

Issued to agency:



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

SCHEDULE- A

Tender Notice No:

PRICE BID

HY/FCD/OT-15/2009-10 , Dt: - 24.10.2009

Item no : 01

Name of work : - Construction of Gantry Yard - 156 M X 30 M at GT Complex area.

| S. No | Description | Approx Qty | Unit | Rate in Rs | Amount (Rs) |
|-------|---|------------|------|------------|-------------|
| 1a | 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. | 2080.00 | Cu.m | 103.40 | 215072.00 |
| b | ----do---- up to First additional depth of 1.50 M to 3.00 M. | 100.00 | Cu.m | 122.30 | 12230.00 |
| 2 | 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). | 350.00 | Cu.M | 325.25 | 113837.50 |
| 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). | 530.00 | Cu.M | 2449.00 | 1297970.00 |
| 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). | 337.00 | Cu.M | 3732.00 | 1257684.00 |

| S. No | Description | Approx Qty | Unit | Rate in Rs | Amount (Rs) |
|-------|--|------------|------|------------|-------------|
| 5 | 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. | 190.00 | Cu.M | 45.70 | 8683.00 |
| 6a | Conveyance of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge. | 1890.00 | Cu.M | 56.41 | 106614.90 |
| b | Conveyence for every addl lead of 1 km | 1890.00 | Cu.m | 6.91 | 13059.90 |
| 7 | Centering and shuttering including strutting, propping etc; and removal of form work, for columns, pillars,peirs,abutments,machine foundations, posts and struts. | 1650.00 | Sq.M | 180.40 | 297660.00 |
| 8 | Reinforcment for R.C.C. work including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars. | 70.00 | M.T | 42700.00 | 2989000.00 |
| 9 | Providing and laying in position cement concrete of specified garde excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size). | 1030.00 | Cu.m | 3257.45 | 3355173.50 |
| 10 | Granolithic topping of 25 mm thick using 1 cement 1 granite chips of 10mm down graded laid over base concrete when it is green conditions and ironite finishing 12mm thick using a mix of 50Kg of ironite , 200 Kg of cement and 0.30 Cu.m of granite metal 6mm down graded including cost of form work , curing etc. complete. | 4740.00 | Sq.m | 428.50 | 2031090.00 |
| 11 | Providing , hoisting and fixing a up to floor five level precast reinforced cement concrete post including setting in cement mortar 1:3 (1 cement : 3 Coarse sand), cost of required centering and shuttering and finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces but excluding the cost of reinforced with 1:1½ :3 (1 cement : 1½ coarse sand : 3 graded stone aggregate)- For DSL posts | 17.00 | Cu.m | 5243.25 | 89135.25 |

| S. No | Description | Approx Qty | Unit | Rate in Rs | Amount (Rs) |
|-------|---|------------|------|------------|-------------|
| 12 | Fixing CR 120/52 Kg rails for various gauges at floor level including fixing side guide angle etc., complete with necessary clamps required for fixing rails in position and alignment, leveling as per B.I.S 7215-1974. (M.S rails, M.S. Angles, Strl. steel will be issued free of cost by BHEL at their stores).Including cost of clamps,bolts & nuts etc., | 31.00 | MT | 6000.00 | 186000.00 |
| 13 | 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) | 13.00 | MT | 3500.00 | 45500.00 |
| 14a | Fabrication & Erection 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. | 8.00 | MT | 8805.00 | 70440.00 |
| b | Erection of Steel work out lined in item No.14a 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. | 8.00 | MT | 3774.00 | 30192.00 |

| S. No | Description | Approx Qty | Unit | Rate in Rs | Amount (Rs) |
|--|--|------------|------|------------|----------------------|
| 15 | 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. | 8.00 | MT | 596.50 | 4772.00 |
| 16 | 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. | 5.00 | Cu.m | 582.68 | 2913.40 |
| Total Rs. | | | | | 12,127,027.45 |
| Total : Rs. One Crore twenty one lakhs twenty seven thousand and twenty 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 Rate only | | |

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer