

| TENDER DOCUMENT (PRICE BID) | |
|------------------------------------|--|
| Name of work | : Maintenance of Ceiling fans in Township occupied & vacant quarters and public buildings |
| Tender Schedule No | : CT: TS: 006/ 19 - 20 |
| Estimate / Tender Value | : Rs. 12,96,005.59 (Excluding GST) |
| EMD | : Rs. 25,920.00 |
| Period of Contract | : 15 (Fifteen) Months |

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: Maintenance of Ceiling fans in Township occupied & vacant quarters and public buildings.

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: 006/19 - 20 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, Tiruchirappalli-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. 25,920.00** lodged with Bharat Heavy Electricals Limited, Tiruchirappalli - 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. 12,96,005.59 (100%) (Excluding GST) | | |

CIVIL ENGINEERING DEPARTMENT (TOWNSHIP), BHEL, TRICHY - 14

BHE: P: C: T: 09:

Dt. 22 05 2019

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

**BHEL / TRICHY – 620 014
CIVIL ENGINEERING DEPARTMENT - TOWNSHIP
BILL OF QUANTITIES**

Name of work: **Maintenance of Ceiling fans in Township occupied & vacant quarters and public buildings.**

| Sl. No | Description | Qty. | Unit | Rate (Rs. P) | Amount (Rs. P) |
|---------------|---|-------------|-------------|---------------------|-----------------------|
| 10 | Cleaning of Ceiling fan / Exhaust fan / Pedestal Fan / Cabin fan in buildings using cleaning powder. Cleaning powder will be supplied by BHEL at stores at free of cost. | 2400 | Each | 18.17 | 43608.00 |
| 20 | Cleaning of tube light and it's fittings in buildings using cleaning powder. Cleaning powder will be supplied by BHEL at stores at free of cost. | 3400 | Each | 18.17 | 61778.00 |
| 30 | Labour charges for rectifying / replacing the faulty SPT switch / flush type switch / fan regulator / Ceiling rose / tightening of all screws all as per instructions of Engineer-in-charge. (Removed materials should be returned to stores. For replacement, BHEL will supply at stores at free of cost.) | 3100 | Each | 79.93 | 247783.00 |
| 40 | Supply and fixing of rubber shackle for ceiling fan. | 1500 | Each | 18.17 | 27255.00 |
| 50 | Supply and fixing of complete set of suitable cotter pins, bolts and nuts to hold the ceiling fan in the down rod the removed old bolts and nuts to be return to stores. | 1500 | Set | 21.80 | 32700.00 |
| 60 | Supply and fixing of new down rod pipe of 20mm dia. 2mm thick with 1 meter length suitable for all sweep ceiling fans including bolt, nut, cotter pin. | 60 | Each | 101.72 | 6103.20 |
| 70 | Labour charges for removing the faulty fan (all sweeps / ceiling / exhaust / cabin) from it's position, disconnect and bringing the same to Township Electrical repair shop for repairs. | 2300 | Each | 90.83 | 208909.00 |
| 80 | Conveying (all sweeps) ceiling / exhaust / cabin fan from BHEL stores / Electrical repair shop to site and carefully refixing the same in the hook, connecting, testing and handing over the fans to the occupant. (Rubber shackle will be supplied by BHEL wherever necessary). | 2000 | Each | 72.66 | 145320.00 |

CONTRACTOR

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ACCEPTING OFFICER

CIVIL ENGINEERING DEPARTMENT (TOWNSHIP), BHEL, TRICHY - 14

BHE: P: C: T: 09:

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| Sl. No | Description | Qty. | Unit | Rate (Rs. P) | Amount (Rs. P) |
|---------------|---|-------------|-------------|---------------------|-----------------------|
| 90 | Overhauling the ceiling fan at Township Electrical repair shop including dismantling the fan's body and blades, checking the wire insulations, connection, down rod, lock nut, cotter pins, applying grease, oil seal, cleaning, replacing the ball bearing etc. Required ball bearings, grease, kerosene, etc. will be supplied by BHEL stores at free of cost. Rate includes testing in the presence of Department staff after overhauling | 1200 | Each | 72.66 | 87192.00 |
| 100 | Supply and fixing new condenser of 2.5Mfd / 440VAC, 50Hz. (Make: Keltron / Tibcon / Universal) to replace faulty condenser for fan slow fault. Faulty Condenser should be returned to stores. | 3438 | Each | 72.66 | 249805.08 |
| 110 | Supply of ball bearing to replace faulty ball bearing. Faulty bearing should be returned to stores. NBC 6201 ball bearing. | 200 | Each | 54.50 | 10900.00 |
| 120 | Supply of ball bearing to replace faulty ball bearing. Faulty bearing should be returned to stores. NBC 6202 ball bearing. | 200 | Each | 65.39 | 13078.00 |
| 130 | Supply of ball bearing to replace faulty ball bearing. Faulty bearing should be returned to stores. NBC 6203 ball bearing. | 67 | Each | 79.93 | 5355.31 |
| 140 | Supply and fixing replacing ELECTRONIC fan regulator, Surface mounting type of Socket type with mounting box. (Make: - kalki / Lisha / Anchor / Havells) to replace faulty regulator. Faulty regulator should be returned to stores. | 600 | Each | 217.98 | 130788.00 |
| 150 | Supply and wiring with 3 runs 1.5 Sq.mm PVC insulated multistrand copper conductor cable in PVC conduit pipe of 18-20 mm dia. for exhaust fan including supply and fixing 1 No. 6 Amp flush type switch in 4"x4" T.W box with 3 mm hylam sheet cover and providing 1 No. ceiling rose on suitable place. Power connection shall be taken from the nearest existing switch board at kitchen. | 50 | P | 254.31 | 12715.50 |
| 160 | Labour charges for fixing the light duty 9 inch sweep exhaust fan by suitably altering the window / ventilator by removal of glass pane etc. supply and fixing M.S flat of size 25 x 3 to 4 mm and of length 450 mm (approx..) 2 Nos. on the window / Ventilator with suitable bolts, nuts etc. over which the exhaust fan will be bolted in line, level and alignment. Rate also includes painting the M.S flats with two coats of synthetic enamel paint, cost of fasteners (bolts and nuts, coach screws etc.), labour and all other incidental charges etc. complete. | 50 | SET | 254.31 | 12715.50 |

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CIVIL ENGINEERING DEPARTMENT (TOWNSHIP), BHEL, TRICHY - 14

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| | | | | | |
|------------------|---|--|--|--|---------------------|
| | All as per standard specification and instructions of Engineer-in-charge. Exhaust fan will be supplied by BHEL at stores at free of cost. | | | | |
| Total Rs. | | | | | 12,96,005.59 |

Note:

- 1) All supplied materials, re-winded Fans and Motors should be covered by SIX months Guarantee.

CONTRACTOR

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ACCEPTING OFFICER