

BRANCH: NTPC BARH (10085)					
BOQ : CIVIL, FURNISHING & INTERIOR DECORATION WORK FOR PROPOSED ALTERNATE NEW PREMISES					
CIVIL WORK SUB HEAD - A					
SNO	WORK DISCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
	In cement mortar	Cum	24.00		
TOILET FLOOR					
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	4.00		
CHAJJA AND LINTEL INTERNAL SIDE					
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	1.00		
EXISTING DOOR AND WINDOW WITH VENTILATORS OR SHUTTERS IF REQUIRED					
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
4.1	Of area 3 sq. metres and below	No.	25.00		
EXISTING STEEL WORK					
5	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	200.00		
EXISTING FLOOR BANKING HALL AND WALL TILE IN TOILET AND PANTRY					
6	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles 10 mm to 25 mm	Sqm	190.00		
7	Brick FLAT SOLING				
	1:6 (1cement : 6 coarse sand)	Sqm	17.00		
PCC WORK FOR FLOOR IN TOILET					
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work up to plinth level:				
	1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size)	Cum	2.00		
BRICK WORK for partition wall in pantry room					
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	25.00		
10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	7.62		

11	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.ird course of half brick masonry.	Sqm	7.62		
12	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 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	10.00		
13	Providing M.S reinforcement including cutting binding and placing of rods of TATA or SAIL make etc to complete job.	Kg	1000.00		
14	Centering and shuttering including strutting, propping etc. and removal of form work for Columns, piers, abutments, pillars, posts and struts	Sqm	60.00		
PLASTER WORK ON NEW WALL					
	Plaster on inner side of wall				
15	12 mm cement plaster of mix :				
	1:4 (1 cement: 4 fine sand)	Sqm	190.00		
16	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	1:4 (1 cement: 4 fine sand)	Sqm	70.00		
17	20 mm cement plaster of mix : OUTER SIDE WALL IF REQUIRED				
	1:4 (1 cement: 4 fine sand)	Sqm	40.00		
PAINTING WORK ON BRICK WALL and UPS ROOM KITCHEN AND STORE WALL					
18	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
A	Two or more coats applied on walls @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @ 0.75 ltr / 10sqm	Sqm	375.00		
B	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/ 10 sqm of approved brand or manufacture	Sqm	9.29		
MAIN GATE COLLAPSIBLE _ROLLING SHUTTER _GRILL PARTITION _COLLAPSIBLE GATE_WINDOW GRILL					
19	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 -part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover.	Sqm	15.00		
20	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	Sqm	36.00		
21	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture	Sqm	80.00		

ALL NEW BRICK WALL AND SCAPPED WALL				
22	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	375.00	
FLOORING WORK				
23	Providing and laying Vitrified tiles in floor 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, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. MAKE SOMANY/JOHNSON N JOHNSON_/KAJARIA/_AGL/RAK			
BANKING AREA				
A	Double charge vitrified tile polished finish of size			
	Size of Tile 600 x 1200 mm (HALL)	Sqm	140.00	
KITCHEN & TOILET FLOOR				
B	Glazed Vitrified tiles Matt/Antiskid finish of size			
	Size of Tile 600 x 600 mm	Sqm	20.51	
SKIRTING 4" / DADO UP TO 7'0" TOILET WALL AND KITCHEN ABOVE PLATFORM				
C	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete			
	Size of Tile 600x600 mm MATT FINISH VITRIFIED TILE 600X1200mm DOUBLE CHARGE POLISH	Sqm	51.57	
GRANITE WORK ABOVE PANTRY PLATFORM AND FACIA				
24	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.			
	Granite stone slab all colour and texture except black, Cherry/ Ruby red			
	Area of slab upto 0.50 sqm	Sqm	3.35	
25	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.			
	Granite work	m	5.00	

26	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete	No.	1.00		
A	TOTAL CIVIL WORK SUB HEAD -A				
B	PLUMBING SANITATION WORK				
SNO	WORK DISCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Removing and taken out existing fixtures and fittings	Job	1.00		
	WATER SUPPLY				
	C.P.V.C PIPES				
2	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)	20 mm dia. Nominal outer dia pipes	Metre	10.00		
(B)	25 mm dia. Nominal outer dia pipes	Metre	5.00		
(C)	32 mm dia. Nominal outer dia pipes	Metre	5.00		
3	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)	20 mm dia. Nominal outer dia pipes	Metre	25.00		
(B)	25 mm dia. Nominal outer dia pipes	Metre	5.00		
4	Providing and fixing brass gate valve with C.I. wheel of approved quality.				
(A)	20 mm Nominal bore	Each.	7.00		
(B)	25 mm Nominal bore	Each.	2.00		
(C)	32 mm Nominal bore	Each.	2.00		
5	Providing and fixing G.I. union in G.I.pipe including cutting and threading the pipe and making long screws etc.complete				
(A)	20 mm dia. Nominal bore	each	7.00		
(B)	25 mm dia. Nominal bore	each	5.00		
(C)	32mm dia. Nominal bore	each	8.00		
	C.P. BRASS FITTINGS				
6	Providing and fixing C.P brass log body bib cock of approved quality confirming to IS:8931				
	15mm nominal bore	Each	3.00		

7	Two Way Bib Tap (Double Handle) make epco/Jaquare	Each	3.00		
8	Providing and fixing C.P. brass angle valve for basin and sink of approved quality confirming to 8931				
	15 mm Nominal bore	Each	4.00		
9	Providing and fixing P.T.M.T. grating of approved quality & colour				
	circular type				
	100 mm nominal dia,	Each	4.00		
10	health facet 15mm nominal bore	Each	3.00		
11	Providing and fixing water closet squatting pan(indian type WC pan)with 100mm sand cast iron P or S trap, 10 litre low fixture complete , including cting and making good the walls and level white PVC flushing cistern,including flush pipe with manuall controlled device(handle leer) cofirming to IS 7231, with all fittings and floors wherever required				
	white vitreous china Orissa pattern WC pan of size 580X440mm with integral type foot rests	Each	1.00		
12	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Make hindware /johnson/perryware/Somany				
	W.C. pan with ISI marked white solid plastic seat and lid ONE PIECE WC S /P TRAP	Each	2		
	HindwareItalian Collection Prima /parryware brezza/prime/claret/delta model One-piece EWC S-220 Trap Made of Ceramic Soft Close Seat Cover				
13	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required .				
	Single half stall urinal with 5 litre P.V.C. automatic flushing cistern MODEL: URS-WHT-13265 Urinal with Spreader and Fixing Accessories Set Size: 340x380x710 mm	Each	2		
14	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, , 32 mm C.P. brass waste of standard pattern, including paintings of fittings and brackets, cutting and making good the .wall wherever required.				
	White vitreous china flat back wash basin size 550X400mm with a single15mm CP brass pillar tap	Each	3.00		
15	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.				
	Kitchen sink without drain board.				
	610x510 mm bowl depth 200 mm.	Each	1.00		
16	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete				

	Flexiable pipe 40 mm dia	Each	1.00		
17	Provding 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	3.00		
18	Provding 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	4.00		
19	Provding and fixing PTMT bottle traps for wash basin & sink				
	Bottle trap 31 mm single piece moulded with height of 270mm , effective length of tail pipe 260mm from the centre of waste coupling 77mm breadth with 25mm minimum water seal ,weighing not less than 260 gms.	Each	3.00		
20	Provding 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	3.00		
21	Provding 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.				
	600 mm long towel rail with total length of 645mm width78mm and effective height of 88mm,weighing not less than 190 gms.	Each	3.00		
22	Providing and fitting clamp,band T band as per required	LS	1		
B	Plumbing and sanitary work Sub head -B				
	TOTAL CIVIL AND PHE WORK (A+B)				

C	INTERIOR AND FURNISHING WORK				
SNO	WORK DISCRIPTION	UNIT	QTY	RATE	AMOUNT
1	<p><u>LOW HEIGHT SINGLE WINDOW COUNTER</u></p> <p>Providing and fixing low height Single Window counters / Case Manager's table with a maximum width of 3'0" in required shape as per typical design. The main structure of the counter is to be made of 19mm thick BWP Phenol Formaldehyde block board of Green/Century / Mayur or equivalent with a teak wood beading of 50 mm x 38 mm in front and necessary beading to cover all the exposed edges of board etc. The width of the counter should have 5'0" (with disc credenza / cabinet of 1'4" wide and maximum 3'6" length / depth (including width of counter). The vertical supporting members of counter are to be made of 19 mm thick BPW Phenol Formaldehyde block board of Green/Century / equivalent don-8 box shall be provided by the bank would be fitted properly in right hand side. The key board pullout tray of to be provided in addition to key board drawer with lock and key make arrangement of standard make to be decided by the Bank. The left hand side should have cabinet made of 19 mm thick BWP, PF plywood and cavity keeping CPU as per design / drawing. The counter top have a neat hole to be made in the table for connecting the wires which is to be covered with a dark colored PVC insert (wire manager) with moveable parts to put the wires and sockets to cover the hole neatly. The exposed block – board/ plywood to be covered with 0.80 mm thick blue / white high gloss laminate of Greenlam / Marino / Century or equivalent of approved shade and colour. Exposed portions to be also covered with 0.80 mm thick blue / white high gloss laminate of approved shade and colour. The internal and non-visible side of all drawers, cabinets and counter table shall be painted with 3 coats of enamel paint over one coat of primer on the internal side. Glass portion made of 12 mm thick float glass of approved make as per design and specification securely fixed in toughen section as per design and details and all necessary standard quality of fittings, hard wares, locks (make or equivalent). Door shut-ter of 19 mm BWP board to be fixed at the rear side of counter with automatic locking system from Godrej or equivalent. All work to be completed as per Corporate Centre, Mumbai approved materials Color & Laminate etc and specification and direction of Engineer-in-charge /Bank.</p>	Meters	4.57		

2	FULL HEIGHT PARTITIONS PARTLY paneled AND PARTLLY GLAZED Providing and fixing double skin partly paneled & partly glazed full height partition with frames of 50 mm x 38 mm (finished size) seasoned hardwood members (Gamhar, Malaysian Sal wood / hollock) at maximum intervals of 450 mm x 450 mm with provision of bigger members at skirting, fixing to false ceiling (if provided) fixing to RCC Slab, Beams etc. all wood work to be treated with 1st quality anti-termite paint and covered with 6 mm thick BWP grade plywood and 0.80 mm thick (Greenlam / century or equivalent) blue / white high gloss laminate with grooves / small / panels cut and pasted in the same as per typical design, on both sides so as to form able skin partition to level 900 mm and with 8.0 mm clear float glass of approved make as above at item-1 of Modi float or equivalent above, etched / etching film pasted as per design fixed in wooden frame and with teak wood beading as per detail design, which is to be of 1st quality teakwood (all visible wood to be of 1st quality teakwood) and shall be polished and protected with melamine polish. The wooden frame of the partition shall continue right up to the ceiling as shall be firmly fixed to the ceiling and ground by means of Rawal Plugs etc necessary fasteners so as to form a stable system / partition all complete work with provision for wring to be done by other agencies all complete work as per Corporate Centre, Mumbai approved materials Colour and Laminate etc and specifications and direction of Engineer-in-charge /Bank.	Sq.m	18.00		
3	FULL HEIGHT NON-GLAZED PARTITIONS Providing and fixing full height non glazed partition with all other specifications remaining identical to that in item No. 2 above as required and the glazed area to be replaced by double skin partition of the same specification as exist in the other parts of the same partition – all complete work as per Corporate Centre, Mumbai approved materials Color & Laminate and specifications and direction of Engineer-in-charge /Bank	Sq.m	0.00		
4	LOW HEIGHT PARTITION Providing and fixing low / half height partitions up to 5' 0" with double skin paneling up to 4'-0" and 12 mm thick float glass of approved make above frameless on the top and sides and sturdily fixed at the bottom on a polished teakwood frame all complete job with all other specifica-tions and details to be as per item No. 2 above and as per the design i.e. shown in sides of low-height counters all complete work. All complete work as per Corporate Cen-tre, Mumbai approved materials Colour & Laminate etc and specifications and direction of EIC /Bank	Sq.m	30.00		
5	HYDRAULIC DOOR CLOSER Providing and fixing hydraulic Hardwyn, Everite or ap-proved make equivalent door closures of Hardwyn, Everite or equivalent approved brand and sample – all complete as per instructions of the Bank. All complete work as per drawing, design. Specification and direction of Engineer-in-charge /Bank.	Nos.	3.00		
6	12 MM THICK TOUGHENED GLASS PARTITION AND DOOR ETC Providing and fixing / fitting 12 mm thick toughened glass of approved make with all necessary hardware accessories etc including cost of labours and materials etc as per Cor-porate Centre, Mumbai approved materials Colour etc and specifications and the direction of E / I.	Sq.m	32.00		
A	Floor spring	Nos.	2.00		
7	Providing D-Tel depository cabinet of Godrej make in counters of size-691mm x 460mm x 460mm of weight 33.00 kg of automatic locking including of cost of labors & materials etc. to complete job as per specification & direction of E/I.	Nos.	2.00		

<p>8 <u>WORK STATIONS / TABLES</u></p> <p>(a). Making and erecting Desk-top with provision of wore manager having two sides vertical support panels and modesty panel. All made of 19 mm thick BWP grade block board of Green / Century /Mayur or equivalent top laminated with 0.80 mm blue / white high gloss laminate of Green/ Marino / Century or equivalent. All edges shall be covered with teak wood lapping and front-edge shall be covered with half round molding. Inner portion of table shall be painted with matt finish 3 coat of synthetic ena-mel paint with primer. All wooden surfaces shall be well polished with melamine/sprit polish.</p> <p>(b) Making & providing drawer chest with two drawers and one cupboard with concealed hinges and Godrej mul-tipurpose locks. Box made of 19 mm thick and bottom with 6 mm BWP grade ply of Green/ Century or equivalent front shall be cladded with 0.80 mm thick high gloss blue /white laminate of Green lam / Century or equivalent side edges of drawers and cupboard shall molded in round shape with Gamhar wood. All drawers shall have 'Z' shape powder coated MS runners with PVC sound less rollers. All work to be completed as per Corporate Centre, Mumbai approved materials Color Laminate and specifications and direction of Engineer-in-charge /Bank.</p> <p>(c). Providing and fixing key board tray (as per design and specification at 1- above) try and made of PVC / Lami-nated board on 'Z' shape powder coated runner with PVC soundless rollers. All complete work as per drawing, design. Specification and direction of Engineer-in-charge /Bank.</p>				
<p>A 1800 mm x 900 mm x 750 mm (For B.M)</p>	Nos.	1.00		
<p>B 'L' shaped 1500 mm x 1650 mm x 750 mm</p>	Nos.	2.00		
<p>9 <u>FOOT REST</u></p> <p>Providing and placing foot rest made of 19 mm BWP grade block board with wooden lippings top cladded with rubber mat. All inner portions shall have a coat of mat finish enamel paint all complete work as per drawing, design. Specification and direction of Engineer-in-charge /Bank.</p>	Nos.	6.00		
<p>10 Supplying & fixing/fitting of Corian laminate of 6mm thickness of approved make only on table top, table front, & designer beads SBI facia, back black color & rounding of edges to complete in all respect, as per site condition with rounding of edges etc to complete job. (Counters and BM Table).</p>	Sq.m	11.75		
<p>11 <u>LOW TYPE STORAGE CABINET</u></p> <p>Making and fixing low type storage cabinet with drawer and cupboard with shelf as per the drawing / design all made of 19 mm thick BWP block board of Green/Century /Mayur or equivalent top and front laminated with 0.80 mm thick blue / white high glosive laminate of Green/Marino /century or equivalent top edges shall have Gamhar wood moulding. Drawer shall run of 'Z' type drawer slides with PVC rollers. All inside portion shall be painted with matt finish enamel paint and all wooden sur-faces shall be melamine/sprit polish. All work to be com-pleted work with necessary and required hardware of stan-dard quality as per Corporate Centre, Mumbai ap-proved materials Colour laminate and specifications and direction of Engineer-in-charge /Bank</p>	Sq.m	6.00		

12	FALSE CEILING	Sq.m	120.00		
<p>Providing and fixing of Armstrong's Mineral Fiber Acous-tical False ceiling tiles of type Prima Fine Fissured RH-99% of approx. size 600mm x 600mm x 12mm with square / tegular edge at all heights laid on Armstrong's Prelude XL Hot dipped galvanized exposed grid with 15 m with T-Section exposed flingers which shall be powder coated white. The framework will comprise of main Runner made from 0.33 mm thick GS sheet and of size 24 mm x 38mm x 3600 mm and spaced at 1200 mm centre securely fixed to the structural soffit by approved hangers at 1200 mm maximum centre. Hangers (GI wire of 4.0 mm diameter) to be fixed by approved Rawl plug, level adjusters and screws etc. All complete work as per drawing, design. Specification and direction of Engineer-in-charge /Bank. The last hanger at the end of each main Runner should not be greater than 450 mm from the adjacent wall. Flush fitting of 1200 mm long cross tee (with double stitching) to be interlocked between main Runners at 600 mm centre to form 1200 mm x 600 mm modules. Cut cross Tees longer than 600 mm to be supported independently. 600 mm x 600 mm modules top be formed by fitting 600 mm x 600 mm modules to be formed by fitting 600 mm long cross Tee centrally between the 12 mm cross Tee. Perimeter wall Angle shall be of 0.45 thick GS Steel and of size 22 mm and 3000 mm long of white color. The work shall be as per standards and specifications laid down by the manufacturers. Full provision of weight of a/c ducting (if provided) and light fittings, wiring for any use, including co-coordinating with all trades and making any cutouts required for the same, all complete with a minimum of 2 coats of premium quality Acrylic emulsion paint and full finishing for light fittings all complete work as per drawing, design., specification and direction of Engineer-in-charge /Bank.</p>					
13	<p>Providing and fixing in position Seamless Gypsum Board Plain False Ceiling with cove in one or more levels as directed in-cluding vertical surfaces between different levels. The Ceiling including vertical surfaces is to be done with 12.5 mm thick plain Gypsum boards of approved make, duly finished with recommended filters, tapes, etc. to have a seamless flush look. The ceiling system is to be fixed to a concealed GI frame-work (Gypsteel Ultra make or approved equivalent) by 25 mm long GI drywall screws at 250 mm intervals along both ways. The framework shall be suspended securely from MS an-gle hangers fixed to true ceiling surface by dash fasteners. The whole system is to be fitted with all necessary ar-rangements like perimeter channels, intermediate channels, ceiling sections, ceiling suspension angles, rawl plug, soffit cleat etc. The work includes applying two coats of approved putty & primer suitable for Gypsum boards after necessary surface preparation and final painting with approved acrylic emulsion paint on the surface. Provisions for openable type lids for facilitating arrange-ments for rolling shutters are to be made as required. Lids shall be made out of 9 mm thick BWR plywood duly painted to match the ceiling surface and provided with 2 No. 75 mm SS butt hinges & 1 No. 100 mm SS tower bolt along the surface. The work is to be completed with all materials, accessories. Labour, tools & tackles and in strict conformity with manufacturers specifications & recommendations. Rate is to include the cost of making openings for ceiling mounted electrical & air-conditioning accessories. All materials should be approved by Bank.</p>	Sq.m	30.00		
14	<p>Providing and fixing wall & Column Paneling as per drawing & design: The Paneling shall be fixed on a concealed wooden framework of required section placed at 600 mm c/c both horizontally & vertically. The framework is to be fixed by means of Aluminum an-gles of appropriate</p>				
A	Interior Columns in Banking Hall	Sq.m	10.00		
B	With 12 mm thick MDF board fixed on frame finishing paneling surface with high glosive 0.80 mm thick	Sq.m	50.00		

15	<u>Providing and fixing self adhesive Sparkle series Frosted Film and/or one way vision film of 3 M make as per design</u> The film are to paste on main glass door & other glasses as directed, cut & fixed as per design including the Bank's logo. Supporting cash memo/bills are to be produced for pay-ment of this item including certificate from the dealer certifying use of the product. Executed area of the film pasted on glasses shall be measured for finished work.	Sq.m	20.00		
16	<u>Providing and fixing ACP Cover for Rolling Shutter Box and paneling for E-Lobby</u> The cover is to be set with an inner wooden framework of 50 mm x 50 mm well seasoned Malaysian Sal wood sec-tions, placed at suitable spacing not exceeding 600 mm c/c. The framework shall be covered by 12 mm thick BWR plywood. The work is to be finished with 3 mm thick exterior/interior grade Aluminum Composite Panel(ACP) cladding of approved shade & make with grooves duly treated with silicon sealant. The work is to include all necessary materials, accessories, labour, tools & tackles. Executed covered area shall be measured for finished work.	Sq.m	50.00		
17	<u>Providing, fitting and fixing Drop Boxes as per drawings</u> The box shall havean approximate size of 400 mm width, 200 mm depth and 450 mm height. One drop-slit, 200 mm long & 5 mm wide with edges smoothened properly, is to be provided on the top of the box. The box shall be provided with a small lockable door with 2 no. 75 mm SS butt hinges and a small SS hasp bolt. The item is to be made out of 12 mm thick BWR block board to a pigeon hole shape. The work is to be finished with 1mm thick high gloss laminate of approved shade. The inner surfaces are to be finished with French polish. The work is to be completed with necessary lipping & polishing to exposed surfaces. The box shall be fixed to a wall or column in the hall at a height of 1.2 m from FFL or as directed. The work is to include all necessary materials, accessories, labour, tools & tackles. Payment shall be made for finished work. Boxes of the following categories are to be provided -				
A	Suggestion Box	Nos.	1.00		
B	Cheque Drop box	Nos.	1.00		
C	Voucher Rack	Nos.	1.00		
18	S/F/F Godrej mortise locks/ Night latches including cost of labor & materials etc. to complete job.	Nos.	6.00		
19	<u>GRAHAK MITRA</u> Providing Grahak Mitra Counter of size 3'-0" x 3'6" with side credenza of 2'3" x 6'0" in approved shape as per design of Bank made up of 19 mm thick BWP grade block board of Green / Century brand and make as above mentioned at item – 1 above, top laminated with 1.0 mm high glosive laminate with all complete work as per drawing, design., specification and direction of Engineer-in-charge /Bank.	Nos.	1.00		
SUBTOTAL-C					
GRAND TOTAL (A+B+C)					