sand : 4 graded stone aggregate 20mm and down gauge) for flooring bands and other similar locations, tamped, spaded, trowelled and top finished neat, smooth with floating coat of cement as directed laid in alternate panels of area not more than 2 sqm and laid to water levels or proper slopes as directed with necessary shuttering, hacking the existing surface, curing etc, complete at all heights and levels as per site condition.(Toilets and Pantry)	150	SQFT		
2.2	Providing and fixing M.S. Grills made with 16 mm sq. bars @ 4"c/c bothways(Horizontally and vertically) fixed in existing walls . complete in all respects.				
3	PAVING AND WET WORKS				
3.1	TILE DADO :- Providing and laying mirror polished 300x600mm vitrified tile dado at Pantry laid over adequate thickness of cement mortar 1:4 (1cement : 4 coarse sand) using chemical grouting aquamix/ laticrete grout. Tile adhesive unitile make. The rate shall be inclusive of necessary preparation, cleaning etc., complete.				
a	GM toilet	530	SQFT		
b	DGM 1 toilet	320	SQFT		
c	DGM 2 toilet	185	SQFT		
d	Common toilet	1650	SQFT		
3.2	VITRIFIED TILE FLOORING INCLUDING SKIRTING :- Providing and laying flooring with Vitrified tiles of size 600mm x 600mm x 10mm of approved make and sample in pattern as per detailed drawings on up to 25mm thick bed of cement mortar 1:6, including surface preparation, neat cement float, giving necessary slopes, cleaning joints and grouting them in neat white cement paste with pigmented additives to match shade of the tile etc complete. With Spacers of 4mm filled with Laticrete Epoxy Grout. Note:- The job includes dismantling of existing flooring (Tile/ Terrazo/ Vinyl/ Screeding)/ Wall Tiles including removing base in cement mortar of any depth etc. and disposal of unserviceable material to the closest dumping ground.	1000	SQFT		

3.3	ANTI SKID TILES (VITRIFIED TILE) :- Providing and laying flooring with Vitrified tiles of size 300mm x 300mm x 10mm of approved make and sample in pattern as per detailed drawings on up to 25mm thick bed of cement mortar 1:6 including surface preparation, neat cement float, giving necessary slopes, cleaning joints and grouting them in neat white cement paste with pigmented additives to match shade of the tile etc complete. With Spacers of 4mm filled with Laticrete Epoxy Grout.				
a	GM toilet	110	SQFT		
b	DGM 1 toilet	115	SQFT		
c	DGM 2 toilet	95	SQFT		
d	Common toilet	510	SQFT		
3.4	TOILET WATERPROOFING :- Supplying & applying waterproofing treatment with 'Polymer Modified Cementitious Coating (Brush Bond of Fosroc/BASF/SIKA make or equivalent) including base preparation, coating with compatible primer applicable on floor & wall, where and as specified by the Architect and testing the same for performance as required. The treatment to be continued 300mm into the wall.				
a	GM toilet	135	SQFT		
b	DGM 1 toilet	135	SQFT		
c	DGM 2 toilet	120	SQFT		
d	Common toilet	575	SQFT		
3.4	KITCHEN/ PANTRY/ HAND WASH COUNTER :- Providing and fixing pantry with Granite stone top and 200 high back splash of base cabinet made of laminated shutter on 20mm BWP board with maple wood frame. All internal surfaces to have balancing laminate. The rate inclusive of necessary hardware, handle lock sets, self closing hinges, spring loaded shutter, latch inside, all cabinet hardware complete as per Architects approval. (BR of stone to be taken as Rs 2000/Sqmt). Width of work top counter 600mm/ detailed drawings. The cost to include fixing of the counter using MS angles with proper anchoring in the wall to take washbasin/ sink	20	RFT		
4	PLUMBING WORKS				
4.1	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes 1.5" / 3/4" / 1" dia nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.. (NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .)	450	RFT		

4.2	Providing, fixing, testing and commissioning of UPVC pipe (upto 6" /4"/ 3" /2" diameter as per site) SWR type 'B' conforms to IS : 13592-1992 with all fittings such as bends, tees, elbow, 'Y', offset, cleaning pipe door, clamps and steel structural supports etc. including cutting the floors, walls and making good the same in cement concrete 1:2:4 & cement mortar 1:4. The wall thickness of pipe and technical characteristic conforms to IS : 13592-1992 type 'B'. The fitting dimension conforming to IS : 14735-1999. The jointing to be completed with rubber ring joint/solvent weld joint.(NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .)	345	RFT		
4.3	WC :- Providing & Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syphonic type consisting of: I) Viterous Chinaware Syphonic suite with 10 liters capacity matching Chineware cistern and all internal brass fittings complete with 'P' or 'S' trap with or without vent, as approved. II) One piece seat & lid in hollow white plastic, fitted with chromium plated hinges and rubber buffers (to the approval of Architect/Engineer-In-Charge) Color :WHITE Make:- (HINDWARE- OLIVA Cat No: 92042 WITH CISTERN). III) Complete in all respects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls & floors IV) Providing & fixing of stainless steel JET set to be provided along European seat, fixed complete in all respects to the satisfaction of Architect/Engineer -In-Charge. Make:(VIKING/JAL)	7.00	Nos		
4.4	WASHBASIN: Providing and installing Washbasin CERA 1038 or equivalent. Complete with bottle trap & tall boy pillar cock from Jaquar. The cost to be inclusive of all MS angles , G.I. reducer (Snw/ Unique) for floor drain, complete 75 x 50mm size, Including C.P Bottle Trap " Jaquar make" Code : ALD 769 , 15mm C.P. Brass screw down pillar tap with couplings (Pressmatic Jaquar Cat No: PRS-031) , 32mm C.P. Brass waste of standard pattern. , C.I. Brackfast for building into wall including painting etc. required for the fixing.	7.00	Nos		
4.5	Set of Health Faucet , Angle Valves etc from Jaquar for each toilet.	7.00	sets		
4.6	Providing & Fixing in position white viterous China flat back lipped front URINAL, Consisting of:- a) Flat back large urinal basin of viterous chinaware. COLOR- WHITE. HINDWARE: 60002 (59CM X 39CM X 37.5CM) OR CERA: 5001 440mmx315mmx265mm with Jaquar Urinal Valve Auto Closing System with Built-in Control Cock with Wall Flange SKU: PRS-CHR-077 b) 10 Liters capacity mosquito proof white P.V.C automatic flushing cistern, complete with screwed 15mm pipe. c) C.P. Brass Spreaders with brass unions & G.I. Clamps, complete including cutting & making good the walls & floors and painting of fitting etc.(as required by Architect/Engineer-In-Charge).	8.00	Nos		
4.7	Providing & Installation of Pressmatic Urinal Valve Auto Closing System similar to Jaquar PRS-077 for urinal complete with all accessories.	8.00	Nos		

4.8	Plumbing accessories for kitchen and toilets I) Providing & fixing C.P brass bib cock of approved make conforming to isi 8931 (15mm nominal bore)Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar- continental series) II) Providing & fixing C.P brass long body bib cock of approved make conforming to isi 8931 (15mm nominal bore)Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar- continental series) III) Providing & fixing C.P. brass stop cock of approved make conforming to isi:8931(15 mm nominal bore.) Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar-continental series)	7.00	Nos.		
4.9	Kitchen Sink for Pantry (Neelkanth Double Bowl or equivalent) complete with Bib cock wall mounted. The cost to be inclusive of all MS angles etc. required for the fixing.	1.00	Nos		
4.10	STAIRCASE GRANITE :-Providing and fixing 18 mm thick mirror polished, machine cut, Granite Stone slab for Staircase, door thresholds, sills or Similar location of required size of approved shade, colour and pattern laid over 20mm thick base in cement mortar 1:3 (1 cement : 3 coarse sand) with joints treated with matching pigment, epoxy touch-ups including rubbing, polishing where as required, curing etc. The Nosing of the treads to be finished using Flat Edge/ Eased Edge Nosing. Complete in all respect at all floors as per direction of Engineer-In-Charge.	0	SQM		
4.11	Water Cooler Connection including all accessories and fitting material as required. Complete job as per architect satisfaction.	2.00	Nos.		
4.12	Mirror SIZE:- Providing and fixing in position best indian make bevelled edge 5.5mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4.no Chromium plated brass screws & washers over rubber washers & rawl plug embedded in the wall or Chromium plated brass clamps with c.p. brass screws (as required by the Architect/Engineer-In-Charge) complete including cutting & making good walls etc. Size(600x910mm)				
a	3'-0" x3'-0"	3.00	Nos.		
b	6'-0"x3'-0"	2.00	Nos.		
4.13	Providing and fixing in position approved make C.P. Brass liquid soap dispenser fixed into wall with C.P. brass screws complete in all respects including cutting and making good the wall etc. Make:(Ess Ess - Croma Series / Essel - Econ Series /Jaquar- continental series)	5.00	Nos.		
4.14	Providing and fixing CP Brass towel ring complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and color. Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar- continental series)	5.00	Nos.		
5	PAINT				
5.1	TEXTURE PAINT including applying average 12mm to 15mm thick POP Punning over cement plaster in line & plumb finished smooth to receive paint. (Internal surfaces of walls).as per approved. Suggested Brand Asian Paints.	1000	SQFT		
5.2	Plastic Emulsion paint				

	Providing and applying Plastic Emulsion paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	1200	SQFT		
5.3	Apex paint				
	Providing and applying Apex paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	24000	SQFT		
5.4	Enamel paint				
	Providing and applying enamel paint three coats to give an even shade after preparation of surface for painting by scrapping on shutter, doors, windows and grill etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	2500	SQFT		
6	Cleaning and rubbing of existing marble on FGM office first floor (pantry ,toilets, passage etc full floor area)including labour and material complete job as per archiect / bank engineer satisfaction.	1.00	Nos.		
7	Repairing and refixing of existing windows complete job including 5 to 8 mm glass , handles , tower bolt ,locks , hinges etc. complete job as per architect satisfaction.	1.00	Nos.		
	Total Value of Works				

TENDER FOR INTERIOR FURNISHING WORK OF PUNJAB AND SIND BANK FGM OFFICE AT SECTOR - 17 , CHANDIGARH (F.F.).					
A	INTERIOR WORK				
S. No.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
1	Providing and fixing GYPSUM BOARD FALSE CEILING in levels as per the detailed drawing - made up of G.I frames as specified by Gypsum India limited and 12mm thick Gypsum board with suitable suspenders fixed to the ceiling. Ceiling section, perimeter channel, suspenders etc. shall be standard sections supplied by Gypsum India LTD. Spacing of intermediate channels shall be at 1200 mm c/c, and ceiling section at 457 mm c/c the work includes taping and jointing, applying primer, two or more coats of plastic emulsion paint of approved shade ICI/ ASHIAN PAINTS make, making cut-out for light fixtures, etc. The Final court shall be done with FOAM ROLLER, and no brush marks should be visible. Providing of perimeter channels/ beading etc. as per drawing complete in all respects.	6750.00	SQ.FT		
2	<u>ARMSTRONG 600 X 600 MM PPGI METAL MICROLOOK LAY-IN STANDARD PERFORATED TILES WITH ARMSTRONG SILHOUETTE 38 WITH 15 MM EXPOSED GRID SYSTEM</u>	4032.00	SQ.FT		

<p>Providing & Fixing horizontal level suspended ceiling comprising of Armstrong PPGI Microlook Lay-in Standard Perforated metal ceiling consisting of 600x600mm (Nominal Size) tiles made of 120 gsm pre-painted galvanized iron (PPGI), Grade – GPL as per IS 277 (2018) with coating durability of Class C1 as per IS 14246 suitable for architectural finishes of 0.5mm thickness as per in IS:513 (2008) in Global white color with Square Tegular/Microlook 90° edge having 8mm drop and 5.5mm flange. Tile shall have perforation having hole diameter 2.5mm and open area 16% with linear and diagonal pitch of 5.5mm and 7.7mm respectively and a border of 10mm. The difference between the 2 diagonal dimensions of the tile to be less than 1mm. Tiles shall be flattened by precision leveller to minimize sag to less than 1/400mm. The tile shall be pre-painted using RoHS compliant polyester paint on face of thickness ranging from 15 -30 microns and epoxy paint on back of thickness 4-10 micron. The paint coating shall pass Salt Spray Test for 350 hours (Face) and 200 hours (Back) as per ASTM B117, QUV –A Test for 500 hours as per ASTM G-154 – (Cycle – 1) and Humidity test for 500 hours as per DIN 50017. The paint shall have an adhesion of GT0 as per EN ISO 2409. The shade variation across batches shall be delta E<0.8 using Excite/BYK Gardner instrument and gloss level of 12±5% at 60° as per ASTM D523. The tile shall have a Light Reflectance of ≥ 63% in accordance to ASTM 1477-98. Back side of the tile shall have Soundtex fleece hot pressed mechanically for uniform bonding to achieve NRC up to 0.7 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C-423 and Fire Performance of class 0/1 as per BS 476 Part 6 & 7 in module size of 600x600mm.</p>				
<p>SUSPENSION: The tile shall be laid on Armstrong Silhouette 38 profile grid system with 15mm white flanges incorporating a 6mm central reveal in white/black colour with mitred ends & “bird’s mouth” notches to provide mitred cruciform junctions colour global white (matching to tile color). Grid shall have double stroke rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 38mm (all sections). The deflection loading of the system shall be 7.9 kg/m² (as per standard installation layout mentioned below) and main beam tested as per ASTM C635 (Deflection limit less than L/360) with a deflection loading of 9.5 kg/m. The end details of the cross tee shall be made of pre hardened steel clip fixed to the ends of the cross tee to provide double locking between “cross tee to cross tee” and “cross tee to main beam”. All main beam to main beam and cross tee to cross tee connection shall have a pull out strength of more than 100kg. The T Sections shall be made of 90 gsm as per IS 277 (2003) pre-painted steel with baked polyester paint of 0T bending capability. The Tile & Grid system used together shall carry a 10 year warranty against manufacturing defect and manufacturer shall provide a warranty certificate. The Tile & Grid shall have the manufacturers name embossed/printed on it. The supply shall be backed by a Manufacturing Test Certificate.</p>				

	<p>INSTALLATION: To comprise main runner spaced at 1200mm securely fixed to the structural soffit using Armstrong suspension system (specifications below) at 1200mm maximum. The First/Last Armstrong 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.</p> <p>Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, secured to walls using screws at 450mm centre to centre maximum. Installation shall be carried out as per Armstrong recommended procedure.</p>				
	<p>ARMSTRONG SUSPENSION SYSTEM accessories manufactured and supplied by Armstrong consisting of M6 Anchor Fasteners with hanger hole, pre Straightened Hanger wire of dia – 2.5 mm of 1.80 m length having a tensile strength of 344-413 MPa and a minimum loading strength of 110 kgs. Additionally, 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.</p>				
3	<p>P/F Wooden battens ceiling and pelmet with 4mm thk.teak ply including polishing using member of 50mm x 150mm rectangular wooden section @ max. 150 mm c/c both horizontally and vertically as per drawing . The frame shall be fixed rigidly at floor level and ceiling level wherever possible. The rate should also include necessary strengthening with additional members including labour and material as per requirements.complete job as per architect specification.</p>	0.00	SQ.FT		
4	<p>Providing and fixing Table (10mm thk. Glass on table top) Providing and fixing Table 2'-6" high working top (As per drawing) made up of 19mm commercial board , finished with 1 mm thick laminate e, shade as approved as per the detailed drawing . The tables shall have approved shade and color. All exposed surfaces (such as counter front, sides, drawers and cupboard etc) must be finished with 1mm thick laminate of approved make. Tabletop shall be finished with 1mm thick laminate. The inner exposed surfaces to be .08mm thk laminate of approved shade. Counters tops will be provided with 10mm thick beveled glass including edging grinding. Each unit of table shall be provided with keyboard tray with telescopic channels(EBCO)with rubber -wood gola of size 1 ½" x 3/4 " polish, painting inside only, side golas etc., . Tabletop shall be finished with 1.0mm laminate of approved shade & quality. The work includes fixing of wire managers, locks, footrests, spirit polishing the steam beach beading, lipping, exposed frame, drawers, cabinet under drawer (with all necessary hardwares), key board tray etc. as per drawings, and The inner exposed surfaces to be painted over one coat of primer and enamel paint of approved shade. complete in all respects to the complete satisfaction of the Architect /Engineer.</p>				
a)	OFFICER TABLE (5'-0"X2'-6"X2'-6")	32.00	EACH		
b)	CM TABLE (6'-0"X3'-0"X2'-6")	5.00	EACH		

5	<p>GM Table and DGM table with side rack :- Providing and fixing at site Officer's table made of 18mm thk. commercial ply board with 4mm thick teak ply with polish of desired shade, design and gloss on outer visible surfaces; single color on horizontal surface & two color on vertical surfaces. . The front of the table top (10mm thk. Glass on table top) shall be projected and curved as per drawing. Provision for 3" dia. Round/3" square stainless steel of grade 304 cable manager for computer / electrical cables at appropriate place, will be made in the top surface of the table. Esteem Biege wood lipping will be provided on all the edges of the table, including bottom touching the floor and the drawers. The counter shall have a wooden keyboard rest of size 600mm x 270mm made with 18mm ply fixed with sliding telescopic channels of approved make. The work shall also include provision of foot rest made with wooden member of section 3" x 5" along the leg space. There shall be provision of one storage cabinet 1'3" wide. The frame shall be made with 18mm thk. commercial ply board . The cabinet shall have one lockable drawer running on side mounting drawer slides (channels) of EBCO make & one cupboard with shutter beneath the drawer, made of 18mm thick commercial block board with 4 mm thick teak ply with polish of desired shade, design and gloss on front face, handle / knob and magnetic catcher shall be provided on one side of the table as per layout. The sides of the drawer shall be made of 12mm thick plywood, bottom of 6mm thick plywood & front of 18mm thick block board. All other surfaces i.e. inside / leg space of table, inside of drawer / cupboard shall be provided with 0.8mm thick laminate of desired shade/design and gloss, and wood lipping / beading shall be PU polished with matching pigment/duco painted in desired colour. The table shall have a CPU ledge made of 18mm thick block board on one side, complete as per drawing. Side credenza made of 19mm thick commercial ply frame and 6mm thick plywood on back side & 4 mm thick teak ply on top horizontal surface & one vertical visible side only, with teak wood lipping on all edges including bottom touching floor. The credenza will have drawer compartment 16" wide outer to outer, containing three drawers vertically running on side mounting drawer slides(channels) of approved make. The sides of the drawer shall be made of 12mm thick plywood, bottom of 6mm thick plywood & front of 19mm thick comm board. The remaining part of the credenza will have cupboard withshutters and one shelf. All the internal surfaces shall be finished with 0.8mm thick mica of desired shade, design, gloss and the exposed wood shall be duco painted/malamine polished in desired shade.</p>				
c)	GM TABLE (9'-0"X3'-3"X2'-6") +(4'-0"X1'-6"X2'-6")	1.00	EACH		
d)	DGM TABLE (7'-0"X3'-0"X2'-6") +(3'-6"X1'-6"X2'-6")	2.00	EACH		

5	<p>Work Station Tables with 1½" thick table Tops (10mm thk. Glass on table top):- Providing and fixing single level System room counter, as per site conditions, 2'0" wide and 2'6" high, counter shall be made 19 mm thick commercial ply with 1.0 mm thick laminate on vertical as well as horizontal surfaces with provision of cable management for computer cables and electrical switch board at appropriate place, with teakwood lipping ¾" x ¼" on all edges including bottom touching floor. The counter shall have a keyboard tray of size 600 X 270 with both side laminated board with back support, of EBCO make fixed on channels, as per manufacturer's instructions / specifications. A full depth CPU shelf & drawer cabinet shall be provided, as detailed above, made of 19mm thick commercial ply laminated with 1mm thick laminate on top and ¾" x ¼" teakwood lipping on two visible sides. All other surfaces i.e. inside / leg space of table, inside of drawer / cupboard shall be provided with 0.8mm thick laminate of desired shade/design and gloss, and wood lipping / beading shall be PU polished with matching pigment/duco painted in desired colour.</p>	102.00	RFT		
6	<p>Providing and making conference table as per drawing of size 3'-0" with working top . Made up of 19mm Marine ply and finished with 1mm thick laminate of approved make. PU polishing on teak wood lipping/margin etc complete as per design & drawing.</p>	65.00	RFT		
7	<p>Providing and making meeting room Table as per drawing of size 3'-0" with working top . Made up of 19mm Marine ply and finished with 1mm thick laminate of approved make. PU polishing on teak wood lipping/margin etc complete as per design & drawing.</p>	1.00	no.		
8	<p>Reception table :- Providing and fixing reception table of size 1800 x760 x1050 counter made out of 19mm thick commercial board with working platform to be made out of teak ply (Front and Top) .The reception table will consist of vertical support in front and sides of 19mm thick commercial board finished with 4mm thick teak ply of approved colour, pattern,texture and shade. All internal surfaces to be enamel painted. Counter should have the mobile pedestal unit of size 450mm wide and 750mm height. The pedestal unit should have 1 no. of drawer & remaining space should be made storage with shutter. The drawer shall be made out of 19mm thick commercial board for the sides & base shall be of 6mm thick commercial plywood with wooden lipping all around. The drawer is to be mounted on telescopic drawer channel on G.I. guides. All edges of working platform to be provided with moulding of size 30mm x 40mm finished in melamine polish of approved shade. On front face a ducorative panel to be placed made out of 19mm thick board finished in 4mm thick veneer of approved shade. including melamine polish in three coats of sealer and two coats of melamine. The polish shall be complete with staged sanding, filling etc. complete to give a perfectly smooth finish to the satisfaction of the architect. Item to be completed in all respects as per drawings and 12mm thick mdf jali facia combination to be placed over ducorative panel all complete as per drawing and instructions of Engineer in charge.</p>	1.00	no.		

9	LOW HEIGHT STORAGE CABINETS/BACK STORAGE :- Providing and fixing storage cabinets of size 2'6" (High) x 16"/24" (Deep) along the walls/partitions, as per interior drawings, using 19mm board for carcass, shutters, vertical and horizontal partitions, 6mm ply for the back and 1mm High Gloss laminate of approved shade on vertical and horizontal visible surfaces. The shutters shall be overlapped on the carcass and shall be provided with Hettich/Haffele Hydraulic hinges. The width of the shutter shall be between 12" to 15" as per the site conditions. All the exposed edges of the board shall be provided with wooden lipping/ PVC Tepping 19mm x 3mm, duly PU polished/PU polish in desired shade. The inner surface shall be provided with 0.8mm thick laminate of desired shade, design and gloss. The cabinet shall be complete with handles, knobs, locks and magnet catchers etc. to the satisfaction of the Architect/Engineer.				
A	2'-6" HIGH STORAGE(Pantry and workstation storage)	650.00	SFT		
10	OVER HEAD STORAGE CABINET FOR PANTRY :- Providing and Fixing of Pantry over head storage cabinet depth 400mm, height 600mm with shutters made in 19 mm thick commercial plyboard and 6mm thick com ply for back side to be fixed on the wall, with 19mm thick commercial board shelves inside placed horizontally and vertically with Hydraulic hinges. All the internal surfaces shall be finished with 0.8mm thick mica of desired shade, design, gloss and the exposed wood shall be pu polished in desired shade and outer faces of overlapped shutters and sides (excluding outer top and bottom faces which are to be enamel painted) to be finished with 1 mm thick laminate of approved color and shade. The item includes providing 150mm brass handles on front for shutters,magnetic catchers, including necessary hardware etc. all complete as per drawing and as per instruction of Engineer in charge .	50.00	SFT		
11	LOW HT. STORAGE CABINET FOR GENERAL STORAGE- Providing and Fixing of pantry storage cabinet depth 600mm with shutters made in 19 mm thick com. plyboard and 6mm thick com ply for back side to be fixed on the wall, with 19mm thick com. plyboard shelves inside placed horizontally with self closing bright finished CP hinges.All the internal surfaces shall be finished with 0.8mm thick mica of desired shade, design, gloss and the exposed wood shall be pu polished in desired shade and overlapped shutters finished with 1 mm thick laminate of approved color and shade .The item includes providing 150mm SS finished handles on front for shutters,including necessary hardware etc. all complete as per drawing and to the instruction of Engineer in charge .	65.00	SFT		
12	FULL HEIGHT OPEN STORAGE UNIT (OR RECORD/STATIONARY ROOM):- Providing storage unit of 7'-0" ht. of ¾" thick commercial board with 1.0mm thick horizontal laminate expose sides and 1.0mm thick vertical laminate. the shelves shall be provided @15"c/c or equal in height with enamel painting in recessed surfaces. The storage unit will have all necessary hardware, laminate band and 1 ½ " X ½ " teakwood/ partial wood beading/moulding. Recessed skirting (¾") finished with 1.0mm thick laminate is present. All work to be done complete in all respects.		SQ.FT		

13	LOW HEIGHT PARTITION UPTO 4'-6" HIGH:- Providing & fixing in position partly glazed low height partition 4'-6" High in frame work with t.w. vertical members at 2'c/c/ and 3 horizontals members at equal distance comprising of 2"x1 1/2" t.w. section with 6mm plywood on both side finished with 1mm thick laminate of approves make and shade. Item to include 12 mm thick glass (clear/frosted) to be fixed as shown in the drawing. The exposed edges of the glass to be finished in mirror polish. T.w. runner should be melamine polished in matching colour of laminate etc complete in all respects.	1140.00	SQ.FT		
14	Partly Glazed Full Height Partition upto 9'-0" high :- Providing & fixing in position partly glazed full height partition work as shown in the drawing Including door as shown in drawing. In frame work at 2'x2' grid [horizontally &vertically] comprising of 2"x 1 1/2" t.w. section and/or as per frame work shown in the drawings with 6mm plywood on both sides finished with 1mm thick laminate of approved shade and color as shown in the drawing item to include 8mm thick glass with etching and frosting as per design and 2"x2" t.w. member for door sides and glass sides and t.w. door frame to take 5mm thick glass with etching and frosting. All exposed t.w. surfaces to be finished in melamine polish of matching laminate color as directed including all necessary stainless steel finish fittings/hardware door closers, Godrej locks and wood preservative paint etc as per list of approved material and as approved by the Project Consultant /Bank complete in all respects.(mgr cabin and front facade) [Note- In case of false ceiling , the vertical t.w. member to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only.]	2490.00	SQ.FT		
15	Partly Glazed Full Height Partition upto 9'-0" high(One side laminate and one side teak ply) :- Providing & fixing in position partly glazed full height partition work as shown in the drawing Including door as shown in drawing. In frame work at 2'x2' grid [horizontally &vertically] comprising of 2"x 1 1/2" t.w. section and/or as per frame work shown in the drawings with 6mm plywood on both sides finished with 4 mm thick teak ply one side and 1 mm thk laminate on other side of approved shade and color as shown in the drawing item to include 8mm thick glass with etching and frosting as per design and 2"x2" t.w. member for door sides and glass sides and t.w. door frame to take 5mm thick glass with etching and frosting. All exposed t.w. surfaces to be finished in melamine polish of matching laminate color as directed including all necessary stainless steel finish fittings/hardware door closers, Godrej locks and wood preservative paint etc as per list of approved material and as approved by the Project Consultant /Bank complete in all respects.(mgr cabin and front facade) [Note- In case of false ceiling , the vertical t.w. member to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only.]	1220.00	SQ.FT		
16	Providing and fixing FLUSH DOOR SHUTTERS as per drg. and door frame made up of 4"x 1.5" styles and top rail, 6"x 1.5" bottom rail and lock rail using 1st class hardwood, 6mm commercial ply of approved Make to be fixed on both faces finished with 1 mm thick laminate of approved Make shade and 6 mm thick clear glass as per design. The work includes providing and fixing of door frames, fixing of bracers, necessary hardware (SS finish) i.e. mortice lock,night latch, concealed door closer (GODREJ/DORMA MAKE), door stopper, SS handles, latches etc.), steam beach beading etc. (spirit polished) as per drawings to the full satisfaction of the Architect, complete in all respects. Thickness of flush door should not be less than 40 mm.(Toilets and pantry etc.)	180.00	SQ.FT		

17	Main Entrance door with film:- Providing and fixing in position 12mm clear float toughened Glass door 7'-0" high for naked glass door. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., and then toughening the same. The cost to include all hardware required viz., Ozone/ebco/godrej or approved equivalent make floor spring with its accessories, top pivot, center lock, 450mm glass door handles etc., along with etching with sand blasting as per design and drawing. The maximum size of each glass shall be as per the drawing or the direction of the Engineer-in-charge. The rate is for a finished item of work etc., complete as directed.	320.00	SQ.FT		
18	12mm clear float toughened Glass partition :- Providing and fixing in position 12mm clear float toughened Glass partition with patch fittings for the full height glass partitions as per the direction of the engineer-in-charge. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., then toughen the same. The cost to include all hardware (PATCH FITTINGS etc) required of Ozone/EBCO/GODREJ or approved equivalent make viz., single corner patch, top and bottom corner patch etc. or as per the direction of the engineer-in-charge, along with etching with sand blasting as per design and drawing. The maximum size of each glass shall be 1200mm to 2000mm x 2400mm to 2700mm as per the site requirement. The rate is for a finished item of work etc., complete as directed. The cost to include the cost of bevelling and smoothening of the exposed edges of the glass.	320.00	SQ.FT		
19	Side credenza made of 19mm thick commercial ply frame and 6mm thick plywood on back side & 1mm thick laminate on top horizontal surface & one vertical visible side only, with teak wood lipping/PVC Tepping on all edges including bottom touching floor. The credenza will have drawer compartment 16" wide outer to outer, containing three drawers vertically running on side mounting drawer slides(channels) of Hettich/Hafele make. The sides of the drawer shall be made of 12mm thick plywood, bottom of 6mm thick plywood & front of 19mm thick block board. The remaining part of the credenza will have cupboard with overlapped shutters and one shelf. All the internal surfaces shall be finished with 0.8mm thick mica of desired shade, design, gloss and the exposed wood shall be pu polished in desired shade.	0.00	nos.		
20	WOODEN BOXING FOR ELECTRICAL PANEL 10'-0" X9'-0"X2'-0" Providing & fixing of Electrical panel cabinate, made of 8mm thick bison panel both side for shutter. External side shall be finished with 1mm thick laminate(Merino / Sunmica / Formica)& internal side shall be finished with backlyte sheet . All accessories like ball catches, ss handle, Fixing MS powder cotted perforeted jali shall be provided in shutter top & bottom etc. All internal frames 50mm x 25mm x 1.6 mm thick section at maximum 2'-0" c/c. Complete as directed depth of cup board 1'-6". Measurement shall be based on area of front elevation of cupboard. The rate to include all materials, labour, transport, taxes, etc complete as directed. As per approved hardware list.	0.00	nos.		
21	S & F wall panelling ON COLUMNS & wall (GM , DGM , Chief Manager cabins) , as per design, consisting of 4 mm th. teak ply fixed on wall with 2" x 1" kail wood framing at 16" c/c both ways with 4mm wide vertical grooves at 16" c/c and horizontal grooves as desired. All wood work shall be wax / spirit polished over a coat of linseed oil finish	750.00	SQ.FT		
22	DO- as above but in mica laminate of 1.0mm thickness of choice colour laminate / shade on 6mm comm. ply in place of teak ply .	0.00	SQ.FT		
23	Vertical Blinds				

	Providing and fixing perforated vertical blinds (metallic of luxflex (Trac / vista / Mac make of approved colours (50mm / 89 mm width) complete in all respects for manager's cabin glazing and front side windows. (basic rate of fabric shall not be less than Rs 90/- per mtr.)of 100 mm thick vertical blinds with necessary accessories like channel,string ,control unit ,fabric etc complete	1250	sft		
24	TROPHY CASE AS PER DRAWING.				
	Providing and fixing trophy case using 18mm commercial Ply bottom , behind , Sides and top finished in 4.0 mm thick teak ply of approved Shade, Max height of the case upto false ceiling bottom , behind , Sides and top and bottom out of commercial Ply and Laminate. 15" width of glass or wooden shelves of the case to be done using 10 mm thk. R polished glass in shelves (The Glass fixed with u brackets) . Complete with closing of all joints and accessories complete in all respect as per direction of Engineer-In-Charge.				
	Providing and fixing low height storage cabinets of size 2'6" (High) x 16" (Deep) along the walls, as per interior drawings, using 19mm board for carcass, shutters, vertical and horizontal partitions, 6mm ply for the back and 4.0 mm thick teak ply of approved Shade on vertical and horizontal visible surfaces. The shutters shall be overlapped on the carcass and shall be provided with Hettich/Hafele hinges. The width of the shutter shall be between 12" to 15" as per the site conditions. All the exposed edges of the board shall be provided with wooden lipping 19mm x 3mm, duly PU polished/PU polish in desired shade. The inner surface shall be provided with 0.8mm thick laminate of desired shade, design and gloss. The cabinet shall be complete with handles, knobs, locks and magnet catchers etc. to the satisfaction of the Architect/Engineer.				
a)	12'-0" X 1'-6"/2'-0" X 9'-0"	1	nos.		
25	WOODEN CEILING (TEAK PLY) :- Providing and fixing 4mm thk.teak ply in ceiling over 12 mm thk. commercial ply (Green ply (Eco- Tech) / Archid / Century) screwed to GI ceiling sections also incorporating 2" x 2" kailwood battens sections in framings grids as per drawings (framework to have coating of fire retardant and anti-termite paint) necessary M.S. hangers, screws, clips, PU polishing and polyurethane coating etc.The payment area will be the visible area only The work should be complete as per instructions of Architect or Engineer in charge.	0.00	SQ.FT		
26	STAINLESS STEEL LOGO WITH LETTERS (6'-0" X4'-0"):- Providing and fixing 304 stainless steel Gold plated logo as per drg.(Make- Jindal / Tata)	1	NOS.		
27	Pin up board for workstations				
	Providing and fixing notice board made of 12mm thk. Soft board covered with approved colour felt (Basic Price Rs. 100/- mtr.) on 6.0 mm thk. Comm. ply back over the walls with 2" x 1" partial wood frame @ 1'-6" spacing both ways. The panel shall be finished with 2"x1" steam beach wood frame on all sides spirit polished as per the design and instruction.	245	SQFT		
28	Vertical garden for reception and waiting area				
	Providing and fixing PVC vertical garden with artificial plants (big ferns on ficus leaves with flowers) , stands, pots fixed with walls/partition/Paneling.complete in all respects as per design given . The rates quoted are inclusive of making of niches,1 mm thk. laminate over the 12 mm thk ply, adhesive etc. labour scaffolding etc. complete in all respects to give the desired look and finish as per drg. .Complete job as per satisfaction of the Architect/Engineer.	300	SQFT		

30	CONFERENCE ROOM CEILING: Providing and fixing Armstrong /Himalayan Acoustic/Ecophone sound scapes - Providing and Fixing Armstrong SoundScapes - Acoustical clouds which are 30 mm thick, flat glass fiber panels with Humidity Resistance RH 90% & Recycled Content of minimum 30%, come in various shape options like Square / Convex / Concave / Circle / Hexagon / Trapezoid / Parallelogram (Left & Right) / Rectangle (Small & Large) and in standard Traffic White color with LR 90% or in the color specified by the Architect / Engineer in charge (Shell / Tangerine / Cranberry / Moss / Kiwi / Reef / Lagoon). The Hexagon Nominal Size :- 1200x1200mm , Actual Size :- 1168x1011mm and sound absorption-1.61	0	NOS		
	<p>The back of each panel to have embedded square frame bracket system of 610x610mm in which provisions are already made for integration of installation system for suspension of individual or grouped panels.</p> <p>INSTALLATION: The panels to be suspended individually using the Armstrong Sound Scapes Deck hanging kit. Each kit to consist of gripper structure anchors with an outer diameter of 16mm and height 23mm, aircraft cables of 1.5mm dia 2.44 LM in length and bottom end cable adjusters of 8.8mm outer diameter. Each panel to be suspended using the aircraft cables which are suspended from the soffit using the gripper structure anchors and its other end passing through the bottom end cable adjuster which are screwed in the 4 corners of the frame bracket system. The height & level of the panels can be adjusted using the bottom end cable adjusters. Installation to be carried out by Armstrong Trained Installation team & Installation should be carried out as per Armstrong recommended procedure.</p>				
31	CONFERENCE ROOM WALLPANELING: Providing and fixing OF ARMSTRONG / Himalayan acoustics/ecophone make Acoustic wall paneling with square edges made of fibre glass substrate 25 mm thick and wrapped on the front side with an caustically transparent and classified for fire reaction class B s1 , d1 as per EN13501, fabric with an option of colors as per the choice of the Architect of size 600X600 mm providing a minimum sound absorption level of .90 NRC to be affixed to wall using wall panel impalers supplied by OEM and construction adhesives as per the instruction laid down by the manufacturer 3 nos. wall panel impalers shall be fixed to the wall surface using self lapping screws silica based construction adhesive to be dabbed on to the projecting elements (spikes)of the impalers wall panels shall be pierced through the spikes of the impalers ensuring the line and level of the panels are maintained installation to be carried out by OEM trined installation team & installation should be carried out as per OEM recommended procedure complete in all respects.	0	SQFT		
	SUB-TOTAL				
	Buy back furnishing work				
	Total				

TENDER OF ELECTRICAL WORKS AT PROPOSED PUNJAB AND SIND BANK FGM OFFICE AT SECTOR 17 CHANDIGARH .					
S.NO.	ITEM /SPECIFICATION	QTY	UNITS	RATE	AMOUNT
PART-I:	<u>COMPUTER POINTS & DISTRIBUTION</u>				
1	Supply all material, storing, handling, fixing of computer points computer points in suitable size of GI box including providing 3 nos 5 amps 3 pin modular sockets to be provided under table top and controlled by 1 no 15 A moduler type switch, indicator (to be provided above the table top in partition) with moduler cover plate etc complete as required including 3X2.5 sq. mm copper armored cable.. Note: Maximum two computer points are to be provided on one circuit. (Switches : Make: Anchor/Crabtree/North-West/MK	70.00	each		
2	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing modular type 02 NO 6 pin 15/16 Amp.socket 01 no 15/16 Amp modular switch and indicator modular switch, connections etc. as required for printer and BMcabin./ATM	45.00	each		
3	Supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited powder coated sheet fabricated comprising of incoming and outgoing isolator & MCBs neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as required as per details below. Make: Havells/HPL/Standard/ Hager/ Legrand/L&T				
a)	12 way MCBDB double door in recessed wall including cutting of wall and making good the damages comprising of 1no. 63amp isolator and 10no. 6/10amp MCBs etc. complete as reqd. (For Banking Hall)	5.00	no.		
b)	8 way MCBDB double door in recessed wall including cutting of wall and making good the damages comprising of 1no. 63amp isolator and 6no. 6/10amp MCBs etc. complete as reqd.	3.00	No		
c)	4 Way TP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 100 A FP TPN and 6 Nos.32 A DPMCBS etc complete as required.	5.00	no.		
d)	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 63AMP ELCB 30 ma and 12 Nos. 6/10 Amp SPMCBS etc complete as required. (for Light, Fan point.Raw power points).	4.00	no.		
4	Supply, installation, testing and commissioning of following capacity 3 pin metal clad industrial type plug and socket arrangement with plug top, cap and chain controlled by under noted capacity:				

a)	20 Amp with 20 Amp. C Curve SP MCB. (for 1 TR & 1.5 TR AC's) Make: Havells/HPL/Standard/Hager/Legrand/L&T	5.00	no.		
b)	30 Amps. with 32 Amp. DP MCB for ACS (2 TR AC's)	25.00	no.		
5	Providing and fixing of suitable size MS box fabricated with 16 G MS sheet either in recess wall or on surface to accommodate dedicated earth from earth electrode and further distribution of earth to computer points including providing of 5 mm bakelite on base connector strip and painting of box etc as required.	1.00	job		
6	Wiring of light points, plug points & power points				
	Wiring for light point/ ceiling fan point/ exhaust fan point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit ISI Mark, with 6Amp modular switch, modular plate, suitable GI junction & switch boxes & clip and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (Make: Havells/ RR Kable / KEI/Finolex)				
	(Rate includes 3 x 2.5 sq.mm FRLS copper conductor, single core cable in PVC conduit for circuit/sub main wiring along with earth wire)				
a)	6 Amp Switch controlling 1 light point	110.00	no.		
b)	6 Amp Switch controlling 4 no. downlights or 2 no. 2'- 0"x 2'-0" 36 watt light fitting	80.00	no.		
c)	Primary Wall fan point controlled by 5 AMP socket controlled by 5amp switch	55.00	no.		
d)	Raw power point 15 AMP socket controlled by 15amp switch	40.00	no.		
	Note: Lihgt points to be calculated ny numbers of lights and no extra cost shall be paid for dummy switch.)				
7	Providing and fixing of 03 no 200 Amps KITKAT with 1 no neutral link on suitable size of Bakelite sheet of thickness not less than 12 mm complete as required	1.00	job		
PART-II	: PANELS & CABLES				
7	Providing & fixing 1 No. 630 amp MCCB with suitable size of MCCB Box complete as reqd. Make L& T DN3-630N series	1	job		
	PANEL-1				
8	SITC of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.I. earth bus bar, bus				
	INCOMING				

a)	1 no. MCCB breaking capacity 50KA 630 amp- 4P Make L& T DN3-630N series				
b)	1 set of 800 amp 4 strips aluminium bus bar chamber				
c)	1 no. 0-500V Digital Voltmeter & Digital Ammeter with one set of CTs (3no.) with CT ratio 200/5 A with LED type indication lamps with protection fuses in separate compartment				
	OUTGOING				
a)	3 no MCCB breaking capacity 36 KA 415 amp 4P Make L& T DN3-630D series				
b)	1 no MCCB box for spare	1	set		
	PANEL-2				
9	SITC of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.I. earth bus bar, bus				
	INCOMING				
a)	1 no. MCCB breaking capacity 36KA 415 amp- 4P Make L& T DN3-630D series				
b)	1 set of 400 amp 4 strips aluminium bus bar chamber				
c)	1 no. 0-500V Digital Voltmeter & Digital Ammeter with one set of CTs (3no.) with CT ratio 200/5 A with LED type indication lamps with protection fuses in separate compartment 1 no. 0-500V Digital Voltmeter & Digital Ammeter with one set of CTs (3no.) with				
	OUTGOING				
a)	6 no MCCB breaking capacity 18 KA 100 amp 4P with suitable neutral link				
b)	3 no MCCB breaking capacity 18 KA 63 amp 4P with suitable neutral link	1	set		
9	Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess wall including cutting of floor/wall and ma				
a)	3.5 x 90 sq.mm. aluminium conductor with 2 no. 8 SWG G.I. wire	110	Per mt.		
b)	3.5 x 50 sq.mm. aluminium conductor with 2 no. 8 SWG G.I. wire	340	Per mt.		
c)	3.5 x 25 sq.mm. aluminium conductor with 2 no. 8 SWG G.I. wire	430	Per mt.		

d)	3x6 sq.mm. Copper conductor with 1 no. 8 S.W.G. GI wire (for UPS DB's only)	320	per mtr.		
e)	3 x 2.5 sq.mm. insulated copper conductor	630	Per mt.		
10	End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:-				
b)	3.5 x 50 sq.mm. aluminium conductor	20	Each		
c)	3.5x25 sq.mm. aluminium conductor	30	Each		
d)	3x6 sq.mm. Copper conductor	45	Each		
e)	3 x 2.5 sq.mm. insulated copper conductor	140	Each		
11	Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame & painting etc. complete as reqd. comprising of following:-				
12	1 No. 4 pole 400 amp capacity changeover switch	1	job		
13	UPS DISTRIBUTION BOARD				
	supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited, powder coated sheet fabricated comprising of incoming and outgoing isolator and MCB's neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as reqd. Make: Havells/HPL/Standard/ Hager/ Legrand/L&T as per details below :-				
a	4 way DB comprising of 2 no. 63 amp DPMCB (UPS out put)	2	each		
b	4 way TPNCB Double Door comprising of 1 no. incoming 63 amp ELCB 30 ma & 3 no. 32 DPMCB (For UPS Input)	1	each		
14	Providing and laying following sizes of PVC insulated copper conductor cable of 1100 V in flexible/ PVC conduit pipe with accessories such as glands bends etc(as per requirement) including making necessary interconnection etc complete as required.				
	2 X 6 Sq mm with 1 no suitable insulated 2.5 sq mm copper wire in PVC flexible pipe. (Make: Havells/ RR Kable / KEI/Finolex)	60.00	mtr.		
15	Earth Box: Providing and fixing suitable size of MS box fabricated with 16 S.W.G. MS sheet either in recess wall or on surface to accommodate dedicated earth from earth electrode and further distribution of earth to computer points including providing 5mm	1	job		
16	EARTHING				

a)	Supply and fix copper plate earth station with 600X600X3mm copper plate including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate	1	Sets		
	i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-1987. The voltage between neutral and earth must be below 1 V.				
b)	Supply and fix GI plate earth station with 600X600X6mm GI plate including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-1987.	2	Sets		
17	a)Supply fixing and termination of 20X3 mm copper strip with earth station below ground level etc as required.	5	Meter		
	b)Supply fixing and termination of 20X3 mm G.I strip with earth station below ground level etc as required.	10	Meter		
18	a)Providing and fixing of 8 SWG copper earth wire in the recess for loop earthing etc. as required.	60	Meter		
	b)Providing and fixing of 8 SWG GI earth wire in the recess for loop earthing etc. as required.	80	Meter		
19	Supply and laying following dia 2 mm in thickness PVC pipe under floor or in recessed walls from earth electrode to UPS room for computer dedicated earthing (ISI Marked)				
	25 mm diameter	85	Meter		
PART III-	<u>TELEPHONE & DATA CABLE</u>				
20	Wiring for telephone points with 0.6 mm dia 2 pair insulated annealed tinned electrolytic copper conductor in 2 mm thick 25 mm dia ISI marked PVC conduit complete with accessories such as bends, junction boxes etc. with suitable size of G.I. box modular plate and cover in front on surface or in recess including providing and fixing modular type telephone socket outlet and making necessary connections etc. complete as reqd.(Make: Dglink/KEI/Finolex)	65.00	no.		
21	Supply, installation and testing & commissioning of Tag Block 100 pair for telephone connections Make krone	1.00	no.		
22	Providing , Laying, testing & commisioning of 20 pair telephone cable from outside govt. / bsnl DB to Rack for lease line, ISDN of Make: Delton, finolex, polycab.	30.00	mtr.		

23	Data cabling work for computer networking starting from mounting rack at system room with UTP CAT-6e LAN Data cable in 2mm thick 25 mm dia ISI mark PVC conduit with accessories such as bends, Tees, junction boxes including providing and fixing cat-6 I/O plates and SMB complete with all networking accessories etc complete as reqd.,	70.00	no.		
	testing and ferruling (D LinK/MOLEX/AMP/ COMMScope) . Note: maximum 6 no. data cable must be run in one pvc pipe.				
24	supply, installation, testing and commissioning of 24-port Patch Panel	3.00	no.		
25	Supply and installation, testing and commissioning of mounted rack 15" hight made of powder coated MS sheet	2.00	no.		
26	supply, installation, testing and commissioning of factory manufactured CAT-6e patch chord complete with 2 no. connectors etc. complete as reqd.				
	1 mtr. long	70.00	no.		
	2 mtr. long	70.00	no.		
PART-IV : SUPPLY, INSTALLATION TESTING & COMMISSIONING OF FANS & FIXTURES					
27	SITC of 2"x2" Celing grid 30 watt LED fixtures with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc Complete as reqd. Make Philips cat. RC 380 B- LED-30-6500PSE OD WH or equivalent of Wipro / Bajaj.	132.00	no.		
28	SITC of 15 watt LED fixtures /dowlighters with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc complete as reqd. Make Phillips cat no. DN - 192 - 1000 or equivalent of Wipro / Bajaj.	40.00	no.		
29	SITC of 5 watt recess mounted LED down light with assembly complete with including making necessary connections etc. Complete as reqd. (M/s Crompton Cat No. Or equivalent of Philips/Wipro/ Bajaj)	20	no.		
30	SITC of 18 watt of T5 LED fixtures directly on ceiling / wall including making necessary connections with 2x1.5 sq.mm insulated copper cable conductor wire etc. complete as reqd Make Phillips cat no. DN - 192 - 1000 or equivalent of Wipro / Bajaj.	40.00	no.		
31	SITC of 400 mm Plastic body wall fan etc, complete as reqd. (M/s Crompton or equivalent of Khaitan / Bajaj.)	60.00	no.		
32	LED Strip light (4.5/5 watt)for cove (M/s Phillips /Wipro / Bajaj Complete in all respects with suitable drivers	140.00	MTR.		

33	SITC of 1200 mm CEILING fans complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj).	6.00	no.		
34	SITC of 200 mm exhaust fans complete with self opening louvers / shutters including necessary frame etc, complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj).	12.00	no.		
	TOTAL OF PART I - III (A)				
	TOTAL OF PART - IV & IV (B)				
	TOTAL AMOUNT (A+B)				
	BUY BACK (ELECTRICAL FIXTURES AND USELESS ITEMS NOT)				
	TOTAL AMOUNT				
	Add GST @ 18% on Total as applicable				
Note: the vendor have to provide LAN diagram after completion of the work along with the bill, without it payment will not be made.					

TENDER FOR AIR- CONDITIONING WORK OF PUNJAB AND SIND BANK FGM OFFICE AT SECTOR 17 CHANDIGARH .					
SNO	DISCRIPTION	QTY	UNIT	RATE S	AMOUNT
1	S.I.T.C. of 3 Star 2, Ton capacity High wall mounted Split A.C. comprising Indoor & Out-door units. Indoor unit comprising Multi Row DX cooling coil, expansion valve, drier, motor driven air-blower with metallic frame etc. Out-door unit will have rotory/scroll compressor, condenser coil, & fan, Cordless remote control unit etc. including refrigerant gas charging.	0	nos		
2	S.I.T.C. of 3 Star A.C. as per specifications given in item no 2 above but for 1.5 Ton High Wall Split A.C.	0	nos		
3	S.I.T.C. of 3 Star AC as per specifications given in item no 2 above But For 1,Ton Split A.C.'s	0	nos		
4	Supply and installation of 2.0TR High Casette AC 3 star (Cooling Model) along with 4 meter each of copper pipe, electrical cabling and drain pipe	0	nos		
5	S.I.T.C. of suitable voltage stabilizers 5 kva for above capacity Air-Conditioners.	0	nos		
5	S.I.T.C. of 1/4" + 1/2" dia. Copper refrigerant pipe with foam Insulation between Indoor & Outdoor units with breaking of wall for making hole wherever required For Split Air- Conditioners .Including chiseling of walls, plastering of walls, etc required.	140	rmtr		
7	S.I.T.C. of 5/8" & 3/8" dia. Copper refrigerant pipe with foam Insulation between Indoor & Out door units with breaking of wall for making hole wherever required For Split Air- Conditioners..Including chiseling of walls, plastering of walls, etc required	650	rmtr		

6	S.I.T.C. of copper conductor flexible cable between Indoor & Outdoor units through holes as made above for Split A.C.'s.	750	rmtr		
7	S.I.T.C. of 19/25 mm. PVC conduit pipe to be used as a drain water pipe. Through holes as made above.	450	rmtr		
8	S.I.T.C. of L shape / suitable shape M.S. Frame stand for mounting Outdoor Units on wall / On floor with all fixing hardwares. Within above Catwalk for cassette & split A.c.'s.	12	nos.		
10	S.I.T.C. of Cyclic Timer for Server Room AC.				
	TOTAL				

TENDER FOR FIRE ALARM & PA SYSTEM WORK OF PUNJAB AND SIND BANK FGM OFFICE AT SECTOR 17 CHANDIGARH .					
SI.No	DESCRIPTION	UNIT	QTY	Rate	Amount
1	FIRE ALARM & PA SYSTEM :				
1	Fire Alarm Panel :				
	Supplying, installation, testing and commissioning of Fire Alarm control panel with zone indication for fire detection with Selection for individual zone. The panels shall include solid state circuit, 240V AC power supply, Automatic battery charger, 24V sealed lead acid batteries capable of operating the system for 24 hrs during normal conditions and then 2 hrs during emergency conditions. amplifiers etc. and fire/fault/test position selector switches, zone isolation facility etc. complete with sufficient numbers NO/NC contacts and relays etc.as required.				
	Main Control Panel (4Zone)	1	Nos.		
2	Supplying, fixing, testing and commissioning of conventional photoelectric type smoke detector with mounting base and LED etc. complete as required.	40	Nos.		
3	Supplying, fixing, testing and commissioning of conventional rate of rise cum fixed heat detector with mounting base and LED etc. complete as required.	20	Nos.		
4	Supplying, fixing, testing and commissioning of dual tone type electronic hooter.	15	Nos.		
5	Supply, fixing, testing and commissioning of flush type response indicator with red coloured neon lamp.	18	Nos.		
6	Supplying, fixing, testing and commissioning of manual call point.	10	Nos.		

7	Supplying, laying, terminating, testing and commissioning of 3 x 2.5 Sqmm. PVC insulated FRLS copper conductor wires of 1100 V grade in existing conduit.	1650	RM		
8	Supplying and fixing of following sizes of steel conduit along with the accessories like saddles, junction boxes, bends, sockets, check nut reducer, fish wire etc. in surface/recess including painting in case of surface conduit or cutting the wall and making good the same in case of recess conduit as required.				
a)	25 MM	300	mtr		
b)	20 MM	300	mtr		
9	CEAS FIRE Automatic Modular ABC Powder Types Fire Extinguisher (Capacity - 5 kg) (For UPS & Server Room)	3	Nos		
10	AFO (AUTO FIRE OFF) Plastic Fire Extinguisher Ball, Standard Size, Orange - Pack of 2 Balls	2	Nos		
11	Security System:				
a	S.& I. of 4"x4" Red Danger Mark Stickers 230 Volt/ 440 Volt etc. to be fixed on all the D.B.'s	2	Nos		
b	S & I of 4.5 K.G. CO2 Fire Extinguisher	2	Nos		
c	4.5 KG ABC Fire extinguisher	2	Nos		
2	Wiring and Speakers for PA system				
a)	Supply, installation, testing and commissioning of ceiling mounted 6 watt Music speaker with line matching transformer	20	Nos		
b)	P/F. Amplifier as per required	1	Nos		
c)	24 u rack as per required	1	Nos		
d)	P/F. DVD player as per required	1	Nos		
	TOTAL OF FIRE ALARM & PA SYSTEM CARRIED OVER TO SUMMARY	Rs.			
	SPRINKLER				
1	MS Pipe for Sprinkler system				
	Supply erection and testing of ISI mark (B-class) MS pipe, specials etc.(as per IS:1239) for hydrant and sprinkler system including transport to worksite and site, cutting, welding, fixing/ erection as per drawing with suitable flat iron strips including specials i.e. bends, tees, reducers, flanges, hangers, supports, etc. Including aligning of pipeline, painting with primer coat and two coats of fire red colour. Hydrostatic testing of system as specified, flushing and clean of water etc. MAKE: Jindal				
	150mm NB	56.00	Mts		
	100mm NB	50.00	Mts		
	80mm NB	85.00	Mts		
	50mm NB	120.00	Mts		
	32mm NB	95.00	Mts		

	25mm NB	75.00	Mts		
2	100mm Dia. Butterfly valve				
	Supply Fixing, testing and commisioning in position ISI msrked cast iron(PN1.6) including all transportation, supply, fing of nuts, bolts, gaskets and washers, etc. (MAKE: Kirlosker/ Venus/ IVC/ Leader)	1.00	Nos.		
3	Non Return Valve 100mm				
	Supply, fixing and commisioning of ISI marked cast iron double plate Non Return Valve as per IS: 5312, part I including nuts, bolts, gaskets and wshers etc complete with testing as per drawing. MAKE: Jindal (hissar)/ Bharat/ India tube/ Prakash.	1.00	Nos.		
4	Draining System				
	Providing and Fixing of the draining arrangement to the sprinkler system with upto 3mts long50mm dia MS pipe with 50mm dia isolating valve etc as required. MAKE: Jindal (hissar)/ Bharat/ India tube/ Prakash.	1.00	Set		
5	Gong bell 100mm				
	Supply fixing testing and commisioning of TAC approved 100mm installation control valve assembly complete with hydraulic alarm motorand Gong main stop valve, alarm valve, pressure gauge etc to complete system as required.	1.00	Set		
6	Sprinklers				
	Supply fixing testing and commisioning of Pendent Sprinlers of TAC approved 15mm dia conventional pattern, 68	90.00	Nos.		
7	Sprinklers				
	Supply fixing testing and commisioning of upright type Sprinlers of TAC approved 15mm dia conventional pattern, 68	40.00	Nos.		
8	Fexible				
	Supply fixing testing and commisioning of Sprinlers felixble drop pipe 700mm Long	90.00	Nos.		
9	Fexible				
	Supply fixing testing and commisioning of Sprinlers felixble drop pipe 1000mm Long	40.00	Nos.		
	TOTAL OF SPRINKLERS				
	TOTAL AMOUNT				

TENDER FOR INTERIOR FURNISHING & ALLIED WORK OF PUNJAB AND SIND BANK FGM OFFICE AT SECTOR - 17 , CHANDIGARH (F.F.).			
S. No.	ITEM NO	DESCRIPTION OF ITEMS HEAD WISE	AMOUNT
1	CW	CIVIL WORK	
2	IW	INTERIOR WORK	
3	EW	ELECTRICAL WORK	
4	AC	AIR- CONDITIONING WORK	
5	FW	FIRE WORK	
		TOTAL AMOUNT	
		GST WILL BE PAID EXTRA	