



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-31/15-16, Dt: 07.11.2015

PRICE BID

Item no.: 1

Name of work:- Operation & Maintenance of Effluent Treatment Plants of Factory area.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
	PART - A				
1	Operation and maintenance of effluent treatment plants, for a period of 24 months after obtaining the desired results / approval from the statutory authorities. All consumables, treatment chemicals, repair and maintenance for regular running of Effluent Treatment plants shall have to be borne by the contractor. Periodical monitoring of treated effluents from Pollution Control Board approved laboratory and packing and stacking of dried sludge in the ETP vicinity is in the scope of contractor. The operation and maintenance of the ETP plants are to be executed as per procedure mentioned in O & M manuals. Agency should submit all the test reports and log sheet along with bill for the above maintenance contract.				
(i)	Final Effluent Treatment Plant (C-1), Effluent Treatment Plant near 03 Block (C-2) and Effluent Treatment Plant at Motor Transport area (C-4). Detailed Scope of work, design of the plant and testing of effluent plants are enclosed.	24.00	One Month	19,227.59	4,61,462.23
(ii)	One Plant Engineer required for operation and maintenance of above three Effluent Treatment Plants, for completing one operation per a day. The Plant Engineer shall be a qualified chemical Engineer, having thorough knowledge in operation and maintenance of Effluent Treatment plant.	604.00	One Operation	1,192.05	7,19,998.20
(iii)	Two Skilled services required for operation and maintenance of above Effluent Treatment Plants, for completing one operation per a day.	604.00	One Operation	1,248.26	7,53,949.04
(iv)	Four Unskilled services required to assist the above operators for operation and maintenance of above Effluent Treatment Plants, for completing one operation per a day.	604.00	One Operation	2,496.52	15,07,898.08
	VAT not applicable for Part-A items				
	PART - A Total			₹	34,43,307.55

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
	PART - B				
1	Supply of 2" PVC Ball Valve	10.00	Each	88.73	887.26
2	Supply of 1 1/2" PVC Ball Valve	10.00	Each	119.00	1,189.98
3	Supply & fixing of 110 mm PVC Pipe	70.00	R M	129.00	9,030.00
4	Supply of 75 mm PVC Pipe	70.00	R M	67.00	4,690.00
5	Supply of 3" dia PVC Flexi Hose	400.00	R Ft.	37.58	15,030.40
6	Supply of Star / Spider Washers	100.00	Each	754.73	75,473.20
	Total			₹	1,06,300.84
	Inclusive VAT @ 5% Extra on Item Nos. 1 to 6			₹	5,315.04
	PART - B Total			₹	1,11,615.88
	Total value of work (PART - A & B)			₹	35,54,923.43

Note:

1	A penalty of 0.5% of the gross value of work shall be levied for every weeks or part there of non-execution/delay in the execution of work subjected to maximum penalty of 10% of the gross value of total part 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.
3	VAT on Part-B will be recovered from the agency bill as applicable from time to time.
4	Payment will be made on the basis of operation of plant after fulfilling all the requirements as certified by Engineer-in-charge.
5	Compliance of Service Tax and TDS clause will be considered as applicable.
6	Sales Tax is applicable on Part-B. The sales tax will be recovered from the bills of the contractor as applicable from time to time.
7	The agency shall engage qualified in the filed of chemical knowledge with a degree/diploma to maintain the plant operations.
8	Effluent flow characteristics of the treatment shall meet the requirements as per the annexe 1, 2, 3, 4.

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		