

Issued to: _____



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS (PRICE BID)

Name of the work : **Re-routing of 11 KV HT over head line to SS-20 (for
 Open Gantry Yard behind ET-Hostel).**

Tender Notice : **HY/TA/E/OT-02/2011-12, Dt. 27.05.2011; Item No. 03**

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

SIGN. OF TENDERER

ISSUING OFFICER

Address:

Phone No. _____

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

Tender No.: HY/TA/E/OT-02/2011-12
Date : 27.05.2011
Item No.: 03

Re-routing of 11 KV HT over head line to SS-20. (for Open Gantry Yard behind ET-Hostel)

Sl. No.	Nature of work	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
	NEW LINE				
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means for pole / stay pits of size 0.6m x 0.9m x 1.5m including disposal of excavated earth. Disposed earth to be levelled and neatly dressed for all kind of soils all as directed by Engineer-in-charge.	CuM.	29	101.85	2,953.65
2	Supply, transportation, erection, aligning in position and fixing of 28 feet long Heavy Duty RCC poles having size of 10" x 6" at bottom and 6" x 5" at top, all complete as directed by Engineer-in-charge.	No.	27	4,421.00	119,367.00
3	Plain Cement Concrete 1:2:4 mix using 40 mm guage down graded hard granite metal including curing, cost of all materials etc., complete all as directed by Engineer-in-charge.	CuM.	6	3,194.10	19,164.60
4	Coping of poles in proper sloping above the foundation with cement concrete 1:2:4 using 12/20 mm down graded metal and finishing smooth with cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces etc., complete all as directed by engineer-in-charge.	CuM.	1.5	4,814.35	7,221.53
5	Supply, fabrication and fixing of horizontal / V cross arms of required sizes for fixing to RCC poles; complete all as directed by Engineer-in-charge.	Kg.	330	208.00	68,640.00
6	Supply, fabrication and fixing of clamps made of MS flat of suitable sizes with proper nuts, bolts & washers for fixing of the cross arms; complete all as directed by Engineer-in-charge.	Kg.	140	95.00	13,300.00

Sl. No.	Nature of work	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
7	Supply & fixing of 256 mm dia. disc type insulators suitable for 11kV, complete in all respect with galvanised socket ended snail clamp to suit ACSR conductor upto 13 mm Ø, including GI bolts, nuts, washers etc.; complete all as directed by Engineer-in-charge.	No.	60	368.00	22,080.00
8	Supply & fixing of 150 mm height vitreous brown porcelain, HT pin type insulators suitable for 11kV, complete in all respects including GI spindle, nuts, washers etc.; complete all as directed by Engineer-in-charge.	No.	60	129.00	7,740.00
9	Supply & fixing of GI knobs with necessary bolts, nuts & washers etc., as directed by engineer in-charge.	No.	27	43.00	1,161.00
10	Supply, stringing, fixing in position and binding of ACSR conductor of size 7/2.59 mm on to the insulators for over head line; complete all as directed by Engineer-in-charge.	Rmt.	2500	35.00	87,500.00
11	Supply, assembly and erection of stay set complete in all respect with 16 mm Ø, 1.8 mtr. long anchor rod, 250 x 250 x 6 mm anchor plate, eye bolt made up of 16 mm Ø MS rod & necessary nuts-bolts etc.; complete all as directed by Engineer-in-charge.	Each	8	933.00	7,464.00
12	Supplying and fixing of 11 kV, 400 Amp. AB switch with tilting type blade set, complete in all respect with necessary nuts, bolts etc.; complete all as directed by Engineer-in-charge.	Each	1	7,095.52	7,095.52
13	Cutting of existing / falling of trees of following sizes (measured at a height of 1mtr. above ground level) including cutting of trees and branches, removing the roots and stocking of serviceable material at BHEL nursery stockyard including tractor loading and unloading, transportation at BHEL Nursery etc., and disposal of unserviceable material., complete all as directed by engineer in-charge.				-
a)	30cm girth upto & including 60 cm	Each	500	81.70	40,850.00
b)	60 cm girth upto & including 120cm	Each	250	359.80	89,950.00

Sl. No.	Nature of work	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
	ROAD CROSSINGS				-
14	Earth work in excavation of cable trenches of size 0.60m width & 0.75m deep in all kinds of soils (blasting prohibited), including cutting of flooring, CRS foundations & roads etc. and then returning (refilling) the soil as required and disposing of surplus excavated soil as directed by Engineer-in-charge. (CPWD - 2.10.1.2)	CuM.	90	115.05	10,354.50
15	Supply & spreading of 5 cm thick sand cushion around the cable & laying rough shahabad stone of size 300x300x30mm over the cable; complete all as directed by Engineer-in-charge.	Mtr.	200	97.00	19,400.00
16	Laying of 3-core, 120 sq.mm. XLPE Aluminium conductor cables in the cable trenches; all complete as directed by Engineer -in-charge. (cable will be supplied by department)	Rmt.	250	28.00	7,000.00
17	Termination of HT cable with supply and fixing of 11KV, heat shrinkable, outdoor type cable termination kit suitable for 3 x 120 sq.mm XLPE / PILC Aluminium conductor cable; inclusive of all required materials like cable jointing compound, hardener, epoxy insulators, lugs, bi-metallic washers etc. of reputable and standard make; complete all as directed by Engineer-in-charge.	Each	8	6,500.00	52,000.00
	REMOVING OF EXISTING LINE				-
18	Dismantling of Heavy Duty RCC poles of size 30'/28' long and transporting them to stores / site of work at around 2.5 km distance; complete all as directed by engineer in charge.	No.	15	666.00	9,990.00
19	Dismantling of ACSR conductors from the existing poles including dismantling of insulators, cross arms etc. and transporting them to stores / site of work at around 2.5 km distance; complete all as directed by engineer in charge.	Mtr.	560	25.00	14,000.00
				TOTAL	607,231.80

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

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		

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 rates quoted for the items of work shall be inclusive of all taxes (excluding service tax) and duties levied by Central / State Govt. Organisations as well as local authorities.
3	Service tax will be extra if applicable for this contract. 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 taxes by the contractor.
4	If the contractor has not quoted the %age clearly , it is considered as incomplete tender and tender cannot be accepted.
5	All BHEL general conditions of contract and special conditions enclosed to this document are applicable to this work.
6	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.
7	The department reserves the right to cancel the work without assigning any reasons therefor.
8	The billing is done as per the units specified and completion to the satisfaction of Engineer-in-charge.
9	The quantities shown above are approximate and liable for variation.
10	Conditional offers are not acceptable.
11	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.