

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	CIVIL WORKS				
	PREAMBLE				
	Rates shall be inclusive of the following				
	1) The servicable and unservicable materials shall be stacked separately and properly in the designated place and to be stacked/stored at designated till the disposal /reuse of the same. The debries, excess materials is to be carted outside the premises and disposed off at the NDMC designated place upto any lead, lift and travel by the contractor at his own cost.				
	2)All the civil works has to be carried out with minimum 53 grade OPC cement and VSI grade crushed sand, of required fineness,which shall be free from stilt and other impurities.				
	3) All the civil works must be cured for at least 7 days.				
	4) For all works, water to be use must be fresh, potable and pure without any salinity and turbidity.				
	5) The rates quoted for all items of the BOQ shall include the following specifications:-				
	i) All the works are to be carried out at all height and locations i.e. from foundation level, ground floor of the building upto the overhead water tank, roof slab or mumty roof slab as aplicable.				
	ii) Providing and fixing Mild steel double scaffolding system (cup and lock type)on the exterior side, up to any height(entire height) of the building structure made out of 40mm dia. M S Tubes 1.5m centre to centre, horizontal and vertical tubes joining with cup and lock system with M.S. tubes, m. S. Tube challies, M. S. clamps and M S Stair case system including the working platforms etc. and maintaining it in a servicable condition for the entire required duration as approved and directed by SBI/APMC and removing it there after.				
	iii) The scaffolding system shall be stiffened with bracing, runners connection with the building fascia etc. wherever required & including providing vertical supports which shall be sound and strong, tied toghther with horizontal steel /metal support pieces over which scaffolding planks shall be fixed properly & secured at required locations including the essential safety features for the workmen etc. complete as per direction and approval of SBI/APMC.Note:- Scaffolding shall not be removed without prior approval of SBI/APMC				
	iv) Providing and fixing temporary support arrangement such as steel props (upto any number whenever and wherever required as directed by SBI/APMC) to support the structure provisionally during the project duration for all trades of works etc., and maintaing the props in position till required and as directed by the consultant including other safety elements such as bracings steel angles,working platforms, plates etc., which shall be provided and considered in the quoted rates for the area in the vicinity in adequate numbers as directed.All trades or work indicated herein under shall include all leads& lifts & working upto any heights, depths, and levels.				

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	v) Providing and fixing safety net around the work so that loose plaster/ concrete does not cause damage to the property or any human beings, if necessary and removing the same after completion of work.				
	vi) Providing and covering entire external surface with Hessian cloth curtains throughout the duration of the project and carefully removing the same after completion of the work.				
	vii) Providing all types of PEE to the workforce such as safety shoes, safety helmets, reflective safety jackets, full body safety harness, goggles, gloves etc. complete for all types of workforce engaged on site for execution of the work.				
	viii) The quoted rate should include cost of nessary scaffolding, staging, centring and shuttering etc. as required for execution of the job at any height and location including removal of the same. The scaffolding should be erected and anchored into the concrete members with the help of expandable bolts, which are to be cut as the scaffolding is removed, no wall is to be punctured, at no extra cost to the bank.				
	ix) Rates shall be inclusive of all enabling works like tower cranes with all safety measures , arial lifts, man amd material lifts, Temporary lifts, scaffolding, Cup lock system, Labour camps, storages, godowns, all required permission from local governing respective authorities to carry out works, all insurances, all licenses, administration, all S.H.E. related measures, security watch and ward measures, barricades other than spcified, traffic management, tree protection, property damage repair, water, electricity, DG Set as per requirements, all tools, machineries, vehicals etc. complete.				
	x) All rates should be inclusive all loading, unloading, shifting, all leads, lifts, sorting, transportation, lobours, tools, plants, machinery, etc. complete.				
	xi) All the above mentioned points including the requisite elements and items as mentioned shall be considered included within the quoted rates of the line items of the BOQ and nothing extra would be paid on this account.				
	xii) Though locations of execution are mentioned for specific items, Contractor have to execute those all items at all required / necessary locations at no extra cost as per direction from SBI/APMC				
	CIVIL WORKS				
1	PLAIN CEMENT CONCRETE				
	Providing and laying PCC as required over refilled/ relayed and compacted cinder filling in toilet in 1:5:10 mix. (1 cement: 5 coarse sand: 10 stone aggregate) complete with neat cement coat on top etc. includig shuttering, curing etc. complete as per instructions of Architect/ Bank's Engineer.				
1.01	1:5:10 (1cement : 5coarse sand : 10graded stone aggregate 40mm nominal size) thickness upto 75 MM	Cum	7.00	6518.00	45,626.00

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2	4" BRICK WORK IN SUPERSTRUCTURE				
2.01	Providing and constructing half brick masonry of 110 mm thick with well burnt uniform size and colour locally available approved quality bricks of class designation 7.5 with minimum crushing strength not less than 75kg/cm ² in Cement Mortar 1:4 (1cement : 4 coarse sand) including providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry, required formwork all complete etc. in proper line, levels and plumb including raking out joints, curing, necessary scaffolding, etc. for all heights and levels above or below plinth, complete as per the approved drawing and as per instructions of Architect / Engineer.	Sqm	130.00	1250.00	1,62,500.00
3	CEMENT PLASTER				
3.01	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	Sqm	500.00	670.00	3,35,000.00
3.02	Providing and applying average 12-15mm thick cement plaster in a single coat in cement mortar 1:4 with fine sand to concrete or brick surface in all positions, heights & leads including providing fibre-mesh / chicken mesh at joints of brickwork and concrete and making good the chase cut for the purpose of electrification / plumbing, filling all gaps along the wooden door frames, Making moist the surface before plastering & curing the plaster surface for minimum 7 Days, scaffolding etc. complete as directed by the Architect / Engineer in charge.	Sqm	260.00	478.00	1,24,280.00
4	FLOORING / DADO				
4.01	The rates shall include additional cost for extra thickness of fixing material if required, for maintaining proper floor level and the cost of removing of all debris and disposing it away from the premises from all floors to Ground floor and stacking them on ground floor, cleaning the site, making good the damage if any etc. Item also includes covering of laid tiles and stones with 2 MM PVC sheets and POP and removing after completion of work, to the satisfaction of Bank's Authorised Representative.				
4.01	ANTI SKID MATT FINISH VITRIFIED TILE FLOOR				

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	Providing and laying Anti-Skid Matt finish Vitrified tiles- 600mm x 600mm of approved make and shade to proper slope, line, level with Cement Mortar 1:4 (1 Cement :4 Coarse Sand) bedding of required thickness to match FFL and neat cement float including filling the joints with white cement with approved pigment to match the colour of tile. Rate to include the cutting the tiles for floor traps,ducts and lids of electrical, computer and telephone wires and cleaning the same, curing etc.,complete in all aspects, as specified and directed by the Engineer/Architect (Basic Rate - Rs.500/- per Sqm without GST.) (Approved makes- Kajaria, Johnson, Somany, Nexion or equivalent)	Sqm	88.00	1050.00	92,400.00
4.02	GLAZED CERAMIC WALL TILE DADO				
	Providing and fixing 1st quality ceramic glazed wall tiles 1200X600mm conforming to IS: 15622 (thickness to be specified by the manufacturer) in two or more colours as per design (Kajaria eternity series or Johnson Rivestimenti Digital shade) or as approved by Engineer-in-Charge, in dado , skirting etc. over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with white cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade, necessary scaffolding, staging, curing etc. complete in all aspects, as specified and directed by the Engineer/Architect. (Basic Rate - Rs.700/- per Sqm without GST.) (Approved makes- Kajaria, Johnson, Somany, Nexion or equivalent)	Sqm	350.00	1500.00	5,25,000.00
4.03	VITRIFIED TILE FLOORING				
	Providing and laying Double Glazed with white base polished Vitrified tiles (thickness as per manufacturer's specs) with water absorption less than 0.08% and confirming to IS 15622 of approved make and shade to proper slope, line, level with Cement Mortar 1:4(1 Cement :4 Coarse Sand) bedding of required thickness to match FFL and neat cement float including filling the joints with white cement with approved pigment to match the colour of tile. Item also include providing 3-5 mm spacers as per the instructions of EIC/Architect. Rate to include the cutting the tiles for floor traps,ducts and lids of electrical, computer and telephone wires and cleaning the same, curing etc.,complete in all aspects, as specified and directed by the Engineer/Architect (Approved makes- Kajaria, Johnson, Somany, Nexion or equivalent)				
4.03.1	P/F Vitrified tiles as above size 600 x 600 mm rest same as above. (Basic Rate - Rs.500/- per Sqm without GST.)	Sqm	116.00	1170.00	1,35,720.00

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4.03.2	P/F Vitrified tiles as above size 600 x 1200/1200X1200mm mm rest same as above. (Basic Rate - Rs.700/- per Sqm without GST.)	Sqm	1393.00	1400.00	19,50,200.00
4.04	WASHBASIN COUNTER FINISHED WITH QUARTZ Providing and making counter 600mm wide, 550mm high and length as per site. All (Top, Sides & Front panel) made of 18mm thick one side laminated HDHMR board finished with 19-20mm thick QUARTZ as/design (base price Rs.400-425/ S.Ft.) in desired colour including mouldings./bevelled edges as per detail drawings on top and 1.25 mm thick laminate finish on all other exposed faces of HDHMR board all complete as per drawing, approval and instructions of the Engineer incharge / Architect. The Quartz to be fixed on counter tops and front facias (as required on site) of pantry or washbasin as per design. The item also includes polishing after finshing work to give polish finish, Complete upto the satifaction of Bank Engineer / Architects. The item also includes making necessary cutouts for plumbing, electrical and other sanitary fixtures. Approved Makes - Kalinga, Quantra, Haique as per selection by Architect. Note:- Top shall be measured for the purpose of payment.	Sqm	9.00	13500.00	1,21,500.00
4.05	ITALIAN MARBLE STONE DADO/SKIRTING Providing and fixing 18mm thick machine cut Itallion marble in 2 or more shades with 'V' groove joints as per design/ details on wall cladding fixed on 12 MM BWR PLY and 50 x 50 MM Aluminium frame at Back. Side edges to have double round moulding covering the stone and frame including pointing with white cement slurry admixed with pigment of matching shade, rubbing, curing, polishing, scaffolding, staging etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge.. The item also includes polishing the stone after finshing work to give mirror polish finish. 18 mm thick Italian Marble stone slab - Bottochino, Perlato, Rosso Verona, Fire Red or Dark Emperadore etc. (Basic Rate - Rs.5000/- per Sqm.)	Sqm	18.00	9000.00	1,62,000.00
4.06	ITALIAN MARBLE STONE FLOOR				

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	<p>Providing and laying 18-20 mm thick first quality Italian marble stone in 2 or more shades as per design/details and in patterns in combination of different colours, shades and finished surface texture etc., in linear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm, including pointing with white cement slurry admixed with pigment to match the marble shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.</p> <p>18 mm thick Italian Marble stone slab- Bottochino, Perlato, Rosso Verona, Fire Red or Dark Emperadore etc. (Basic Rate - Rs.4500/- per Sqm.)</p>	Sqm	66.00	8000.00	5,28,000.00
4.07	WOODEN FLOORING				
	<p>Providing and laying 12mm thick wooden Engineered flooring/ skirting of approved make and colour (OAK Cofee Bean, Pergo, Green Mikasa) with special sound reduction underlay and PE film as per manufacture specifications with the plank size of 1860mm x 148mm x 12 mm having joint guard protection system and patented EIR synchro surface finish, the plank should have glue less click insulation system arrangement, filling the joints with click guard joint sealing system for extra joint strength and moisture protection including accessories required all complete as per Architectural drawings, specifications and directions of EIC . (Base price - Rs. 350/sqft)</p> <p>(Approved Makes- GREEN Mikasa, Pergo, Sq Foot)</p>	Sqm	57.00	4000.00	2,28,000.00
5	WATERPROOFING				
5.01	Tapecrete water proofing				
	<p>Providing and laying waterproofing treatment in sunken portion/floors of WC's, Bathrooms and terraces etc by applying cement slurry mixed with water proofing cement compound (Dr.Fixit URP or equivalent) consisting of applying - (a) First layer of slurry of cement @0.488 kg/sqm mixed with water proofing cement compound @0.253 kg/sqm. This layer will be allowed to air cure for 4 hours (b) Second layer of slurry of cement 0.242 kg/sqm mixed with waterproofing cement compound@0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, cleaning the surface before treatment and sealing of all the joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p>	Sqm	95.00	650.00	61,750.00

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	Waterproofing Treatment (Sika/Dr. Fixit / Asian Paints to be carried out by approved water proofing expert and professionals agency only. Contractor has to submit a guarantee certificate of at least 10 years for water proofing works as per EIC/Architect.				
	PLUMBING & DRAINAGE				
	NOTE : - The rates given for all the items for all heights with scaffolding, shuttering and repair of civil works as required on site.				
6	Soil pipes				
	Providing and fixing UPVC soil pipes conforming to IS:1729 on walls including filling the joints with specialised jointing solutions and fixed with G.I. clamps embedded in cement concrete blocks 100x100x100 of 1:2:4 (1 cement :2 coarse san:4 stone aggregate) including cutting holes and making good the walls etc. item includes Providing and fixing PVC pipes specials such as door bend, horn bend, plain bend, cowls, sockets, door "T", 'Y' and 'T' junctions(both single and double etc. including fixing with cement jute admixture complete as directed(working pressure 4 kg / cm ²) Make- Astral, Finolex, Supreme or equivalent.				
6.01	For 110mm pipes	RMT	75.00	550.00	41,250.00
6.02	For 75 mm Pipes	R.Mt.	85.00	450.00	38,250.00
6.03	For 50 mm Pipes	R.Mt.	25.00	350.00	8,750.00
7	Providing and fixing UChlorinated 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 1.00m 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. (NOTE: Concealed work, including cutting chases and making good the walls etc.) Make- Astral, Finolex, Supreme or equivalent.				
7.01	15 mm nominal outer dia Pipes	R.Mt.	190.00	497.80	94,582.00

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7.02	25 mm nominal outer dia Pipes	R.Mt.	85.00	627.25	53,316.25
8	Providing and fixing PVC Nhani Floor trap of self cleansing design screwed down to hinged grating. This includes jointing of pipes & fittings with one step PVC 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. (NOTE: Concealed work, including cutting chases and making good the walls etc.) Make- Astral, Finolex, Supreme or equivalent.				
8.01	100 x 75 mm outlet	No.	16.00	850.00	13,600.00
8.02	100 x 100 mm outlet	No.	9.00	1000.00	9,000.00
9	SANITARY FITTINGS				
	Providing fixing and making operational the following fittings, complete including flex pipe etc necessary accessories and fittings. All complete as per drawing, approval and instructions of the Engineer incharge/Architect.				
9.01	Providing and fixing European type Wall Mounted WC with soft closing lid of Hindware Italian Collection- SPLENDOR NEO-92574 (P-23) for toilets or equivalent of Kohler, Jaquar, Cera as per the selection of Architect. Complete with C.P brass hinges and rubber buffers, with cistern/ pneumatic tank flushed in wall and with glossy chrome flush plate of Hindware Italian Series- CAT No.517444 with all fittings & C.I. / M.S. brackets, 40 mm flush bend, including painting of fittings, connection pipes and brackets, cutting and making good the walls and floors wherever required.	No.	15.00	21000.00	3,15,000.00
9.02	Providing and Fixing Over the Counter Wash basin for toilet with basin of Jaquar JDS-WHT-25909 Thin Rim Table Top Basin Size-495x395x150mm or equivalent design of Kohler, Hindware, Cera as per the selection of Architect . Complete with fixing on Vanity Counter (to be paid seperately) with Bottel trap and all waste couplings, connection pipes etc as per the instruction of Architect/ Engineer In Charge.	No.	17.00	7000.00	1,19,000.00
9.03	Providing and fixing vitreous china flat back type Urinal with in-built automatic flushing sensor Hindware Edge Senso-96015 or equivalent design of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard. Complete with C.P. brass pipe and clamps with bottel trap & waste fittings including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer.	No.	8.00	18000.00	1,44,000.00

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9.04	Providing and fixing stainless Steel Kitchen Sink with drain board (JAYNA Niralli, Neelkanth or equivalent) size 1040 X 510MM Glossy as per I.S. 13983 with C.I. brackets, waste jali, bottle trap etc. including painting of fittings and brackets, cutting and making good the walls and floors wherever required.	Nos.	1.00	9500.00	9,500.00
9.05	Providing and Fixing Tall Body Pillar Sensor of Jaquar SNR-35017PM Kubix Prime, Hindware Sensible Range-CAT No.: F240006/F240003 or equivalent design of Kohler, Cera as per the selection of Architect of approved model having same standard.	Nos	17.00	10000.00	1,70,000.00
9.06	Providing and fixing angle valve/ angular stop cock heavy duty of Hindware AGNESE Series- CAT No.-F640043 or equivalent of Kohler, Jaquar, Cera as per the selection of Architect of approved model having	Nos	18.00	1200.00	21,600.00
9.07	Providing and fixing Sink Cock with Normal Swivel Spout Wall Mounted of Hindware ASPIRO Series- CAT No.-F570023 or equivalent of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.	Nos	1.00	1500.00	1,500.00
9.08	Providing and fixing Toilet Paper Holder with Cover of Hindware CAT No-F880003 or equivalent design of Hindware, Jaquar, Cera	Nos	15.00	950.00	14,250.00
9.09	Hand dryer stainless steel Hand Dryer speed with hand dry time less then 20 sec. (Make- Euronics EH270N or equivalent of Jaquar,Hindware,Cera)	Nos	8.00	9600.00	76,800.00
9.10	Providing and fixing Single Towel Ring of Hindware CAT No-F890004 complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality.	EA	9.00	1450.00	13,050.00
9.11	Providing and fixnig liquid automatic soap dispenser of EURONICS ESO6N or equivalent of Jaquar,Hindware,Cera including fixing to the wall with CP brass screws, cutting walls and making good the same, complete upto the satisfaction of EIC/ Architect.	EA	9.00	950.00	8,550.00
9.12	Double hook for Robe Hook of Hindware CAT No.-F880004 or equivalent design of Euronics, Jaquar, Cera	Nos	2.00	700.00	1,400.00

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9.13	Providing and fixing toilet Circular/Oval Shaped Mirror on wall with 6mm glass mirror with bevelled edge fixed with S.S clamps and screws complete as per instruction of Architect/EIC.	Sqm	16.00	3500.00	56,000.00
9.14	Providing and fixing 2 in 1 Bib Cock of Hindware ASPIRO Series- CAT No.-F570005 or equivalent of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.	Sqm	15.00	1500.00	22,500.00
9.15	Providing and fixing Health Faucet with 1.2 m Flexible Tube of Hindware CAT No-F160191 complete with brackets fixed with CP brass fittings required with concealed arrangement of approved quality upto the satisfaction of Architect/EIC.	Sqm	15.00	1150.00	17,250.00
9.16	Providing and fixing concealed stop cock heavy duty of Hindware, Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.	Nos	10.00	1200.00	12,000.00
9.17	Providing and fixing square shape stainless steel grating of Hindware Italian Series -CAT No-F860058 Size 127mm x 127mm and of approved make and quality grade 18/8-304 on top of the floor trap. The rate includes the cost of all ancillary works and material required for the work. All complete as per drawing, approval and instructions of the Engineer incharge / Architect. (Make- Euronics, Jaquar,Hindware,Cera)	No.	25.00	450.00	11,250.00
10	DOORS AND WINDOWS				
10.01	Providing and fixing Door Frame Pre Laminated WPC Door including Frame of size 150mm x 62 mm for single pattam of size 32mm x 12mm of Density 850kg/m3 with 100% water proof and fire retardent, no bending and expansion and high screw holding capacity (2200N). fixing of door frame with the help of Hold fast of size 160x10 with polymer sleeve and covered by using pvc plug oo by same material using adhesive. Cost should be included of Fixing of hardware, dismantling and making it smooth finish. Rates include supporting RCC slab with scaffolding, ballies etc, if required, during making door opening or removing wall. Providing and fixing PRE LAM WPC DOOR of required size mentioned below of density 660kg/m3 of thickness 30mm of make or equivalent complete with screw etc. complete as per direction of Engineer in charge with 10 years warranty of set. (6 Nos. in One Set of Hold Fast along with primer and painted coat) (Alstone or equivalent as per selection by Architect/Engineer in Charge)				
10.01.1	Opening Size including frame-750mm x2100mm	Nos	4.00	18000.00	72,000.00

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10.01.2	Opening Size including frame- 900mm x2100mm	Nos	8.00	21000.00	1,68,000.00
10.02	Providing & fixing aluminium door, window, ventilator shutters etc. with frosted colour glass panes of 6.0 mm thickness with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge./ Architect.	Sqm	7.00	6000.00	42,000.00
10.03	Providing and fixing door closers (Haffle, EBCO, Hettich) brand and manufacture, complete as per the direction of Engineer-in-charge. In old doors wherever required.	Nos	18.00	2500.00	45,000.00
10.04	Providing and fixing Door Lock of size 16.5 x 5 x 6.5 CM Keyless Cylindrical Bathroom Lock Left or Right, Inside & Outside Doors, Stainless Steel Finish Lock in (Silver, Without Key) make or equivalent complete with screw etc. complete as per direction of Engineer in charge. Godrej or approved make/brand. (Make- EBCO, Dorset, Godrej)	Nos	12.00	900.00	10,800.00
10.05	TOILET CUBICLES				
	Providing and fixing Sturdo Classique versatile Toilet Cubicle of Greenlam or equivalent (including 600mm door) made of heat, bacteria, water, chemical, scratch, impact and anti bacterial resistant 12mm thick solid compact laminate panels (tested by Shriram Test House) of Suede finish includes doors, pilasters & intermediate panels finished with approved texture/shade as per the detail drawings & as per IS 2046 (Indian Standard) and as per fire retardant BS-476/97 standard. The product shall have Green Guard Certificate. Item includes providing and fixing in position necessary hardware made out of Stainless steel (Grade 304) & Aluminium powder coated top rail as per manufacturer's specifications & Architects instructions. (Make- Greenlam, Merino, HPL or equivalent)				

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	(1) SS Door Knob, (2) SS Gravity hinges, (3) SS Thumb turn lockset indicators, (4) Aluminium Powder Coated Top Rail, (5) SS Coat Hooks, (6) SS U-Channels, (7) SS Adjustable Foot, (8) Noise Deafening Tape etc. (9) Screws & wall Plugs. The top fitting shall consist of Aluminium Powder Coated top rail which will get fixed with Mid & End pilasters. All other hardware & screws shall be of stainless steel in 304 Grade with satin finish. Top rail is extruded Aluminium shall be powder coated or anodized (Grade 6063 Micro Aluminium). All pilasters are supported by stainless steel adjustable footing with non corrosive steel inserts.				
	Toilet Cubicle with dimension of 1955mm Height x 2260mm Width x 1500mm Depth, which includes 600mm door size width. (Two WC units are comprised in it requires only middle partition between both the Wc's and front Partition of specified width with two doors for each WC entrance)	Nos	6.00	32500.00	1,95,000.00
10	URINAL PRE-LAM PARTITIONS				
	Greenlam / Merino / T line or equivalent Sturdo Privy Divider Panel of 450mm x 1050mm for Urinals as per approval from Architect/EIC.	Nos	3.00	4200.00	12,600.00
	TOTAL FOR CIVIL WORKS				62,89,774.25
	INTERIOR FURNISHING WORKS				
1.00	FALSE CEILING				
	Notes:-				
i	The false ceiling design can be stepped/ curved/ architectural design, cove etc. However only board surface area shall be measured for the purpose of payment. Nothing extra shall be paid for design or curve.				
ii	Existing floor to slab height may vary on the site. Ceiling shall be hung from the existing slab through hangers. The quoted rate shall be applicable for all floor levels/ all floor height (approx. 4.5 metre floor to floor) including scaffolding etc.				
iii	The quoted rate of false ceiling items shall include 6 mm ply backing for supporting light fixtures in the false ceiling including making all necessary cut outs & frame work for electrical fixtures/ air conditioning work, coves etc.				
iv.	Measurement shall be taken of the plan area only. Suspending system and frame work shall match to compliment the layout of A.C. Ducts / grills, electrical / fire protection wiring / fixtures, Return Air grills etc. Rate to include provision of extra frame work needed due to layout refered above and fixtures etc. Rates to include necessary scaffolding.				
1.01	GYPSON FALSE CEILING				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Providing & fixing Gypsum Board False ceiling with Saint Gobain "ULTRA" Main ceiling sections at 1200 c/c & Cross members at 450 c/c. The grid work to be suspended from ceiling with Hangers at every 1200 c/c both directions. The Frame work to be as per manufacturer's specifications. False ceiling is finished with 12.5 mm thk. Active Air for (Saint gobain make) to be screwd to the frame. The board is finished with fillign the tapered edges of the board with jointing compound and finisheing with PAPER tape of INDIA GYPSUM. The ceiling is finished with a top coat as per approved manufacturer. The item includes all neccessary cut outs for electrical / air conditioning grills and necessary frame work for them. Item includes Cove and curve designs.	Sqm	1040.00	950.00	9,88,000.00
	Fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of Engineer in charge including cost of painting the false ceiling with two coats of acrylic emulsion paint over a coat of putty 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks) to be used. Only plan area will be considered in the measurement/billing no verticals/ patta patti will be paid upto 1'-0".				
	(Approved list of makes for section and sheets- Gyproc, Armstrong, USG Boral or equivalent				
1.02	ARMSTRONG MINERAL FIBRE SUSPENDEED FALSE CEILING				
i.	Providing and Fixing of Armstrong Mineral Fibre Accoustical Suspended ceiling system with FINE FISSURED (MICRO LOCK) EDGE TILES With Armstrong Silhouette Exposed Grid and having noise reduction properties laid on exposed grid system, main runners are spaced at 1200 mm centres securely fixed to the structure soffit with approved hangers at 1200 mm maximum centres. flush fitting 1200 mm crossed tees to be interlocked between main runners at 600 mm centres to form 1200 x 600 modules, 1200 mm cross tees shall be crimped.600 x 600 module to be formed by fixing 600 mm long flush fitting cross tees centrally between the 1200 cross tees. ceiling tiles of Duen Max in size 600 x 600 x 20 mm to be placed in the grid. Rate to include making necessary cut-outs or openings for light fixtures etc, complete as per the Instruction of ECI/ architect. (Approved list of makes for section and sheets- Armstrong, Alstone, Hunter douglus or equivalent)	Sqm	120.00	1400.00	1,68,000.00
ii.	Knauf/ARMSTRONG MINERAL FIBRE SUSPENDEED FALSE CEILING WITH LINEAR TILES- CEILING SOLUTIONS' DUNE MAX TEGULAR 15 BE EDGE TILES WITH KNAUF CEILING SOLUTIONS' SILHOUETTE 38 WITH 15MM EXPOSED GRID SYSTEM- TECHZONE SERIES				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	<p>Providing & Fixing of KCS Mineral Fibre Acoustical Suspended Ceiling System with Dune Max Tegular 15 BE Edge Tiles of 20mm thickness and KCS Silhouette 15mm exposed grid.</p> <p>The tiles shall have sand texture visual with acoustical punchers, Humidity Resistance (RH) of 99%, NRC 0.7 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 standard, CAC of 33db as per ASTM E1414, Light Reflectance ≥85% as per ASTM E-1477, Thermal Conductivity k = 0.052 - 0.057 W/mK, Colour Global White, Fire Performance of class 0/1 as per BS 476 Part 6/7 and Class A as per ASTM E84 with 20mm tegular 15 BE edge and 8mm drop in module size of 600 x 600mm. It shall be suitable for Green Building application, with Recycled content of up to 78%. The tile shall comply with Indoor Air Comfort Gold requirements, version 7.0 (2020) and this certification shall ensure compliance with LEED & DGNB, French VOC class A+, French HQE certification, German Regulation (AgBB/ABG), Italian CAM Edilizia, BREEAM International NOR NL, WELL Building, SKA Rating, BVB (Sweden), Eco Product Norway, Blue Angel DE-UZ 132, M1, Danish Indoor Climate Label, Singapore Green Label and GreenTag Australia. The tile shall have certifications from GRIHA and GreenPro thereby confirming that it is an environment friendly product.</p> <p>Properties of Tile :</p> <p>Base Material Mineral Fibre, Panel Dimensions 300 x1200 m (Nominal) 293 x 1193 mm (Actual)</p> <p>Panel Thickness-20 mm</p> <p>Panel Weight-5.16 kg/m2</p> <p>Recycled Content Up to 78%</p> <p>Noise Reduction Co-efficient-0.7</p>				
	<p>SUSPENSION: The tile shall be laid on KCS 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 OT bending capability.</p>	Sqm	435.00	2200.00	9,57,000.00
	(Make- Armstrong Techzone, Hunter Douglas or equivalent)				
1.03	GI Metal Ceiling				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Providing and fixing tiled false ceiling with GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop ; made of GI sheet electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights including staging, scaffolding etc. complete as per specifications, drawings and as directed by Engineer-in-charge.	Sqm	77.00	1,450.00	1,11,650.00
	(Approved makes- Armstrong, Durlum, Hunter Douglas or equivalent)				
1.04	PERFORATED METAL FALSE CEILING				
	Providing and fixing Perforated Metal Tiles panels (approx. size 300/600 x 1200 MM) false ceiling with same frame as above metal tiles powder coated as per selection by Architect in Required Finish as per design/drawing complete as per specifications, drawings and as directed by Engineer-in-charge / Architect.	Sqm	50.00	4,500.00	2,25,000.00
	Approved list of makes for section and sheets- USG Boral, Armstrong, Knauf or equivalent				
1.05	LINEAR VENEERED OPEN CEILING				
	Providing and fixing Armstrong Woodworks Linear Veneered Open ceiling having plank width 114 mm, thickness of 20 mm and length 2440 mm, made of a fire retardant particle board with real wood veneer. The plank should be of approved color and shade as per the Instruction of ECI/ architect. The Items also includes necessary accesories, suspension system, perimeter trims, etc.complete as per specifications, drawings and as directed by Engineer-in-charge / Architect.	Sqm	80.00	4,000.00	3,20,000.00
	(Make-Armstrong, Hunter Douglas, Bollard, Saint Gobain or equivalent)				
1.06	LINEAR BAFFLE CEILING SYSTEM				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	<p>Providing and fixing of BAFFLE Ceiling system of extruded aluminium sections of wood grain finish (red oak or cherry) or any other approved colour/ finish, consisting of 50 mm x 100 mm x 0.6 mm thick square edge baffles having a length upto 4 metre at a maximum spacing of 150 mm c/c , coil coated (chromatised for maximum bond between metal and paint, enamelled twice under high temperature, visible side with a full primer and finish coat, the inner side with a primer coating and skin coat on a continuous paint line) with corrosion resistant minimum alloy for higher strength including bolting the baffle on to a U10 top & bottom cover, fixing it on L-shaped galvanised steel angles, suspended by means of suspension angle and anchor fasteners at a centre to centre distance of 1200 mm, fixing the baffle in a module of 100-150 mm all complete as per drawings, specifications and directions of Architect/ EIC.</p> <p>(Approved makes- Armstrong, Durlum, Unistone, Hunter Douglas or equivalent)</p>	Sqm	45.00	4,000.00	1,80,000.00
1.07	WHITE STRETCH CEILING				
	<p>Providing and fixing printed/ plain white Stretch ceiling of Supply of Suspended LED stretch fabric Luminaire of dimension 1800mmX1800mm(±5%), with extruded aluminum housing delivering upto 3890lumen/sq m and it draws 55W/sq m maximum from standard 220- 240V AC supply. Fixture offers excellent light output, long source life, high CRI, and energy efficiency, in a beautiful, clean plane of light. Industry-best quality of 80+ CRI and color consistency within a 3-step MacAdam ellipse provides a glare-free direct view luminaire, and abundant, uniform daylight illumination evenly lit across the entire task surface. The diffuser shall be Special translucent stretch fabric having good resistance properties -Flame retardant, Anti-bacterial, Anti-Fungal and Anti-Static, Impermeable to Water and steam for uniform and optimum light distribution. Fixture should have IP20, CCT 4000k, PF ≥ 0.95, THD≤10%, CRI 80 and drive should have Surge Protection upto 2KV with electronic control gear. The LED Driver shall be easily available in India for repair and service. The luminaire shall be with following certifications: LM79 & LM80 issued by LED manufacture along with Photo Biological Safety Standard. specifications and directions of EIC.</p> <p>(Approved makes- EUROCIL, Wipro or equivalent)</p>	Sqm	13.00	17000.00	2,21,000.00
1.08	ACOUSTICAL BAFFLE/ SOUNDSCAPES BLADES CEILING				
	<p>Providing and fixing of Armstrong Soundscapes Blades ceiling having acoustical blades which are 40-50 mm thick, fibreglass fibre panels of Humidity Resistance RH 95%, with embedded frame made of aluminium extrusion of Colour , shape and finish. The form of Soundscapes shapes - shall be circle in standard Traffic White color with light reflectance 90% as per ASTM E84 Class A fire performance. The Items also includes necessary accessories, suspension system, perimeter trims, etc. all complete as per drawings, specifications and directions of Architect/ EIC.</p> <p>MAKE- HUNTER DOUGLASS, ARMSTRONG, SAINT GOBAIN, DURLUM</p>	Sqm	25.00	4500.00	1,12,500.00
1.09	MDF CNC CUT DESIGN CEILING				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Providing and fixing designer 12 MM MDF board false ceiling with circular flower design with CNC cut designs as per details, frame of false ceiling same as above for Modular false ceiling frame MDF is finished with duco paint in required finish and colour all complete as per the instruction of EIC/ Architect. (Approved makes of MDF- Green, Century, Action tesa or equivalent)	Sqm	20.00	2,500.00	50,000.00
1.10	TRAP DOORS				
	Providing & fixing readymade trap doors made of stable aluminium profile , galvanised steel connecting parts , 12.5mm thick moisture resistant gypsum board, 2 nos snap lock s and 1mm safety steel wire etc. all complete as per the instruction of EIC/ Architect.	Sqm	25.00	3,500	87,500.00
2.00	PARTITIONS / PANELLING				
	Measurement of height shall be taken from finished floor level up to the level of ceiling, in case of varying heights on either side of partition, average height shall considered. The rate include Provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings light etc. making provision for laying conduit; as per drawings & directions. All wood framework to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti termite.				
2.01	FULL HEIGHT PARTITION				
	Full Height Partition: Providing and fixing in position full height partition in framework of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm Aluminium Sections 1.5 mm thick (Vertical member to be in one piece) with minimum 7.5 mm thick High Density High Moisture Resistant (HDHMR) fibre board on both sides finished with 1 mm thick Decorative laminate (Suede & High Gloss) of approved make as per design including making 2-3 mm wide grooves in laminate finished with matching colour melamine polish/ sealant filler as/ Architect. Item to include 65 X 65 mm teakwood member for door frame and additional framework and teakwood beading/ SS brackets required for providing glazing. All exposed teakwood surfaces and the like to be finished in duco paint of matching laminate colour including all necessary fittings and SS hardware of make hettich/ hafele/ dorma. The rate to include provision of extra frame work as necessary for skirting and making cut-outs for electrical switches, switch boxes, conduiting, door/ glazing all complete as per drawings, specifications and directions of Architect/ EIC. (Approved makes for HDHMR- Action tesa, Greenpanel, century or equivalent). (Approved makes for Laminate- Merino, Greenlam, Century, New Mika or equivalent).	Sqm	275.00	3800.00	10,45,000.00
2.01.1	FULL HEIGHT PARTITION WITH VENEER and melamine polish				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Same as above difference of wall paneling for replacing 1 MM thk laminate with 4 mm Thk premium Veneer in selected colour or other design including melamine polish all complete as per drawings, specifications and directions of Architect/ EIC. (Base price of veneer - Rs. 1400 per Sqm) (Approved makes for Veneer- Merino, Greenlam, Century or equivalent).	Sqm	160.00	1,400.00	224000.00
2.02	FULL HEIGHT TOUGHENED GLASS PARTITION				
	Providing and erecting in position modular full height fully glazed partiton in silver or coloured Anodized Aluminium Modular Glass Partition using standard track sections of size 54 mm x 25 mm, profile of at top, bottom and sides as per manufacturer's specifications to comply with the standard partition suite design including single glazed 12 mm thick clear toughened glass of Saint Gobain/ Asahi or approved equivalent make to be fixed in the centre of the track section with sound insulation of minimum of 32-35 dB, glass to glass transperant polycarbonate filler and connectors, sealing of glazed partition panels (glasses) with silicone sealant on all sides, fixing designer decorative frosted film of approved make, shade & design on the glass, single door frame of size to allow upto 35 mm thick door of any type i.e. solid flush door or glazed door as per directions and upto any desired height, floor spring of approved make for the door, SS handle 600 mm long, standard assessories, necessary fittings, fixtures, hardware, glass bottom lock, flush hinges, cover profile, skirting, gaskets etc. as per manufacturers recommendations & standards, repair of floors if damaged during fixing of partition, door etc. all complete as per drawings, specifications and directions of EIC. (Make- Dorma, Saint Gobain, Ozone or equivalent)	Sqm	250.00	7000.00	17,50,000.00
2.03	TOUGHENED GLASS DOOR				
	Providing & fixing front frame less patch fitting Single/Double doors, modular sections as above for Glass partitions with 12mm thick toughened & etched/frosted film (As per Approved design) with frame less door glass fittings and floor spring top pivot and fittings for glass to glass connections , handles 600mm length (Dorma, Ozone, Hettich make) all complete as per drawings, specifications and directions of Architect/ EIC. (Make- Saint Gobain, Asahi or equivalent)	Sqm	55.00	9000.00	4,95,000.00
2.04	LOW HEIGHT PARTITION				
	Providing & fixing Low height Partition with same specifications as full height partition (ITEM NO. 2.01) as per design/ details, including all bends, height of partition to be 1220 with 38x95mm TEAK wood moulding on top and side edges of partition. with melamine matt polishing/ Duco paint including proper base etc. all complete as per drawings, specifications and directions of Architect/ EIC.	Sqm	40.00	3500.00	1,40,000.00
2.05	MDF CNC CUT JALI PARTITION				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Providing and fixing decorative exterior grade MDF CNC cut JALI partition as per design/ details, Partition to have 19 MM HDHMR / HDWR board box partition frame 150 MM thick all around Jali and base with 300 MM high finished with High gloss PU paint including base in golden/ silver colour etc. all complete as per drawings, specifications and directions of Architect/ EIC. (Approved makes of MDF- Green, Century, Action tesa or equivalent)	Sqm	15.00	4000.00	60,000.00
2.06	WALL PANELLING FINISHED WITH LAMINATE				
	Providing and fixing in position wall panelling in 600 X 600 mm grid (horizontally and vertically) comprising of 25 mm X 50 mm Aluminium Sections (1.5 mm thick) with minimum 7.5 mm thick High Density High Moisture Resistant (HDHMR) fibre board finished with 1 mm thick high gloss laminate of approved make including making 2-3 mm grooves in laminate finished with matching colour melamine polish/ sealant filler as/ Architect. The rate to include for provision of extra frame work as necessary for skirting and making cut-outs for electrical switches, switch boxes, conduiting, receiving A.C.'s etc. as per drawings. All exposed teakwood surfaces and the like to be finished in melamine polish of matching laminate colour complete as per drawings, specifications and directions of Architect/ EIC. (Approved makes for HDHMR- Action tesa, Greenpanel, century or equivalent). (Approved makes for Laminate- Merino, Greenlam, Century, New Mika or equivalent).	Sqm	550.00	2350.00	12,92,500.00
2.06.01	EXTRA FOR PROVIDING LACQUERED GLASS IN PLACE OF LAMINATE				
	Extra for Panelling/ Partition to be finished with 6 mm thick Laquered glass (Saint Gobain or approved make) in place of laminate with adhesive of approved brand and manufacture all complete as per the directions of Architect/ Bank's Engineer. (Make- Saint Gobain, Asahi or equivalent)	Sqm	15.00	4000.00	60,000.00
2.06.2	EXTRA FOR PROVIDING PREMIUM 1.25 MM LAMINATE				
	Same as above item no. 2.06 but difference of wall paneling for replacing 1 MM thk laminate with 1.25 mm Thick premium laminate in selected flute or other design all complete as per drawings, specifications and directions of Architect/ EIC. (Base price of 1.25mm laminate - Rs. 700 per Sqm) (Approved makes of Laminate- Skydecor, Newmika, Century or equivalent)	Sqm	135.00	500.00	67500.00
2.07	WOODEN BOX PANELLING				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Providing and fixing wooden box wall paneling on partition and/or on ceiling finished in 1 mm laminate , As per Design, and same specification as above for paneling, except depth to be 150-180mm approx. as per design/ detail, box to be made from Al Frame etc. all complete as per drawings, specifications and directions of Architect/ EIC.	Sqm	30.00	2600.00	78,000.00
2.08	CHARCOAL FLUTE PANELLING				
	Providing and fixing panelling with frame same as above (item no. 2.06), but finished with 8-10 mm thk Ventura/ Euro Prateek or equivalent (Decorative Charcoal board base price approx. 150-175/ S.Ft without tax) panelling on wall fixed with headless steel screws upto all heights, etc. all complete as per drawings, specifications and directions of Architect/ EIC.	Sqm	30.00	3500.00	1,05,000.00
2.09	WALL PANELLING FINISHED WITH 12MM THICK 3D PANELS				
	Providing and fixing panelling with frame same as above (item no. 2.06), but finished with 12 mm thk 3 D panels of FRIKLY (Base rate 250-300/ S.Ft without tax) panelling on wall fixed with headless steel screws upto all heights etc. all complete as per drawings, specifications and directions of Architect/ EIC. Approved make- Frikly, GLO Panels or equivalent.	Sqm	20.00	4500.00	90,000.00
2.10	ACOUSTIC WALL PANELLING				
	Acoustical Wall Panel with square edges made of fibre glass substrate 25mm thick, wrapped on the front side with an acoustically transparent fabric as per the approved shade (Husk, Copper, Sangria, Sesame, Coffee, Charcoal, Titanium, Flame, Peanut and Shell). The panel shall be classified for Fire Class A, as per ASTM E-84. The Acoustical Wall Panel shall be of sizes 600x600mm (Nominal) or 600x1200mm (Nominal) and shall achieve an NRC of 0.85 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) with 50mm airgap as per ASTM C423 to be fixed to wall on a framework of wooden battens and using Wall panel Impalers (supplied by the manufacturer) or by using construction adhesives (as per the instructions laid down by the manufacturer). The fibre glass substrate shall have a recycle content of 85%. size 600 x 600/1200MM. Approved make- Armstrong, Saint Gobain or equivalent.	Sqm	15.00	4000.00	60,000.00
2.11	PET POLYESTER ACOUSTIC PANELS				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	<p>Providing and fixing Decorative (Grooved, engraved) acoustic panels any size and shape in approved color with Standard size & thickness of 12mm. PNV acoustic Panels should have Sound Absorption coefficient (NRC) (0.4-0.7).Formaldehyde emission standards of GB18580- 2001 class E1, it is a green material with asbestos free, non-toxic and tasteless gas under extreme temperature, protecting the ozone layer, non irritant and recyclable. acoustic panels have to be Fire-resistant. Good insulation properties, to prevent transmitting the heat from outdoor to indoor directly as partition or and ceiling, . acoustic panels are Light weight and allow free cutting with paper knife. Sample to be submitted from all the approved make or equivalent for approval of engineer in charge prior to the installation. MTC to be submitted with the delivery of material.</p> <p>Approved make- Saint Gobain, Ecophon, Uniaoustic or equivalent.</p>	Sqm	15.00	2500.00	37,500.00
2.12	METALLIC STRIP IN PANELLING GROOVES				
	<p>Providing and inserting 20-25 MM T shape mirror or Gold colour inserts in paneling grooves as per design/ details, complete with all finishing.</p> <p>Approved make- Ventura, Euro Costic or equivalent.</p>	Rmt	125.00	250.00	31,250.00
2.13	PANELLING WITH CNC CUT CORIAN JALI				
	<p>Providing and fixing paneling with 6 MM Acrylic finish Corian CNC cut Jali as per design on 12 MM thick MDF base over a frame of Al. tubes 50 x 50 MM thick fixed to wall with proper screws and fixing material as per design in curve shape and instruction of Architect/ Bank Engg.</p> <p>Approved make of Corian- Samsung, Merino, Du-pont or equivalent.</p>	Sqm	4	12000.00	48,000.00
2.14	ISOATED FLUSH DOOR SHUTTERS (PARTLY GLAZED) WITH FRAME				
	<p>Providing and fixing 4"x2" Teak wood member for frame and Flush door shutter made out of 35 mm thick flush door with 8 mm thick clear thougened glass vision panel secured with 12 mm thick TW beading, 31x 12 mm thick TW periphery patti around shutter edges, 1 mm thick laminate on both sides, 35x12mm thick steam beach stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, Approved make Dead Lock, S.S Handles,150 mm long Door stoppers, doorstop of approved make etc. all exposed surface /edges not laminated be provided with Melamine polish etc. all complete as per drawings, specifications and directions of Architect/ EIC.</p> <p>Approved make- Green, century, Archid or equivalent.</p>	Sqm	25.00	7500.00	187500.00
2.15	FIRE DOORS				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Providing and fixing of Single/ Double leaf hollow metal un-insulated fire rated doors as per IS 3614:2021, for 120 min integrity only. The door should be made out of Pressed glavanised steel sheet confirming to IS 277. The fire door should carry earlier test evidence as per IS/ISO 3008-1 . It must have successfully tested from CBRI , Roorkee / International / NABL accredited lab which operates in accordance with ISO/IEC 17025 for testing.				
	Door and frame should be finished with powder coating in standard RAL shade finish having DFT of minimum 30 microns. The door should carry a minimum 500 Hrs of salt spray test. All accsesories like hardware, vision panel, fire seal etc to be supplied by Fire door manufacturer only as per the guidelines laid down in IS 3614:2021. Every door must carry a label confirming to type of door & its fire rating.				
	The Door frame shall be single rebate grooved profile of size minimum 100mm x 57mm made out of 1.20mm (18gauge) minimum thick galvanized steel sheet. Frames shall be butt joint and field assembeled with bolting system. Frames to have inbuild grooved to accomodate Intumuscent fie seal strip . The frame should also be provided with EPDM seal to limit the spread of smoke vide clause no. 7.2.6 of IS code. All provisions should be mortised & provided with necessary inbuilt reinforcement to receieve appropriate hardware. Frames should be provided with back plate bracket for anchor fastner for installation of frame in finished plastered masonary wall opening.				
	Door leaf should be minimum 46mm thick fully flush double skin door. Door leaf must be manufactured from 1.2mm(18gauge) thick galvanised steel sheet. The infill material shall be propriatery insulation. All doors shall be factory prepped for receiving appropriate hardware and provided with necessary reinforcement for hinges, locks, and door closers. The edges should be interlocked with a bending radius of 1.4mm. For double leaf doors integrated astragals has to be provided on the meeting stile for both active and inactive leaf. Vision lite wherever applicable should be provided for minimum 5mm thick single layered clear fire rated glass panes as per guidelines laid down under IS 3614 2021 vide clause no. 7.2.7 table no. 2 with a clipon arrangement. Every Glass pane must carry a permanent marking of its glass manufacturer.				
	COMMON HARDWARE FOR DOORS OF ALL LOCATIONS				
	Supply & fixing of SS Ball Bearing Hinges of size 100 x 75 x 3mm complete with SS Screws of BB1953 Becker Fire Solutions / DORMA 3090F / GEZE Make (4 Nos per panel)				
	Supply & fixing of anchor fastners of HILTI/ FISHER/ Equivalent of M10X80mm length.				
	Supply & fixing of Door Closers BLC-604 EN 2-4 of Becker Fire Solutions/ TS-89 DORMA / GEZE TS 2000 Series Make.				
	Supply & fixing of Stainless Flush Bolt 600mm Long for Double leaf door of height upto 2400mm of Becker Fire Solutions / Dorma/GEZE make with necessary screws as required.				
	Supply and Filling the gap between wall & Door frame by using silicone sealant and Wool insulaion on both side of the door.				
	Supply & fixing of Mortise Dead Lock DL7260K Becker Fire Solutions / 288A DORMA / GEZE Make with 70mm long Euro Profile Cylinder 70mm Long with Both Side key Operation				
	Supply & fixing of SS D Type SS Pull Handle B2B of size 300mm mm Long of PHD2230 Becker Fire Solutions/ TGD130022 DORMA / GEZE Make.				
	Size of door - 2100 x 1000/ 1100 MM (Approx.)				

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S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	MAKE- NAVAIR, shakti harmann or equivalent	NO	3.00	60000.00	1,80,000.00
2.16	CARPET FLOORING				
	Providing Carpet Tiles 610 mm x 610mm having 814 GSM Pile Weight / 24 Oz and Density of 5000 + , Carpet tile Printed Nylon type-6 + PET Yarn construction face carpet tile with fiber glass PVC backing. Pile Height is 4 mm and time height is 6-7 mm The rate shall be inclusive for Comfolene, GermiShield, Markproof, ActiBack, Stainarmour, Nurturefeet, Microbefresh, moist proof and the likes . Item includes levelling of floor and also providing an foam underlay of 3-4 MM thickness better acoustic insulation properly pasted to subfloor Carpet tiles shall be complied with Flammability Test ASTM E648 , Methenamine Pill Test ASTM D2859, Smoke Density Test ASTM E662, Appearance Retention Hexapod test ASTM D5252. The laying work should be carried out by the authorized installer of the Company in India. Manufactures should have LEED Gold Rating Certificate. Made in India with 10 Year Warranty. All certificates are to be provided before the release or award of contract.				
	Board Room, Meeting Rooms, carpet tiles Base rate of carpet- 2500/Sqm	Sqm	140.00	3000.00	4,20,000.00
	MAKES- WELSPUN, SHAW, INTERFACE, MILLIKEN				
2.17	UPS ROOM PARTITIONS WITH DOOR				
	Providing and fixing aluminium frame of 65mm x 38mm x 1.5 mm thick and 8 MM Bison board both sides with laminate finish and door shutter made out of 50x25x1.5mm thick Aluminum framing at maximum 1'-6" C/C both way with 8 mm thick Bison Board and laminate finish on both side with laminate. Providing 6 mm thick clear float glass vision panel secured with 12 mm thick steam beach beading, 31x 12 mm thick steam beach periphery patti around shutter edges, aluminium stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, Aprroved make Lock, SS Handles, Door stoppers, doorstop of approved make etc. complete as per drawing & instructions.	Sqm	10.00	4000.00	40000.00
3.00	FURNITURE (On site custom made)				
	All Tables/ counters/work stations to have 25mm HDHMR / HDWR top Finish with 1.0 mm thk. laminate(Decoratve). The sides, modesty of the table to have one side pre-laminated 19 mm HDHMR/ HDWR + 1.0 mm thk. laminate on all exposed surfaces. Item includes one drawer unit with two smaller and one bigger drawers that are made from 12 mm HDHMR/HDWR with 18mm HDHMR / HDWR board FASCIA . One Footrest made from 75x50mm teakwood member to be fixed for each table, the rate to include drawer pedestal 450 wide as per design/ details with 3 drawers finished with laminate from outside and inside running on telescopic channels and fixing and fitting of all hardware to be Hettich or equivalent make such as drawer channels, S.S handles, locks, wire manager a tray for key-board, readymade CPU trolly (as required) with castors etc. complete. (Approved makes for HDHMR- Action tesa, Greenpanel, century or equivalent). (Approved makes for Laminate- Merino, Greenlam, Century, New Mika or equivalent). (Approved makes for hardware fittings- Haffele, Hettich, Ebco or equivalent).				

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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
3.01	DGM TABLE				
	Providing and fixing Table for DGM size 2400 x 1050 x750 MM HT along with side storage 1200 x 450 x 750 MM HT, Table with same main specifications above and with Modesty panels drawer unit complete, side unit to have storage shutters and shelf made of 19 MM thick HDHMR / HDWR board and laminate finish complete with lock etc. Item also include 6 MM colour Laquered glass fixed on modesty all complete as per drawings, specifications and directions of Architect/ EIC.	Nos.	1.00	75000.00	75,000.00
3.02	AGM TABLE				
	Providing and fixing Table for AGM size 2100 x 900 x750 MM HT along with side storage 1050 x 450 x 750 MM HT, Table with same main specifications above and with Modesty panels drawer unit complete, side unit to have storage shutters and shelf made of 19 MM thick HDHMR / HDWR board and laminate finish complete with lock etc. Item also include 6 MM colour Laquered glass fixed on modesty all complete as per drawings, specifications and directions of Architect/ EIC.	Nos.	7.00	46000.00	3,22,000.00
3.03	CONFERENCE ROOM TABLE				
	Providing and erecting in position Board Room Table (V shaped/rectangular/ elliptical/ curved/ curvilinear) to be made out of 25 mm thick HDHMR board top and frame, Top finished with 12MM Solid Acrylic surface (Corian) , edges to be finished with 75 x 50 mm Tapered Edge Teak wood moulding covered with corian in shape all around, and on modesty sides with approved 3.5-4 mm thick high end veneer (Burl/ Raccoon Veneer finish) and approved polycoat (PU) polish, top supported on 50 x 50 teak wood frame all around including bracings at a regular interval of minimum 900 mm centres and 6 mm ply at bottom, Table to be erected on a central core support of 18mm thick HDHMR / HDWR modesty box, to be finished with approved 3.5 mm thick veneer with PU polish inclusive of necessary cut outs, provisions for video/ teleconferencing, providing and fixing in position cable & wire managers as pop-up managers / cable cubby in desired number, necessary hardware, cabling arrangements for vide/ tele conferencing, openings/ cut outs for speakers etc. all complete as per the drawings, specifications and directions of EIC. (Top plan surface area will be measured for payment) (Base price of veneer ply 150/ Sft & Acrylic solid surface 600/ SFT)	Sqm	16.00	30000.00	4,80,000.00
3.04	MEETING ROOM TABLE				
	Providing and Supplying Round/elliptical Meeting table with vertical box cylinder type central core support drum in different levels as per design/details with 6mm + 6mm thk flexible HDHMR / HDWR board for the entire support section including wider round drum support protruding upto 9"-12" from the main central cylinder all around at the base and other levels, to be finished with 1 MM decorative lamainte, including t.w. moulding on edges as per the design at various levels. The top of the table to have 25 MM HDHMR / HDWR board with lamainate etc all complete as per drawings, specifications and directions of Architect/ EIC.				

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	The rate shall be inclusive of necessary cut outs & providing cable & wire managers as pop-up managers / cable cubby, in desired number as per instructions and directions, necessary hardware, provisions for all the necessary hardware, fittings, fixtures etc, to the complete satisfaction of the Bank/Architect .	Sqm	20.00	22000.00	4,40,000.00
3.05	MEETING ROOM TABLE				
	Providing Table of size 3' DIA/ traingle as per design with above specifications for base but top to be with 18 MM HDHMR / HDWR board and laminate finish and top with additional 12 MM toughened bevelled edge frosted glass, all complete as per drawings, specifications and directions of Architect/ EIC.	Nos.	3	25000.00	75,000.00
3.06	CENTRE TABLES				
	Center tables rectangular/ round with 19 MM HDHMR / HDWR board covered with 1 mm laminate as per design/details. Complete with polish on wooden surfaces. Size 1000 x 600 x 450 MM as per drawings, specifications and directions of Architect/ EIC.	Nos.	12.00	10500.00	1,26,000.00
3.07	CORNER TABLES				
	Corner tables for rooms with 19 MM HDHMR / HDWR board covered with 1 mm laminate finish as per design/details. Complete with polish. Size 600 x 600 x 450 MM as per drawings, specifications and directions of Architect/ EIC.	Nos.	10.00	7000.00	70,000.00
4.00	MODULAR READY MADE FURNITURE				
	The readymade furniture shall have these Certifications - ISO 9001 - 2015 ,14001- 2015 ,45001-2018 , BIS and BIFMA Complaint member , BIFMA GOLD , Green Guard product specific certificate issued by UL Environment with minimum 10 years Warranty.				
	MAKE FOR ALL MODULAR FURNITURE - HNI INDIA, Hayworth, Hermann Miller, Godrej or equivalent as approved by Architect/EIC.				
4.01	MODULAR 120 DEGREE WORKSTATIONS				

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S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Supply and Installation of workstations of sizes as specified below with 120 degree Desk Based System of Height 1050/1200 mm. The Legs are made of 50mm x 50mm Sections of Steel duly powder coated. The Understructure has CRCA Steel Powder coated with separate raceway. Raceway is trapizium shaped ,110mm Height and 80-170mm Wide and runs along the entire Length of the Worktop. The slots for switches and Sockets are provided on Raceway cover as per the use requirement. The raceway cover is also CRCA Steel Powder coated. Steel Powder coated Cross Beams are running under each Worktop. Cross Beam has Dimension 50mm Ht x 25mm W . The workstations have 18mm MDF Fabric/MGP Screen to the worktop. The height of Privacy Panel is 300mm above worktop. All steel parts shall be pretreated for seven stage anti-corrosion treatment followed by epoxy powder coating. The thickness of the powder coating for all the steel and aluminium parts shall be minimum 45microns. The worktop shall be made of 25mm thick Prelaminated Particleboard. The Worktops should have metal inserts on underside for modularity. The screw used should be blunt headed and not sharp headed for metal to metal coupling . All exposed/unexposed edges shall be finished with hot melt PVC edge banding of 2mm thickness on working edge and 0.8mm on non working edges. Each workstation shall be provided with a wire manager cutout of 65-70mm diameter .Worktops shall be provided with necessary prefixed M6 metallic inserts for fixing the brackets to the worktops for metal to metal coupling for complete modularity as per drawings, specifications and directions of Architect/ EIC.	Nos.	100.00	36000.00	36,00,000.00
4.02	MODULAR L-SHAPED WORKSTATIONS				
4.02.1	Supply and Installation of L Shaped Work stations of size 1500 x 1500 x 600 MM x 750 HT. with same specifications as above complete with all fittings and fixtures. WS to be fixed with including modular partitions with proper S.S supports all complete as per drawings, specifications and directions of Architect/ EIC.	Nos.	8.00	38000.00	3,04,000.00
4.02.2	Supply and Installation of L Shaped Work stations of size 1200 x 1200 x 600 MM x 750 HT. with same specifications as above (except front modesty) complete with all fittings and fixtures. WS to be fixed with including modular partitions with proper S.S supports all complete as per drawings, specifications and directions of Architect/ EIC.	Nos.	4.00	36000.00	1,44,000.00
4.03	MODULAR LINEAR WORKSTATIONS				
	Providing and fixing linear Work stations of size 1200 x 600 MM x 750 HT. with same specifications as above (except front modesty) complete with all fittings and fixtures. WS to be fixed with partitions with proper S.S supports all complete as per drawings, specifications and directions of Architect/ EIC.	Nos.	23.00	18000.00	4,14,000.00
4.04	CM CUBICAL Main Table :-W1650xD750xH750mm With Side Table :-W900xD450xH750mm				

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	<p>Main Table completely made up of prelaminated particle board conforming to IS : 12823 Interior Grade with PVC edge banding. The Worktop is made of 25mm thick Prelaminated particle board with 2 mm thick PVC Lipping on the edges. The worktop is supported on U Shape Metal Legs 50mm x 50mm , powder coated understructure with Laminate Modesty panel. The Metal legs are connected by Metal Beams for stability and . The Table tops should have metal inserts on underside for modularity. The screw used should be blunt headed and not sharp headed for metal to metal coupling . Colour as per direction of Engineer in Charge. Storage body is made of 18mm thick pre laminated partical Board conforming to IS : All the exposed edges are with 2mm PVC egde Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. The top, side and hinged shutters are sealed with 2mm thick PVC edge banding.Storage has adjustable shelves inside and cam lock, tower bolt and locking strips. Side Storage body is made of 18mm thick pre laminated partical Board conforming to IS : 12823. The back of the unit is made from 18mm prelaminated board. All the exposed edges are with 2mm PVC egde Imported banding & sealed edges are with 0.8mm thick PVC Imported edge banding. The top, side and hinged shutters are sealed with 2mm thick PVC edge banding.Storage has adjustable shelves inside and cam lock, tower bolt and locking strips. The units are assembled by knock down fittings such as Minifix & Dowels. Partition Frame is 50 mm thick and made of vertical Aluminium Extrusions of 1.9 mm to 2mm thickness. Horizontal Member of frame are CRCA 0.8mm Thick. The System is complete hollow system with space for wire reticulation . All the frames will be duly powder coated . All the frames are fastened together by means of M6 NUTS & BOLTS . All the frames are fitted with M10 leveling bolts.board.Raceway :-The raceway cover are sliding type and are integrally fitting inside frame and are made out of 0.8mm - 1mm thick CRCA steel & powder coated.The electrical raceway can be provided below worktop or above worktop.The partition has integrated raceway provided one at skirting level thereby making 2 Raceways. Corner and End Post are made of 1.6mm Thick Aluminium Extrusion , Vertical Trims are made of 1.3mm Thick Aluminium and Horizontal Trims are made of 1.1mm thick Aluminium and are duly powder coated. The free space available within raceway accommodates power, data and communication cables. The cable can be taken into the Frame from the floor from the bottom. Tiles: Fabric Tile , Laminate Tile, Steel Tile, Magnetic tile, Pin up tile , Whiteboard marker tiles.</p> <p>The assembly shall be all complete as per above and as per drawings, specifications and directions of Architect/ EIC.</p>	Nos.	17.00	28000.00	4,76,000.00
4.05	PEDESTAL UNITS				
	<p>P/S Laminated pedestal unit having Dimension 400mm W x 450mm D x 621Ht , 2 drawers and one filing box. It is made of 18mm prelaminated particle board . It shall be provided with 2 lockable and two free twin wheeled castors. The pedestals shall have central locking mechanism. It has roller slide mechanism for 2 Drawers and Ball bearing slide for 1 Filing Unit.The pencil tray shall be made of 2mm moulded HIPS and shall be fitted inside the first drawer. It should freely slide in horizontal direction. The pencil tray shall have necessary compartments (Miniumum 3 compartments) for keeping stationary items. Pedestal is without handle and shall have side champhered edges for operating. The assembly shall be all complete as per above and as per drawings, specifications and directions of Architect/ EIC.</p>	No.	152.00	8000.00	12,16,000.00

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S No	Description	Units	Quantity	Rate	Amount (excluding GST)
4.06	<p>Providing and placing HNI make "Connect 50" 1050 / 1200mm Ht free standing partitions. Frame is 50 mm thick and made of Aluminium Extrusions of 1.2 mm to 1.5mm thickness. The System is complete hollow system with space for wire reticulation . All the frames will be duly powder coated . All the frames are fastened together by means of M6 NUTS & BOLTS . All the frames are fitted with M10 leveling bolts.board.Raceway :-The raceway cover are sliding type and are integrally fitting inside frame and are made out of 0.8mm - 1mm thick CRCA steel & powder coated. The electrical raceway can be provided below worktop or above worktop.The partition has two integrated raceway provided one at skirting level and another at the work surface level thus ensuring separation of power and networking cables. The free space available within raceway accommodates power, data and communication cables. The cable can be taken into the Frame from the floor from the bottom. Tiles: Fabric Tile: Constructed out of 5mm thick Medium Density Fiber Board (MDF) and covered with Fabric of choice. Laminate Tile: Made out of 5mm - 8mm thick Pre-laminated Medium Density Fiber Board (MDF) . Bottom Row of Steel Tile: Constructed out of 0.8mm CRCA sheet and finished in epoxy powder coating. Can be given with plain / perforations / embossed finishes.Magnetic tile: Constructed out of 0.8mm Galvanized sheet and covered with fabric of choice. Whiteboard marker tiles: Made out of 4mm MDF with 1mm glossy highly wear resistant face laminate . Total thickness is 5mm . Certifications - ISO 9001 - 2015 ,14001- 2015 ,45001-2018 , BIS and BIFMA Complaint member , BIFMA GOLD , Green Guard product specific certificate issued by UL Environment .</p>	M2	46.00	12500.00	5,75,000.00
5.00	STORAGE CUPBOARDS				
5.01	<p>Providing and fixing low height storage (upto 750 mm high) and 450 mm deep (overall) as shown in details/ drawing with all sides, Shutters & top to be made with 18 mm HDHMR board finished with 1 mm thick high gloss laminate of approved make & shade as per list of approved make on all outside surfaces (except back and bottom which shall be painted with enamel paint). Shelves to be made with 18 mm HDHMR fibre board, placed at 300 mm (approx.) C/C and 7.5 mm thick High Density High Moisture Resistant (HDHMR) fibre board to be fixed at the back. The sides/ bottom of the drawer shall be made out of minimum 11.2 mm thick High Density High Moisture Resistant (HDHMR) fibre board, All inside surface to be finished with 0.8 mm laminate as/approval and All edges to be finished with 0.8 mm thick PVC edge banding. all complete including Locks, magnetic catchers, self closing hinges of Hettich/ Hafele/Ebco/ Dorma/ Ozone or as per list of approved make. Item to include providing & fixing Aluminium PROFILE HANDLES (as/approval) of make Inox/ hettich/ hafele to be used instead of handle all complete as per drawing, specification and direction of Architect/ Bank.</p> <p>(Approved makes for HDHMR- Action tesa, Greenpanel, century or equivalent). (Approved makes for Laminate- Merino, Greenlam, Century, New Mika or equivalent). (Approved makes for hardware fittings- Hafele, Hettich, Ebco or equivalent).</p>	M2	140.00	8500.00	11,90,000.00
5.02	LOW HEIGHT STORAGES WITH CORIAN TOP				

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	Same as above but top to be finished with 6mm thick Corian/Acrylic surface with edge mouldings complete finish Approved make of Corian- Samsung, Merino, Du-pont or equivalent.	Sqm	15.00	10000.00	1,50,000.00
5.03	LOW HEIGHT STORAGES WITH PLANTER TOP				
	LOW HEIGHT STORAGE 1200 MM High - same as above but with 300 MM planter box above 900 MM storage, Planter box inside is with GI trough complete, rest storage finished as above.	Sqm	13.00	8500.00	1,10,500.00
5.04	FULL HEIGHT STORAGE				
	Providing and fixing full height storage (upto 2400 mm high) and 450 mm deep (overall) as shown in details/ drawing with all sides, Shutters & top to be made with 18 mm HDHMR fibre board finished with 1 mm thick high gloss laminate of approved make & shade as per list of approved make on all outside surfaces (except back and bottom which shall be painted with enamel paint). Shelves to be made with 18 mm HDHMR fibre board, placed at 300 mm (approx.) C/C and 7.5 mm thick High Density High Moisture Resistant (HDHMR) fibre board to be fixed at the back. The sides/ bottom of the drawer shall be made out of minimum 11.2 mm thick High Density High Moisture Resistant (HDHMR) fibre board, All inside surface to be finished with 0.8 mm laminate as/approval and All edges to be finished with 0.8 mm thick PVC edge banding. all complete including Locks, magnetic catchers, self closing hinges of Hettich/ Hafele/Ebco/ Dorma/ Ozone or as per list of approved make. Item to include providing & fixing Aluminium PROFILE HANDLES (as/approval) of make Inox/ hettich/ hafele to be used instead of handle all complete as per drawing, specification and direction of Architect/ Bank. Only front elevation to be considered for area calculation. Item shall be modular/ factory made customised as per actual on-site measurements. (Approved makes for HDHMR- Action tesa, Greenpanel, century or equivalent). (Approved makes for Laminate- Merino, Greenlam, Century, New Mika or equivalent). (Approved makes for hardware fittings- Hafele, Hettich, Ebco or equivalent).	Sqm	60.00	7500.00	4,50,000.00
5.05	WOODEN CUPBOARD FOR ELECTRICAL PANEL				
	Providing and fixing 400-450 MM deep wooden storage for Electrical panel/ DB with 18 MM HDHMR frame covered with 4 MM Bison board from inside and external 1 MM laminate as per design. Shutters made with Teak wood Frame and louvered panels fixed with S.S hinges complete with all hardware lock, etc. (Approved makes for HDHMR- Action tesa, Greenpanel, century or equivalent). (Approved makes for Laminate- Merino, Greenlam, Century, New Mika or equivalent). (Approved makes for hardware fittings- Hafele, Hettich, Ebco or equivalent).	Sqm	20.00	6500.00	1,30,000.00
6.00	PAINTING				
6.01	INTERIOR EMULSION PAINT				

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	Providing and applying 2 or more coats of water based 100% Acrylic premium emulsion paint interior grade of Asian, Dulux, Berger or equivalent approved make and shade having zero VOC & UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives to concrete and plastered surfaces,ceilings, etc., with roller finish including preparing surfaces ,applying 01 or more coats of putty of required thickness over plastered surface & applying primer including scaffolding, etc. after thoroughly brushing the surface to remove all the dirt and all loose powder free from mortar dropping and other foreign material and sand paper smooth etc, at all heights and locations complete in all respects and as per instructions of Architect/Engineer. (Approved makes- Asian paints, Nerolac, Birla Opus, Dulux or equivalent)	Sqm	550.00	180.00	99,000.00
6.02	SYNTHETIC ENAMEL PAINT				
	Providing and applying two or more coats of synthetic enamel paint of approved shade on surfaces of approved shade of Asian paints / ICI make, as per the manufacturer's specifications to give a smooth surface including scrapping and removing existing paint and preparing the surface with putty etc. and providing priming coat etc. complete in all respect as specified and as directed by the Architect / Engineer-in-charge. The rates are inclusive of scaffolding staging etc. for any height and for plane as well as for architectural surface. All complete as per approval and instructions of the Architect / Engineer-in- charge. (Approved makes- Asian paints, Nerolac , Berger, Dulux or equivalent)	Sqm	350.00	160.00	56,000.00
6.03	TEXTURED PAINT				
	Providing and applying Textured surface coating on walls of approved shade & texture in two or more shades with roller & spray (Basic rate Rs. 800/- per Sq.m) . The rates are inclusive of scaffolding staging etc. for any height and for plane as well as for architectural surface. All complete as per approval and instructions of the Architect / Engineer-in-charge. Make- Oikos, Acro or equivalent	Sqm	150.00	1100.00	1,65,000.00
6.04	POP PUNNING				
	Providing & applying approx. 12mm thick Birla POP punning on wall to give a clean smooth and plumb surface.	Sqm	300.00	150.00	45,000.00
7.00	MISCELLANEOUS ITEMS				
7.01	WOODEN PELMET				
	Providing and fixing wooden palmet of size 150mm x 250mm approx. made of 18mm thick BWP board finished with 1.0mm thick laminate of approved shade. All exposed edges shall be sealed with stem beech wood lipping. All surfaces without lamination shall be finished with two or more coats of spirit polish and woodwork to be finished with polish. All complete as per approval and instructions of Bank /Architect	Rmt	275.00	550.00	1,51,250.00

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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
7.02	ROLLER BLINDS				
	<p>Providing and fixing of Effective Optimized System Roller blinds including roller tube, control chain, control set with left hand, control set with right hand, bracket cover, chain connector, O-C Bottom Rail String for conversion, bottom end plug, open bottom rail, tube bearing plug etc with 50% light transfer all complete as per directions & instructions of Engineer-in-charge at site.(The sample should be got approved by Architect & Engineer-in-charge in advance before placing the order).</p> <p>Make- Vista, Mac, Hunter douglus or equivalent</p>	Sqm	380.00	1150.00	4,37,000.00
7.03	SHEER-DEMOUT BLINDS				
	<p>Providing of a Sheer-Dimout Blinds in sheer & semi opaque/ translucent fabric, with Pelmat Box & fabric in 100% polyester range ensure adequate darkening & privacy of Sheer dimout fabric of Solid 70mm -75mm & (Sheer-network min. 35 mm to 50mm sheer part) as fabric dimension 70 mm x 50 mm sheer, avenue with 5 cm sheer view & Solid of avenue portion 7.5 cm ; Thickness of dual fabric: 0.30mm to 0.41mm & weight : 90 GSM- 140 GSM -specification of fabric 100% polyester of alchemy/ essence sheer material with weight : 140 GSM to 200 GSM & light fastness -(4-5) grade. allure; Cosmos polyester 100% and material of fabric layer of 10cm Solid & mesh sheer net of 7cm (+5%) material of shades alchemy; essence; Dune with Rolling tube of high strength extruded aluminium alloy anodized 39mm -40mm OD with a minimum wall thickness of 0.9mm duly with Decorative pocket mechanism of Standard make of a manufacturing company as Per the standards / OEM mentioned.</p> <p>Make- Vista, Mac, Hunter douglus or equivalent</p>	Sqm	65.00	3000.00	1,95,000.00
7.04	CELLULAR / HONEYCOMB BLINDS				
	<p>Providing and fixing Head Rail: Head rail is 17 mm high and 47 mm wide, Thickness 1.00 mm. It is made up of powder coated high strength aluminum alloy covered by two end caps made up of PVC.</p> <p>Drum & Cradle: They are molded ABS components with high strength metallic drum which are meant for controlling the lifting cord.Bottom Rail: This is Aluminum Extruded Rail Made up of High Strength Aluminum alloy, Which is powder coated in white.</p> <p>Installation Bracket: It is made up of mild steel with zinc plate.</p> <p>Bottom Rail End Cap: It made up of high strength ABS.</p> <p>White Cord: It is made of Nylon braided non stretchable thread of 1.2 mm thickness.</p> <p>PVC Slip : It is made up of high strength PVC of width 25 mm.</p> <p>Fabric: 100% spun bonded non-woven polyester with metallic coating inner layer to ensure Blackout & privacy, colour fastness of light - 4-5 Grade (DIN EN ISO105-B02) Pleat dimension ¾" hexagonal cell with a distinct air pockets Sanitized, Weight : 160- 180 GSM, Thickness : 0.20 -0.22.</p> <p>Make- Vista, Mac, Hunter douglus or equivalent</p>	Sqm	15.00	4000.00	60,000.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
7.05	PLANTER BOX				
	Providing and placing in position planter box of size 450mm wide & 450mm high made of 18mm thick BWR board. Inside finished with 1.0 mm thick laminate and outside finished with 1mm thick laminater. Exposed edges of board finished with 6mm thick steam bech wood lipping. All wood work and veneer shall be finished with two or more coats of Melamine polish over one coat of sealer. All complete as per approval of Architect /Client.	Nos.	10	2500.00	25,000.00
7.06	S S SIGNAGES				
	P/F Signage plates of Stainless steel sheet of thickness 18 SWG & grade 304 with names engraved in Hindi & English as per etc. etched in colour on it, in following sizes of approved drawing & specifications all complete as per directions & instructions of Engineer-in-charge.(The sample of name plate should be got approved by Bank in advance before placing of order of Signage plates)				
	Rectangular - 200 x 100/ 250 x 100 various sizes	Inch2	1200.00	20.00	24,000.00
7.07	FROSTED / ETCHING FILM				
	Providing and fixing etching film as directed by Bank/ Architect for excess area (for additional area other than 1feet depth and full length of glass, along with portion spec.) to proper level, with out air bubbles / cuts / folds etc. All complete as per approval of Architect /Client.	M2	150.00	900.00	1,35,000.00
7.08	BANK LOGO IN SS				
	Providing and fixing Bank round Logo and name of Branch with LED light S.S and acrylic finish approx. 100 MM dia on wall/ stone with proper hold fast and provision for light (Glowing) Approx. dia of logo 1000 MM and letters 250 MM height.	Nos.	3.00	45000.00	1,35,000.00
7.09	Providing and fixing 16 Gauge G.I Powder Coated Grill in Techzone of Mineral Fibre Ceiling as per design and details. All complete with required accessories and hardware required.	M2	35.00	8500.00	2,97,500.00
8.00	Planters-				
8.01	Providing & placing Planters for Low height Storage - Size 10/12" x 8" dia	No.	36.00	1200.00	43,200.00
8.02	FRP PLANTER- Providing and placing planters in gloosy/ Mat as per selected colour item includes regular indoors air purifying plants also includes Fillers and Top Dressing using LECA Balls / Pine Bark / American Pine Wood Mulch.				
i	Size - 24" H x 18" Dia.	No.	5.00	4000.00	20,000.00
ii	Size - 20" H x 15" Dia.	No.	2.00	4500.00	9,000.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	TOTAL				2,20,76,350
9.0	BUY BACK ITEMS- Item includes Dismantling and making temporary arrangement of arranging furniture fittings on each floor for the ongoing site works as per the direction of Bank /Architect. Buyback will be given in different phases as per site development				
	Salvage work amount				
	<p>SALVAGE:- Dismantling, removal and buyback of existing complete office furniture,tables,chairs, full/ low height all partitions , panelling, full/ low height storages and any other loose / fixed furnitue, doors, false ceiling, MS grills (where ever applicable); wall tiles, flooring, dado, granite cladding sanitary fixtures, (except ACs,Ducts,Electrical Fixture,Equipments,Lights, Cables,Wires, Datacables, Server Racks, wall fans, UPS, existing fire Fighting & Public address system and CCTV) being dismanteled, removed & including transportation etc. and making the area free fom all debris and complete site clearance to receive new works all complete as per the instructions of SBI / Architect of the said project. Contractor should visit site for cross checking the items (condition, location, qty etc) at site, all will be as per site condition and will be variable as per site condition and decision of SBI engineer / officials. Entire space is to be made clear for new works.</p> <p>The approx quantity is as stated below: (Reserve Price = Rs. 285000 for one Floor- 285000 *3 = 8,55,000/-) As in where Banks - The Contractor shall be responsible for salvage after hand over of site. Any request for lost of items after handover shall not be entertained. Removal of all salvage items from site to authorised disposal place shall be responsibly of contractor</p>	LS	-1.00	855000.00	-855000.00
	TOTAL OF INTERIOR WORKS				2,12,21,350
	ELECTRICAL WORKS				
1	POINT WIRING				
	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (wherever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and flling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR
SBI NEW DELHI MAIN BRANCH

Online Price Bid- Percentage Rate Tender

BILL OF QUANTITIES

S No	Description	Units	Quantity	Rate	Amount (excluding GST)
i	One light points controlled by one 6 amp. Modular switch	Nos.	46.00	750.00	34500.00
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	80.00	900.00	72000.00
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	85.00	1000.00	85000.00
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	79.00	1100.00	86900.00
v	Five light or More points controlled by one 6 amp. Modular switch	Nos.	28.00	1300.00	36400.00
vi	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	12.00	800.00	9600.00
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	90.00	750.00	67500.00
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				0.00
a	Dependent	Nos.	44.00	250.00	11000.00
ix	One ceiling fan point with step type regulator	Nos.	9.00	1000.00	9000.00
x	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 2*1.5 Sqmm copper conductor wires FRLS insulated 1100V grade. (four point in one Circuit)				
a	Primary	Nos.	87.00	1200.00	104400.00
b	Secondary	Nos.	282.00	900.00	253800.00
xi	Same as serial no 1 but using 2*4 + 1*4 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos. , for Glow sign Board.				
a	Primary Point	Nos.	3.00	1400.00	4200.00
2	POWER POINTS				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4 sq.mm earth wire from D.B. to first point 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly). (three point in one Circuit)				
a	Primary point	Nos.	69.00	2000.00	138000.00
b	Secondary point	Nos.	151.00	1000.00	151000.00
3	AC POWER POINTS				
a	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box(tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.	Nos.	3.00	4500.00	13500.00
4	COMPUTER POINTS				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter.				
	Primary	Nos.	78.00	1400.00	109200.00
	Secondary	Nos.	156.00	900.00	140400.00
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by EIC.				
	Primary	Nos.	6.00	1600.00	9600.00
	Secondary	Nos.	6.00	1100.00	6600.00
5	POP UP BOX POINTS				
i	Provide desk top plug is specially provision 1) Multi-connectors for data and power connection. Connectors: 1x Universal Socket, 2x RJ45 internet, 1x VGA, 1x 3.5mm audio Jack 1x usb 2.1 a port) Hydraulic (pneumatic) open close movement 3) with bottom box 4) Self-locking mechanical latching mechanism 5) Press-open pop-up cover	Nos.	6.00	6500.00	39000.00
ii	Supply, installation, testing and Commissioning of simply elegant modular table top connectivity solution for conference tables with luxuriously finished metal surfaces and one-touch, fully-retracting lid with Multi-connectors for data and power connection. Connectors 1x HDMI, 1x VGA with audio, 1xLAN, 1x Universal Power, 1x USB and 1x 3.5mm Audio jack with retractable cable management solution complete with standard accessories as required.	Nos.	8.00	9500.00	76000.00
6	Supply , installation , testing and comissioning of HDMI Cable with High-Quality Connectors — 24K gold-plated connectors resist corrosion, and offer the best possible connectivity and provides 4K@60Hz (4:4:4) resolution complete with standard accessories as required.	Mtr	52.00	250.00	13000.00
7	Supplying,installation,testing and commissioning of Passive Infrared(PIR) technology based occupancy sensor having high preformance, non regulating programmable type, suitable for connected load upto 10Amp , for mounting height up to 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required..	Nos.	18.00	4500.00	81000.00
B.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1.0	TELEPHONE SYSTEM				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6A voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for telephone socket with shutter, RJ 47 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6A cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	213.00	1600.00	340800.00
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 100 pair krone tag block with enclosure.	Nos.	3.00	5000.00	15000.00
1.3	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 in in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame forTV socket outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of Coaxial cable in PVC conduits throughout the length, from the the point of mounting of Cable Antenna to the TV point at location as directed by the Architect/Bank.	Nos.	6.00	1600.00	9600.00
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 A computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	485.00	1600.00	776000.00
2.2	Supplying and fixing 9U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	3.00	3500.00	10500.00
2.3	Supplying and fixing 32U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	6.00	20000.00	120000.00
2.4	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	36.00	3500.00	126000.00
2.5	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	698.00	200.00	139600.00
2.6	Supplying and fixing Patch Cord-1 Meter-	Nos.	485.00	150.00	72750.00
C.	CABLES, MAINS & SUBMAINS				
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level.				

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SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
i	4 X 10 sq.mm. + 2 X 6 sq.mm.	RM	60.00	450.00	27000.00
ii	2 X 6 sqmm + 1 x 6 Sq. mm	RM	75.00	200.00	15000.00
					0.00
iii	Supplying, laying, testing & commissioning of 3 C X 10 sq.mm. at 1100 volts grade PVC insulated copper conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (UPS Room O/p).	RM	225.00	110.00	24750.00
iv	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated copper conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (LIGHT DB, POWER DB, UPS Room,).	RM	420.00	290.00	121800.00
v	Supplying, laying, testing & commissioning of 3.5 C X 70 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (for Main panel & AC Panel)	RM	90.00	600.00	54000.00
D	Cable Tray and Raceways				
	Supplying and fixing of following size of Perforated pre painted ms Cable Trays with perforation not more than 17.5% in convenient section, joined with connector, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. Rates shall be included tee, band reducers etc				
a.	150x40 2mm thick Cable tray (For Submain Incoming)	RM	75.00	450.00	33750.00
	Fabricating supplying to site of installation, in floor including chase cutting of floor,leveling, refilling and making good the same 1.6 mm thick G.I raceways of height 40 mm and 2.0 mm thick openable cover, totally enclosed,The two lengths of channels and junction box shall be nut bolted together to make it dust and water proof. complete with all fixing accessories as required.				
b.	150 mm (wide) x 40 mm (height)	RM	225.00	400.00	90000.00
E	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissioning of surface/ recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland/ knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.				
	Inside each DB, a DB chart is to be fixed.				
a	8-way TPN DB (LIGHT DB & 6A RAW)	No.	6.00	17500.00	105000.00
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	18 Nos.10/20 Amp (10 KA) SP MCB				
b	8-way TPN DB (16A RAW POWER)	No.	6.00	17500.00	105000.00
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	18 Nos.10/20 Amp (10 KA) SP MCB				
c	4-way TPN DB (UPS DB)	No.	3.00	13000.00	39000.00
	Incomer:-				
	1 No. 63 Amp TPN 4 Pole (10KA) MCB				
	Outgoing:-				
	3 Nos. 40 Amp 4P MCB (10 KA)				
d	12-way SPN DB (UPS OUTPUT DB PANEL)	No.	3.00	8000.00	24000.00
	Incomer:-				
	1 No. 63 Amp DP (10 KA) MCB				
	Outgoing:-				
	4 Nos.63 Amp (10 KA) DP MCB				
e	16-way SPN DB (For DB)	No.	9.00	8000.00	72000.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Incomer:-				
	1 No. 63 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:-				
	12 Nos.6/10/16 Amp (10 KA) SP MCB				
F	(LIGHT FITTINGS & ACCESSORIES)				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixures should be covered with minimum 3 Years onsite replacement warranty).				
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect.	Nos.	60.00	1700.00	102000.00
ii	Supplying, fixing, testing and commissioning of 5W LED commercial type COB of make As specified in tender document or approved by SBI/ Architect.	Nos.	15.00	500.00	7500.00
iii	Supplying, fixing, testing and commissioning of 15W/18W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect.	Nos.	525.00	650.00	341250.00
iv	Supplying, fixing, testing and commissioning of 28W LED Profile lights Recessed in ceiling approx. 1200 MM length x 50-60 MM wide, As specified in tender document or approved by SBI/ Architect.	Nos.	228.00	4000.00	912000.00
v	LED Strip for cove lighting 120 LED per meter with driver wattage as per OEM and necessary installation with PVC battern supporting fittings of Led strip light (5 mtr.) make as specified in tender document or approved by Architect/Bank.	Nos.	75.00	750.00	56250.00
vi	LED Strip for cove lighting 240 LED per meter with driver wattage as per OEM and necessary installation with PVC battern supporting fittings of Led strip light (5 mtr.) make as specified in tender document or approved by Architect/Bank.	Nos.	215.00	1000.00	215000.00
vii	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect.	Nos.	9.00	2250.00	20250.00
viii	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBI/ Architect. (METAL BODY)	Nos.	15.00	3500.00	52500.00
ix	Supply & fixing of 230 mm exhaust fan with louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBI/ Architect.Item also includes making of hole for fixing exhaust in exsisting brickwall and its repairing.	Nos.	12.00	2000.00	24000.00

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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
x	Supplying, fixing, testing and commissioning of commercial type SUSPENDED LIGHT FIXTURE Decorative Light ,Round light of make As specified in tender document or approved by SBI/Architect. (Base price start 12500 rs)	Nos.	3.00	12500.00	37500.00
xi	Supplying, fixing, testing and commissioning of commercial type Chandler LIGHT FIXTURE Decorative Light ,Round light of make As specified in tender document or approved by SBI/Architect. (Base price start 25000 rs)	Nos.	1.00	25000.00	25000.00
xii	Supplying, fixing, testing and commissioning of commercial type IP-65 5W/7W Planter light of make As specified in tender document or approved by SBI/Architect.	Nos.	60.00	1200.00	72000.00
xiii	Re Installation of existing Wall mounted fans 400/450 mm dia.	Nos.	65.00	150.00	9750.00
xiv	Supply, Installation, Testing and Commissioning of LED Pendant luminaire with LED(Light Emitting Diode) system power: 36W, 120 LM/W system efficacy, colour temperature of 4000K, neutral white, 230V constant current driver, 70% of luminous flux after 50,000 operating hours, energy efficient LEDs, CRI>80, luminous flux of 3360 lm, MacAdam 3, T.H.D≤10%, driver efficiency ≥ 88%, surge protection of 2.5kV, direct light emission, Aluminium body, polyester white powder coat applied over a 5-stage pre-treatment, Prismatic diffuser for glare-free uniform light, UGR<19, Electronic control gear Protection class I, IP40, L =1195mm, B = 295mm, H = 67mm, PH = 1500mm. Make-Wipro, Legrand or Equivalent	Nos.	37.00	2500.00	92500.00
G	EARTHING SYSTEM				
1	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper-bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	3.00	10000.00	30000.00
2	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	3.00	9000.00	27000.00
i	Providing and fixing of 25*5 GI strips in surface or in recess for loop earthing etc. as required.	RM	260.00	200.00	52000.00
3	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required with using of copper lug at end termination	RM	450.00	250.00	112500.00
H	MAIN PANEL AND METER BOARD				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
1	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2 mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 1 nos 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required. main panel board of approved make (shwetech Technology/Zeniya/Neptune) OR as approved by SBI/ Architect. The panel should be CPRI approved				
	Type of Approval as instructed by the SBI/ Architect). All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be Ics breaking capacity				
	GA drawings shall be got approved by Architect / SBI				
a.	Floor panel shall consists of : - FOR LIGHTING & Power				
	INCOMER				
	1 no. of 200A TPN MCCB (25KA) with extendable rotary handle each				
	BUSBARS				
	250 amps TPN busbar chamber of suitable length with copper busbars.. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 200/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection				
	1 set of three phase indicating lamps along with 2A SP MCB backup protection				
	Restricted Earth fault relay with 3 Nos. current transformers of 200/5 ratio, 10 VA Class 5P 10 (Numeric Relay not required)				
	Undervoltage, Overvoltage & phase reversal relay for persisted voltage of 105-180% & 20-95% of rated voltage (Numeric Relay not required)				
	OUTGOINGS:-				
	2 Nos 40 A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars.				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	7 Nos 63 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LIGHT,POWER,UPS)				
	2 Nos 40 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars.				
	The electrical panel as described above and specifications complete.	Set	3.00	70000.00	210000.00
2	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2 mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 1 nos 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required.main panel board of approved make (shwetech Technology/Zeniya/Neptune)as approved by SBI/ Architect. CPRI Approved Panel				
	Type of Approval as instructed by the SBI/ Architect). All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be lcs breaking capacity				
	GA drawings shall be got approved by Architect / SBI				
	AC ODU Panel at ELECTRICAL ROOM				
	INCOMER				
	1 no. of 200A TPN MCCB (25KA) with extendable rotary handle each				
	BUSBARS				
	250 amps TPN busbar chamber of suitable length with copper busbars.. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 200/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection				
	1 set of three phase indicating lamps along with 2A SP MCB backup protection				
	Restricted Earth fault relay with 3 Nos. current transformers of 200/5 ratio, 10 VA Class 5P 10 (Numeric Relay not required)				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
Online Price Bid- Percentage Rate Tender					
BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Undervoltage, Overvoltage & phase reversal relay for persisted voltage of 105-180% & 20-95% of rated voltage (Numeric Relay not required)				
	OutGoings				
	(6) Nos. 4 pole 63 AMP MCCB 16 KA				
	(2) Nos. 4 pole 40 A MCCB 16 KA	Nos	3.00	90000.00	270000.00
I	Dismantling and complete removal of electrical fitting, old wiring and panels etc with making temporary arrangement of lighting & power suply on each floor for the ongoing site works with existing wiring as per the direction of Bank /Architect. Buyback will be given in different phases as per site development	Nos	3.00	20000.00	60000.00
	SUB-TOTAL FOR ELECTRICAL WORKS				6602150.00
	BUY BACK				
i	Electrical Lights and fixtures 2' x 2'	Nos.	225.00	300.00	67500.00
ii	Electrical Lights and fixtures down ligths	Nos.	280.00	150.00	42000.00
iii	Existing Electrical wiring, DB, Main Panel, bus bar, etc. excluding Data networking & telephove wiring (Cat 6 etc) and its related acessories	lots	3.00	30000.00	90000.00
	TOTAL BUYBACK ELECTRICAL				199500.00
	TOTAL FOR ELECTRICAL WORKS				6402650.00
	AIR-CONDITIONING WORKS				
SH-I	VRV/VRF AC SYSTEM				
1.0	OUTDOOR UNIT				
	Supply Installation, Testing & Commissioning of modular type Variable Refrigerant Flow/Variable Refrigerant Volume air cooled Outdoor units suitable for cooling and heating , having all hermetically sealed inverter type Scroll Compressor(s), minimum two compressors for above 10 HP modules, microprocessor based Controller, top discharge type condensing unit(s), with R 410 A Refrigerant, vibration isolators, with suitable foundation etc. complete as required. The unit shall deliver the rated capacity at AHRI Conditions and work even at 50°C ambient temperature without tripping. The unit shall be suitable to work on 400V +/- 10%, 3 Phase, 50Hz AC power supply. The unit shall be filled with first charge of the refrigerant and ready for use as required. The COP at AHRI conditions shall not be less than 3.1 and IEER not less than 6.5 . Make: Mithsubisi Heavy Duty, O general, Toshiba				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
a	36 HP	Each	3	725000	2175000.00
b	24 HP	Each	3	400000	1200000.00
c	10 HP	Each	3	170000	510000.00
2	FLOOR MOUNTED AIR HANDLING UNITS				
	Supply, Installation, Testing and commissioning of factory built floor mounted Dual coil (water and DX TYPE COIL) double skin type horizontal / vertical air handling units made of 25+/-2 mm thick panels consisting of pre plasticized G.I. casing of thickness 0.8 mm outside layer and 0.8 mm inside layer with polyurethane foam (PUF) insulation factory injected between them by injection moulding machine, complete with EC Fan section direct drive backward curved EC fan (Electronically Communicated)/DIDW Blower Fan permanent magnet brushless DC motor for stepless variation of speed of fan based on temperature / pressure sensor inputs. The fan section shall be provided with limit switch of safety to shut off fan during opening of access door. EC fan suitable for static pressure as required, cooling coil section with aluminium finned copper tubes (tubes thickness not less than 0.5 mm) cooling coil of 6 row deep, filter section with one set of 50mm thick prefilter section equivalent to MERV-8 ,For better indoor air quality and control of various bacteria, virus etc. with starter Panel. The filter shall be washable with power consumption not more than 8 watts. The UV (Ultraviolet System) shall be provided in AHU for coils to take care off in respect of air borne contamination (bacteria, virus and spores), Gaseous contamination (VoC's & Odors) along with particulate matter with-in built pest repellant to drive away the rodents away. motor of efficiency class IE-3 suitable for 415 ± 10% V, 50Hz, 3 Phase AC supply suitably designed for variable speed applications, mixing box, drain connections, stainless steel (18G) drain pan with PUF insulation, wherever required, necessary vibration isolation arrangement etc. Sound level at 1 m distance not exceeding 75 dB(A) complete as per specification and of following capacities. Maximum face velocity across pre & electrostatic filters & cooling coil shall be 155 MPM (510FPM). •Maximum Fan outlet velocity shall be 610 MPM (2000 FPM). Make; REVO/STULZ/Systemair/Flaktgroup or equivalent as approved by architect / Bank.				
i	18000 CFM @ 75MM SP	Nos.	3	800000	2400000.00
	Coil Capacity-27.8 TR				
	Coil = 6RD+6RD DX				
3.0	Air Purification				

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Supply, Installation, Testing and commissioning Air purification for AHU The air purification system should be suitable to reduce harmful pollutants like particulate matter (PMx), PM 2.5, allergens, pollen, smoke, bacteria, pathogens etc. based on below principle technology viz;Impingement, Polarisation and Agglomeration as a passive air It should be a slim structured unit specifically designed for integration in Return Air path of ceiling suspended indoor units, to centrally capture. It should be equivalent to Merv-14 or Higher efficiency for AHU and Ductable* Units with low pressure drop. It should have 3x working principles and it should be aluminium based or powder coated steel casing and should be self-contained. It should be a US patented technology with UL certified components. The units shall meet ANSI/ASHRAE 52.2 standards and have valid test report to verify filtration efficiency. The Basic Media of Electric Filter shall Carry Class 2 Fire Rating Listing by UL.The CAC filter/Electrostatic percipitator (ESP), which have Metal based collection plate shall not be accepted. The Supplier shall carry UL2998 certification or at least Acknowledgement letter from UL2998 for testing against Zero Ozone Emission. The system shall be integrated with the existing pre-section filter area of AHU. The test report for pressure drop need to be submitted for passive air purification and the same shall be demonstrated at site. Make :-IntelliGreen/Air Ultra/ A K Enterprises or equivalent as approved by architect / Bank.				
	Supply, Installation, Testing and commissioning Electronic filters should consist of an Internet of Things (IoT) based				
I	AS PER OEM STANDARD MACHINE	SETS	3	102500	307500.00
II	IOT	SETS	3	25000	75000.00
3	INDOOR UNIT-HI-WALL TYPE				
	Supply, installation, testing and commissioning of following minimum capacity VRV/VRF High wall type Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cordless remote control, drain pan, necessary accessories etc., suitable for operation on 230V±10%,50Hz ,single phase AC supply, with starter Panel complete as required. The unit shall have automatic force shutdown provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27Degree C DB and 19 Degree C WB temperature. Make: Mithsubisi Heavy Duty, O general, Toshiba				
a	1.0 TR	each	1.0	25500.00	25500.00
b	1.5 TR	each	1.0	28500.00	28500.00
4.0	INDOOR UNIT-DUCTABLE TYPE TFA UNIT				

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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	Supply, installation, testing and commissioning of following minimum capacity and external static pressure VRF/VRV ceiling mounted ductable type TFA Indoor unit equipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower ,multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control, outer cabinet, vibration isolators, drainpan, other necessary supports etc., suitable for operation on single phase AC supply 230V±10%,50 Hz complete as required . The unit shall have automatic force shut down provision in case of fire on receiveing signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. Make; REVO/STULZ/Systemair or equivalent as approved by architect / Bank.				
c	8 .0 TR TFA UNIT	Nos.	3.0	180000	540000.00
5.0	COPEER REFRIGERANT PIPING				
	Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastometric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required :				
a	6.4 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	30	350	10500.00
b	9.5 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	30	500	15000.00
c	12.7 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	10	700	7000.00
d	15.86 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	10	875	8750.00
e	19.1 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	300	1050	315000.00
f	22.2 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	10	1275	12750.00
g	25.4 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	10	1500	15000.00
h	28.58 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	m	10	1650	16500.00
i	31.8 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	m	10	1750	17500.00
j	34.9 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	m	150	1800	270000.00
k	38.1 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	m	150	1850	277500.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
I	41.2 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	m	50	1950	97500.00
6.0	MAIN INTELLIGENT PROGRAMMABLE CENTRAL CONTROLLER:				
a	Supply, Installation, Testing and Commissioning of Central Controller of digital type of latest generation suitable for all VRV/VRF equipments/AHU to operate, Monitor, Scheduling Programme, On/Off, Temperature Setting etc as per specification complete as required to operate all the indoor units.	Nos.	1.00	70000.00	70000.00
7.0	Multikits: (for Join Outdoor unit combinations)				
	Supply Installation, testing, commissioning of supply & return -joints sets/ header packs / Gas Tight Joints of required size for refrigerant piping as per manufacturer standards.				
a	Joints set	Set	6.00	6500.00	39000.00
8.0	PVC PIPING :				
	Providing and fixing of PVC drain pipe of 6 Kg /cm2 pressure rating complete with 6mm thick closed cell nitrile rubber insulation with mechanical protection (Aluminium laminated face), fittings, supports, valves as per specifications & drawings.				
a	25 mm dia	Rmt	55.00	225.00	12375.00
b	32 mm dia	Rmt	70.00	250.00	17500.00
	TOTAL VRV/VRF AC SYSTEM	Rs.			8463375.00
SH-II	AC AIR DISRIBUTION SYSTEM				
9	SHEET METAL DUCT:				
9.2	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting				
a	Thickness 0.63 mm sheet (24 G)	Sqm	500.00	1000.00	500000.00
	Thickness 0.51 mm sheet (22 G)	Sqm	50.00	1100.00	55000.00
10	Supply, installation, testing and commissioning of GI volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws linkages, flanges etc, as per specifications.Make; REVO/DUCTOFEB/ZECO or equivalent as approved by architect / Bank.	Sqm	4.50	7500.00	33750.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
11	Supplying & fixing of powder coated extruded aluminium Supply Air Grills/DIFFUSER with aluminium volume control dampers as per specifications. Make; REVO/DUCTOFEB/ZECO or equivalent as approved by architect / Bank.	Sqm	4.50	8000.00	36000.00
12	Supplying & fixing of powder coated extruded aluminium Return Air Grills/DIFFUSER with louvers but without volume control dampers complete as required. Make; REVO/DUCTOFEB/ZECO or equivalent as approved by architect / Bank.	Sqm	4.00	7500.00	30000.00
13	Supply and fixing of acoustic lining of supply air duct and plenum with 25 mm thick resin bonded glass wool having density of 32 kg/m ³ , with 25 mm X 25 mm GI section of 1.25 mm thick, at 600 mm centre to centre covered with Reinforced Plastic tissue paper and 0.5 mm thick perforated aluminum sheet fixed to inside surface of ducts with cadmium plated nuts, bolts, stick pins, CPRX compound etc. complete as required and as per specifications.	Sqm	30.00	700.00	21000.00
14	Supplying and fixing of following thickness duly laminated aluminum foil of mat finish closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per pecifications and as required.				
a	19 mm	Sqm	550.00	700.00	385000.00
15	Supplying, installing and testing of extruded Aluminium Louvers with bird screen in accordance with approved shop drawings and specifications complete as required. Make; REVO/DUCTOFEB/ZECO or equivalent as approved by architect / Bank.	Sqm	2.00	10000.00	20000.00
16	Supplying, fabricating, installing and testing of fire retardent double Canvas Flexible Connection for constructed of standard material as per the drawings/specifications.	Rmt	4.00	2500.00	10000.00
17	Supply, installation, testing & commissioning of Thermal insulated flexible duct of following sizes duly supported at regular interval as per site requirement etc. complete as required as per specifications.				
	150 MM Dia	Rmt	65.00	500.00	32500.00
18	Supply, installation, testing & commissioning of SPIGOT DAMPER of 150MM DIA sizes duly supported at regular interval as per site requirement etc. complete as required as per specifications.	Nos	15.00	650.00	9750.00
	TOTAL AC AIR DISTRIBUTION SYSTEM	Rs.	Rs.		1133000.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR					
SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
SH-III	VRV/VRF ELECTRICAL WORK				
21	CABLES				
	Supplying & laying of following 1100 volt grade XLPE insulated PVC sheathed copper conductor armoured cables including, anchor fastners on wall with suitable clamps, saddles fixing bolts connecting testing and commissioning etc as per specification complete as required.				
a	4.0 core 6.0 Sq mm	Rmt	80.00	450.00	36000.00
b	4.0 core 10.0 Sq mm	Rmt	425.00	650.00	276250.00
c	2x 1.5Sq mm	Rmt	420.00	140.00	58800.00
d	4x 2.5sq.mm	Rmt	425.00	200.00	85000.00
22	Supply and erection of hot dip G.I. cable tray perforation not more than 17.5% for specific dimensions along with tees, bends. The cable tray shall be hang from ceiling/ fixed to wall with necessary angle/flat iron / hanging rod, for ceiling suspensions, clamps, anchor fastner, nuts, bolts, washers, not mor than 1.5 mtr. apart complete as per specification to complete the job. The tray shall be as follows :-				
a	100 x 50 mm x 1.6mm thick	Rmt	125.00	470.00	58750.00
23	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a	25 mm dia. ISI marked, PVC conduit	Rmt	10.00	50.00	500.00
24					
(ii)	63A ELCB (300mA),4pole switch for VRV Outdoor units with Weather Proof enclosure, rain protection etc. as required to suit the site condition. (Enclosure shall be suitable for out door installation).	Nos	12.00	5500.00	66000.00
(iii)	40A ELCB (300mA),4pole switch for VRV Outdoor units with Wheather proof Enclosure, rain protection etc. as required to suit the site condition. (Enclosure shall be suitable for out door installation).	Nos	1.00	4500.00	4500.00
	TOTALVRV/VRF ELECTRICAL WORK		Rs.		585800.00
	TOTAL (AIRCONDITIONING SYSTEM)		Rs.		10182175.00
28	BUY BACK				
iii	Existing Duct	500	Sqm	250.00	125000.00
iv	Copper Piping	525	Rmt	400.00	210000.00

INTERIOR FURNISHING WORKS COMPRISING OF CIVIL, FURNITURE, ELECTRICAL & HVAC WORKS OF 3rd,4th & 5th FLOOR SBI NEW DELHI MAIN BRANCH					
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BILL OF QUANTITIES					
S No	Description	Units	Quantity	Rate	Amount (excluding GST)
	TOTAL BUYBACK ELECTRICAL				335000.00
	Grand total of HVAC system				9847175.00
	SUB TOTAL 1: CIVIL WORKS				₹ 62,89,774.25
	SUB TOTAL 2: INTERIOR FURNISHING WORKS				₹ 2,12,21,350.00
	SUB TOTAL 3: ELECTRICAL WORKS				₹ 64,02,650.00
	SUB TOTAL 4: AIR-CONDITIONING WORKS				₹ 98,47,175.00
	TOTAL ESTIMATED COST PUT TO TENDER				₹ 4,37,60,949.25
1	Quoted price HIGHER (then the estimated cost-A)	1	percent		₹ 4,41,98,558.74
2	Quoted price LOWER (then the estimated cost-A)	1	percent		₹ 4,33,23,339.76
2	Quoted price AT PER (the estimated cost-A)	0	percent		₹ 4,37,60,949.25
	Note : Only one of the options among SI 1, 2, 3 to be selected & filled by the contractor				