

Bharat Heavy Electricals Limited

High Pressure Boiler Plant

Tiruchirappalli – 620 014. India

Civil Engineering Department (Factory)

TENDER DOCUMENT (PRICE BID)	
Name of work	: Annual Maintenance Contract for Maintenance of Sewer lines and storm water drains including Removal of blockages etc., for BHEL - Trichy, Factory complex
Tender Schedule No	: CF: TS: 021 / 19 - 20
Value of Work	: Rs. 15.00 Lakhs + Applicable GST
Tender Evaluation Cost (60% max based on split and award condition for 2 vendors)	: Rs. 9.00 Lakhs
EMD	: Not Required (since the work is Sanitation Nature as per Cl. 5.1.3 (g) of Works Policy 2016.)
Period of Contract	: 15 (Fifteen) Months

CONTRACTOR

1

ACCEPTING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPALLI - 620 014**

SCHEDULE - A

Name of Work: Annual Maintenance Contract for Maintenance of Sewer lines and storm water drains including removal of blockages etc., for BHEL – Trichy, Factory complex.

I / We _____ have read the condition of tender attached here to and agree to abide by such conditions. I/We offer to execute the works in **Error! Reference source not found.** for a period of **Error! Reference source not found.** at the percentage below / at par / above the rates contained in Bill of Quantities appended **below from Page 03.**

I / We further agree to sign an Agreement Bond to abide by the General Conditions of Contract and to carryout all works according to the specifications for materials and works of Bharat Heavy Electricals Limited, Tiruchirapalli-620 014. In case of acceptance of the tender by the BHEL, I/We bind myself/ourselves to execute the contract documents within 7 days after notice that my/our tender has been accepted and this contract has been awarded to me/us and thus failing which I/We shall have no objection to the forfeiture of the Earnest Money amount to **Not Required** lodged with Bharat Heavy Electricals Limited, Tiruchirapalli-620 014.

I / We further agree to include all tools & plants and consumables required for the work in my / our scope but required power and water will be provided at one point by BHEL at free of cost and based on this, we have quoted our percentage.

Note: Details & Quantities of each item of work shown in the BILL OF QUANTITIES are only approximate and the same is appended below. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority. The work under each item as executed shall be measured and priced at the overall percentage quoted by the contractor **Below (100-X) % / At par (100%) / Above (100+X) %** of the rates provided in Bill of Quantities appended below from **Page 03.**

Sl. No.	Approx. Value of work	Common single Percentage Rate (Below (100 – X)% / At Par (100%) / Above (100 +X) %) to be quoted with respect to the rates provided in the Bill of Quantities (all items as enclosed in the Price Bid of the Tender Document) from Page No. 3.	
		In Figures	In Words
1.	Rs. 15.00 Lakhs (100%) (Excluding GST)		

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2

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Note: BHEL estimate total 100% is given below. Contractor has to quote Common single percentage, Below (100-X) % / At par (100%) / Above (100+X) %, with respect to the estimate total in Bill of Quantities below, at page 2 both in figures and in words.

BHEL / TRICHY-620 014 , CIVIL ENGINEERING DEPARTMENT (FACTORY)

BILL OF QUANTITIES

Name of work: Annual Maintenance Contract for Maintenance of Sewer Lines and Storm water drains including Removal of blockages etc., for BHEL - Trichy, Factory Complex.

Sl. No.	SR No.	DESCRIPTION	Units	BHEL Rate
10	0101A	Earthwork excavation (TRENCHES) in soils given below by mechanical means (Hydraulic excavator) / manual means and depositing the excavated earth at suitable places within the initial lead of 50 meter and initial lift of 1.5 meter for narrow drains, sewers and other works related to cleaning of drainages, sewer lines all as per standard specifications and instructions of Engineer-in-charge. All kind of soils except rock	M3	125.80
20	0107A(i)	Extra for earth work in or under water and/ or liquid mud, including pumping out water as required.	M3	25.15
30	0108A	Extra for every additional lift of 1.5 metre or part thereof in all kind of soil except rock	M3	32.45
40	1147A	Cleaning and complete removal of all the obstructions/blockage accumulated such as silt, sand, debris, all other wastes etc. from manhole and disposing the same in the nearby low level areas. Scope includes opening the manhole cover, removing all the blockage such as silt, sand, debris, all other wastes etc., lifting, disposing the same in the nearby low level areas, all labour, tools, repositioning the manhole cover after finishing the job etc. complete. Manhole up to 1.50 metre depth	EACH	168.50
50	1147B	Cleaning and complete removal of all the obstructions/blockage accumulated such as silt, sand, debris, all other wastes etc. from manhole and disposing the same in the nearby low level areas. Scope includes opening the manhole cover, removing all the blockage such as silt, sand, debris, all other wastes etc., lifting, disposing the same in the nearby low level areas, all labour, tools, repositioning the manhole cover after finishing the job etc. complete. Manhole beyond 1.50 but up to 3.30 metre depth	EACH	378.40
60	1148	Cleaning the sewer line in all depths between manhole to manhole and complete removal of all the obstructions/blockage accumulated such as silt, sand, debris, all other wastes etc. by means of blockage removal machine attached with sewer cleaning rod etc. and disposing the same in the nearby low level areas. Scope includes opening the manhole cover, removing all the blockage such as silt, sand, debris, all other wastes etc., lifting, disposing the same in the nearby low level areas, all labour, tools, repositioning the manhole cover after finishing the job etc. complete. Blockage removal machine attached with sewer cleaning rod for the job will be issued by BHEL at stores at free of cost.	R.M	16.80

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3

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Sl. No.	SR No.	DESCRIPTION	Units	BHEL Rate
70	1513	Cleaning and removing all unwanted things from the roof terrace of various buildings at an elevated level of 12 to 20 metre from FFL. Rate includes labour, tools, wire brush, brooms, baskets etc., sweeping and clearing off all dirt, silt, dust, leaves and other foreign matters etc. without damaging the terrace treatment and thereby collecting all the wastes in bags/baskets, lowering to ground floor without affecting the working environment and dumping the same in the nearby dust bins/earmarked areas/low lying areas etc. complete. Sweeping has to be done only as and when necessary. Payment will be made only for the areas where actually the job was carried out.	100 SQM	15.60
80	1537	Cleaning of Septic tanks including removal of all sludge/waste material with septic tank cleaning vehicle of tank capacity of 7000 litres and conveying the waste to all leads and disposal off. Rate includes hire and running charges for the septic tank cleaning vehicle with driver and labour for cleaning the septic tank, cost of tools and plants, all incidental charges, leading disposing off the sewage and wastages etc. as per the instructions of Engineer in Charge. Payment will be made for one trip up to a maximum of 7000 litres quantity of sewage	TRIP	2687.50
90	1509A	Conveyance of earth, sand, gravel, rough stone, broken stone, brick bats (debris) etc. by contractor's own lorry including loading, leading, unloading, stacking or spreading, all as per instructions of Engineer-in-charge. Payment for conveyance of earth will be made based on pit measurement and for other items based on stack measurements. 0-1 KM	M3	114.00

Note: Mentioned rates excludes GST% and Quantity of work will be given in work order.

Total tender value = Rupees Fifteen Lakhs only

CONTRACTOR

4

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