	ELECTRICAL & AC WORKS VIP LOUNGE(25'1" X 18'9") BEGUSARAI BRANCH							
NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT			
1	RAW POWER DB/ LIGHT DB / COMPUTER DB/ACDB							
	Supply and installation of following metallic double door							
	MCB Distribution Board with MCB having breaking							
	capacity of 10 KA (minimum) complete with busbar,							
	interconnection, painting, mounted on flat iron frame on							
	wall/flushed with finished wall by chase cutting, mending							
	good to original finish painting etc. as required. Name							
	plate & number of DBs are to be fixed up on front door of							
	DBs for their identification.							
2	CDB: Consumer unit SPN MCB DB complete with busbar							
	and the following MCBs. INCOMING: 1 No. 240V 40A							
	(10KA) DP RCBO(30mA-100mA) OUTGOING : 8 Nos. 240V							
	10A (10 KA) SP MCB	No.	1					
3		1,0.	<u> </u>					
	TPN DOUBLE DOOR DB WITH INPUT 63A 4P MCB &							
	OUTGOING 2 NOS 32 A SP MCB for AC, 6 Nos 10A SP MCB							
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	No.	1					
4	Wiring flame retardant FRLS/FRLSH as mentioned in							
	rows below in MS conduit of IS specification of proper							
	size with all material supply installation and							
	commissioning complete from DB .The wiring shall be							
	carried out on surface above false ceiling, and below of							
	false ceiling by chiseling the existing surface and							
	plastering the same with cement etc., or as cutting of							
	tiles(with finishing), as per site conditions after fixing the							
	MS conduit with all accessories like saddles screws, bends							
	T-joint etc							
	With FRLS 2 nos. 6 Sq.mm + 1 no. 2.5 Sq.mm. (green							
а	colour for earth) PVC insulated copper wire in ms	Mtr	55					
-	conduit for CDB and 2.0 ton Cassette AC							
L	With FRLS 4 nos. 10 Sq.mm + 1 no. 2.5 Sq.mm. (green	N // 4						
b	colour for earth) PVC insulated copper wire in ms conduit	Mtr	5					
	With FRLS 4 nos. 6 Sq.mm + 1 no. 2.5 Sq.mm. (green							
С	colour for earth) PVC insulated copper wire in ms conduit	Mtr	40					
Ū	for TPN DB							
	With FRLS 2 nos. 4 Sq.mm + 1 no. 2.5 Sq.mm. (green							
d	colour for earth) PVC insulated copper wire in ms conduit	Mtr	30					
	for 1.5 ton AC							

	1			
5	(A) COMPUTER SOCKET OUTLET WITH WIRING Computer socket outlet cluster point including supply and fixing of modular type socket outlet clusters components and its wiring from CDB, complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 5 Nos. 6/16A 5 pin modular type International sockets 1 No. 16A modular type common controlling switch with indicator on table top with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm.FRLS (green colour for earth) PVC insulated copper wire in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from CDB to Computer point.	No.	4	
6	(B) COMPUTER SOCKET OUTLET AND ITS WIRING Computer socket outlet cluster point including supply and fixing of modular type socket outlet clusters components complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 3 Nos. 6/16A 5 pin modular type International sockets 1 No. 16A modular type common controlling switch with indicator on table top with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. PVC insulated copper wire (1.1 KV grade FRLS/FR-LSH) in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from CDB to Computer point. (proper colour code must be followed)	No.	1	
7	C) UPS/ RAW POWER SOCKET OUTLET AND ITS WIRING Raw power socket outlet cluster point including supply and fixing of modular type socket outlet clusters components AND WIRING 1100V grade, FRLS complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 2 Nos. 6A/16A 5 pin modular type International sockets. 1 No. 16/20A modular type controlling switch with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from RPDB to Raw Power Outlet. Proper colur code must be followed.	No.	1	

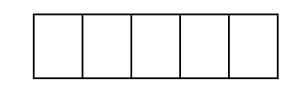
8	D) UPS / RAW POWER SOCKET OUTLET AND ITS WIRING Raw power socket outlet cluster point including supply and fixing of modular type socket outlet clusters components AND WIRING 1100V grade, FRLS complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 1 Nos. 6A/16A 5 pin modular type International sockets with indicator 1 No. 16/20A modular type controlling switch with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from RPDB to Raw Power Outlet. Proper colur code must be followed.	No.	2	
9	SITC of metal clad socket MCB for AC point with controlling 32 A DP MCB with industrial top complete in all respects in suitable enclosure.	No.	2	
10	POINT WIRING AND CIRCUIT WIRING Point wiring with FRLS 1100 V grade 3 nos. single core 1.5 sq.mm. and 1 for common earth by looping method) PVC insulated stranded copper conductor wire (IS:694) through suitable size M.S. conduit (ISI marked embossed on conduit surface) by thred cutting, complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall from light & fan switch board to light, fan & 6A socket outlet on the same switch board or separately mounted switch board. The work includes supply and fixing of all materials such as modular type 6A switch for light and fan point, 6A 2/3 pin shuttered socket outlet with switch in each switch board, 3 plate ceiling rose / angle or batten holder etc. as required. The point wiring also includes circuit wiring with FRLS 1100 V grade 2 nos. single core 2.5 sq.mm. + 1 no. single core 1.5 sq.mm. PVC insulated stranded copper conductor cable (IS:694) through suitable size M.S. conduit as described above from DB to switch board, interconnection, mending good all damages to original finish, painting etc.			
а	1 Light control by 1 switch	No.	10	
b	2 /3 Light control by 1 switch	No.	20	
С	UPS light point	No.	2	
d	Glow sign board wiring	No.	1	

				ı	1
е	1x16A 2/3 pin modular socket with switch on separate switch board outside the Cash Room complete with wiring. Suitable Top to be provided for supply to RECORD ROOM/STATIONERY ROOM	No.	1		
f	3 pin 6/10A modular socket with switch in board	No.	3		
11	Supply and fixing of ding-dong calling bell with complete wiring in BM's Chamber as per direction of E-I-C	No.	1		
	PART B-SUPPLY AND FITTING OF ELECTRICAL FITTINGS				
12	Supply & Fixing of 15W LED Downlighter recessed mounted of make complete with all accessories	No.	15		
13	SITC of LED 5W/6w light & fixture recessed type ROUND DOWNLIGHTER in gypsum cove with all interconnection and fixing arrangements as Required.	No.	25		
14	Supply & fixing of 20W/22W LED T5 Batten fitting complete with all respect.	No.	2		
	PART C- LAN CABLING WORK				
15	Supply of 1 mtr. Long E-CAT 6 PATCH CHORD (Make: D-LINK, AMP, HCL, Legrand)	No.	8		
16	Supply of 2 mtr. Long E-CAT 6 PATCH CHORD (Make: D-LINK, AMP, HCL, Legrand)	No.	8		
17	INTERNET SOCKET WITH DATA CABLE:: SITC of modular RJ-45 internet sockets with suitable mounting box (modular type) including all interconnections as required with front plate D link or equivalent make approved by the bank connections etc as required along with supply, laying, concealing of CAT 6 LAN cables upto 30 metres or less or as per site conditions in rigid pvc conduit pipes complete in all respects from Data Rack to I/O points. Rates to include cost of LAN cable and its installation.	No.	8		
18	Supply & Installation of single color (warm white / any other approved color) flexible LED strip light for cove including required rated driver / power supply in multiples of 1 Rmtr as approved along with all necessary hardware & accessories, etc. Complete as required	Rmt	35		
19	SITC of 63A 4P MCCB (36KA) with suitable sheet steel enclosure complete in all respects as per direction of E-I-C.	SET	1		
	Air conditioning Works				
	<u>-</u>		-	•	•

	Design, Supply, installation, testing & commissioning of air-conditioning units (including MS frames/stands for standard installation of indoor and outdoor units) as per the details of scope of work, specifications and components given else where in the tender. (please read before quoting) Note: The contractor will attend to all defects noticed during defect liability period. Within 24 hours from the time of complain If the contractor fails to attend to the defects within 24 hours time these defects will be rectified by the Bank and the expenditure incurred on this account will be recovered from security deposit, or any other money due on to time. The Entire Job Shall be Executed in Total Co. Ordination with the Other Agencies Working on this Project more particlulary with the False Ceiling. The quantities as mentioned of AC are provisional may increase/decrease/withdrawn as per requirement of site or instruction of Bank.			
	High Side Items			
20	Supply of following Ceiling Mounted 4-way Cassette type AC with scroll / Rotary / Twin rotary / Reciprocating compressor, having R 32/R-410A eco friendly gas. Including indoor unit & outdoor unit. decorative grille and cordless remote Machine shall have copper condenser Unit. (The positions must be designed in an apt away as per site conditions) (Make: LG/ Daikin / Carrier / Hitachi / Mitsubishi / Bluestar)			
21	Supply of single phase 2.0 TR or nearest higher rating Capacity Copper (inverter technology) Cassette type split air conditioners with Copper Condensor Coil and eco friendly refrigerants (R32 or R 410A). (Make: LG/ Daikin / Carrier / Hitachi / Mitsubishi / Bluestar)	No.	1	
22	Supply of single phase 1.5 TR or nearest higher rating Capacity Copper (inverter technology) Cassette type split air conditioners with Copper Condensor Coil and eco friendly refrigerants (R32 or R 410A). (Make: LG/ Daikin / Carrier / Hitachi / Mitsubishi / Bluestar)	No.	1	

23	Refrigerant copper piping both in and out, laid between indoor & outdoor unit as per OEM's specifications duly insulated with Class "O" fire retardant 6 mm sleeve type elastomeric nitrite rubber insulation. It shall be in total clamping manner above false ceiling & in total concealed manner below false ceiling level. From the structural ceiling it should hang or shall be fixed on wall / beam etc. with clamps & the distance between two clamp shall be less than 1 meter. It shall not be placed over the false ceiling nor it shall be fixed with false ceiling members. The diameter / gauge of the ref.pipe shall be as per the specifications of the Manufacturing company (OEM) only for each type of machine.			
23.1	For Cassette AC	Rmt	20	
24	Drain Piping : Insulated Condensate Water Drain piping constructed out of PVC / HDPE hard pipes , fitting, accessories, bends, elbows, tees, flanges, tappings, wall sleeves, hangers, supports, anchors Fastners.			
24.1	Drain pipe	Rmt	30	
25	SITC of Electrical Power Cabling between indoor unit &outdoor unit as per OEM's design & specifications in 25mm dia., conduits with accessories The power shall be made available at 1 place & single core wire shall not be used. It shall be in clamping manner above false ceiling & in concealed manner below false ceiling level.From structural ceiling it should hange or shall be fixed on wall/beam etc. with clamps at distance not more than 1 meter. It shall not be placed over the false ceiling nor shall be fixed with false ceiling members.			
25.1	Control cable between indoor & outdoor unit for cassette AC	Rmt	40	
26	Installation charges of the 2.0 TR/1.5TR Copper Cassette Type/ Split AC including outdoor frame / stands to withstand the full load of outdoor units and making good all the damage.	No.	2	
	SUPPLY & INSTALLATION OF STABILISERS(V-Guard/Equivalent as approved by E-I-C)			
27	For 2 ton cassette AC (5 KVA) stabiliser with metal body	No.	1	

28	For 1.5 ton/ 1 ton Cassette AC/split stabiliser with metal body (4 KVA Equivalent)	No. 1			
29	All sort of Civil work required to be executed in order to make the Air-conditioning system installed & put in working condition. The item includes, making holes / gaps in walls to pass duct & pipes, making zaries required for various types of drain, refrigerant & drain water pipes / lines in walls, floor etc. using cutter machine, including core cutting, wall cutting etc as required.	Job	1		
30	Dismantling work as required of existing wires, Db etc complete in all respects.	Job	1		
		TOTAL (Rs.)			
	Grand Total				
NOTE:	The rate quoted shall be firm and shall include all costs, allowances, Charges, levies, Royalties, Cess,transportation etc. but excluding GST as applicable which will be reimbursed by the Bank as per Government norms prevailing from time to time. Contractor's are advised to visit the site before quoting. The quantities are tentative may increase or decrease as per site requirement.				



					iv)	With 2
						nos. 6
						Sq.mm
						+ 1 no.

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30	90000			iv)	With 2 nos. 6 Sq.mm + 1 no.	RM	300	300	90000
					+ 1 HO.				

iv)	With 2 nos. 6 Sq.mm + 1 no.	RM	300	300	90000		
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	iv) With 2 nos. 6 Sq.mm + 1 no.	DAA	300	300	90000				
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iv)	With 2							iv)	With 2
	nos. 6	DAA	200	200	90000				nos. 6
	Sq.mm	RM	300	300	90000				Sq.mm
	+ 1 no.								+ 1 no.

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	Sq.mm	RM	300	300	90000				Sq.mm
	+ 1 no.								+ 1 no.

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	Sq.mm	RM	300	300	90000				Sq.mm
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	Sq.mm	RM	300	300	90000				Sq.mm
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	Sq.mm	RM	300	300	90000				Sq.mm
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	Sq.mm	RM	300	300	90000				Sq.mm
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	Sq.mm	RM	300	300	90000				Sq.mm
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	Sq.mm	RM	300	300	90000				Sq.mm
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	Sq.mm	RM	300	300	90000				Sq.mm
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	nos. 6	DAA	200	200	90000				nos. 6
	Sq.mm	RM	300	300	90000				Sq.mm
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	nos. 6	DAA	200	200	90000				nos. 6
	Sq.mm	RM	300	300	90000				Sq.mm
	+ 1 no.								+ 1 no.

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300 90000 Sq.mm RM 300 + 1 no.
