

**BHARAT HEAVY ELECTRICALS LIMITED**

RAMACHANDRAPURAM :: HYDERABAD-32

MAINTENANCE &amp; SERVICES DIVISION

FORMAT 6-C

**TENDER DOCUMENT ( PRICE BID )****NAME OF WORK : Modification of Effluent Treatment Plant of New surface treatment shop at 03 Block****Tender Notice : M&S/P&C/2014/44 Date: 16.10.2014**

Schedule of rates and approximate quantities

S.No.	Description of work	Unit	Qty	Unit rate (In RS)	Amount (In RS)
1	Dismantelling of 3Ø,0.75KW/1.02HP,415V,2820 RPM Motor with self priming coupled Pump, Non clog centrifugal pumps at 08 shop	No's	4	1500	6000
2	Fixing of 3Ø,0.75KW/1.02HP,415V,2820 RPM Motor with self priming coupled Pump, Non clog centrifugal pumps at new ETP of ST Shop.	No's	4	2350	9400
3	Supply and Fixing of 3Ø,0.75KW/1.02HP,415V,2820 RPM Motor with self priming coupled Pump, Non clog centrifugal pumps. of Make Kirloskar with rain hood. (Which is suitable to Industrial Applications like pumping petroleum products, chemicals, effluents, Sewage, ash -water etc. Head 6- 24 meters,Discharge Capacity 2.9 LPS,Suction and Delivery is 50mm)	No's	2	20750	41500
4	Supply and Fixing of 3Ø,0.75KW/1.02HP,415V,2820 RPM Motor with self priming coupled <b>Sludge Pump</b> , Non clog centrifugal pumps. of Make Kirloskar with rain hood. (Which is suitable to Industrial Applications like pumping petroleum products, chemicals, effluents, Sewage, ash -water etc. Head 6- 24 meters,Discharge Capacity 2.9 LPS,Suction and Delivery is 50mm)	No's	3	22500	67500
5	Supply and Fixing of Agitator with rain hood :Slow speed paddle type,Shaft & paddle in SS 316,Electric motor coupled to speed	No's	2	40000	80000
6	Supply and Fixing of 3Ø,1.5KW/2HP,415V,2820 RPM Motor with self priming Pump of Make Kirloskar with rain hood.	No's	1	16500	16500
7	Supply and fixing of 1Ø,1.5kw/2HP,415V, Submericble pump with outlet of 50mm.It should have suitable/sufficient length of electrical cable and flexible out let pipe of dia. 50mm , 25Meters for pumping treated Effluents to RO input Sump.	No's	1	12000	12000
8	Supply and fixing of 50mm HDPE Pipe at required places (Including all required bends and Flanges) (Type:B-class/ 6 kg pressure rating, Make:Best Indian standard makes e.g Jindal, Swastik, Tata.	Running Meters	200	286	57200
9	Supply and fixing of foot valves which is suitable to arranging pumps	No's	10	3100	31000
10	Supply and fixing polypropylene/Teflon valves of size 50mm for closing / opening opeartion /diversion of the flow to other tanks.	No's	12	4050	48600

11	Supply of 4 Core X 2.5 Sq. mm ,Armoured, PVC insulated multistranded Copper cable of standard make.	Running Meters	200	135	27000
12	Laying of 4 Core X 2.5 Sq. mm,Armoured, PVC insulated multistranded Copper cable on suitable Cable tray /Trench/wall.	Running Meters	200	14	2800
13	Preparation of electrical joints using suitable copper crimping type lugs for 4Core X 2.5 Sq.mm copper cable and connection at required place.	No's	20	220	4400
14	<b>EARTHING</b> Supply and Erection of earth pits for Equipment/ Accessories body earthing with 65 mm dia GI Pipe medium ( Class-B) , 3000 mm long with holes of 12 mm dia at 150 mm apart at random and 50 X 6 X 260 mm MS earthing plate welded to the pipe as per drawing. The work also includes supply of material for alternate layers of Charcoal , Salt and making Brick / RCC chamber , cement plastering , MS cast Iron cover plate , testing and commissioning	No's	1	7290	7290
15	Supply and installation of copper wire/strips of the size 14 SWG or 25/5,copper bare wire or Flat from earth pits to MCC panel/ Motors/Pumps/ switches.	Running Meters	100	23	2300
				<b>Total</b>	<b>413490</b>

**The tenderers are required to quote their tender value on %age basis at excess or less or on**

<b>Tender ( % )</b>	<b>in figures</b>	<b>In Words</b>
<b>Excess</b>		
<b>Less</b>		
<b>Applicable Taxes</b>		

<b>Estimated Rate</b>	
<b>In Figures:</b>	
<b>In Words:</b>	

**Other Conditions:**

1	The rate quoted by the contractor shall be inclusive of all taxes (except service tax) and duties levied by Central/State Govt. organizations as well as local authorities, as applicable from time to time.
2	Service tax will be extra if applicable for this contract. Service Tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.
3	The contractor if asked by the contract executing officer should produce proper documents (i.e., cash bills/invoices/delivery challans etc. in original) in support of purchase of materials, whichever is in the scope of the contractor as mentioned in the schedule of the contract.

**Signature of Tenderer**