



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-14/2013-14, Dt: 27.12.2013

PRICE BID

Item no.:1

Name of work: Providing sheds for material handling and vegetable cutting area at 02 canteen.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	3.00	Cu.m	582.68	1,748.04
2a	Earth work in excavation in all soils by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50M.	80.00	Cu.m	103.40	8,272.00
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 levelled and neatly dressed for Hard Rock (Blasting prohibited).	2.00	Cu.M	325.25	650.50
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size). Only cement will be issued by BHEL on free of cost at BHEL stores.	34.00	Cu.M	1,560.50	53,057.00
4	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement, including consolidation by vibrations for all works up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size). Only cement will be issued by BHEL on free of cost at BHEL stores.	14.00	Cu.M	1,641.30	22,978.20
5	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding grills with binding wire all complete by cold twisted bars. (Reinforcement steel will be supplied by BHEL on free of cost at BHEL stores)	1.10	M.T	4,003.00	4,403.30

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
6	Centering and shuttering including strutting, propping etc., and removal of form work, for foundations, footings, bases of columns etc. for mass concrete- up to plinth level.	80.00	Sq.m	119.25	9,540.00
7	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand) (Cement only will be issued on free of cost by BHEL)	33.00	Cu.M	1,521.00	50,193.00
8	Brick work with FPS bricks of class designation 75 in superstructure above plinth level up to ground floor in all shapes and sizes in cement mortar 1:6. (Cement only will be issued on free of cost by BHEL)	41.00	Cu.M	2,104.00	86,264.00
9	Plastering in CM 1:6, 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc., complete -Upto 10.00 M level. (Cement only will be issued on free of cost by BHEL)	370.00	Sq.m	65.80	24,346.00
10	Flooring in 25mm thick using 1 cement and 3 parts of granite stone chips of 3 to 10mm gauge (no sand) ellis pattern first sort including neat finishing , curing, cost of materials etc.; complete. (Cement only will be issued on free of cost by BHEL)	144.00	Sq.m	130.40	18,777.60
11	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.	70.00	Cu.M	45.70	3,199.00
12	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	10.00	Cu.M	56.41	564.10
13a	Fabrication of structural steel work including all materials going into the process of fabrication and forming an integral part of steel work together with all shop and site rivets and electrodes for site welding as necessary and all site connections comprising sag rods, floor beams, girders, bracings, trusses and frame work for fixed false ceiling and for movable false ceiling, purlins with channel / angles, MS flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates, all bolts, nuts, washers, base plates, anchor bolts as per detailed drawings, cutting, welding and painting 2 coats of red-oxide primer before erection etc., complete. The rate shall include painting 2 coat of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard. The raw structural steel sections, electrodes, gasses will be issued by BHEL on FREE of cost at BHEL stores. (Dismantled structures can be used.)	8.60	MT	7,563.80	65,048.68

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
b	Erection of Steel work out lined in item No.13a above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site rivetting, bolting, jointing and site welding where ever required.	8.60	MT	3,241.60	27,877.76
14	Painting at site of all structural steel work with 2 coats of aluminium paint / synthetic enamel paint of approved shade to trusses, columns, girders, bracings etc., with aluminium paint or synthetic enamel paint as required etc., complete. The required paint only will be issued free of cost by B.H.E.L at BHEL stores.	8.60	MT	596.50	5,129.90
15	Fabrication and fixing of M.S holding down bolts , threaded both sides including supply of nuts, washers etc., complete as directed. (M.S. rounds as per required size will be issued on free of cost at BHEL stores)	0.05	MT	26,476.30	1,323.82
16	Fabrication and fixing in position MS rain water gutter made out of 2.5 mm to 3.15 mm thick MS sheet including one coat of Red-oxide to relevant IS specifications, riveting or welding the joints, making joints water tight and providing spouts wherever required and painting with two coats of aluminium paint etc., complete all as per drawing. MS sheet of 2.5 mm to 3.15 mm thick will be issued free of cost by B.H.E.L at BHEL stores.	9.00	RM	464.00	4,176.00
17	Supplying and fixing plain PVC pipe of 110 mm dia of 6 kg's/cm² of approved quality and confirming to IS: 4985/2000 with specials accessories and approved sealing /jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joing to MS gutters, including cost of all materials, sealing compound, labour etc., for all heights complete.	10.00	RM	211.00	2,110.00
18	Fixing MS windows in existing opening including embedding chowkhats in floors or walls, cleaning of old windows etc. all as directed by Engineer in Charge.	17.00	each	214.20	3,641.40
19	Refixing of old glass panes with putty and nails to the MS windows.	17.00	Sq.m	128.55	2,185.35

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
20	Applying exterior emulsion paint 2 coats over one coat of primer to external new plastered surfaces including cost of all labour and other incidentals. (only exterior paint will be issued by BHEL on free of cost).	370.00	Sq.m	20.55	7,603.50
	Total value of work			₹	4,03,089.15
Total : ₹ Four lakhs three thousand eighty nine and fifteen paise only					

Note:

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of gross value of the total work executed.
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		