



BHARAT HEAVY ELECTRICALS LIMITED

RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS (PRICE BID)

Name of work : Balance work pertaining to shifting of 250 kVA DG set to substation no. 2.

Tender Notice : HY/TA/E/OT-03/2016-17, Dt. 04.10.2016

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1. Schedule - A : Schedule of rates and approximate quantities

NAME & ADDRESS OF TENDERER:

PHONE NO. : _____

E-mail : _____

SCHEDULE - 'A'

BALANCE WORK PERTAINING TO SHIFTING OF 250 KVA DG SET TO SUBSTATION NO. 2.

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)
1	Providing of Earthing (as per IS:3043) with copper earth plate 600mm x 600mm x 3mm thick including accessories, and providing masonry enclosure on top (RCC/brick chamber) with MS cover plate having locking arrangement and watering pipe of 2.7 metre long etc. including supply & filling with alternate layers of charcoal/ coke and salt as required; complete all as directed by Engr-in-charge.	Set	4	8,559.00	34,236.00
2	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required; complete all as directed by Engr-in-charge.	Metre	40	120.00	4,800.00
3	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required; complete all as directed by Engr-in-charge.	Metre	20	766.00	15,320.00
4	Laying of one number PVC insulated and PVC sheathed / XLPE, 1.1 KV grade 3½ core aluminium power cable of size 150 sq. mm/ 185 sq. mm direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required; complete all as directed by Engineer-in-charge. (Cable will be supplied by BHEL)	Metre	220	179.00	39,380.00
5	Laying of one number additional PVC insulated and PVC sheathed / XLPE, 1.1 KV grade 3½ core aluminium power cable of size 150 sq. mm/ 185 sq. mm direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering etc.; complete all as directed by Engineer-in-charge. (Cable will be supplied by BHEL)	Metre	90	53.00	4,770.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)
6	Supplying and making end termination with brass compression gland and aluminium lugs for 3½ X 150 sq. mm PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required; complete all as directed by Engineer-in-charge.	Each	16	458.00	7,328.00
7	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed, etc. complete as directed by the Engineer-in-charge.	CuM.	6	129.00	774.00
8	Providing and laying in position plain cement concrete of grade 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) including consolidation, curing and cost of all materials; complete all as directed by Engineer-in-charge.	CuM.	7	4,404.00	30,828.00
9	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead; complete all as directed by Engineer-in-charge.	Kg.	1000	1.55	1,550.00
10	Labour charges for fabrication and erection of structural steel including cost of welding rods, power charges etc complete all as directed by Engineer-in-charge . (structural steel will be issued free of cost from BHEL stores).	Kg.	1000	12.00	12,000.00
11	Fixing of Hi-rib single skin bare galvalume sheets of 0.5 mm thick. 1 mtr width and length upto 12 mts. The roof shall be crest fixed to roof purlins with number 12.14 x 55 mm polymer coated galvanised hex head self drilling screws with integral washers and EPDM seals (4 fasteners for support) for sheet etc., (excluding cost of galvalume sheets) all complete as directed - For roofing, side cladding and louvers with necessary fixtures. All the safety measures should be taken care by the agency itself.	SqM.	60	75.00	4,500.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)
12	Supply & Engaging a Crane for lifting jobs etc. as required; all complete as directed by Engineer-in-charge. The hiring cost shall be inclusive of all, such as operator, helper, fuel, transportation etc.	Hour	2	800.00	1,600.00
GRAND TOTAL		(Rupees One lakh fifty seven thousand & eighty six only)			₹ 1,57,086.00

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

Tender (%)	in figures	in words
Excess		
Less		
Estimate rate only		

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 rate quoted by the contractor shall be inclusive of all taxes (except service tax) and duties levied by Central/State Govt. organizations as well as local authorities, as applicable from time to time.
3	Service tax will be extra if applicable for this contract. Service Tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.
4	Period of contract : one (1) month from the date of commencement Maintenance period : one (1) year from the date of completion.

SIGN. OF TENDERER