

**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM :: HYDERABAD**  
**MAINTANANCE & SERVICES DIVISION**  
**PRICE BID FORMAT - 6C**

NAME OF WORK : **New wiring, Installation of roof light fittings (BHEL supply) along with supply of mentioned items for High bay roof lights at BC-bay and CD-bays of Common Workshop (08 block)**

Tender Notice : **M&S/P&C/2022/66, dt. 09.12.2022**

S.No.	Description of Work	Unit	Unit Rate (in Rs.)	Qty.	Amount
1	Supply and Installation of wiring circuits for light fittings on Roof with PVC insulated single core 4 sq.mm copper wire of make Finolex / Rediant / Finocab / Havells / L&T run on Reel insulators & in trunking (from DB to Truss).The cable must be bound to reel insulators at each bracket with suitable material (nylon tie). Independent neutrals are to be run for each circuit. Phase & Neutral of each circuit to be run on same row insulators. This wiring is meant for 150 - 180W, 230V highbay LED light fittings and one circuit is for two light fittings, Testing & commissioning of the circuit is to be carried out.	Meters	160	3000	480000
2	Supply and Installtion of MS angle bracket with 5 nos of 1100 V grade Porcelain Reel Insulators for running phase & neutral wires for each circuit suitable for the above wiring. Brackets are to be painted and clamped suitably to the roof trusses.	Each	700	44	30800
3	Supply, Installation and Alignment of Trunking of 100 x 38 mm of 18 gauge GI/MS sheet trunking for wiring to mediumbay fittings at a height of +8 to 18+ Mtrs above ground level. The trunk should have one side detachable similar to existing one and should be bolted after wiring.The trunk is to be installed on steel / RCC columns by providing clamps at intervals of 0.75 Mtrs. The trunk should be complete with all accessories like clamps etc.	Meters	1300	88	114400
4	Assembly, Erection, Testing and commissioning of 150 - 180W highbay LED light fittings. The fitting should be fixed at approx. height 18 to 20 metres and the fitting should be suspended from the roof purlins/ trusses by making suitable clamps made out of 6 mm thick flat and suitable 'S' hook/or welded as per site conditions and site engineer instructions.	Each	550	51	28050
5	Supply and Installation of MCB DB with TPN 415V, consisting of 10 to 20A -- 12nos MCBs on each phase i.e., a total of 36 Nos of MCBs, sheet enclosed, dust & vermin proof. Model KST1/12 of STANDARD/ KOPP MAKE along with controlling 100A CSFU (cast iron enclosure, GE make) switch fuse unit with HRC fuses, cable entry & reverse entry box, cable glands, PVC marking ferrules etc. It is to be fixed on a neatly fabricated steel frame and mounted on to walls or as required for lighting distribution. The job includes painting of steel frames, labelling / writing the connection chart inside the door with WHITE duco paint as required, double earthing, testing & commissioning.	Each	38512	2	77024

6	Supply & Laying of annealed 12 SWG (2.5mm dia) GI wire along with reel insulator brackets for earth continuity. The GI wire must be provided with cradle guards at 1.5mt intervals with 12 SWG (2.5mm dia) GI wire. The same cradle GI wire must be extended and run along with trunking and connected to the existing earth flat in the cable trench.	Meters	29	500	14500
7	Laying of 3.5C x25 Sqmm .Armoured Cable	Meters	55	50	2750
8	Laying of 3.5C x16 Sqmm .Armoured Cable	Meters	55	50	2750
9	Cable Joint	Number	715	2	1430
<b>Total Amount: Seven Lakhs Fifty One Thousand Seven Hundred and Four</b>					<b>7,51,704</b>
<b>GST will be Extra as applicable.</b>					

**Note:- The vendors are required to quote their tender value on percentage (%) basis at any one of (a) excess or (b) less or (c) on par with total estimated amount.**

SNO	Description	Tender % (in Figures)	Tender % (in words)
(a)	<b>Excess</b>		
(b)	<b>Less</b>		
(c)	<b>Estimate Rate only</b>		

Signature and Seal of the Contractor