



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM::HYDERABAD::32
FACTORY CIVIL ENGINEERING DEPARTMENT

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-13/2012-13, Dt: 14.08.2012

PRICE BID

Item no.: 1

Name of work: Modification – Providing RCC cable trenches from 6 MW DPH and 5x1 MVA DPH to MRS for cable laying.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1a	Earth work in excavation in all soils by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (not exceeding 1.5 m in width or 10 Sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 M etc. complete as directed by Engineer-in-charge.	788.12	Cu. m.	103.40	81,491.61
b	Earth work in excavation by mechanical means (Hydraulic Excavators) / 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 upto 50 m and lift upto 1.5 m, disposing earth to be leveled and neatly dressed for Hard Rock (Blasting prohibited) etc. complete as directed by Engineer-in-charge.	28.75	Cu.M	325.25	9,350.94
2	Plain cement concrete 1:4:8 using 20mm and down graded granite stone metal including the cost of labour, all materials, curing etc., but excluding the cost of all form work, M.S. reinforcement and binding wire etc., complete (60% -20 mm size metal and 40% of 10 mm metal) etc. complete as directed by Engineer-in-charge.**	46.53	1 Cu. m.	1,560.50	72,610.07
3	Providing and laying in position reinforced cement concrete of specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement, including consolidation by vibrations for all works up to floor level with 1:1½ :3 (1 Cement : 1 1/2 Coarse sand : 3 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.**	232.53	Cu. m.	1,641.30	3,81,651.49
4	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding grills with binding wire all complete by cold twisted bars etc. complete as directed by Engineer-in-charge.**	17.89	M T	4,003.00	71,613.67
5	Fabrication and fixing inserts in concrete wall with lugs of required dia welded to the insert plates.(St. Steel, electrodes and gas required for work will be issued on free of cost by BHEL at their stores) etc. complete as directed by Engineer-in-charge.**	15.92	MT	3,500.00	55,720.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
6	Centering and shuttering including strutting, propping etc.; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts etc. complete as directed by Engineer-in-charge.	1,308.50	Sq.m	180.40	2,36,053.40
7	Casting and placing in position of R.C.C cable trench covers of 75 mm thick of mix 1:1.5:3 with 20 mm down graded metal including cutting, welding of Angle iron frame, spreading of Ironite powder at 2 Kg / Sq.m, neat finishing etc. (Fabrication of Angle iron frame and reinforcement will be paid separately under different items) etc. complete as directed by Engineer-in-charge.	304.75	Sq.m	184.00	56,074.00
8	Filling with available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidation each deposited layer by ramming and watering, lead upto 50.00 m and lift upto 1.50 m etc. complete as directed by Engineer-in-charge.	291.00	Cu.M	45.70	13,298.70
9	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	487.88	Cu.M	56.41	27,521.31
Total				₹	10,05,385.18
Add increase in Vat 1% over the material cost (70% of contractor scope)				₹	7,037.70
Total value of work				₹	10,12,422.88
Total : ₹ Ten lakhs twelve thousand four hundred twenty two and eighty eight paise only					

Note: **Cement, structural steel/MS reinforcement steel will be issue by BHEL on free of cost at BHEL stores.

1	A penalty of 0.5% of the gross value of work or part thereof will be levied for every week's or part thereof delay of work subject to a maximum penalty of 10% of the gross value of work.
2	The rates are inclusive of all taxes and duties except Service tax, which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor