

Price Bid of Renovation of Composite (Interior, Electrical, AC & VC) works for the Conference & Mini Conference room at SBI AO -4, NCR Haryana					
Sr. No	Description	Unit	Qty.	Rate	Amount
A	Interior works				
1	GYPSUM CEILING WORKS	Sqm	95.00		0.00
	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I.wire at every junction, including fixing of 12.5mm thick regular gypsum board (make Gyproc/ USG Knauf/ USG Boral) to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at ,cutouts made with frame of perimeter channels suitably fixed, including trap door with 18 mm thick MDF board with fixed with concealed hinges on one side in edges including primer and paint (as per drawing) all complete as per specification and combined services drawings direction of the Engineer in Charge . No extra will be paid for light				
	Item includes making coves in false ceiling as per drawings & instructions & finishing smooth with two or more coats of plastic emulsion paint (Lustre / Royale finish) with primer of approved quality and shade. For light fittings cut outs etc. have to be made with the frame of perimeter channels of size Lay on cross tee twist and rotation for greater stability 20 x 27x30 x 0.55 mm thick, supported suitable. Angle beads edge beads control joints as required to be provided. The quoted rate to be include all the above items. Ceiling to be painted with minimum two or more coats of plastic emulsion paints over POP punning, base preparation etc. work to be complete as per drawing and direction of Bank/Architect. (Only horizontal surface shall be measured for the purpose of payment)				
	Make: Gyproc/ USG Knauf/ USG Boral				
2	Laminate finished wooden ceiling	Sqm	27.00		0.00

	Providing and fixing at all height false ceiling of 12 mm thick Fire Retardant plywood including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanized in accordance with zinc coating 600 as per IS: 277 and consisting of angle cleats of size 25 mm wide X 15 mm thick with flanges of 22 mm and 37 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastner 12.5 mm dia X 40 mm long with 6 mm dia. Bolts to the angle hangers of 25 X 25 X 5 mm of required length, and other end of angle hanger being fixed with nuts and bolts to 6.1 channels 45 mm X 15 mm X 0.9 mm running at the rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be fixed in a direction perpendicular to 6.1 channel with connecting clips made out of 2.64 mm dia. X 230 mm long 6.1 mm wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre to centre with 25 mm long drive – all screws @ 230 mm interval including joining and fixing to a flush finish.				
	The wooden ceiling will be finished with the approved 1 mm laminate and also including the cost of making openings for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed finishing of all joints neatly to proper line & level including providing of additional framework for electricals fixtures.including giving trap doors where ever required. Diffusers,cutouts for fire sprinklers etc. as per the specifications approved by architects Including necessary scaffolding supports, suspenders etc. All complete as per drawing and specification and direction of the architect.				
3	Vitrified Tile Flooring				
	Removing of existing tiles, preparation of base including levelling as required with cement concrete and Providing & laying in-position Vitrified tiles on floor and skirting of approved make and colour uniformly in line, level and in approved design, including chemical adhesive,polymer modified Mortar Lactcrete 252 Silver, as per company specification, laid over average 10-12mm thickness and filling the joints with epoxy based joint filling compound of matching shade, curing the joints etc complete. Rates to include providing & fixing 100 mm high skirting as per drawing flushed with finished surface of wall in line and level to be made in wall at the junction of skirting and finished surface of wall etc. complete matching to flooring as per direction of Engineer In- Charge. item include tile protection.	Sqm	120.00		0.00
	Tile size 1200 x 800 mm or 1200 x 600 mm				
	Make : Kajaria/Johnson/ Somany				
4	Panelling				

i	Providing & fixing Panelling consisting of: Frame work to be 50X50X1.60mm thick aluminum tube weight not less than 0.836 kg/rmt with maximum distance of 450mm c/c both ways(Horizontal/Vertical) or as directed				
ii	Facing with 12 mm Thick Fire Retardant plywood well secured to frame work by means of screws and nails.				
a	Finishing with 1.0 mm thick laminate as per selection. The item including Polishing with matt finish PU polish. Basic cost of 1mm thick laminate Rs.60/ Sq.ft	Sqm	128.00		0.00
b	Providing 1.5mm faux leather paneling with close grooves /fluting, closing fluting, @ 30mm c/c & recess by 20mm in semi circle shape as per design & approval	Sqm	53.00		0.00
	Make: Duro Debry Fire Retardant ply /Century Club Prime Fire Retardant ply/ Green Platinum Fire Retardant BWP Grade ply - (Best Quality)				
5	Extra for panelling with level difference upto 150mm form basic finish level	Sqm	34.00		0.00
6	Solid wooden door	Sqm	6.00		0.00
	Providing & fixing Teak wood frame of size 75x100mm including making rebate for shutters,with 35 mm thick flush door including finishing with both side 1 mm Laminate as per selection . Including HAFFLE, HETTICH hardware mortise lock and handle lock and, stopper , tower bolt, door closures etc. complete of SS approved quality . All exposed wooden members to be finished in PU polish, in approved shade and pattern to match with partition or as as per instruction. (Basic cost of laminate - Rs. 60/Sq.ft)				
7	Zebra Blinds	Sqm	18.00		0.00
	Supplying fitting and fixing Zebra Blind with 100% Polyester fabric (plain/ ribbed fabric of approved colour and shade). Nominal thickness of fabric shall be 0.60-0.80 mm and nominal weight 255 - 450 grams per square metre, hanging excellent hanging properties and very high tearing strength, Coating of the fabric shall be of Acrylic, which shall be resistant to cracking and fraying. The fabric shall be suspended from the top channel made of extruded anodised alloy of 1.25-2.00 mm nominal thickness and 38 mm nominal diameter. The top channel shall be fixed with powder coated mild steel brackets with clutch assembly on either end of blind, fixed to jambs of the window opening with 50 mm stainless steel screws with heavy duty PVC wall (RAWL) plugs.				

	The operating mechanism fixed to the top channel shall be made of high strength ABS plastic having ultra-smooth gear with spring booster of high carbon steel. The mechanism shall be operated with tilt chain having 4.50 mm balls made of ABS plastic linked with 1.50 -2.00 mm polyester chord. The mechanism shall allow the blind to stop in desired position with the help of stop lock. The bottom channels shall be of aluminium tube of 21 mm nominal diameter and 1.50-2.00 mm nominal thickness. The fabric shall be enclosed in suitably created pocket along the tubes, which shall be closed from side with end caps of same colour to the bottom roller. All exposed components of the roller blind shall be of milky white colour. (Basic rate Rs3400/sm)				
	Make : Aerolux, Vista levelor, Mac,				
	Same Qty UPVC window				
8	Providing, fabricating and placing Rectangular-shaped Conference Table of overall size approximately 7100 mm x 2400 mm x 750 mm height, as per approved drawings and layout. The table shall be constructed using 25 mm thick Fire Retardant plywood conforming to relevant IS standards. The top shall be finished with 12 mm thick solid acrylic surface (DuPont Corian or approved equivalent) with seamless joints and moulded edges. External fascia and modesty panels shall be finished with premium faux leather of approved shade and texture, while internal surfaces shall be finished with 1.0 mm thick decorative laminate of approved make and shade. The table shall be complete with concealed cable management system, raceways, access panels, power and data integration provisions, pop-up utility boxes, recessed provision for motorized monitors, microphone connectivity, and all associated hardware required for a fully functional conference setup. The item shall be complete in all respects as per approved drawings, manufacturer's recommendations and directions of the Architect/Bank Engineer.	Nos	1.00		0.00
	Make: Duro Debry Fire Retardant ply /Century Club Prime Fire Retardant ply/ Green Platinum Fire Retardant BWP Grade ply - (Best Quality)				

9	Providing, fabricating and placing Rectangular-shaped Mini Conference Table of overall size approximately 4050 mm x 1800 mm x 750 mm height, as per approved drawings and layout. The table shall be constructed using 25 mm thick Fire Retardant plywood conforming to relevant IS standards. The top shall be finished with 12 mm thick solid acrylic surface (DuPont Corian or approved equivalent) with seamless joints and moulded edges. External fascia and modesty panels shall be finished with premium faux leather of approved shade and texture, while internal surfaces shall be finished with 1.0 mm thick decorative laminate of approved make and shade. The table shall be complete with concealed cable management system, raceways, access panels, power and data integration provisions, pop-up utility boxes, recessed provision for motorized monitors, microphone connectivity, and all associated hardware required for a fully functional conference setup. The item shall be complete in all respects as per approved drawings, manufacturer's recommendations and directions of the Architect/Bank Engineer.	Nos	1.00		0.00
	Make: Duro Debry Fire Retardant ply /Century Club Prime Fire Retardant ply/ Green Platinum Fire Retardant BWP Grade ply - (Best Quality)				
10	Providing and placing Storage as per drawing made of 19mm thick Fire Retardant plywood. Table top to be of 25mm thick Fire Retardant plywood finished with 12mm thick Acrylic Surface Corian on top with table . all complete to be satisfaction of Architect / Bank's Engineer. All interior to be finished with 1mm thk laminate and 1.5mm faux leather paneling with close grooves /fluting, closing fluting, @ 30mm c/c & recess by 20mm in semi circle shape as per design & approval fixed in front on storage. All exposed wood work / Fire Retardant plywood to be PU matt polish as per specification to approved colour. Table finishes as per drawing. On customer side fascia of as per drawing.				
i	Storage(approx size 3200 x 450 x 750 mm) & as per design	Rmt	2.80		0.00
	Make: Duro Debry Fire Retardant ply /Century Club Prime Fire Retardant ply/ Green Platinum Fire Retardant BWP Grade ply - (Best Quality)				
11	Display Operating staff table size 1.50 x 0.75 x 0.75m				
	Providing and placing Table as per drawing made of 18 mm Fire Retardant plywood . Table top to be of 25mm thick Fire Retardant plywood finished with Laminate on top. Table to be provided with storage cabinet with drawers made of 18 mm thick Fire Retardant plywood front side and back faces & drawer, bottom with 9mm thick Fire Retardant plywood. The table to be provided Cable manager, locks, handles, telescopic slides for drawers, computer key board tray (hettich) with retractable mouse pad, mobile CPU trolley (ebco),etc. all complete to be satisfaction of Architect / Bank's Engineer. All Interior & exterior to be finished with 1.0 mm thk Laminate(Century/Green ply/ Archid ply). All exposed wood work / ply wood to be PU matt polish as per specification to approved colour. Table finishes as per drawing. On customer side fascia of as per drawing.	Nos	2.00		0.00

	Make: Duro Debry Fire Retardant ply /Century Club Prime Fire Retardant ply/ Green Platinum Fire Retardant BWP Grade ply - (Best Quality)				
12	Extra for provide 12mm wide Anodised Aluminum profile as per approval in paneling. Profile make: Prgrass Prajila or equivalent make	Rmt.	120.00		0.00
	TOTAL AMOUNT FOR INTERIOR WORKS				0.00
B	ELECTRICAL WORKS				
1	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 filling 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.				
i	One light points controlled by one 6 amp. Modular switch.	Nos.	7.00		0.00
ii	Two light points controlled by one 6 amp. Modular switch.	Nos.	9.00		0.00
iii	Three light points controlled by one 6 amp. Modular switch.	Nos.	14.00		0.00
iv	Four light points controlled by one 6 amp. Modular switch.	Nos.	6.00		0.00
v	Four light points controlled by one 6 amp. Modular switch.	Nos.	4.00		0.00
vi	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	2.00		0.00
vii	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 2x6A, 5 Pin modular socket controlled by two 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit).				
a	Primary Point	Nos.	5.00		0.00
b	Secondary Point looped	Nos.	7.00		0.00
	Note: If looped with Power Secondary point so its only single point connected				
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* 4.0 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) max 2 points per circuit.				

a)	Primary Point	Nos.	3.00		0.00
b)	Secondary Point	Nos.	5.00		0.00
3(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*4.0 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.	5.00		0.00
4	COMPUTER POINTS				
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 b) Same as above but looped from the above 1st point to 2nd , point and 2nd point to 3rd point. (Maximum 3 points in a circuit) c) Same as above but provide for television. (Maximum 3 points in a circuit)				
	Primary Points	Nos.	4.00		0.00
	Secondary Points	Nos.	5.00		0.00
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 2 nos. 16 amps 5 pin modular type sockets, 2 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 the engineer incharge for the rack supply in server room, PA rack, CCTV, b) Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)				
	Primary Points	Nos.	2.00		0.00
	Secondary Points	Nos.	2.00		0.00
5	POP UP BOX POINTS				
	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.	5.00		0.00
6	Supplying, providing & fixing of Vertical Pop Up Motorized TV Lift Stand for 27 inches monitor of Haffle Make in Conference table complete with all necessary hardware, including providing a Guarantee of one	Nos	1.00		0.00
	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				

1.0	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 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 Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	7.00		0.00
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 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-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	8.00		0.00
2.2	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	8.00		0.00
2.3	Supplying and fixing Patch Cord-1 Meter-	Nos.	4.00		0.00
3.0	Supply and fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Co axial socket with Cover Plate.	Nos.	6.00		0.00
	(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 Fixtures should be covered with minimum 3 Years onsite replacement warranty). Philips, Wipro, Tisva				
i	FULL GLOW Chandelier of Make As specified in tender document or approved by SBI/ Architect. (basic price rs 24000) (Make Philips/Havells/Wipro) or as approved by Bank/Architect	Nos.	3.00		0.00
ii	Supplying, fixing, testing and commissioning of 12 W LED Double COB type down lighter of Make As specified in tender document or approved by Engineer/Architect. Commercial pattern	Nos.	28.00		0.00
iii	Supplying, fixing, testing and commissioning of 9 W LED COB type down lighter of Make As specified in tender document or approved by Engineer/Architect. Commercial pattern	Nos.	12.00		0.00
iv	LED cove light necessary installation fittings. Make as specified in tender document or approved by Engineer/Architect. Commercial				
a)	Cove light upto 5 meter with drivers	Nos	6.00		0.00
v	LED profile light necessary installation fittings. Make as specified in tender document or approved by Engineer/Architect. Commercial				
a)	Profile light 1'-0" length	Nos	5.00		0.00
b)	Profile light 2'-0" length	Nos	19.00		0.00
c)	Profile light 3'-0" length	Nos	14.00		0.00

d)	Profile light 4'-0" length	Nos	12.00		0.00
	TOTAL AMOUNT FOR ELECTRICAL & ALLIED WORKS				0.00
C	AIR CONDITIONING WORKS				
	SPLIT /CASSETTE TYPE AIR CONDITIONERS				
1	Removing and re-erection, testing and commissioning after servicing of existing branch 1.0/1.5/2.0 TR High Wall AC. Item includes all necessary hardware, piping, wire /cable, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.	Nos.	5.00		0.00
2	Supplying and laying of Extra copper refrigerant piping with O class nitrile rubber insulation with pipe , both of size as specified by the manufacturer suitable for 1.0/1.5/ 2.0 TR Split type AC - From Indoor to outdoor Units (make as approved by Architect/ Bank)	RM	25.00		0.00
3	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0 TR/ 1.5 TR/ 2.0 TR Split type AC.	RM	30.00		0.00
4	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	RM	30.00		0.00
	TOTAL AMOUNT FOR AIR CONDITIONING WORKS				0.00
D	VIDEO CONFERENCING WORKS				
1	Supply of High Quality high definition two way In-ceiling speaker with Low Frequency: 5.25" or above, Polypropylene woofer with rubber surround, 0.75" Tweeter for smooth response,, Power Handling (AES Standard): 30W RMS / 60W Program / 120W Peak , or better, Impedance: 8 Ohm / 100V, Frequency Response: 65-20000Hz or better Sensitivity: 86dB@1w/1m or above, Calculated Max SPL : 108 dB or above Peak, ABS with wire mesh metal grille, Make:val/celto/bose/biamp	Nos.	8		0.00
2	Supply Installation , testing and commissioning of Mixer amplifier with Total output all channels driven: 120W, 4-16 ohm, 70V/100V output, USB/Bluetooth Media player, zones available, 3 Aux and 2 microphone inputs, Signal-to-Noise Ratio >75dB, toroidal transformer, Master, Bass & Treble controls for tailored audio tuning Aux output available for daisy chaining amplifiers or to attach active subwoofers to expand your audio setupetc as reqd.:Make:val/celto/bose/biamp	Nos.	1.00		0.00

3	Supply Installation , testing and commissioning of Digital Table top Conference System Delegate unit with conference mode, speech countdown time, speaking time, open or off . Speaking distance can reach 10 to 40 cm with clear voice, Microphone use RJ45 / 8P PORT, Sensitivity - -47db or better, Signal to Noise Ratio - >65db, Frequency Responce - 100Hz - 10kHz or better, Chairman could be shut down delegate, repress Priority Key Temporary Silence mute delegate, Release Priority delegate sound return back, suitable gooseneck microphone unit , Mic length 220, Stylish, low profile design , 1.8-inch color TFT display screen showing , real-time meeting data: conference mode, Make:val/beyer dynamic /bosch or as per approval by Bank/Architect	Nos.	10.00		0.00
4	Digital Table top Conference System Chairman unit with conference mode, speech countdown time, speaking time, open or off . Speaking distance can reach 10 to 40 cm with clear voice, Microphone use RJ45 / 8P PORT, Sensitivity - -47db or better, Signal to Noise Ratio - >65db, Frequency Responce - 100Hz - 10kHz or better, Chairman could be shut down delegate, repress Priority Key Temporary Silence mute delegate, Release Priority delegate sound return back, suitable gooseneck microphone unit , Mic length 220, Stylish, low profile design , 1.8-inch color TFT display screen showing , real-time meeting data: conference mode Make:val/beyer dynamic /bosch or as per approval by Bank/Architect	Nos.	1.00		0.00
5	Master control unit for Digital conference system with , The main machine has 2 - 4 route conference 8P / RJ45 connect, main machine max Directly connects up to 60 units, expandable to 250 units with extension modules , Maximum Freuency response: 20Hz ~ 20kHz or better, Signal to Noise Ration - 78db or better, Force delegate mute Approve speech applications, Temporary mute or restore delegate microphones, 4-in/1-out seamless HDMI switcher, support ing 4 cameras at 1080p@60Hz with zero, switching delayChairman and Delegate units using Intuitive function button design, no training required, easy to use One CAT5e / 8pin cable. 4.3-inch IPS color touchscreen with intuitive, menu navigation, High-fidelity sound quality by lossless audio transmission technology, 48K audio sampling rate "Hand-in-Hand Loop-Network" connections Make:val/beyer dynamic /bosch or as per approval by Bank/Architect	Nos.	1.00		0.00
6	Supply, Installation, Testing and Commssioning of Wireless 1 handheld and 1 Lapel Microphone Diversity Principle Non-diversity, single-channel system, Transmitters 1 x OS X Bodypack Transmitter with Sports Headset Microphone, Frequency Bands GB: 606 – 648 MHz; E: 823 – 865 MHz, RF Range 60m, Line of Sight, RF Output Max. 10mV Modulation Wideband FM Complete as required (Make: OSL/Shure/Sennheiser / VAI or as per approval by Bank/Architect	Nos.	1.00		0.00

7	SITC of Cable Manager/Cable cubby , Table Mount Modular Multi- Connection Solution with retractable Lid with cable pass through for 1 HDMI, 2 LAN, 2 Universal AC Poweroutlets, etc. complete as Make -Bestnet/Logic/Manhattan or as per approval by Bank/Architect	Nos.	3.00		0.00
8	Supply Installation , testing and commissioning of Digital Podium in Steel frame with latest OPS/PC 12 the generation or higher HDD/21" Touch Hydraulic screen/with Podium USB out/In/HDMI /VGA/ desktop Mic in Podium Wireless Mic. Make:Sybnergy/Globus/AHA or as per approval by Bank/Architect	Nos.	1.00		0.00
9	SITC of 4X4 Switcher having Routes 4 HDMI 2.0 sources to 2 4K HDR Ultra HD displays HDMI 2.0b and HDCP 2.2 compliant Supports up to 4K60 with static and dynamic HDR support Analog and digital audio de-embedded from output 1 Digital audio de-embedded from HDMI output or HDMI ARC Built in auto down scaling on each output Control: TCP/IP, RS-232, IR, Push button A/V switching control, automatic display control and input EDID management - Make- Bestnet /Liberty Av/ Kramer or as per approval by Bank/Architect	Nos.	1.00		0.00
10	Supply, installation, testing and commissioning of Transmitter receiver with 70m Cat.6 HDMI 4K30, HDBaseT Extender with PoC, AV Interface: HDMI, Interface Standard: HDMI 1.4, Supported Bandwidth: 10.2 Gbps, Maximum Distance: 70m (229.66ft), Maximum Resolution:3840x2160@30Hz 4:4:4 8bit, , etc.complete as required. (QUANTITY PER PAIR)	Nos.	6.00		0.00
11	Supply, Installation, Testing & Commissioning (SITC) of Enterprise Grade Hardware Based Video Conferencing Codec supporting standards-based unified communications for Board Rooms, Conference Rooms and Training Facilities. The codec shall be hardware based and support both H.323 and SIP protocols with Full HD 1080p60 video transmission and reception or better. It shall support H.264, H.264 High Profile, H.264 SVC and H.265 (HEVC) video compression standards or better, dual video stream/content sharing through H.239 and/or BFCP, adaptive bandwidth management, Forward Error Correction (FEC), automatic packet loss recovery, jitter buffering, and operate over a bandwidth range from 64 kbps up to 8 Mbps or higher. The system shall incorporate enterprise-grade audio processing including full duplex audio, Acoustic Echo Cancellation (AEC), Automatic Gain Control (AGC), Automatic Noise Suppression (ANS), lip synchronization, and support audio codecs such as G.711, G.722, G.722.1, G.729 and Opus or equivalent.Make- People link/Poly/Cisco or as per approval by Bank/Architect	Nos.	1.00		0.00

12	Supply, Installation, Testing & Commissioning (SITC) of Enterprise Grade Full HD PTZ Video Conference Camera suitable for Board Rooms, Conference Rooms, Training Rooms and Auditoriums. The camera shall be designed for professional video conferencing applications and shall support a minimum Full HD 1920 × 1080 resolution at 60 frames per second (1080p60) or better. It shall be equipped with a high-quality 1/2.8-inch CMOS image sensor or better with a minimum effective resolution of 2.07 Megapixels, delivering excellent image clarity under varying lighting conditions. The camera shall provide a minimum 20x optical zoom with an additional digital zoom capability, horizontal viewing angle of 60° or wider, vertical viewing angle of 35° or wider, and shall support automatic and manual focus, auto exposure, auto white balance, backlight compensation, low-light enhancement, wide dynamic range (WDR), and 2D/3D digital noise reduction for superior image quality. Make- People link/Poly/Cisco or as per approval by Bank/Architect	Nos.	1.00		0.00
13	Supply, Installation, Testing & Commissioning of 86" interactive flat panel, IR touch technology, IPS Panel UHD Native Resolution (3,840 x 2,160), Brightness 350 Nits; Contrast ratio 1100:1, response time :8ms, CONNECTIVITY (Input) Video / Audio HDMI (3), RGB / Audio In(Input), RJ45 (Input) USB USB 2.0, USB 3.0 (3), Touch Out(USB2.0,B Type) (2)(Output) Video / Audio HDMI (1), Optical Output / Audio Out with OPS i5 system Make - Sony/LG/Delta /Samsung or as per approval by Bank/Architect	Nos.	1.00		0.00
14	Supply, Installation, Testing and Commissioning of 65" Display panel, 4K UHD (3840x2160) Resolution, Brightness 300 nits or more, Contrast ratio 4000:1 or more, 2 HDMI, 1 USB 2.0 and Audio inputs, RS232, Ethernet and IR controls, built in speaker etc all complete as required.	Nos.	2.00		0.00
15	SITC of 17.5 Inch retractable monitor with touch screen Display with 1 HDMI & 1 RS-232 input retractable monitor with full hd display having Automatic Lifting and Tilting: The monitor raises and tilts automatically for easy viewing Control Options: Operate via panel, RS232/RS485 protocols Make - People Link /ATDS/Delta or as per approval by Bank/Architect	Nos.	1.00		0.00
16	Supply and Laying of sheiled connector for 23 AWG shielded CAT6 Cable.Make-Dlink/Molex/Delton	RM	250.00		0.00
17	Supply and Laying of sheiled connector for 2 Core 1.5 SQMM Speaker cable .Make-Krystal/Falcon/Belden	RM	100.00		0.00
18	Supply and Laying of 1.8/2 Meters 4K HDMI patch cord in existing conduit.Liberty AV/bestnet/ kramer	Nos.	5.00		0.00
19	Supply and Laying of 5-8 Metres 4K HDMI patch cord in existing conduit.Liberty AV/bestnet/ kramer	Nos.	3.00		0.00
	TOTAL AMOUNT FOR VIDEO CONFERENCING WORKS				0.00
E	SALVAGE WORK				

	SALVAGE:- Dismantling, removal and buyback of existing complete conference furniture, tables, chairs, panelling, and any other loose / fixed furniture, doors, windows with glazings etc, false ceiling, MS grills (where ever applicable); wall tiles, flooring, dado, granite cladding light fixtures, wiring, cabling, DB, server rack, AC Machine, ducts, cables, existing fire Fighting & Public address system and CCTV being dismantled, removed & including transportation etc. and making the area free from 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. The approx quantity is as stated below: (Reserve Price = Rs. 50,000 for Conference & Mini Conference) 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	L.S	-1.00		0.00
	TOTAL AMOUNT FOR SALVAGE WORKS				0.00
	TOTAL AMOUNT FOR RENOVATION OF COMPOSITE WORKS				0.00
Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. Only GST will be paid Extra					