BHEL::HYDERABAD

M&S - P&C DEPARTMENT

TENDER No.M&S/P&C/2019/26 DT.06/06/2019

NAME OF WORK:Electrical Works for Dust Free Enclosure in 9FA Assembly

PRICE BID

S. No	Item	Unit	Quantity	Rate/Unit	Amount
1	Supply and Installation of Vertical MCB DB with the following configuration: a) 63A TPN MCB - ref no: 8GB31473RC of SIEMENS or equivalent model of other makes mentioned Make: **L&T/Siemens/ABB/Legrande/Hager** - 1 No b) 40A TP MCB of Siemens make ref no: 5SL64637RC (1 no) or equivalent model of other makes mentioned - Make: **L&T/Siemens/ABB/Legrande/Hager** 3) TP 20A MCBs (ref no: 5SL63207RC of SIEMENS) (2 nos) or equivalent model of other makes mentioned - Make: **L&T/Siemens/ABB/Legrande/Hager** 4) 9 nos SP 20A MCBs (ref no: 5SL61207RC of SIEMENS) (9 nos) or equivalent model of other makes mentioned - Make: **L&T/Siemens/ABB/Legrande/Hager** 5) 11 Way Earth Link, ref no: 8GB9905EL of SIEMENS (1 no) or equivalent model of other makes mentioned, Make: **L&T/Siemens/ABB/Legrande/Hager** 6) 11 Way Neutral Link ref no: 8GB9911NL of SIEMENS (1 no) or equivalent model of other makes mentioned, Make: **L&T/Siemens/ABB/Legrande/Hager** 7) 6-way Vertical Metal Door TPN Distribution Board of Siemens, ref no: 8GB31473RC or equivalent model of other makes mentioned) - Make: **L&T/Siemens/ABB/Legrande/Hager**. It is to be concealed in the wall or as per the site engineer's instructions. The job includes labelling / writing the connection chart inside the door with WHITE duco paint as required, double earthing, testing & commissioning.	Nos	1	18,732.00	₹ 18,732.00
2	Shifting and laying of the following LT cable				₹ 0.00
	a) 3.5C X 50 sq.mm Aluminum cable	Mts	50	16.00	₹ 800.00
	b) 4C X 2.5 sq.mm Copper flexible cable	Mts	60	8.00	₹ 480.00
3	Termination of the following LT cable. Copper/Aluminum lug, double compression glands and other items are in the scope of contractor				
	a) 3.5C X 50 sq.mm Aluminum cable	Nos	2	796.00	₹ 1,592.00
	b) 4C X 2.5 sq.mm Copper flexible cable	Nos	4	303.00	₹ 1,212.00
4	Fabrication and Erection of BHEL free-issued structural steel for equipment/cable tray support etc.including red oxide painting. Supply of red oxide paint is in the scope of contractor.	Tons	0.2	9,066.00	₹ 1,813.20
5	Shifting & Earthing of Equipment from nearest Earth riser with 50x6mm/ 25x3mm GI flat. Work includes supply and application of Aluminium paint at each welding points.	Mtrs	20	27.50	₹ 550.00
6	Disconnection and removal of existing GI earth flat, Shifting and earthing of transformer neutral using 80mm X 6mm Copper flat. The job includes bending of flat, making holes of size 12-16mm and connecting to earth pits, insulators and as per site engineer's instruction	Mts	20	156.00	₹ 3,120.00
7	Excavation of earth pits up to 3m in depth for laying of electrode, shifting of copper electrode, laying of salt, charcoal and sand. Supply of charcoal (75kgs) and salt (150kgs)	Nos	2	3,336.00	₹ 6,672.00
8	Supply and execution of concealed / surface PVC/MS Pipe wiring with 1.5 sq. mm 660 / 1100. V. Grad PVC insulated copper wire multi strand of make **Finolex/Rediant/Finecab/Havells/L&T.** In PVC pipe of 1" dia (As per IS: 743 for wiring points) with 14 G/1.5 sq.mm green colour copper wire for earth continuity. Each light / fan point should be connected with MCBDB through control SP switch to three plate ceiling rose code 39072 of Roma modular type of Anchor or North West make / connector suspended duly with conduit / PVC pipe etc. Each ciruit should not have more than 7 points 700 watts.	Points	2.00	782.00	₹ 1,564.00
9	Supply and fixing of 3pin, 250 V. 10 Amps power socket cum switch with indication Roma type code 21113 and 21033 of Anchor make or North West. Fixed on suitable modular type concealed box top cover. Testing & commissioning.	Nos	2.00	317.00	₹ 634.00
				TOTAL	**₹ 36,535.20**

Note: The tenderers are required to quote their tender value on percentage (%) basis at excess or less or on par with estimated value

Tender (%)	in figues	in words
excess		
less		
estimate rate only		

SIGNATURE & SEAL OF BIDDER