

TENDER DOCUMENT (PRICE BID)		
Name of work	:	Replacement of Faulty Electrical Service Lines in Township, Trichy-14.
Tender Schedule No	:	CT:TS:011/20-21
Estimate / Tender Value	:	Rs. 11,17,889 (Excluding GST)
EMD	:	Rs. 22,358
Period of Contract	:	15 (Fifteen) Months
Date of Notification	:	21.10.2020
Last Date of Receipt of Tender	:	29.10.2020 @ 10:00 hrs.
Issued to	:	
Date of Tender Opening	:	29.10.2020 @ 10:00 hrs.

Important Note:

EMD EXEMPTION WILL NOT BE ALLOWED TO MSME / NSIC VENDORS for works contract. This tender is categorized as a work contract. Hence Tenderers are compulsorily need to remit the required **EMD** in order to participate in the Tender. Tender without corresponding EMD will be summarily rejected and will not be considered for any reasons.

SCHEDULE 'A'**LIST OF WORKS AND PRICES****NAME OF WORK: Replacement of Faulty Electrical Service Lines in Township, Trichy-14.**

I / We _____ have read the condition of tender attached hereto and agree to abide by such conditions. I / We offer to execute the works in **T.S No. CT: TS: 011/ 20- 21** for a period of **15 (Fifteen) months** at the percentage below / at par / above the rates contained in Bill of Quantities appended below from **Page No. 3 to 5**

I / We further agree to sign an Agreement Bond to abide by the General Conditions of Contract and to carry out 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 menus and thus failing which I / We shall have no objection to the forfeiture of the Earnest Money amount to **Rs.22,358** 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 No. 3 to 5.**

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 to 5.	
		In Figures	In Words
1.	Rs. 11,17,889 =(100%) (Excluding GST)		

CIVIL ENGINEERING DEPARTMENT (TOWNSHIP), BHEL, TRICHY - 14**BHE: P: C: T: 09:****Dt. 21 10 2020**

Note: BHEL estimate rates are given below. Contractor has to quote the overall percentage only {Below (100-X %) / At par (100%) / Above (100+X %)} at page No. 2 both in figures and in words

BILL OF QUANTITIES**Name of work: Replacement of Faulty Electrical Service Lines in Township, Trichy-14**

SL NO	Description	Unit	Qty	Unit Rate	Amount (Rs)
10	Removal of the existing O.H service line connection with EB coordination and return to stores with complete set in rolled condition	M	11000	1.06	12243
20	Supply and stringing of two wire single phase 230 Volts, A.C supply OH / LT service line with 7/20 SWG PVC insulated PVC Sheathed stranded copper conductor cable using 2 No's of porcelain reel insulator at 0.5 metre intervals bound with No. 16 SWG copper wire with continuous run of No. 12 SWG G.I wire in the existing G.I / PVC pipes. Rate also includes providing PVC sleeve in the existing GI pipe mouth, end termination of OH service line and necessary connection in the energy meter etc. No.12 SWG G.I wire should be connected in EB earth and in meter board without any joint. Restoration of power supply with EB coordination will be the responsibility of the contractor.	M	11000	80.82	933471
30	Removal of the existing Damaged GI Pipes and return to stores.	M	200	5.32	1117.2
40	Supply and fixing of 20 mm dia. G.I pipe class A with necessary bend and painted MS clamps. Service pipe should be rigid with stay wire/ clamps. Service pipe should be rigid with stay wire/clamps.	M	200	26.58	5581.8

CONTRACTOR**3****ACCEPTING OFFICER**

CIVIL ENGINEERING DEPARTMENT (TOWNSHIP), BHEL, TRICHY - 14**BHE: P: C: T: 09:****Dt. 21 10 2020**

SL NO	Description	Unit	Qty	Unit Rate	Amount (Rs)
50	Supply and fixing of 2 Nos. of TW plank of size 350 x 210 x 16 mm with suitable angle iron frame work on wall to accommodate Energy meter, 32A cutout and fitted with 230V/32 Amps C Type double pole MCB (Havells / Legrand / GE/ Hager only one brand on any of these) with metal surface mounting box including supply and fixing 1 No. of 32 amps rewirable fuse unit. Meter box, MCB box are to be earthed by GI wire as per EB std. code of practice..	SET	20	1015.07	21316.47
60	Supply and fixing weather proof meter box of size 50 x 40 x 20 CM (approx.) with hinged doors made up of 18 Gauge GI sheet to accommodate meter board with peep through glass for meter reading, locking and meter card pocket arrangements etc. Complete..	SET	20	106.34	2233.14
70	Supply and stringing of four wire three phase OH service line with 7/20 SWG PVC insulated PVC Sheathed copper conductor cable using 4 Nos. of porcelain reel insulator at 0.5 metre intervals bound with No.16 SWG copper wire with continuous run of No.12 SWG G.I wire in the existing G.I / PVC pipes. Rate also includes providing PVC sleeve in the existing GI pipe mouth, end termination of OH service line and necessary connection in the energy meter etc. No.12 SWG G.I wire should be connected in EB earth and in meter board without any joint. Restoration of power supply with EB coordination will be the responsibility of the contractor.	M	200	188.51	39587.1
80	Supply and laying of No. 12 SWG GI wire for earthing.	M	500	1.06	556.5
90	Supply and laying of No. 8 SWG GI wire for earthing.	M	500	5.3	2782.5

CONTRACTOR**4****ACCEPTING OFFICER**

CIVIL ENGINEERING DEPARTMENT (TOWNSHIP), BHEL, TRICHY - 14**BHE: P: C: T: 09:****Dt. 21 10 2020**

SL NO	Description	Unit	Qty	Unit Rate	Amount (Rs)
100	Supply and erection of earth electrode using 40 mm dia. G.I pipe of 2.5 metre length with 50 x 6 mm GI brackets, necessary earthwork excavation of required dimensions, providing alternate layers of salt and charcoal, through bolt, suitable GI funnel with perforated cover for filter on the top of GI pipe, masonry chamber, RCC cover, all in general conforming to IS 3043.	EA	40	797.89	33511.38
110	Removal and Reconnect the O.H. Service Line in Quarters, Public Bldgs. for Tree Cutting, Trimming of Branches, Dead Tree Fallen.	EA	300	207.9	65488.5
		Total Net Value excl. tax in Indian Rupee :			1117888.59

Special Instructions :

Note:

1. The Contractor should engage electrician in groups to sort out the complaints received
2. The complaints should be cleared within 24 hrs. as per the instructions of Engineer-in-charge.
3. All the safety measures should be followed.

CONTRACTOR

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ACCEPTING OFFICER