

PRICE BID FOR PROPOSED RENOVATION OF CANTEEN, KITCHEN ALONG WITH EXTENSION OF CANTEEN AREA AT SBILD JABALPUR

PART -A					
S.NO.	Description	QTY.	RATE	UNIT	AMOUNT
1	Dismantling Doors, Windows and cletrestory windows(stell or wood) shutter including chowkhats, architrave, holdfast etc. complete and stacking within 50 meter lead. Or as per direction of Engineer-in-charge.				
	Of area 3.0 sqm. And below	31.00		Sqm.	
2	Removing of Electrical cable as per required, all works done as per directed by Engg. In-Charge of Bank officer. Including tools and safety parameter etc.	50.00		RM	
3	Demolishing R.C.C. AND BRICK WORKS manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to municipal dumping ground with all lead as per direction of Engineer-in-charge.				
A	R.C.C. WORK	1.50		CUM	
B	BRICK WORKS	22.00		CUM	
4	Dismantling of Tile/ Kota stone/ Marble, Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.				
A	Floor Area	145.00		SQM.	
B	Wall Area	100.00		SQM.	
5	Dismantling G.I. pipes (Internal & external work) including required excavation and refilling trenches after taking out the pipes manually/ by mechanical means and pipe end plug/disconnect as per requirement including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :				
	Pipe Dia. 15mm to 40mm	60.00		RM	
6	Dismantling aluminum/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including electrical point/line disconnect as per directed by Engg. In-charge, disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	270.00		SQM.	
7	Excavation for foundation of walls, column footings, pile caps, raft, foundations, plinth beams, steps, water tanks, cess pits, etc., in all types of soil including soft or hard moorum, boulders (upto 0.10 cum) shoring the sides wherever necessary, bailing out of water and keeping the foundation trenches and pits dry including filling back the trenches by selected earth in layers not exceeding 25 cm., watered and consolidated, spreading the surplus material within plot and carting away the surplus materials out of site, all complete as directed upto 2.00 m.				
	Soft Rock excavation upto 2.0m depth	6.00		CUM	

8	FILLING- STONE DUST				
	Providing and Laying, Filling in plinth and plinth protection with selected earth including Stone crusher Dust as per sample approved brought from outside (at contractor's cost) in layers not exceeding 20 cm. thick, including watering and consolidating complete as directed.				
		6.00		CUM	
9	P.C.C.				
	Providing and laying P.C.C. 1:3:6 level ling course with 25/30 mm down gauge aggregate, in foundations, pits, raft etc. below plinth including consolidation, curing etc., complete.				
		4.00		CUM	
10	Chemical ReBaring in Existing R.C.C. Structure				
	Providing and fixing at site chemical ReBaring make Hilti-HIT-RE-500 including proper drilling, Cleaning, chemical, equipments as required, manpower and pull test. Excluding reinforcement only, complete in all respect. Works as per directed by In-Charge. NOTE:- ALL SAFTY EQUIPMENTS, SCAFFOLDING & WORKING PLATFORM UP TO REQUIRED HEIGHT IN VENDOR SCOPE.				
	Dia. 16mm	35.00		EACH	
11	Repairing work				
	Removing existing stone cladding from the wall surfaces as directed including restoring the damaged cladding. Surface with the near stone of same colour & shade in position as per required ht. including required cement mortar or plaster as per directed by engg. In charge. Complete in all respect. NOTE: Stone cladding sample approved by Engg. In charge or Bank Officer.				
		35.00		SQM.	
12	R.C.C. Work in Plinth				
	Providing & casting in in situ CC 1:1½:3 in Columns footings, raft slabs etc. as per design and drawings, including necessary formwork, centering shuttering, mechanical compaction, etc. complete with curing (Rate exclusive of reinforcement)				
		5.00		CUM	
13	BRICK WORK -200MM THK.				
	Providing and constructing Brick masonry 200mm thick with Chimney Ghol bricks with cement mortar 1:4 of 12mm thick joints with best quality locally available approved bricks minimum crushing strength 70 Kg/CM²) in superstructure at all height & levels, including striking joints, scaffolding, curing, etc. complete as directed.				
	AT LVL UP TO 4.2M HT. FROM PLINTH LEVEL.	10.00		CUM	
14	BRICK WORK -100MM THK.				

	Providing and constructing half brick masonry at all height & levels, places wherever required, including under kitchen platform, shelves, etc., with best quality locally available bricks (preferably flyash Bricks having minimum crushing strength 35 Kg/CM ²) in CM1:4 including providing R.C.C. 1:2:4 patti at mid height with 2 Nos. 6 mm. bars (height between two patties not exceeding 1.20m) including striking joints, scaffolding, curing etc. complete as directed.				
	AT LVL UP TO 4.2M HT. FROM PLINTH LEVEL.	6.00		SQM.	
15	STEEL REINFORCEMENT				
	Supplying and placing in position Tested Quality TMT reinforcement bars of all diameter as per structural drawing including cutting, bending & fabricating including tying using good quality binding wire and/or welding at all heights and locations for R.C.C. work, including dowels of required diameters and lengths as per design & as directed, providing required cover with concrete briequests, spacer pieces, chairs, etc. as required complete.				
	a) High Tensile TMT bars	500.00		KG	
16	PLASTER				
	INTERNAL PLASTERING Providing and applying 12/15mm avg. thick smooth finish cement Plaster in cement mortar 1:5 to all internal walls, ceiling using fine sand and adding polypropylene fiber of approved quality in desired quantity per bag of cement as per manufacturers specifications complete. Rate includes providing chicken mesh/glass fiber mesh to all joints of RCC members with Brick walls in all positions in line, level & plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc complete as directed at site.				
		66.00		SQM.	
17	EXTERNAL PLASTER Providing and Applying 15-18mm thick cement Plaster in cement mortar 1:4 with fine sand, apply chicken mesh all joints RCC to Bricks, all positions in line, level & plumb on all external wall surfaces and at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc,including complete material and labour including curing for 48 hours, roughening the surface of base coat to make proper bonding to final coat				
		45.00		SQM.	
18	PAINTING				


	<p>WEATHER COAT EXTERIOR EMULSION PAINT(APEX ULTIMA)</p> <p>Providing and applying two or more coats of Apex Ultima or equivalent make weather proof exterior emulsion paint of required shade after thoroughly brushing the surface free from mortar dropping and other foreign matter, including one or two coats of primer, applying two coats of Birla White putty including preparing the surface even and sand papered smooth etc. necessary scaffolding at all level, complete as directed at site. NOTE:- ALL SAFTY EQUIPMENTS IN VENDOR SCOPE</p>	45.00	SQM.	
19	<p>INTERIOR ACRYLIC PLASTIC EMULSION PAINT</p> <p>Providing and applying on walls & ceilings two or more coats of interior Plastic Emulsion paint (Asian / Berger or equivalent) of required shade after thoroughly brushing the surface free from mortar dropping and other foreign matter, including two coats of primer and two or more coats of Birla white putty including preparing the surface even and sand papered smooth etc. necessary scaffolding at all level, complete in all respect. NOTE:- ALL SAFTY EQUIPMENTS IN VENDOR SCOPE</p>	60.00	SQM.	
20	<p>GRANITE STONE</p> <p>Providing and fixing 18 to 20mm thk. Jet Black or any other approved shade machine cut, mirror polished, premoulded Granite stone to the Lift Door frame and similar locations in required shape and size laid over 25mm thick cement mortar 1:5 base and fixed with neat cement slurry, filling joints with matching pigment epoxy base joint filler compound, including curing, molding and mirror polishing to edges complete as directed at site.</p> <p>Note: The Granite to Door frame to be provided in one piece and minimum 7'0" in length. The rate to include cutting grooves, full molding, Aerolites bond etc.</p>	4.50	SQM.	
21	<p>VITRIFIED FLOOR TILES</p> <p>Providing and Laying 1200mm x 600mm premium quality Vitrified Tiles of RAK / SOMANY / Nitco / Johnson / Simpolo or equivalent approved make in flooring and skirting laid over Cement mortar bedding fixed with neat cement slurry including filling joints with epoxy joint filler compound, curing etc. complete as directed at site. Note:- All Skirting Tiles mode of measurement in SQM. And Tiles are in Double Charge</p>	145.00	SQM.	
22	<p>KOTA STONE FLOORING</p>			



	Providing and laying 25mm to 35mm average thick minimum 550x550mm size Kota Stone flooring and skirting over 20mm (Average) thick cement mortar 1:5 base fixed with neat cement slurry, filling joints with grey cement mixed with pigment and epoxy based joint filling compound to including finish polishing complete in all respect.	46.00	SQM.	
23	Ceramic wall tiles			
	Providing & fixing 1st quality ceramic wall tiles of size 300mm x 600 / 450mm of Kajaria / Somany / Simpolo or equivalent approved make and shade including digital print on walls over 20mm thick CM 1:4 backing plaster. Tiles to be fixed with neat cement float and filling joints with white cement slurry mixed with epoxy base joint filling compound with pigment to match the shade of tiles with including all wastage, finishing, polishing and cleaning etc. complete. (The edges at corners to be chamfered to prevent visibility of tiles thickness).	75.00	SQM.	
24	FLUSH DOOR DOUBLE SHUTTERS & SINGLE SHUTTER			
	Providing and fixing 35mm thick factory made Solid Core Flush Door Shutters of approved make (ISI mark confirming to IS:2202) as per sample approved including providing 6mm thick TW lipping all around on edges. Both faces of the shutter duly laminated with 1mm thick approved quality and shade laminate. The rate includes necessary screw/fasteners, hardware and the cost of polishing/painting of edges of shutter complete with following hardware fittings per shutter:			
	(i) 3 Nos. 125mm x 3mm SS Butt Hinges.			
	(ii) 2 Nos. Anodized Alum. Tower Bolt-200mm long.			
	(iii) 2 Nos. Anodized Alum. Aldrop 300mm long with minimum 20mm shoot.			
	(iv) Aluminum Door Stopper			
	(v) 8 mm thk. Clear glass Vision panel at required height and size as per Architectural drawing, fixed with approved quality molded T.W. beading including polishing, enamel painting of beading complete as per sample approved.			
	(vi) Door Closer both shutters approved make	9.00	SQM.	
25	TOUGHENED GLASS FRAMELESS PARTITIONS			

	Design, Providing, installation and fixing 12 mm thick Toughened Glass(Glass Make:- Saint Gobain) partitions upto 3.00 M with proper machine edge finish in angle & fixed in the flooring with Aluminum 'U' channel & flushed with the ceiling. Glass panels to be formed as per approved modules 12 mm thick clear toughened glass edge polished and accurate designed holes to be installed by means of steel angle or spider fittings of an approved make Saint Gobain / Asahi or equivalent. The structural Glass walls system shall be complete with proper water tight silicon sealants /gaskets.S.S Brackets to support the structure system shall be hot dipped galvanized and slots in the brackets to be pre drilled not flame cut. All bolts,nuts,washers shall be 300 series non magnetic stainless steel and lock washers to be provided at all bolting connections. All anchor fasteners shall be of Hilti/Fisher make. All structural silicone shall be of Dow Corning make. The Rates includes all material, Labour, Wastages, Cost of scaffolding, fixing Finishing etc.complete.	45.00	SQM.	
26	FALSE CEILING			
	Providing and fixing Gyproc FRMR is a Fireline board with water repellent additive in the core. Gyproc FRMR consists of an aerated gypsum core with glass fiber, water repellent and other additives encased in, and firmly bonded to strong paper liners. Gypsum Board suspended false ceiling, which includes providing and fixing G.I. Perimeter channels of size 0.55mmthick having 1 flange of 20mm another flange of 30mm & a web of 27mm along with perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610mm centers. Then suspending G.I. intermediate channels of size 45mm, 0.3mm thick with two flanges of 15mm each from the soffit at 1220mm centers with steel expansion fasteners. Ceiling section of 0.55mm thickness having knurled web of 51.5mm and two flange of 26mm each with lips of 10.5mm are then fixed to the intermediate channel only gypsteel frame work to be used at 457mm center 12.5mm tapered edge Gypboard screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the suitable Board 8.0mm thick are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edges of the board with jointing compound, paper tape and two coats of primer. Provision for light fittings, grills and other fixtures to be made as per standard arrangements. Note:- Trap Door provide if required location including all types of accessories.	125.00	SQM.	
27	SUSPENDED FALSE CEILING			

	Supply & fixing of tiles false ceiling system open cell tile of size 600x 600mm manufactured out of glass reinforced gypsum with non combustible to gypsum casting plaster reinforced with glass fiber. Tills to be installed on a standard 600 x600 mm grid made up of main runner at 1200mm and cross tees of 600mm roll farmed from galvanized steel having zinc coating as per BS 298892-18 so as to be provided with slab in couplings for installation. the grid is to be suspended from the roof with GI wire rods or quick adjustment suspension hanger at maximum 1200mm distance along with main runners.Trac/Arm strong, Hunter Douglas or Other approved brands tiles shall be lain in mounting from below on the standard grid. Hanger to be fixed to roof by steel expansion fasteners etc all complete. The rates includes the cost of all material labour ,wastages cost of scaffolding etc complete. Note:- Ceiling grid approved by Architects Office.	22.00		SQM.	
28	PARTITION UPTO SLAB BEAM OR CEILING BOTTOM LVL.				
	Providing & fixing wooden partitions (double skin) full height with aluminum frame 50mm x40mm or 50mmx50mmx1.2mm under frame @ 900MM bothways with 8 mm thick MR Ply fixed on both faces, with laminate 1.0 mm thick on all exposed faces(Bothsides). The panels shall be equally divided and shall have provision of openable door 900/750mm wide with butt hinges etc. complete. The glass panels 6 mm thick shall be fixed with mouldings/ leaping as per design. The under frame shall be properly anchored with the beam bottom/ ceiling by anchor fasteners for a strong and sturdy partition. The surface shall be painted or fixed with laminate as per architects drawings. The rates shall include all material, hardware, wastages, labour, cost of polishing & painting etc complete. Mode of Measurment only one side exposed surfaces.	44.00		SQM.	
29	Providing and constructing Inspection Chambers of approx size 450 x 900mm in 200mm thk. brick thick walls(Mortar 1:4), including providing plaster Both faces, 1:4 cement sand mix in single coat about 12mm and with heavy duty CI cover with frame (Weighing 75 Kg) as per sample approved. The rate should include Chamber Raft Slab(M-20 Concrete grade) 100mm thk. with Steel Reinforcement and necessary earthwork in excavation, disposal of surplus material as directed, laying P.C.C. 1:3:6, 100mm thick leveling course, making neat cement finish smooth benching, hunches, channels etc. in CC 1:2:4 complete for smooth flow as required. Rate to include for making connections to stone ware/PVC pipes of minimum 150 mm dia in the brick wall complete.	1.00		EACH	

30	Providing, Fixing & jointing below ground Unplasticized non-pressure polyvinyl chloride (PVC-U) pipes SN4 (SDR 41, stiffness class 4 KN/m ²) for use in underground drainage & sewer systems confirming to IS:15328/2003 including fittings (Sockets, tees, bends, collars, crosses reducers, Bends, Y-shapes and required accessories etc.) of approved make including required excavation up to depth 750mm, 10mm thick P.C.C (1:3:6) bedding, including encasing the Pipe with 50mm thk. PCC around the pipe, cutting and making good masonry or concrete walls wherever necessary, making connection with sanitary fittings and inspection chambers/gully traps etc. complete including providing slope as per given drawing, testing of pipelines as per specifications up to the satisfaction of Engineer In-charge.				
A	150mm / 160mm DIA. PIPE	6.00		RM	
B	110mm / 100mm Dia. Pipe	20.00		RM	
C	80mm / 75mm Dia. Pipe	30.00		RM	
31	Providing and Fixing 150mm square-mouth S.W.Gully Trap grade 'A' complete with C.I. Grating , Bed P.C.C.(1:4:8) 100mm thk., 100mm thk. Bricks masonry(using well burnt approved quality bricks) chamber depth as per gully trap with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design fixed in minimum 50mm thk. C.C. 1:2:4 complete as directed. Note:- All Chambers 100mm offset from floor level or Directed by Engg. In-Charge.	3.00		EACH	
32	Providing and fixing in position Chlorinated Polyvinyl Chloride(CPVC) pipes and fittings having thermal stability for hot and cold water supply including all CPVC plain and Brass threaded fittings i/c fixing the pipes with clamps at 1.00 M spacing . This rate includes jointing of pipes with one step CPVC solvent cement, cost of cutting chases in wall/floor etc. and making good the surface for Concealed piping work etc.complete.				
a)	15 mm dia. nominal bore	0.00		METRE	
b)	20 mm dia. nominal bore	50.00		METRE	
c)	25 mm dia. nominal bore	100.00		METRE	
d)	32 mm dia. nominal bore	10.00		METRE	
33	Providing and fixing CPVC Schedule80 BALL VALVE approved quality, including necessary fitting and required for connections.				
a)	For 20mm NB	2.00		EACH	
b)	For 25mm NB	4.00		EACH	
c)	For 32mm NB	1.00		EACH	

34	Providing and fixing in position White Vitreous China WASH Hand BASIN WITH HALF PEDESTAL(WALL HUNG) SIZE:- 560X470X190MM , Fixed with anchor fastener bolts, required dia CP Brass waste coupling with required length of PVC connections drain pipe including cutting and making good the walls including providing required fasteners and other fittings, testing etc. complete as directed by Architect/Engg. In-Charge. Sample approved by Architects. Make:- Jaquar (ARS-WHT-39801 WALL HUNG BASIN WITH FIXING ACCESSORIES SIZE:- 560X470X190MM, ARS-WHT-39305 HALF PEDESTAL WITH FIXING ACCESSORIES FOR ARS-WHT-39801) / HINDWARE / PARRYWARE OR EQUIVALENT AND APPROVED BY ARCHITECTS.	2	EACH	
34-A	Providing and fixing Pillar Cock - Quarter Turn, make:- Jaquar (FLR-5011N), Parryware, Hindware or Equivalent and approved by Architects.	2	EACH	
34-B	Providing and fixing Angular Stop Cock with wall Flange including connection Pipe heavy duty , make:- Jaquar(FLR-5053N)), Parryware, Hindware or Equivalent and approved by Architects.	2	EACH	
35	providing and Fixing SS Cockroach Trap(SS 304 Grade), size:- 250mmx180mm approx. with proper junction attached with drain line.	2	EACH	
36	Providing and Fixing 2-way Bib Cock - (Make:- Jaquar-Clarion series half/quarter trun- 2-Way Bib Cock with wall flange-CON-041 KN) including extension nipple, plug as required, Teflon tap, warranty period replacement etc. Note:- All Items make:- Jaquar-Clarion or Equivalent as per sample approved.	4	EACH	
37	CHAIRS FOR DINING HALL			
	Providing & laying at site or work shop, SS make in Grade-304 chairs for Dining hall. Specifications are frame made of SS make(grade 304) heavy duty pipes, flats etc. including good quality of welding, buffing finishing in good quality. Seating members options are in Wooden, Cushion with fabric, Moulded Good Plastic. Note:- Option selected by Architects or Client			
		80	EACH	
38	MANAGER CHAIRS			
	Providing & laying in position Low Back chairs with Armrests, swivel and Tilting arrangement, Gas lift arrangement should be BIFMA certified. Base should be chrome / Aluminium of approved shade and Quality. Chairs to be of standard make , WIPRO-MINT / GEEKEN- GA535-A / GODREJ- D zire or Equivalent make	1	EACH	
39	TABLES FOR MANAGER CABIN			

	Providing and placing in position table as per details given in interior drawings. It shall be made in teak wood & 19 mm thick MR PLY(Moisture Resistant Ply-as per IS:303) with 1.0mm thk. laminate on exposed faces having 500mm wide cabinet with drawers and openable shutters as per drawing. Top shall be in 25mm commercial board with 1 mm thick laminate on top and 40 x40 mm teak wood moulding and teakwood inlay top wherever specified as per the drawing. The job shall be completed including, Superior quality Teak wood beading/moulding & skirting etc. The rates shall include all material, labour, wastages etc. complete. and including 8 mm thick clear glass top on table.				
	TABLE (Size 1.35x0.75x0.75)	1		EACH	
40	LOW HT. STORAGE UNIT				
	Providing and fixing Low ht. Storage units of size 450mm(DEPTH) x 750mm(HT.), made up of 19mm MR Plywood of approved brand on top, Bottom & vertical support and finished with 1.0mm thick laminate of approved brand with shade on side and top. The storage units shall have openable / sliding shutters made up of 19mm thick MR Plywood and finished in 1.0mm thick laminate of approved brand with shade. The storage units shall have intermediate vertical shelves made in 12mm thick MR Ply. All exposed edges to have teak wood lipping of required size, stained to match the desk and melamine finished. All inner surface to be finished with 0.8mm(approx.) thick laminate in white colour as per approved brand. The works to include all hardwares such as : castors, brass hinges, ball catchers, locks, handles etc. of Godrej or approved Make of MR Plywood:- Century / Green / Archidply or Equivalent. and Laminate :- Greenlam / Centurylam / Archidlam or Equivalent.	2.50		SQM.	
41	TABLES FOR DINING HALL				
	Providing & laying at site SS make TABLES for Dining hall. Specifications are frame made of SS make(grade 304) heavy duty pipes(Round, Square or Rectangle), flats etc. including good quality of welding, buffing finishing in good quality. TOP members options are in minimum 25mm thk. Wooden form or 30mm thk. Mr Plywood with 1.0mm thk. Laminate edges shape in round (Inside table top 0.8mm thk. laminate) or 12mm thk. Toughened Glass including all sides of edges are proper finishing and polished, all fitting are in SS make.. Note:- Option & Design selected by Architects or Client				
	DINING HALL				
	 1500mm x 900mm	5.00		EACH	
	 750mm x 750mm	13.00		EACH	
42	VERTICAL BLINDS FOR WINDOWS FOR DINING HALL				

	Providing and fixing 25mm Vertical Blinds manufactured by VISTA/HUNTER DOUGLAS or equivalent to the following specifications:			
	The head channel shall measure 30mm wide and 27.6mm deep with a nominal wall thickness of 1.2mm to 1.4mm extruded from patented 6063-T5 alloy finished in clear anodisation to a thickness of 20 microns.			
	The SPLINE SHAFT shall be a tri-lobular patented aluminium extrusion of 5053-T5 alloy.			
	The SLAT TRAVELLE assembly shall be moulded from an imported high engineering grade plastic & shall incorporate a gear clutch designed to prevent damage to the assembly. Slat hooks shall be removable to allow replacement where required without dismantling the tracking system.			
	The SLAT SPACER LINK shall be moulded from imported high engineering grade plastic and shall couple the slat travelers together in a predetermined spaced relationship and to allow equal overlap (minimum 2mm) between slats across the width of the shade.			
	The TILT CONTROL shall be by means of imported braided nylon cord with 3.25mm diameter engineering grade plastic balls moulded co-axially to it on 4.4mm c-t-c distance by pulling on the ball chain connected to a pulley.			
	The SLAT CARRIER shall be of moulded nylon and shall be suitable for snap insertion into the hook of the traveler assembly.			
	The BOTTOM LINKAGE CHAIN shall couple adjacent slat to the base to minimize differential movement of slats.			
	The CHANNEL MOUNTING BRACKET shall be press formed angle brackets and provided with holes for fixing screws & nuts attachments of the channel mounting clips. Finish shall be clear passivated Zinc plate.			
	The Fabric slats shall be slit in 100mm width and provided with bottom pockets for housing bottom weights which are coupled together by means of endless bead chain pivotally attached by clasps to each side of each weight. The clasp shall be self release from the bottom weight when the chain is subjected to accident load. Slat overlaps shall never be less than 12mm minimum.			
	The bottom weight shall be moulded from high quality plastic and shall weight not less than 32gms. Each, to ensure constant tensioned straightness of the fabric slats.	93.06		SQM.
43	Providing and laying Kotah/Rajim black stone shelves 30mm thk. Avg. for base of platform Granite Stone, making necessary cut out for for SS sink, provide suitable sleeve for gas pipe etc. complete as directed. Note:- Stone for platform base, minimum length of 6' and 2'6"	18.00		SQM.

44	GRANITE STONE (JET BLACK) Providing and fixing Granite Stone 16 to 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias, urinal Partition and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement , mixed with matching pigment , epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc complete at all levels. samples approved by Engineer-in-Charge. Note:- Necessary cutout for SS Sink.	18		SQM.	
45	Providing and fixing steel Kitchen sink-Glossy (Nirali or Equivalent) make:- Eureka Deluxe Big) Over all size are 820mmx510mm(32.5" x 20") Bowl size are 28.5"x17"x8.5" on the kitchen platform including providing and fixing base coupling, waste pipe, Bottle Trap and Drain Pipe up to Trap etc. complete with cleaning and finished as per directed by Engg. In-Charge.. Make:- Nirali Sink, Sample approved by Architects or Site In-charge	1		EACH	
46	Providing and Fixing Sink Cock with Regular Sewing Spout(Wall Mounted Model) with Wall flange. Make:- Jaquar(FLR-5347N), Parryware, Hindware or Equivalent and approved by Architect.	1		EACH	
47	P/F 100 mm dia heavy quality approved make PVC Nahani trap with 75 mm dia outlet , embedding the trap in cement concrete using 1: 3 : 6 mix with 20 mm metal complete including joining effluent pipe etc, and fixing 125 mm dia CP brass grating etc. complete.	1		EACH	
48	Providing and fixing 750x600mm bevelled edge mirror of superior glass approved quality complete with 6mm thick asbestos sheet ground fixed to wooden cleats with C.P. brass screws and washers. Or stud fitting as per instruction of Engg. In-Charge.	2		EACH	
AMOUNT OF PART - 'A'					
PART - B					
ELECTRICAL WORK					
	Note: Use of Flexible conduits & Elbows in Circuit wiring is not allowed except in exceptional site conditions with the approval of Bank's Engineer / Architect and All wiring laying in the MS/PVC conduit strickle follow IE(Indian Electricity) rules follow in all items of project/ work execution. Proper ferrules, lux, thimble , gland termination to be done in all cabling & wiring from both load/source end. Conduit carrying submain will not carry circuit/point wiring. Similarly conduit carrying circuit wiring will not carry submain/point wiring. Conduit carrying point wiring will not carry submain/circuit wiring.				
49	ELECTRICAL WIRING				

	<p>Providing, fixing, testing and commissioning of POINT WIRING of any length for light point/Wall fan point/Exhaust fan point/ Call bell point/ including call bell/ including fan box(if required), 'S' type fan hook etc with 1.5 Sq.mm(P/N/E) PVC 650V/1100V Grade FR insulated copper conductor single core multi stranded wire in 16 SWG(Medium Gauge) stove enamelled rigid steel conduit 20mm/25mm with conduit accessories like bend, junction box etc in concealed/surface manner as per site requirement with suitable Modular Switches/sockets with plate and Metal/PVC box, Scaddle, angle bracket (if required), 3 plate ceiling rose/bulb holder etc. The floor/roof/wall junction box should be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. The item includes Circuit wiring from DB to the switch board with 3x2.5 Sq.MM. The above wiring carried out surface or recess in wall/floor/roof should be cutting by cutter/chisling, replastering, curing, painting with uniform and smooth finish by specialised workman ship and making the surface neat afterwards complete in all respect as per direction of Bank Engg. (EACH Circuit to take NOT MORE than 7-8 points) The conduit/ Flexible conduit/junction box/metal modular box etc must be joined by gland and check nut at both ends. (each circuit to be controlled by one MCB). The colour code of wire are as under: Phase- Red, Neutral- Black, Earth-Green Make of Material for items of BOQ:- (i) Modular Type Switch/socket/step electronic fan regulator, plate, box, TV/telephone, bulb holder/3 pin ceiling rose with all accessories:- Lergand/ Anchor(Roma)/MK/ Crabtree</p>				
a	Providing and fixing of point wiring with above specifications. One light point controlled by one switch.	60		Nos.	
b	Providing and fixing of point wiring with same above specifications. Two light points to be controlled by one switch.	15		Nos	
C	Providing and fixing of ceiling fan point controlled as under (i) one 6 amp switch (ii) one no stepped electronic regulator of two module type.	18		Nos.	
d	providing and fixing 6 Amps Plug Points with same specs as above and install along with same light switchboard	15		Nos	
50	6 AMP. POINTS ON SEPARATE BOARD :				
	Supply,fixing,testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch (Modular type) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed. (Minimum two and Maximum three points are loop with one circuit as mentioned beolw)	18		Nos	
51	Power Wring (6 / 16 AMP. POWER POINTS)				

	Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No.six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate , sheet steel box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed. (Maximum two points are loop with one circuit as mentioned below)	20		Nos	
52	SPECIAL POINTS : (For Computers/ TV)				
	Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate, PVC modular box on Surface / sheet steel box in concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed. 2 Nos. 6 A Switch + 3 Nos. 6 A, 3 pin Socket (Minimum two and Maximum three points are loop with one circuit as mentioned below)	4		Nos	
53	AC/Geyser Point (Single Phase)				
	Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings : Metra Plug and Socket DBs with one Nos 20 Amp SP MCB, 20 Amp plug and socket with complete Enclosur plate and box.- 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as required as per site requirement and as directed by Bank Engineer. OR Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket (Only one point is connected with one circuit as mentioned below)	12		Nos	
54	AC Point/ Machine of 3 Phase (Three Phase)				
a.	Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. Cassette power point with the followings : Metal enclose Four way with one Nos 32 Amp FP MCB with complete Enclosur plate and box.- 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. (Only one point is connected with one circuit as mentioned below)	1		Nos	
55	CIRCUIT WIRING :				

	<p>Supplying, providing circuit wiring for Power/UPS with following PVC insulated copper conductor single core multi stranded wire (HRFR) in mentioned conduit i/c electrical connections in suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia,16 SWG (Medium Gauge) thickness rigid MS conduit with conduit accessories like bend/junction box/ fan box etc with cover plate, sheet steel box/ PVC modular box etc on surface/ concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box should be of MS (heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. The length of circuit upto 30 meter length or less as per site condition/requirement. Make of Material</p> <p>(i) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision</p> <p>(ii) PVC insulated copper wire (FR) 650V/1100 V grade:- Finolex/RR cable/ Havells</p>				
a	3 X 2.5 sqmm (For UPS Circuit/6 amp Separate Board) in suitable size of 16 SWG (MMS) steel conduit as per IS code.	18		Nos	
b	3 X 4.0 sqmm (For AC/Power Circuit) in suitable size of 16 SWG (MMS) steel conduit as per IS code.	28		Nos	
56	UPS OUTGOING & OTHER WIRING, As Per Requirement.				
a	3 X 1.5 Sqmm copper multistrand wire in suitable size of 16 SWG (MMS) steel conduit.	5		R.Mtr	
b	3 X 2.5 Sqmm copper multistrand wire in suitable size of 16 SWG (MMS) steel conduit.	5		R.Mtr	
c	3 X 4 Sqmm copper multistrand wire in suitable size of 16 SWG (MMS) steel conduit.	5		R.Mtr	
d	3 X 6 Sqmm copper multistrand wire in suitable size of 16 SWG (MMS) steel conduit.	5		R.Mtr	
57	DISTRIBUTION BOARDS				
	All MCB to be "C" series				
	Supply, installation, Testing and commissioning of the surface/recess mounting following ways MCB DB's 230/415 Volts with tinned copper busbar, neutral bar, earth bar, din bar detachable gland plate, interconnection and making good all the damages, painting, cleaning the site etc complete as required as per site requirement. All MCCB has braking capacity is 25KA and ALL MCB/ELCB has braking capacity has 10 KA.				

a	<p>Supplying, installation, testing and commissioning of indoor type , sectionalised, compartmentalized, MV Panel board of suitable size fabricated from CRCA sheet of 2 mm thick for frame work,enclosure and doors, 3 mm thick for gland plates with stiffers where required, having vibration free structure chemically treated with seven tank process before painting for surface treatment and powder coated,with aluminum busbar with DMC / SMC busbar supports suitable for 3 Phase 415 V 50 Hz AC supply i/c providing and fixing the following switchgear mounted thereon complete with gaskets and interconnections, connection as per specification complete as required.</p> <p>(The board shall be dust & vermin proof with suitable degree of IP protection) NOTE : All switchgears Ics shall be equal to 100% Icu.</p> <p>Sheet 14 swg : panel sides,upper,lower,and Ft.doors Sheet 16 swg : back side and compartments. Glande plates : 3 mm thick. Cable entry : Provision at bottom and upper sides. The above panel belongs following as under: A. 4 Nos. 300 Amp. Electrolytic grade Aluminum Bus Bars insulated with colored Heat Shrinkable PVC Sleeves & duly supported on SMC/DMC molded supports with Antitracking barriers for Both Incoomer supply. B.INCOMING SWITCHGEARS :(RYB LED Indicators for Both Main/DG) (i) 1 No. TP. 200 Amp , 25 KA MCCB with thermal magnetic trip unit, Digital Voltmeter with 300 amp Bus bar with indicators.</p>	1		Nos	
b	<p>Providing & fixing 4 way vertical load line double door D.B for AC with 100 Amp. TP MCCB incoomer and outgoing to be 12 Nos 32 amp SP MCB</p>	1		Nos.	
c	<p>Providing & fixing 6 way vertical load line double door D.B for AC with 100 Amp. TP MCCB incoomer and outgoing to be 18 Nos 32 amp SP MCB</p>	1		Nos	
d	<p>Providing and fixing 6 way TPN double door DB for LIGHT /POWER POINTS with 63 Amp TPN , controlling 18 Nos. 10/16 Amps SPMCBs. & Complete.</p>	2		Nos	
e	<p>Providing and fixing 4 way TPN double door DB for Light/Power with 63 Amp TPN , controlling 16 amp SP MCB 6, 32 amp -6 nos Nos & Complete.</p>	1		Nos	
58	CABLES				
	<p>Supplying, unloading, storage, laying, testing and commissioning of PVC/XLPE insulated (Heavy Duty) Al/Cu conductor armoured cable suitable for working voltage upto and including 1100 V grade, laid and tied on existing overhead cable trays, or laid and tied over MS supports in masonry trenches with copper/al cable lugs, single compression brass cable glands, tapping, crimping etc. as required and all cables run with double run(2 No.) of GI wire of 8 SWG size.The size of cables are as under:- Make of Material:- (i) PVC/XLPC Armoured cable:- Finolex, Havells, RR cable, CCI(Cable Corp. of India) (ii) Cable Termination:- Dowells, Comet</p>				
a	3.5 X 50 Sq.mm XLPE. Al. armoured Cable(AC VTPN & BUS BARS)	80		Mtr	
b	4X 25 Sq.mm XLPE.Al.armoured Cable (POWER)	50		Mtr	

c	4X 16 Sq.mm XLPE.Al.armoured Cable (LIGHT/FANS) SUPPLY	40		Mtr	
59	EARTHING				
(i)	G.I.Plate EARTH STATION : Preparation of the Plate Earth Station: (as per IS:3043) (a) Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm x 1000 mm x 2500 mm deep. (b) S/F of G.I. plate of size 600 x 600 x 6.0 mm thick. (c) S/F fixing 50 mm x 6 mm, 3 mtrs G.I. strips from G.I.plate to earth terminal including brazing / welding at plate etc. (d) Supplying and laying in position 19 mm, 2 mtrs G.I. `B' class pipe for watering.with reducer/funnel with mesh. (e) S/F of the following in the earth station. 75 Kg. Charcoal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work concrete, plastering, S/F of C.I. Cover of size 12" x 12" complete as per site req.and marking its value and identification etc.	2		Nos	
(ii)	(b) G.I.Strip 25 X 5 mm	10		Mtr	
(iii)	Supply and laying of 10 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required.(Dedicated Earthing for UPS output DB only)	20		Mtr.	
60	OCCUPANCY SENSORS:- Supply, installation , testing and commissioning of occupancy sensor surface/recess mounted as per site condition complete with all wiring/conduit/Switch etc complete in all respect as per site condition as required Honeywell Make K5015/16, Siemens/Johnson Control OR Equivalent as per Bank's approved.	4		Nos	
61	TELEPHONE POINT				
	Supplying, Installation, testing and commissioning of the telephone point with the followings				
(i)	Two pair, 0.61 mm dila. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia,16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages,replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Make of Material:- Delton/Finolex/RR cable	4		Nos	

(ii)	Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tinned phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. (A) 10 Pair tag block	1		Nos	
(iii)	Speaker Cable: Supply and laying of 2 core 1.5 sqmm PVC insulated Cu. Cable for loudspeaker in Medium gauge PVC conduit with all necessary accessories. Approved make- Klots/Beldon/Kramer	100		Mtr	
62	DATA CABLING FOR LAN				
a	Providing, fixing, testing and commissioning of all nodes of four pair UTP CAT 6 LAN cables length upto 30 meter length or less as per site condition in suitable size 20/25 mm dia, 16 SWG wall thickness rigid PVC conduit with conduit accessories like bend/junction box/ fan box etc on surface/recessed manner and making good all the damages, painting, cleaning the site etc complete as required as per site condition and as directed as required. Junction box should be covered with Stainless steel plate with screw with gasket for protection of water/dust. Providing, fixing, testing and commissioning of modular type Information Outlets with suitable size of MS/PVC modular boxes complete, all accessories with insulation displacement connectors etc suitable for CAT 6 UTP cabling with RJ-45 socket with testing and commissioning of STP cabling with scanner for all the nodes/switches/jack panel complete (Each point/circuit/cable from both load and source end to be marked with ferrules.) Make of Material:- (i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link, Legrand	4		Nos	
b	Providing, fixing, testing and commissioning of four pair CAT 6 LAN cable in suitable size of 20/25mm PVC medium gauge 16SWG conduit including all accessories to interconnect the switches from different location.	50		Mtr	
63	TV POINT:-Supply, installation, testing and commissioning of TV point (Modular) with RG-6 cable in the Medium Gauge 1.6 mm PVC Conduit with all accessories complete in all respect	4		Nos	
64	Supply and installation of Vinyl sticker for on Electrical DBs like, " Switch Off at Night" , Switch Off For Safety, etc	10		Nos	
65	Making & Providing of 3 sets of Asbuilt Drawing with coloured print for entire Electrical work (Power/UPS/Light/Data/Telephone/AC etc.) as advised by the Bank's Authority.	1		Lum sum	
66	LIGHT AND FAN FIXTURES				
	Light / Fan Fixture				

	Supply and Installation, Testing and commissioning of the following fittings / equipments in surface/recess mounted as directed etc down rods of size upto 300 mm where ever required with ball sockets, anchor fastner etc complete as per site conditions. All fittings should be hang with suitable size of GI wire to four corner of fittings to the RCC rooftop with suitable size of anchor fastner/heavy gauge screw. The necessary arrangement is made by the contractor to install fittings in false ceiling especially 2'X2' and 4'X1' etc. as per instruction of Bank Engg.				
(a)	LED LUMINAIRES:- 2' x2' (FULL GLOW TYPE) LED light fittings (600 X600mm) dimension suitable for grid/gypsum ceiling complete with its electronic driver as required per instruction of Bank's Model No are as under:- PHILIPS:- RC380B G2 LED 35S-6500 PSU OD WH LED (FULLGLOW) WIPRO:- CRCO10RO 38 HP57 HAVELLS:- LHECDIL7IL1W036 (Edge- Lit) CG:- LCTAR3-40-CDL	22		Nos	
(b)	LED DOWNLIGHTER: 15 Watt, recessed mounted circular down lighter , 6" dimension with complete its electronic driver are as under:- PHILIPS:- GREENLED-DN193B LED-12S-6500 PSU WIPRO:- IRIS LED LD 71-121-XXX-50-XX HAVELLS:- LHEBJNP ZPZ 1W 015(ENDURA LOW DEPTH) CG:- LC DD-15-CDL,	28		Nos	
(c)	LED DOWNLIGHTER: SURFACE MOUNTED FOR FRONT SIDE(EXTERNAL) 15 Watt, surface mounted circular/square down lighter , 6" dimension with complete its electronic driver are as under:- PHILIPS, WIPRO, HAVELLS, CG, BAJAJ	2		Nos	
(d)	LED COVE/ STRIP LIGHT WITH ITS ELECTRONIC DRIVER(BLUE COLOUR):- Supply, installation, testing and commissioning of bright LED strip light with its electronic driver complete as required. PHILIPS, WIPRO, HAVELLS, CG, BAJAJ	50		Mtr	
(e)	LED 3 watt Spot Light(Colour Temperature 3000-4000K) alongwith with electronic driver	10		Nos	
(f)	10/15 Watt Decorative Picture Light as directed by Bank/Architect	4		Nos	
(g)	Providing & fixing of "Digital Clock" /Digital Panel indicating Time, Day, Date, Temperature at outside of big size,(Ajanta - OLC-1070) as suitable over the facade as advised by the Bank with standard power back up. Make:- Ajanta, Titan	1		Nos	
(h)	BOX TYPE LUMINAIRES: LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS/CG	16		Nos	

(i)	CEILING FAN: Single phase heavy duty grease filled double ball bearing, aerodynamically designed heavy gauge aluminium blades, copper wound and impregnated silicon stamping motors etc 1200 mm sweep, brilliant white CG/USHA/ ORIENT/HAVELLS	18		Nos	
(j)	EXHAUST FAN:- Single phase, 300mm sweep, 900 rpm, metallic exhaust fan of the following single phase Exhaust fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc, front cover with grill/gravity louver for protection purpose with 12 mm plywood complete in all respect make as under: CG/USHA/ ORIENT/HAVELLS/ALMONARD/ALSTOM	2		Nos	
(k)	EXHAUST FAN:- (HEAVY DUTY/TURBO 18" EXHAUST FAN) Single phase, 450mm sweep, 1450 rpm, metallic exhaust fan TURBO/HEAVY DUTY of the following single phase Exhaust fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc, CG/USHA/ ORIENT/HAVELLS	4		Nos	
(l)	WALL FAN:- Oscillating wall fan with regulator i/c connections etc complete as required as per approved make, Sweep 400 mm , RPM 1300 make are as under: CG/USHA/ ORIENT/HAVELLS	1		Nos	
(m)	Supply, installation, testing and commissioning of insect killer with DUAL 15 watt each UV Tube with 10,000Hrs of Long Life. Plus its Robust High Voltage Net Makes Sure it terminates the Bugs within second. COMPACT SIZE of 39*28*9 CM and LIGHT WEIGHT of Only 4.0 KG HYGIENE Insect Killer is Easy to Install and Carry. Complete specification as Required.	4		Nos	
AMOUNT OF PART - 'B'					
PART - C					
AIR-CONDITIONING WORK					
Supply, installation, testing and commissioning of following AIR CONDITONERS as under. The Rate shall be inclusive of all taxes excluding GST. GST will be paid additionally by the Bank as applicable subject to GST Number. and system has complete one year warranty & If any additional warranty provided by company/vendor in any specific part like compressor etc that is acceptable, please mentioned it.					

67	<p>Supply, installation, testing and commissioning of High Efficient models of SPLIT AC, THREE STAR RATING OF BEE AIR CONDITIONERS 1.5 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single Phase, 50 Hz AC supply with rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and material including copper piping of hard & prime quality of min. 22 G upto 3 metres with class "o" Nitrile insulation 12mm , cabling from indoor to outdoor unit, heavy gauge PVC drain piping with insulation as per site requirement. The copper piping, drains piping and electrical cabling should be fixed with clamps and no loose piping/cabling is allowed. The out door unit should be anti-rust powder coated. Indoor unit should have LED display. The rates inclusive of all repairs of civil and carpentry work The cost includes original fill and additional top up of refrigerant gas as per site condition. Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only</p>	3		Nos	
68	<p>Supply, installation, testing and commissioning of Higher Efficient models of SPLIT AC, THREE STAR RATING OF BEE AIR CONDITIONERS 2.0 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single Phase, 50 Hz AC supply with rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and material including copper piping of hard & prime quality of min. 22 G upto 3 metres with class "o" Nitrile insulation 12mm , cabling from indoor to outdoor unit, heavy gauge PVC drain piping with insulation as per site requirement. The copper piping, drains piping and electrical cabling should be fixed with clamps and no loose piping/cabling is allowed. The out door unit should be anti-rust powder coated. Indoor unit should have LED display. The rates inclusive of all repairs of civil and carpentry work The cost includes original fill and additional top up of refrigerant gas as per site condition. Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only</p>	6		Nos	

69	Supply and installation of soft & prime quality of min. 22 G Copper pipe for " Split AC only" with class "o" Nitrile insulation of minimum 12mm for split air conditioner including interconnection power/ communication cable between indoor and outdoor unit as per site requirement. (If required additionally, payment will made as per actual installtion. Make of Insulation:- Superlon/Aflex/Armacell/Kflex Make of cable:- Finolex/RR/Havells	40	Mtr	
70	Drain Pipe (If Required additional) Applicable to both ACs(Cassette & Split AC). Supply and laying of heavy gauge PVC drain piping of 40mm with insulation as per site requirement with its all accessories like bend, solution etc as per site condition. (If required additionally, payment will made as per actual installtion.) Make:- Kasta/supreme	40	Mtr	
71	Providing & fixing of 4 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 1Tr /1.5Tr Split AC & 1.5 Tr Cassette AC) Make:- Microtek, V-Gards	3	Nos	
72	Providing & fixing of 5 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 2Tr Split AC & 2 Tr Cassette AC) Make:-Microtek, V-Gards	6	Nos	
	AMOUNT OF PART - 'C'			
	ABSTRACT SHEET FOR RENOVATION OF KITCHEN AND DINING HALL WORK AT SBILD, JABALPUR.			
I	PART - 'A'			
II	PART - 'B'			
III	PART - 'C'			
	GRAND TOTAL AMOUNT			