

MURSHIDABADREGION 48, NAYA SARAK ROAD P.O.: BERHAMPORE DIST: MURSHIDABAD

TENDER NOTICE NO: 01/2024

Date: 09.10.2024

Notice inviting quotation/rate for Electrical work for new premises of our Sompara and Madhupur Branch under Murshidabad Region.

Sealed quotations are invited for seeking rates of the wooden furniture as per work schedule attached herewith on or before **29.10.2024**.

The interested firms/ vendors can either submit their quotation in person to Regional Office Murshidabad (at Letter Receive Section) on any working day during office hours or may send by post so that the same reaches this office within the stipulated date. The quotations will be opened at R.O. on 30.10.2024 at 12:00 Noon. The interested firms/ vendors may be present during opening of such quotations.

Terms and conditions:

- 8. Quotation Rate will be considered on Lower Rate basis. Materials are to be supplied with a sharing basis of 60:40 between L1 and L2 bidder, provided L2 bidder agrees to supply at the lowest quoted rate. In case of dissent from L2 bidder, Bank's decision will be final.
- 9. Rates are to be quoted as per work schedule attached herewith.
- 10. Firms must have GST registration number.
- 11. After expiry of the above time schedule no quotation will be accepted.
- 12. Bank reserves the right to accept or cancel bid unilaterally without assigning any reason thereof, prior to placement of supply order/signing of contract thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) for the cause of banks action and no further correspondence will be entertained regarding the matter.
- 13. All stipulated work is to be done in due time and any deviation/delay may attract penalty from original bill.
- 14. Selected vendor will have to finish the stipulated work in due time. Otherwise they will be debarred from getting order for their other selected items and/or their further participation in the tender process may be suspended.
- The rate/s will be inclusive of delivery charges & others but exclusive GST.
- 11 Materials will be rejected if any defect/deviation in quality from specification is found as given in tender process.

Regional Manager.



Propose Annexure-I

Propose Annexure-I						
SL. NO	ITEM DESCRIPTION	UNIT	QT	RATE (RS.)	AMOUN T (RS.)	
1	SWITCH FUSE UNIT Supply and fixing of main Switch Fuse Unit (IS: 13947) with re-wearable type fuse in sheet steel enclosure with cable end box, mounted on M.S. frame/ M.S. legs on wall.					
	The rate shall be inclusive of supply of all materials, making holes, mending good damages & making connection etc. as required.					
1.1	63A TPN SFU (for Supplies incomer)		4			
2	ON LOAD CHANGE OVER SWITCH	Each	1			
	Supply & fixing of 63A, TPN change over switch (IS:4064) in sheet steel enclosure on					
	ivis angles/ legs o wall. The rate shall be inclusive of supply of all materials, making	Each	1			
	notes mending good the damages & making connection etc. as required.					
3	SUBMAIN WIRING Submain wiring with following sizes Finolex make 1100 V grade single core PVC insulated				1 - 31	
	marked embossed on conduit surface) complete with junction hox, circular hox, elbows, bender					
	and other accessories on surface above false ceiling or concealed by chase cutting on wall as					
	per condition, mending good all damages to original finish, interconnection etc. as per required to be complete in all respect.					
3.1	With 2 nos. 6sq.mm. + 1 No. 2.5sq.mm. PVC insulated Copper wire in 20mm dia. PVC		-			
	conduit (main Meter / switch to change over / main DB)	Mtr	45			
4	CASH COUNTER POINT WIRING					
	Point wiring with 1100 V grade 2 Nos. single core 1.5 sq.mm. for common neutral by looping					
	method common earth by looping method) PVC insulated flexible FRLS copper conductor cable					
	(IS:694) through suitable size PVC conduit (ISI marked embossed on conduit surface) 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 each light and fan					
	point, 6A 2/3 pin shuttered socket outlet with switch, 3 plate ceiling rose/ angle or batten holder etc. as required					
4.1	1 Light & fan control by 1 switch	Each	4			
4.2	2 nos,2/3 pin 6Aswitch shuttered socket outlet with switch on light & fan switch	Each	2			
4.3	board	Lacii	2			
	2x6A 2/3 pin shuttered socket with individual controlling switch on light/ fan switch board for cash counter.	Each	2			
4.4	1×16 A $2/3$ pin shuttered with switch on separate switch board other than light & fan switch board cash counter.	Each	2			
4.5	Wall mounted bracket fan point	Fl	2			
5	MCB DISTRIBUTION BOARD	Each	2			
	Supply, installation testing and commissioning of MCB Distribution Board in sheet					
	steel enclosure with double door and suitable for mounting on surface wall by the					
	Electrical Layout complete in all respect, (Havells / HPL make)					
5.1	MAIN DISTRIBUTION BOARD (L- DB)					
	8 way SPN MCB DB complete with MCBs :					
	Incoming: 1 nos.: 240V, 63A DP MCB	Each	1			
	Outgoing	10.00				
6	4 nos. : 240V, 32A SP MCB, 2 nos. : 240V, 10A, SP, MCB ,Complete board as above.					
6.1	SUPPLY & INSTALLATION OF LIGHT FITTINGS :					
0.1	Supply installation, testing and commissioning of 1x24W T5 light fittings with light on wall/ ceiling including supplying and fixing of 2nos. M.S. clamps or hard wood					
	round block property shellac polished with 2x20mm dia MS pipe suitable for wall/					
	ceiling mounting including interconnection between light points and fittings 3 nos.	Each	15			
	single core/ 3core 1.5sq.mm. PVC insulated flexible FRLS copper conductor cable etc.		=			
	as required					
6.2	Supply, installation, testing and commissioning of 1x10 Watt light fittings installation the cash counter.	Each	2			
7.2	Supply and fixing of fan hook after cutting ceiling and welding with main		4.5			
	reinforcement including mending good all damages to original finish	Each	10			
8	INDUSTRIAL TYPE SOCKET AND PLUG DB					
	Supply and installation of industrial type socket and match plug with					
	controlling MCB in sheet enclosure for UPS incoming outgoing only :					

SL. NO	ITEM DESCRIPTION	UNIT	QT	RATE (RS.)	AMOUN T (RS.)
-	(Havells/HPL make)		-		
8.1	32A, 3 pin industrial type socket with matching plug and 25A, DP MCB control including interconnection (for UPS incoming/ outgoing) (Havells/HPL	Each	2		
	make)	Lacii	4		
9	UPS TO UPS CHANG OVER				
	Supply & fixing of 32ADP on load change Over Switch in sheet steel				in the line
	enclosure on M.S. angles/ legs on wall. The rate shall be inclusive of supply				
	of all materials, making holes, mending good the damages & making	Each	1		1 2 2 1 2
	connection etc. as required. (Here III (1991)				
10	connection etc. as required. (Havells/HPL make)			THE STATE	
10	COMPUTER DISTRIBUTION BOARD (CDB))	
	Supply and installation of metallic single door MCB distribution Board with MCB				
	making breaking capacity of 10KA (minimum) and complete with husban		-		
	interconnection, mounted on flat iron frame on wall/ flushed with finished wall by		15		
	chase cutting, mending good to original finish etc. as required name plate & number				
	of DBs are to be fixed up on front door of DBs for their identification (Havelle/HDI				
	make)		.		
10.1	SPN 8 way consumer unit single door MCB DB complete with busbar and the				_
	following MCBs:				
	Incoming 1 nos. 240V,40A DP MCB	Each	1		
	Outgoing-6nos. 240V, 10A, SP MCB		777		
11	SUBMAIN WIRING				
	Submain wiring with 1100V grade. Single core PVC insulated flexible copper				
	conductor cable (IS:694) through suitable size medium duty PVC conduit (ISI mark			100	
	embossed on conduit surface) and conduit accessions party on surface (above false				
	ceiling) with MS bar saddles. Partly through portion and party concealed in wall/				
	embedded. Mending good all damages etc. as required to be completed in all respect				
11.1	From plug socket D.B. & from outgoing/incoming plug socket DB with CDB 2nos.				
	4sq.mm. + 1no. 2.5sq.mm. PVC insulated flexible FR copper conductor cable in	N./1+w	45		
	suitable size PVC conduit.	Mtr.	45		
11.2	From (CDB) DB to power board with 3nos. 1.5sq.mm. PVC insulated flexible				
	FR copper conductor cable is suitable size PVC conduit.	Mtr.	208		
12	COMPUTER SOCKET OUTLET CLUSTER POINT WIRING				
	Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core 2.5				40.00
	sq. mm. PVC insulated flexible FRLS copper conductor cable confirming to IS: 694				
	through suitable size partly concealed in wall/ embedded in floor, partly on surface				
	above false ceiling and party through partition or through flexible conduit from DB to				
	socket clusters in 1 (one) circuit connection by looping method. The work includes				
	supply and flexing of socket out let cluster component/ eachs as detailed below:-				
	Each computer socket outlet cluster comprising the following:				
	3 nos. 6A 2/3 pin modular type shuttered socket. (below table)				
	1 nos. 20A modular type controlling switch. (below table)				
	1nos. 10A modular type controlling switch. (below table)				
	1 nos. modular type Front plate of suitable size.				
	1 nos. modular type PVC box of suitable size.	Faab			
13	EARTHING (COMPUTER)	Each	8		
	Earthling the installation as per I.E. rules confirming to IS:3043-1987 or its latest				
	amendment by making earth station with 450mm. X 6mm. (minimum) thick copper				
	plate electrode installed level after preparation of ground with charcoal and salt and				
	connecting the earth lead— in— wire by suitable length double nuts and washers				
	copper lugs including supply and fixing of 50mm. dia. Partly perforated G.I. pipe with	Ca ala		1 -	
	funnel for watering arrangement. The copper earth lead-in-strip shall be PVC	Each	1		
	sleeved/ insulated throughout the total length and the underground portion to be				
	laid through suitable size heavy duty rigid PVC conduit etc.				
14	SUPPLYING AND LAYING OF PVC. CONDUIT.				
	Supplying and laying of 20mm. dia heavy duty rigid PVC conduit complete with				
	junction box. circular box, elbows, bends, couplers and other accessories as required	N.44	00		
	on wall embedded in floor or on surface or through partition. The work includes	Mtr	92		
	making good etc. as required.		7, 0		
15	COMPUTER DATA WIRING				
	Supply and laying of CAT – 6 cables through pre-laid rigid PVC conduit as shown in				
	the drawing or otherwise as directed by the consultant from server to HUB, HUB to	N/1+	233		
	Computer Data Socket including interconnection mending good, etc. as required.	Mtr			1.1
16	COMPUTER DATA SOCKET				
	Supply and fixing on wall/ furniture/ portion recessed type D-Link make Computer	Each	8		
	- The state of the				MIN VIA

SL. NO	ITEM DESCRIPTION	UNIT	QT	RATE (RS.)	AMOU T (RS.
	data socket (RJ 45) with mounting box & front plate, mending good etc. as required.				
17	INTERCONNECTION Supply laying testing and commissioning of following 1.1 KV grade PVC insulated				
	copper conduct cable (from meter and DG to switch Fuse Unit) in flexible conduit. The rate shall be inclusive of supply of all materials making interconnection wall salb				
17.1	cutting & making good the same.				31 1 7
18	4x10 sq.mm. PVC wire (for WBSEB incomer) SUPPLY AND LAYING OF CABLE	Each	1		
10	Supply & laying of 1.1 KV grade (IS:7098) following size PVC insulated and PVC sheathed armoured aluminum conductor cables of Finolex/ Polycab/ CCI/ Nicco make on wall/ column including supply & fixing of cable end connections, M.S. clamps/ galvanized bar saddles @ 300 mm apart, making holes and mending good damages, painting etc. as required.				
L8.1	4 core 25 sq.mm. (from main switch to P-DB)	Mtr.	27		
19	MCB DISTRIBUTION BOARD Supply, installation testing and commissioning of following MCB Distribution Board (L&T/MERLIN GERIN/ABB) in sheet steel enclosure with Double door and suitable for mounting on wall by Surface and flushed with finished level to the position shown in the Electrical Layout complete in all respect, mending good all damages to the original finish, painting, interconnection, of all MCBs should be 10 KA (minimum) etc. as required.				
L9.1	A C Supply Power Distribution Board (AC-DB) TPN 4 way vertical type MCCB DB complete with busbar and following MCCB/ MCBs: Incoming 1no. 415V, 63A 4P MCB (25KA min) Outgoing: 6nos. 240V 32/25A Sp MCBs/ 6nos. 240V 20/16ASP MCBs	Each	1		
20	A.C. POWER POINT A.C. Power point wiring from Main P-DB to A.C. Power points with 1100V grade following rating (Green colour for earthing) PVC insulated flexible FR copper conductor cable through suitable size MS conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows bends, couplers and other accessories surfaced on wall above false ceiling or concealed by chase cutting on wall, 'North-West' make A.C. power unit having suitable rating socket with plug, plug-top & starter in sheet steel enclosure complete with interconnection, mending good all damages to original finish painting etc. as required. All connections of wires to be done by means of 'Wago' type connections.				
21.1	With 2 nos. 4 sq.mm + 1no. 2.5 sq.mm (green colour for earth) PVC insulated copper wire in 20mm dia. PVC conduit/ casing capping.	Each	4		
22	EARTHING (GENERAL) Earthling the installation as per I.E. rules confirming to IS:3043-1987 or its latest amendment by making earth station with 50mm. X 3mtr. (minimum) thick GI pipe electrode installed level after preparation of ground with charcoal and salt and connecting the earth lead— in— wire by suitable length double nuts and washers copper lugs including supply and fixing of 50mm. dia. Partly perforated G.I. pipe with funnel for watering arrangement. The copper earth lead-in-strip shall be PVC sleeved/ insulated throughout the total length and the underground portion to be laid through suitable size heavy duty rigid PVC conduit (ISI mark embossed on conduit surface) at an average depth of 500mm below ground level. The earthing installation provided with 300mmx300mm and 300mm	Each	1		



SL. NO	ITEM DESCRIPTION	UNIT	QT	RATE	AMOU
1	SWITCH FUSE UNIT			(RS.)	T (RS.)
	Supply and fixing of main Switch Fuse Unit (IS: 13947) with re-wearable type fuse in				
	original de lifetusive of supply of all materials making believed				
	a difficulties and the second				
1.1	63A TPN SFU (for Supplies incomer)				
2	ON LOAD CHANGE OVER SWITCH	Each	1		
	Supply & fixing of 63A, TPN change over switch (IS:4064) in sheet steel enclosure on MS angles/ legs o wall. The rate shall be in the legs of the legs				
	or - / 100 o wall, the late shall be including of cumply -f - 11	Each	1	177 2513	
	making connection of a remainded of making connection of a remainded of the connection of the connecti		_		
3	TO STATE OF THE ST				
	Submain wiring with following sizes Finolex make 1100 V grade, single core, PVC insulated flexible copper conductor cable (IS:694) through suitable of the conductor cable (IS:694) through suitable cable (IS:694) through suitable (IS				
	per condition, mending good all damages to original finish, interconnection etc. as per required to be complete in all respect.				
3.1					
	With 2 nos. 6sq.mm. + 1 No. 2.5sq.mm. PVC insulated Copper wire in 20mm dia. PVC conduit (main Meter / switch to change over / main DB)	N./1+	40		
4	CASH COUNTER POINT WIRING	Mtr	48		
	Point wiring with 1100 V grade 2 Nos. single core 1.5 sq.mm. for common neutral by looping method common earth by looping method DVG is what I for the common neutral by looping				
	The same of the collection of the same of				
	James on box, circular box, eliptims, hends colliners and other and other				
	or correction by clidse cultiling on wall from light & fan civital beautiful				
	metados supply and fixing of all materials such as modular type 64 switch for and link				
	point, 6A 2/3 pin shuttered socket outlet with switch, 3 plate ceiling rose/ angle or batten holder etc. as required				
_	1 Light & fan control by 1 switch				
4.2	2 nos 2/3 nin 6Acuitab abuttan	Each	4		
	2 nos,2/3 pin 6Aswitch shuttered socket outlet with switch on light & fan switch	Each	2		
		Lacii	2		
	2x6A 2/3 pin shuttered socket with individual controlling switch on light/ fan switch board for cash counter.	Each	2		
	1x16A 2/3 pin shuttered with switch on separate switch board other than light & fan	Lucii	2		
	switch board cash counter.	Each	2		
	Wall mounted bracket fan point				
5	MCB DISTRIBUTION BOARD	Each	2		
	Supply, installation testing and commissioning of MCB Distribution Board in sheet				
	steel enclosure with double door and suitable for mounting on surface wall by the		9.1		
	Electrical Layout complete in all respect, (Havells / HPL make)				
5.1	MAIN DISTRIBUTIION BOARD (L- DB)				
	8 way SPN MCB DB complete with MCBs :				
Ī	ncoming : 1 nos. : 240V, 63A DP MCB	F		1/11	
	Dutgoing	Each	1		
4	nos.: 240V, 32A SP MCB, 2 nos.: 240V, 10A, SP, MCB, Complete board as above.			1 - 1	
0 3	OPPLY & INSTALLATION OF LIGHT FITTINGS:				
5.1 5	upply installation, testing and commissioning of 1x24W T5 light fittings with 11 L				
	wally ceiling including supplying and fixing of 2nos MS clamps or hard wood				
1 .	data block property stiellac polished with 2x20mm dia MS nine suitable for well/				
1 0	ening mounting including interconnection between light points and fittings 2 nos	Each	15		
s	ingle core/ 3core 1.5sq.mm. PVC insulated flexible FRLS copper conductor cable etc.				
a	s required	1 = 11			
5.2 S	upply, installation, testing and commissioning of 1x10 Watt light fittings installation				
	ie casi counter.	Each	2		
.2 S	upply and fixing of fan hook after cutting ceiling and welding with main				
- 1	smortement including mending good all damages to original finish	Each	10		
o II	NDUSTRIAL TYPE SOCKET AND PLUG DB				
5	upply and installation of industrial type socket and match plug with		- 1		
С	ontrolling MCB in sheet enclosure for UPS incoming outgoing only :			AM	NI
	2 0 0 0 0 0 0			(GAN)	1
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	Page 1 of 3			Mursh Reg	dahadit

NO	ITEM DESCRIPTION	UNIT	QT	RATE (RS.)	AMOUN T (RS.)
10	(Havells/HPL make)			11.017	1 (1131)
8.1	32A, 3 pin industrial type socket with matching plug and 25A, DP MCB				
0.1		F	_		
	control including interconnection (for UPS incoming/ outgoing) (Havells/HPL	Each	2		
0	make)				
9	UPS TO UPS CHANG OVER				
	Supply & fixing of 32ADP on load change Over Switch in sheet steel	122.77			
	enclosure on M.S. angles/ legs on wall. The rate shall be inclusive of supply	Each	1		
	of all materials, making holes, mending good the damages & making				
	connection etc. as required. (Havells/HPL make)				0.00
10	COMPUTER DISTRIBUTION BOARD (CDB)				
	Supply and installation of metallic single door MCB distribution Board with MCB				
	having breaking capacity of 10KA (minimum) and complete with busbar,				
	interconnection, mounted on flat iron frame on wall/ flushed with finished wall by				
	chase cutting, mending good to original finish etc. as required name plate & number				
	of DBs are to be fixed up on front door of DBs for their identification. (Havells/HPL				
	make)				
0.1					
10.1	SPN 8 way consumer unit single door MCB DB complete with busbar and the				
	following MCBs:	Each	1		
	Incoming 1 nos. 240V,40A DP MCB				
11	Outgoing- 6nos. 240V, 10A, SP MCB				
11	SUBMAIN WIRING				
	Submain wiring with 1100V grade. Single core PVC insulated flexible copper				
	conductor cable (IS:694) through suitable size medium duty PVC conduit (ISI mark				
	embossed on conduit surface) and conduit accessions party on surface (above false				
	ceiling) with MS bar saddles. Partly through portion and party concealed in wall/				
	embedded. Mending good all damages etc. as required to be completed in all respect				
11.1	From plug socket D.B. & from outgoing/incoming plug socket DB with CDB 2nos.				
	4sq.mm. + 1no. 2.5sq.mm. PVC insulated flexible FR copper conductor cable in	Mtr.	38		
	suitable size PVC conduit.				
11.2	From (CDB) DB to power board with 3nos. 1.5sq.mm. PVC insulated flexible				
	FR copper conductor cable is suitable size PVC conduit.	Mtr.	188		
12	COMPUTER SOCKET OUTLET CLUSTER POINT WIRING				
12	Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core 2.5				
	sq. mm. PVC insulated flexible FRLS copper conductor cable confirming to IS: 694		0.00		-
	through suitable size partly concealed in wall/ embedded in floor, partly on surface				
	above false ceiling and party through partition or through flexible conduit from DB to				
	socket clusters in 1 (one) circuit connection by looping method. The work includes				
	supply and flexing of socket out let cluster component/ eachs as detailed below:-				
	Each computer socket outlet cluster comprising the following:				
	3 nos. 6A 2/3 pin modular type shuttered socket. (below table)				10.5
	1 nos. 20A modular type controlling switch. (below table)	h			
	1nos. 10A modular type intrigrating lamp (below table)				
	1 nos. modular type Front plate of suitable size.	- 1			
	1 nos. modular type PVC box of suitable size.	Each	8		
13	EARTHING (COMPUTER)				15.00
	Earthling the installation as per I.E. rules confirming to IS:3043-1987 or its latest				
	amendment by making earth station with 450mm. X 6mm. (minimum) thick copper		1,1		
	plate electrode installed level after preparation of ground with charcoal and salt and				
	connecting the earth lead- in- wire by suitable length double nuts and washers				
	copper lugs including supply and fixing of 50mm. dia. Partly perforated G.I. pipe with	Each	1		
	funnel for watering arrangement. The copper earth lead-in-strip shall be PVC		= -		
	sleeved/ insulated throughout the total length and the underground portion to be		1 1		
	laid through suitable size heavy duty rigid PVC conduit etc.			and Silled	
14	SUPPLYING AND LAYING OF PVC. CONDUIT.			8 11 11	
	Supplying and laying of 20mm. dia heavy duty rigid PVC conduit complete with				
	junction box. circular box, elbows, bends, couplers and other accessories as required	Mtr	85		
	on wall embedded in floor or on surface or through partition. The work includes	7			
	making good etc. as required.				
15	COMPUTER DATA WIRING				
	Supply and laying of CAT – 6 cables through pre-laid rigid PVC conduit as shown in		225		
	the drawing or otherwise as directed by the consultant from server to HUB, HUB to	Mtr	225		
	Computer Data Socket including interconnection mending good, etc. as required.				
16	COMPUTER DATA SOCKET				
10	Supply and fixing on wall/ furniture/ portion recessed type D-Link make Computer	Each	8		
	Supply and fixing on want familiary portion recessed type of this make computer			//	RAMIN
	Page 2 of 3			//~	-/
				11	/11
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SL. NO	ITEM DESCRIPTION	UNIT	QT	RATE (RS.)	AMOUN T (RS.)
	data socket (RJ 45) with mounting box & front plate, mending good etc. as required.				
17	INTERCONNECTION Supply laying testing and commissioning of following 1.1 KV grade PVC insulated copper conduct cable (from meter and DG to switch Fuse Unit) in flexible conduit. The rate shall be inclusive of supply of all materials making interconnection wall salb cutting & making good the same.				
17.1	4x10 sq.mm. PVC wire (for WBSEB incomer)	Each	1		
18	SUPPLY AND LAYING OF CABLE Supply & laying of 1.1 KV grade (IS:7098) following size PVC insulated and PVC sheathed armoured aluminum conductor cables of Finolex/ Polycab/ CCI/ Nicco make on wall/ column including supply & fixing of cable end connections, M.S. clamps/ galvanized bar saddles @ 300 mm apart, making holes and mending good damages, painting etc. as required.	Each	1		
18.1	4 core 25 sq.mm. (from main switch to P-DB)	Mtr.	20		
19	MCB DISTRIBUTION BOARD Supply, installation testing and commissioning of following MCB Distribution Board (L&T/MERLIN GERIN/ABB) in sheet steel enclosure with Double door and suitable for mounting on wall by Surface and flushed with finished level to the position shown in the Electrical Layout complete in all respect, mending good all damages to the original finish, painting, interconnection, of all MCBs should be 10 KA (minimum) etc. as required.	IVILT.	30		
19.1	A C Supply Power Distribution Board (AC-DB) TPN 4 way vertical type MCCB DB complete with busbar and following MCCB/ MCBs: Incoming 1no. 415V, 63A 4P MCB (25KA min) Outgoing: 6nos. 240V 32/25A Sp MCBs/ 6nos. 240V 20/16ASP MCBs	Each	1		
20	A.C. POWER POINT A.C. Power point wiring from Main P-DB to A.C. Power points with 1100V grade following rating (Green colour for earthing) PVC insulated flexible FR copper conductor cable through suitable size MS conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows bends, couplers and other accessories surfaced on wall above false ceiling or concealed by chase cutting on wall, 'North-West' make A.C. power unit having suitable rating socket with plug, plug-top & starter in sheet steel enclosure complete with interconnection, mending good all damages to original finish painting etc. as required. All connections of wires to be done by means of 'Wago' type connections.				
21.1	With 2 nos. 4 sq.mm + 1no. 2.5 sq.mm (green colour for earth) PVC insulated copper wire in 20mm dia. PVC conduit/ casing capping.	Each	4		
22	Earthling (GENERAL) Earthling the installation as per I.E. rules confirming to IS:3043-1987 or its latest amendment by making earth station with 50mm. X 3mtr. (minimum) thick GI pipe electrode installed level after preparation of ground with charcoal and salt and connecting the earth lead— in— wire by suitable length double nuts and washers copper lugs including supply and fixing of 50mm. dia. Partly perforated G.I. pipe with funnel for watering arrangement. The copper earth lead-in-strip shall be PVC sleeved/ insulated throughout the total length and the underground portion to be laid through suitable size heavy duty rigid PVC conduit (ISI mark embossed on conduit surface) at an average depth of 500mm below ground level. The earthing installation provided with 300mmx300mm and 300mm	Each	1		

Excluding, GST.

