

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD - 32
(TOWNSHIP ADMINISTRATION)
ELECTRICAL DEPARTMENT
SCHEDULE - 'A'

Tender No.: HY/TA/E/OT-04/2011-12

Date : 13.12.2011

Item No.: 01

Renovation of type-VI quarters (2 nos.) - Electrical Works.

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
1(a)	Supply & Wiring with 2run of 1.5sq.mm (22/0.3mm) PVC insulated multistranded copper conductor cable of L&T / Finolex make run together with single run of 1.0 sq mm PVC insulated multistranded copper conductor cable for earth continuity in concealed / surfaced rigid PVC conduit pipe of 25mm dia ;1.5 mm thick (Sudhakar make) through suitable MS junction boxes. Wiring includes supply, fixing and connection of 10A, 250V modular type ceiling rose / angle holder / batten holder of Roma make on teak wood / PVC round block and 10A, 250V modular type one-way switch of Roma make on cover plate preferably white with suitable MS box for control of light / fan / exhaust fan point ; all complete as directed by engineer in charge.	Each	46	875.00	40,250.00
1(b)	Same as above but without PVC conduit pipe . The existing concealed PVC pipes to be used for the wiring; all complete as directed by Engineer-in-charge.	Each	100	610.00	61,000.00
2	Supply & Wiring with 2run of 1.5sq.mm (22/0.3mm) PVC insulated multistranded copper conductor cable of L&T / Finolex make run together with single run of 1.0 sq mm PVC insulated multistranded copper conductor cable for earth continuity in concealed / surfaced rigid PVC conduit pipe of 25mm dia ;1.5 mm thick (Sudhakar make) through suitable MS junction boxes. This includes supply, fixing and connection of modular type multi tune electronic bell of Roma make on 7" x 4" decolam board with 10A, 250V modular type bell push switch of Roma make on cover plate preferably white with suitable MS box for control of bell point ; all complete as directed by engineer in charge.	Each	4	1,036.00	4,144.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
3	Supply & Wiring with 2run of 1.5sq.mm (22/0.3mm) PVC insulated multistranded copper conductor cable of L&T / Finolex make run together with single run of 1.0 sq mm PVC insulated multistranded copper conductor cable for earth continuity in concealed / surfaced rigid PVC conduit pipe of 25mm dia ;1.5 mm thick (Sudhakar make) through suitable MS junction boxes. Wiring includes supply, fixing and connection of 1 no. of 10A, 250V modular type ceiling rose / angle holder / batten holder of Roma make on teak wood / PVC round block and 2 nos. of 10A, 250V modular type two-way switches of Roma make on cover plates preferably white with suitable MS boxes for control of stair case light point ; all complete as directed by engineer in charge.	Each	2	1,322.00	2,644.00
4	Supply and fixing of 2/3 pin flush mounted multipurpose 10A, 250V modular type socket and 10A, 250V modular type switch of Roma make on cover plate preferably white with suitable MS box including internal connection with 1.5sq.mm wire for control to be fixed on common switch board ; all complete as directed by Engineer-in-charge.	Each	60	473.00	28,380.00
5	Supply & Wiring with 2run of 1.5sq.mm (22/0.3mm) PVC insulated multistranded copper conductor cable of L&T / Finolex make run together with single run of 1.0 sq mm PVC insulated multistranded copper conductor cable for earth continuity in concealed / surfaced rigid PVC conduit pipe of 25mm dia ;1.5 mm thick (Sudhakar make) through suitable MS junction boxes, if required. This includes Supply and fixing of 2/3 pin flush mounted multipurpose 10A, 250V modular type socket and 10A, 250V modular type switch of Roma make on cover plate preferably white with suitable MS box including internal connection with 1.5sq.mm wire for control to be fixed on separate switch board ; all complete as directed by Engineer-in-charge.	Each	40	945.00	37,800.00
6	Supply & fixing of 5/3-pin, 20/10A , 250V flush mounted modular type multipurpose socket and 20/10A, 250V modular type switch with neon on cover plate preferably white with suitable MS box including internal connection for power socket ; all complete as directed by Engineer-in-charge. (wiring included in 2.5 sq mm run of mains)	Each	20	620.00	12,400.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
7	Supply and installation of 20A single phase MCB box with 20A metal clad plug-socket of Legrand / MDS make for termination of cable for AC point ; all complete as directed by Engineer-in-charge.	Each	12	1,189.00	14,268.00
8	Supply & run of with 2.5 Sq mm PVC insulated Multistranded copper conductor cable of L&T /Finolex make run together with single run of 1.0 sq.mm PVC insulated multistranded copper conductor for earth continuity, run in concealed / surfaced rigid PVC conduit pipe 25 mm dia, 1.5 mm thick (sudhakar make) with all required accessories for single phase two wires run of mains ; all complete as directed by Engineer-in-charge.	Mtrs	600	124.00	74,400.00
9	Supply & run of with 4.0 Sq mm PVC insulated Multistranded copper conductor cable of L&T /Finolex make run together with single run of 1.5 sq.mm PVC insulated multistranded copper conductor for earth continuity, run in concealed / surfaced rigid PVC conduit pipe 25 mm dia, 1.5 mm thick (sudhakar make) with all required accessories for single phase two wires run of mains ; all complete as directed by Engineer-in-charge.	Each	400	158.00	63,200.00
10	Supply and fixing of 63A, 415 V porcelain base rewirable fuse units ; complete as directed by Engineer-in-charge.	Each	6	238.00	1,428.00
11	Supply, fixing and connecting of 3-phase 8-way single door MCB Distribution Box with 6A-32A MCB's and 80/100A isolator of MDS make; all complete as directed by Engineer-in-charge.	Nos	2	6,923.00	13,846.00
12	Supply & fixing of two runs of 2-core, 10.0 sq. mm PVC insulated PVC sheathed weather proof Aluminium Conductor cable of 1100 V grade with 7/18 SWG GI bearer wire outside building and concealed in rigid PVC conduit inside the building including necessary clips, insulation tape etc. for 3-phase, 4-wire service tapping ; all complete as directed by Engineer-in-charge.	Mtrs	50	100.00	5,000.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
13	Supply, fabrication & fixing of MS sheet cupboards made of 1.6mm thick sheet. The cupboard to be provided with single/double shutter and mechanical locking arrangements. The cupboards shall be given 2 coats of red-oxide paint and finished with necessary general purpose quick drying oil paint of suitable shade, etc.; all complete as directed by Engineer-in-charge.	Kgs	80	198.00	15,840.00
14	Providing of Earthing arrangement comprising of 100 mm inner dia, 3 mm thick GI pipe buried upto a minimum depth of 3.0 mtrs including filling the earth pit with homogenous layers of coke/charcoal, salt & sand etc. as required conforming to IS:3043 . Suitable length of 8 SWG bare copper conductor to be bolted at bottom of the pipe and run around the pipe upto the surface connection point (Copper conductor included as separate item). The earth pit to be provided with brick masonry chamber with hinged cover and watering arrangement; complete in all respects, as directed by Engineer-in-charge.	1 Set	4	3,169.00	12,676.00
15	Supply and fixing of 8 SWG copper bare wire / copper flat for earthing and bus-bar; all complete as directed by Engineer-in-charge.	Kgs	8	607.00	4,856.00
16	Supply & fixing of 1200 mm (48") sweep double ball bearing type ceiling fan of Bajaj / Orient / Crompton Greaves make, with all standard accessories including fan hooks, clamps etc. and connecting it up to the fan point with suitable length of 16/0.2mm PVC insulated twin twisted copper conductor cable; all complete as directed by Engineer-in-charge.	Each	14	1,952.00	27,328.00
17	Supply, fixing and connecting of modular type electronic step regulator of Roma make (catalog code no. 21496) for control of ceiling fan; all complete as directed by Engineer-in-charge.	Nos	14	500.00	7,000.00
18	Supply & fixing of flourescent tube light fitting TMS 207/140 HF of Philips make with <u>1 x TL 40 W</u> flourescent lamp with Electronic Decorative Batten for wall / ceilings mounting, with all necessary accessories; all complete as directed by Engineer-in-charge.	Nos	20	649.00	12,980.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
19	Supply and fixing of bulk head luminaire <u>FXC 101</u> of Philips make with <u>1 x PL-S 9W</u> lamp. The luminaire to be fixed on 7" x 4" teak wood board and connected; all complete as directed by Engineer-in-charge.	Nos	20	1,025.00	20,500.00
20	Supply & fixing of wall mounting decorative CFL luminaire <u>FL 800/320</u> of Philips make with <u>1 x Ecotone Crystal/Décor</u> lamp complete in all respect; as directed by Engineer-in-charge.	Nos	22	717.00	15,774.00
21	Removing of old wirings / fittings / accessories such as switches & sockets / boards / fans / lights fittings / lights etc., and old wiring accessories. Removed materials to be handed over to Electrical stores at TA office; all complete as directed by Engineer-in-charge.	Nos	320	64.00	20,480.00
22	Dismantling and refixing of single phase / three phase energy meters ; all complete as directed by Engineer-in-charge.	Nos	4	96.00	384.00
	TOTAL	(Rupees four lakhs ninety six thousand five hundred and seventy eight only)			496,578.00

Note:- The tenderers are required to quote their tender value on %age basis at excess or less or on par with estimated value.

Tender %	Figures	words
Excess		
Less		
Estimate rate only		

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)

Conditions :

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	The tender % age quoted by the contractor shall be inclusive of all taxes and duties (other than service tax) as applicable from time to time.
3	Service tax will be extra as applicable for this contract. Service Tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of proper documentary evidence for having paid the service tax by the contractor.
4	In case there is any difference in the quoted % age between figures and words, the resultant higher tender value will be taken for evaluation of tender priority and while awarding, lower tender value will be taken and this should be binding on the contractor.
5	The department reserves the right to cancel the work without assigning any reasons therefor.
6	Conditional offers are not acceptable.
7	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of BHEL-HR department.
8	The maintenance period of the work is 12 months from the actual date of completion of work. The security deposit will be released after satisfactory completion of the maintenance period.