



BHARAT HEAVY ELECTRICALS LIMITED
 RAMACHANDRAPURAM, HYDERABAD-32
 FACTORY CIVIL ENGINEERING DEPARTMENT

Issued to agency:

PRICE BID

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-07/2009-10 , Dt:24.07.2009

Item no : 03

**Name of work : - Civil works - Renovation of T 17 & T18 sub-stations in
 04 Block.**

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
1	Supply and fixing glazed steel windows and ventilators of approved make including supply and fixing 4 mm thick plain glass with best quality putty. MS handles and peg stays including painting with two coats of synthetic enamel paint over one coat of red oxide paint including supplying and fixing weldmesh 50 x 50 mm (8G x 8 g). The window section and fabrication shall confirm to I.S. 1038.	1.00	Sq.m	1114.00	1114.00
2a	Dismantling of existing cement plastering including disposal of debris upto 2 Kms by mechanical transport.	242.00	Sq.m	9.10	2202.20
b	Surface preparation of roof slab and gutter/galtha by manual or mechanical to remove loose mortar etc and washing the surface thoroughly with water.	210.00	Sq. m.	30.00	6300.00
c	Applying Sika latex modified cement slurry bonding coat at the intersection of roof slab with parapet wall.	20.00	Sq. m.	60.00	1200.00
d	Providing and applying two coats of Acrylic based elastomeric, crack bridging waterproofing coating on the roof slab parapet wall etc. in the following sequence. i) Sika top seal 107 first coat @1.5 Kg/Sq. m ii) Intermediate reinforcement layer of SIKA Fab '1' iii) Second coat of Sika top seal 107 @ 1.5 Kg/Sq.m	210.00	Sq. m.	220.00	46200.00
e	Providing and applying protection layer of screed concrete 1:2:4 using 20 mm down size aggregates admixed with IS 2645 integral water proofing SIKA compound plastocrete plus @ 130 ml per bag cement. Cost of cement, sand and aggregates are excluded.	210.00	Sq.m	150.00	31500.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
f	Making saw cut joints of 6 mm x 10 mm on the screed concrete at every 4 mtrs. Interval in both directions to prevent drying & hardened shrinkage cracking and filling the joints with flexible UV resistant two component pourable grade PU sealent, SIKA-IGAS-Ih.	210.00	Sq.m	30.00	6300.00
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on new work(two or more coats) over and including priming coat with cement primer.(Only OBD Paint will be supplied by BHEL)	1515.00	Sq.m	39.85	60372.75
4	Applying Snowcem/interior 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).(Only exterior emulsion Paint will be supplied by BHEL)	2031.00	Sq.M	28.22	57314.82
5	Applying two coat of synthetic enamel paint of given shade over a coat of primer to new wood work including scraping the surfacess, cost of all labour, tools and other incidentals etc.complete.(Only Synthetic enamel Paint will be supplied by BHEL)	120.00	Sq.m	28.51	3421.20
6	Plastering in CM 1:4 , 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.	282.00	Sq.m	110.45	31146.90
7	Supplying and fixing plain PVC pipe of 90 mm dia of approved quality with specials, accessories and approved sealing /jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters , including cost of all materials ,sealing compound ,labour etc., for all heights complete	18.00	One RM	77.20	1389.60
8	Removing of Existing M.S Rolling shutter of Size 80 X 1.25 mm . (Rs.28.25 / Each) (Rate for 16 No. is Rs. 452.00)	1.00	Each	452.00	452.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
9	Supply and fixing of Electrically operated rolling shutters conforming to as per IS 6248 , Shutter curtain made out of Aluminum Double Wall with 60 mm, OD " C " class Pipe, side Guide 150x2.5 mm thick Top Bracket 6 mm thick, MS Plate and Aluminum Bottom Rail 3.0 mm thick and Angle support 40x40x5 mm thick Angle End to End, Hood Cover 1.00 mm thick, Electrical Gear Operated System with 1 No of Reduxion Gear Box, 1 No Cromption Induction Motor 3 Phase(capacity of the Motor shall be suitable to the size of the doors as mentioned below) with Limit Switch and Reversible Switch make of Bharat Cutter with necessary electrical cabling required for operation of shutter.One coat of Red Oxide paint except shutter curtain. The rolling shutter shall be provided with proper locking arrangement and shall be as per IS 6248. The rate quoted shall include cost of all materials, labour and scaffolding etc complete as directed by Engineer.The measurement will be made on finished item of the work for payment.(The shutter curtain is made out of Aluminium and all the other items are made out of MS and the approximate size of the door in 8 X 6 M).	32.00	Sq.M	9396.00	300672.00
10	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).	3.00	Cu.M	3732.00	11196.00
11	Fabrication and fixing M.S. Angles in the concrete with 10mm dia lugs welded to the M.S. Angle (Strl. Steel,electrodes and gases required for the work will be issued on free of cost by BHEL at their stores).	0.40	One MT	3500.00	1400.00
12	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.	15.00	Cu.M	2357.40	35361.00
13	Dismantling reinforced cement concrete / plain cement concrete and disposing of debries upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	1.00	One Cu.m	582.68	582.68

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
14	Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars,peirs,abutments,machine foundations, posts and struts.	15.00	Sq.M	180.40	2706.00
15	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.	0.20	MT	42700.00	8540.00
				Total : Rs	609,371.15

Rupees : Six Lakhs nine thousand three hundred seventy one 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 Rate only		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer