

Issued to: _____

BHARAT HEAVY ELECTRICALS LIMITED

RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS (PRICE BID)

Name of the work : Providing of street lighting along south avenue road in BHEL township.

Tender Notice : HY/TA/E/OT-03/2012-13, Dt. 09.02.2013; Item No. 01

- - INDEX - -

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

ADDRESS :

PHONE NO. : _____

E-mail : _____

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD - 32
TOWNSHIP ADMINISTRATION / ELECTRICAL DEPARTMENT

Tender No.: HY/TA/E/OT-03/2012-13
Date : 09.02.2013
Item No.: 01

SCHEDULE - 'A'
PROVIDING OF STREET LIGHTING ALONG SOUTH AVENUE ROAD IN BHEL TOWNSHIP.

Sl. No.	Description	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
1	Supplying & transportation of 7.5 m height swaged MS pole (spec. no. 410-SP-5 as per IS 2713/1980) with single arm arrangement including bottom plate 300mm x 300mm x 6 mm thick and junction box with pipe for cable termination; total painted with single coat of red oxide paint and double coat of silver paint; all complete as directed by Engineer-in-charge.	Each	75	8,820.00	661,500.00
2	Erection of metallic pole as above in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required; complete all as directed by Engineer-in-charge.	Each	75	2,456.00	184,200.00
3	Providing and making steel pole collar with cement concrete (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm) of specified size and shape including form work, plastering if required, curing etc as required; complete all as directed by Engineer-in-charge.	CuM.	50	4,025.00	201,250.00
4	Supply, installation & testing of 80W LED street light luminaire to the pole arms including supply and connection with required length of 32/0.20mm (1.0 sq.mm) twin circular FR PVC sheathed flexible copper cable from pole junction box to light fitting including all incidental charges. Street light luminaire shall have high pressure die cast aluminium housing, POT optics reflector and heat resistant toughened flat glass offering IP-65 ingress protection. Make : Philips / Crompton Greaves / Moser Baer / Sujana / Promtech / Lighting Science / Sri Chakra Scientifics Pvt. Ltd.	Each	90	29,103.00	2,619,270.00
5	Supply, laying and fixing 150 mm dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc. as required; complete all as directed by Engineer-in-charge.	Metre	450	328.00	147,600.00
6	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of sizes upto 35 sq. mm direct in ground including excavation, sand cushioning, protective covering (with shahabad stones) and refilling thr trench etc. as required; complete all as directed by Engineer-in-charge. (cable will be supplied by BHEL)	Metre	5000	167.00	835,000.00

Sl. No.	Description	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
7	Supply and making cable end termination with brass compression gland and aluminium lugs for following sizes of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 kV grade; complete all as directed by Engineer-in-charge.				-
a)	4 core - 16 sq.mm.	Each	160	188.00	30,080.00
b)	4 core - 35 sq.mm.	Each	20	224.00	4,480.00
8	Supply, fabrication and erection of 1.6mm MS sheet enclosure for power control cubicle panel / boxes with hinges & mechanical locking arrangements etc., including cutting, bending, drilling, welding & reveting etc., complete and painting with 2 coats of red-oxide paint and finished with general purpose oil paint of suitable shade including cost and conveyance of all materials and labour charges; complete all as directed by Engineer-in-charge.	Kg.	320	184.00	58,880.00
9	Dismantling of pole/ street light standard/ strut embedded in cement concrete foundation etc. as required and transporting them to stores/ site of work at around 2.0 km distance; complete all as directed by engineer in charge.	Each	46	859.00	39,514.00
10	Cutting of tree branches of following girth and removing other kind of branches from the cut branch and stocking as directed by the Engineer-in-charge within a lead of 3 kms. (Separate payment will be made for transporting the tree branches from site to BHEL Nursery stockyard)				-
a)	100 to 200 mm girth	Each	1500	34.20	51,300.00
b)	above 200 mm girth	Each	1000	56.60	56,600.00
11	Engaging a tractor with hydraulic lift trailer for transportation of the tree branches from township at various places to nursery including loading, unloading with required no. of persons i.e., minimum 4 persons to be deployed along with the tractor etc., complete as directed by the Engineer-in-charge. (the tractor shall have a valid fitness certificate)	Days	5	2,672.00	13,360.00
	TOTAL	(Rupees forty nine lakhs three thousand & thirty four only)			4,903,034.00

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

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

Sl. No.	Description	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 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.