



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT- 12 /2010-11 , Dt: - 13.08.2010

PRICE BID

Item no : 02

Name of work : Dismantling existing compound wall, structural work, construction construction of new compound wall and Shifting/modification of services lines crossing Road No. 2 at K-Gate.

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
	PART- I : Dismantling existing compound wall				
1	Dismantling brick masonry walls for all heights, removing and clearing the debris and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	294.00	Cu.m	355.88	104628.72
2	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	30.00	Cu.m	582.68	17480.40
3	Dismantling doors ,windows, and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc complete and stacking within 50 m lead of area 3sqm and below	31.00	Nos	54.60	1692.60
4	Dismantling M.S. partitions (Weldmesh, glazed or panelled) of standard size 1.20mx2.40m or 1.20mx3.30m including M.S. Posts and transporting and stacking the materials for reuse etc.,complete as directed by the Engineer -in -charge (The rate shall include for removing glass panes before dismantling glazed partitions and stacking glass panes.)	12.00	Each	643.35	7720.20
5	Dismantling Roofing including ridges, hips, valleys and gutters etc and stacking the material within 50 m lead of G.S. Sheet.	421.00	Sq m	24.70	10398.70

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
6	Dismantling of cycle shed of 5 spans including removal. Transporting and stacking at BHEL stores or any other place (upto 2 KMS. lead) for reuse of A.C. sheet, ridges, purlins, trusses, columns, etc., complete steel columns shall be loosened by breaking concrete using necessary tools etc., as directed by Engineer-in-charge.	10.00	Each	4833.85	48338.50
7	Dismantling steel work in built up sections in angles tees, flats and channels including all gusset plates, bolts, cutting rivets, welding etc., including dismembering and stacking within 50 metres lead.	10.00	MT	890.11	8901.10
8a	Felling trees of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable materials and disposal of unserviceable materials - upto 1.20 M	255.00	Each	359.80	91749.00
b	---- upto 2.40 m----	64.00	Each	1658.85	106166.40
9	Removing of corrugated / semi corrugated, A.C sheets including North Light curves barge boards etc., in roof, sides, gable ends, louvers etc., and stacking the materials carefully for reuse wherever required.	200.00	Sq.m	41.60	8320.00
10	Dismantling aluminium /gypsum partitions, doors windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within lead of 50m as directed by Engineer-in-charge.	171.00	Sq m	8.65	1479.15
			Total of Part -I		4,06,874.77
	PART-II: Construction of new compound wall				
1	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.	120.00	Cu.m	103.40	12408.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
2	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).	11.00	Cu.M	2449.00	26939.00
3	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand)	95.00	Cu.M	1913.10	181744.50
4	Providing and laying in position specified grade, of Reinforced cement concrete excluding the cost of centering,shuttering, finishing and reinforcement - all work up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) -	6.00	cu.m	3359.60	20157.60
5	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.	80.00	Cu.M	2357.40	188592.00
6	Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars, peirs, abutments, machine foundations, posts and struts.	60.00	Sq.M	180.40	10824.00
7	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.	0.50	M.T	42700.00	21350.00
8	Providing raised and cut Pointing to CRS walls with cement mortar 1:3 (1 cement : 3 fine sand).	120.00	Sq.m	112.00	13440.00
9	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.	60.00	Cu.M	45.70	2742.00
10	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.	770.00	Sq.m	95.10	73227.00
11	Applying exterior emulsion paint 2 coats to external new plastered surfaces including curing etc., over a coat of primer (paint will be issued free of cost by BHEL at their stores).	840.00	Sq m	29.90	25116.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
12	Supplying and fixing of GI barbed wire of 12 gauge, 2 ply to the fencing poles all as directed by the Engineer– incharge . Measurement will be made for RMT of each row of the barbed wire.	1100.00	R M	5.85	6435.00
13a	Fabrication of structural steel work including all materials going into the process of fabrication and forming and integral form 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 rate includes cost of electrodes, gasse etc., The raw structural steel sections will be issued FREE of cost at BHEL stores.	0.40	MT	7563.80	3025.52
b	Erection of Steel work out lined in item No.1 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.	0.40	MT	3241.60	1296.64
c	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 their stores.	0.40	MT	596.50	238.60
			Total of Part -II		5,87,535.86

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
	PART-III: Shifting/modification of services lines crossing Road No. 2				
1	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.	55.00	Cu.m	103.40	5687.00
2	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).	3.00	Cu.M	2449.00	7347.00
3	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).	52.00	Cu.M	3732.00	194064.00
4	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.	4.20	M.T	42700.00	179340.00
5	Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts.	125.00	Sq.M	180.40	22550.00
6	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)	0.36	MT	26476.30	9452.04

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
7a	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 their stores	8.60	MT	7563.80	65048.68
7b	Erection of Steel work out lined in item No.1 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	3241.60	27877.76

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
7c	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 their stores.	8.60	MT	596.50	5129.90
			Total of Part -III		5,16,496.38
	Total (Part - I, Part- II & Part - III)				15,10,907.01
Total : Rs.Fifteen lakhs ten thousand nine hundred seven only.					

Service Tax:- The Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

Note : The Tenders are required to quote the tender value on percentage (%) basis at excess or less or on as per estimate value

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer