

ಚಾಮುಂಡೇಶ್ವರಿ ವಿದ್ಯುತ್ ಸರಬರಾಜು
ನಿಗಮ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಖರೀದಿ ಶಾಖೆ
ಚಾವಿರನಿ, ಮೈಸೂರು-570017
Telephone No: 9448994705



CHAMUNDESHWARI ELECTRICITY
SUPPLY CORPORATION LIMITED
(A Government of Karnataka Undertaking)
Corporate Office, Procurement Section
CESC, Mysuru-570017
Website: www.cescmysore.org
E-mail ID: gmpurc@cescmysore.org

Company Identity Number (CIN): U40109KA2004SGC035177

CESC/GM(P)/DGM(P)/AGM (P-1)/2020-21/ 24489-92

Date: 16 MAR 2021

DETAILED WORK AWARD

BY REGD. POST ACK. DUE

M/s Sri Veerabhadreshwara Electricals,
#76, Near School, Sunkathonnuru, Main Road,
Heggadahalli, Pandavapura, Mandya-571434.

Sir,

Sub: Providing/Improving electrical infrastructure under Special Development Plan,
on Total Turnkey basis under Unit Rate contract in Malavalli Taluk.

Ref: 1) CESC/GM(P)/DGM(P)/AGM(P-1)/2020-21/C2-4874, Date: 21-10-2020

2) Tender No. in e-portal: CESC/2020-21/EL/WORK_INDENT1264

3) Techno-Coml Bid opened on 30-11-2020 & Price Bid on 21-01-2021

4) Negotiation held on 18-01-2021

5) Note approved by Hon'ble MD, CESC vide para(40)/09-02-2021

6) T.O. LOI No: 22154-57, dated: 11-02-2021

7) Letter of Acceptance dated: 01-03-2021

8) Contract Agreement dated 23-02-2021

9) Karnataka Grameena Bank, Sunkathonnur Branch, BG No:
12318BG02010/20-02-2021, Amount: ₹3,83,000/-, Validity: 19-05-2022.

Please find herewith Detailed Work Award (DWA) in triplicate for Providing/Improving electrical infrastructure under Special Development Plan, on Total Turnkey basis under Unit Rate contract in Malavalli Taluk. The Bid document and all amendments issued thereof pertaining to subject enquiry forms the part of this Detailed Work Award.

This Detailed Work Award may please be acknowledged and returned duly affixing your signature and seal of your firm on all pages within 7 days. Please quote the Detailed Work Award number and date in all your future correspondence to this office.

1. SCOPE OF WORK:

Scope of Work includes:

- Supply of materials, construction and testing of 11KV HT lines (Link Lines, Extension) on 9 Mt RCC/PSC poles using Rabbit ACSR conductor.
- Supply and construction of LT lines (Link Lines, Extension) on 8/9 Mt RCC/PSC poles using Weasel ACSR conductor.

ನೋಂದಾಯಿತ ಕಛೇರಿ: ನಿಗಮ ಕಾರ್ಯಾಲಯ, ನಂ.29, ವಿಜಯನಗರ, 2ನೇ ಹಂತ, ಹಿನ್ಕಲ್, ಮೈಸೂರು - 570017

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- iii) Additional TC works: Supply & Erection of BEE Star-1 Rated (Max. Loss Level: 50% Load-190 Watts & 100% Load-635 Watts), BIS Certified, 25KVA Distribution Transformer Centre on Double pole structure as per CESC specification.
- iv) HT/LT reconductoring works
- v) Providing Intermediate Poles to HT/LT lines
- vi) The materials which are not in the schedule (left out materials) but are essential for completion of works are to be supplied by the agency and the rate for the same (supply & erection) will be paid as per quoted tender premium over prevailing Schedule of Rates.
- vii) Any other related works
- viii) The Executive Engineer (Elec.), O & M Division shall approve and issue Work Awards for individual works.
- ix) Any Registration/Statutory Inspection Fees lawfully payable under any Statutory Laws and its Amendments from time to time during Erection in respect of the Equipment, ultimately to be owned by the Owner, shall be paid by the contractor. The same shall be reimbursed to the contractor on submission of challans/receipts for payment of statutory charges.
2. **Price Schedules:** Quoted price of individual materials required for the scope of work is here with given in the tables below.
3. **Prices:**
The prices are firm throughout the Period of Contract. No price variation is allowed.
4. **Work Awarding Officer:**
The work awarding officer is the Executive Engineer (Elec.) of the concerned O & M Division will operate the rate contract. He shall approve and issue the work orders for individual works based on available budget as per prevailing rules. Minimum of thirty days and maximum of forty five days shall be given to complete each work award depending on the volume of work involved.
5. **Completion period:**
The work shall be completed in all respect within **Six Months from the date of DWA.** However, early completion of works is preferred.
6. The cost of works proposed against this contract is **₹127.63 Lakhs (One Twenty Seven Lakhs Sixty Three Thousand only).**
7. **Performance Guarantee:**
The firm has furnished a Bank Guarantee of **₹3,83,000/- (Rs. Three Lakh Eighty Three Thousand Only)** towards performance guarantee at 3% of the contract value, as mentioned vide reference (9). The Guarantee shall be **valid up to 90 days after the expiry of warranty period i.e., 15 months from the date of the LOI** as per Clause No. 19.0(c) of Section II, ITB and Clause-32.2 of Section III, GCC of Volume-I. Document. However the same shall be renewed for further period as per the requirement of the bid document.
8. **Liquidated Damages:**
If the extension is due to delay from the contractor side, the proposal with reason for delay and audited calculation for claiming liquidated damages shall be submitted thro' proper

channel to this office by the Executive Engineer(Elec.) of the O&M Division as per clause 14.1 of GCC & clause 13.0 of SCC. As per clause 14.1 of GCC, if the Contractor fails to complete Commissioning within the time fixed under the Contract, the Contractor shall pay to the Owner as Liquidated Damages and not as Penalty, a Sum specified for each specified period of Delay. The details of such Liquidated Damages are brought out in the accompanying Special Conditions of Contract (SCC). Equipment and Materials will be deemed to have been delivered only when all its Components, Parts are also delivered. If certain Components are not delivered in time, the Equipment and Materials will be considered as delayed until such time the missing Parts are also delivered. The total amount of Liquidated Damages for delay under the Contract will be subject to a maximum 10% of the Contract Price.

9. Taxes and Duties:

The amount of award is inclusive of all applicable taxes, duties, works, contract tax, freight & insurance or levies that are applicable in respect of transaction between the firm and CESC. Service Tax/GST as applicable shall be borne by the contractor. Which is not included in the Bid, shall be to Firm account and CESC shall have no liability whatsoever in this regard.

10. Completeness:

All the necessary equipment and materials that are required for the work even though they have not been mentioned in the scope of work & specifications but are necessary for successful completion of work is deemed to be included in the scope of work & specification and bidder shall supply those materials and undertake erection also complying with ECC. However if essential material required other than indicated in Bill of material for successful completion of work, such material cost will be paid as per the quoted percentage on prevailing SR which will be considered at the time of awarding of work as per GCC(2.6).

11. Payment:

The terms of Payments shall be as below;

- (1) **Ninety percent (90%)** of the total cost of each work award including supply of materials, erection, test & commissioning of the equipment/materials along with 100% taxes & duties, Freight & Insurance charges as mentioned in the award against completion of each work award issued by the concerned division will be paid subject to furnishing the following:
 - i. Material purchase Invoice in duplicate.
 - ii. Material inspection/test certificates issued by the TA&QC/Concerned Executive Engineer.
 - iii. Physical inspection/verification of materials utilized for works at site with certification by Engineer in charge of work.
 - iv. Joint inventory from Agency and AEE (Elec), O&M of concerned sub-division.
 - v. Spot inspection report from TA & QC Engineer of respective divisions shall be submitted along with bill.
 - vi. Completion certificate shall be submitted along with bill.
 - vii. Transit insurance copy if any.
 - viii. Transformer – Make, Sl. No and Year of Mfg. along with DTC metering details shall be recorded on the bill.

- (2) Balance **ten percent (10%)** of the total cost of each work award will be retained with CESC towards fulfillment of work performance guarantee and will be released on completion of the guarantee period 18 months from the date of supply or 12 months from the date of commissioning whichever is earlier on performance certification issued by the concerned AEE of Sub-division and Section officers of concerned unit.
12. Notwithstanding anything contained to the contrary in the Bid documents, storage insurance for materials stored at the site by the contractor shall be to the account of the Contractor alone and no amount whatsoever is payable by the CESC, Mysore.
13. **Jurisdiction of contract:**
The laws applicable to the contract shall be laws in force in India. The courts of Mysore shall have exclusive jurisdiction in all matters arising under this contract.
14. The successful bidder shall procure and supply the materials from CESC approved vendors/regular suppliers to CESC only. Any proposal for procurement of materials other than the approved vendors, '**vendor approval**' shall be obtained from the owner prior to supply of such bought out items. **The owner reserves the right to choose vendors for approval.** List of Vendor Approved Firms/Regular suppliers to CESC is available in the CESC's official website.
15. **Approval for Drawings:**
Necessary approvals for the drawings of the materials to be supplied to the works are to be obtained in advance from the undersigned.
16. **Commissioning of completed work:**
Approval from Electrical Inspectorate, Govt. of Karnataka/Railway Crossings shall be obtained before commissioning and handing over of completed work to the Executive Engineer (Elec.,) O & M Division.
17. **Guarantee:**
The materials supplied and the work executed shall be guaranteed as per the conditions stipulated in the Bid document.
18. All technical specification and commercial terms and conditions as per specification shall be complied with, except for deviation, if any specifically discussed and agreed to.
19. The Contractor firm is responsible for guaranteed performance and timely completion of the total contract.
20. This Detailed work award shall be read in conjunction with the letter of Intent issued, Contract Agreement, Performance Guarantee and Bid Documents of the Subject enquiry along with subsequent Amendments, if any, issued by this office.
21. Guarantee & warranty as stipulated in the Bid conditions.
22. The other terms and conditions are as stipulated in the bid document.
23. **Settlement of disputes:**
Any dispute or difference or claim arising out of, or in connection with, or relating to the present contract or the breach, termination or invalidity thereof, shall be referred and settled under the Arbitration center – Karnataka(Domestic and International) Rules 2012, by one or more arbitrators appointed in accordance with its rules.

24. Price Schedule:**Annexure – A: HT Line Extension**

| Sl No. | Particulars of material | Unit | Qty. | Unit Price including TTK Parameters as per CSR 2018-19 (Rs.) | Unit Price including TTK Parameters as per CSR 2018-19 (Rs.) | Awarded Unit Price @ 0% including TTK Parameters as per CSR 2018-19 (Rs.) | |
|--------|--|------|------|--|--|---|---------|
| | | | | Material | Labour | Material | Labour |
| 1 | 9.00 Mtrs long RCC pole 145 Kg WL | Nos. | 1 | 6516.46 | 1589.03 | 6516.46 | 1589.03 |
| 2 | 9.00 Mtrs long PSC pole 200 Kg WL | Nos. | 1 | 3841.36 | 1589.03 | 3841.36 | 1589.03 |
| 3 | Rabbit ACSR | km | 1 | 38004.33 | 3909.88 | 38004.33 | 3909.88 |
| 4 | 11kV, 5kN Composite / Polymeric Pin Insulator (24mm dia FRP Rod) | Nos. | 1 | 187.43 | -- | 187.43 | -- |
| 5 | 11kV, 45kN Polymeric Insulators | Nos. | 1 | 170.77 | -- | 170.77 | -- |
| 6 | 11KV Horizontal cross arms with clamp, HTST , bolts &nuts of required size and washers etc for RCC pole. | Nos. | 1 | 462.34 | 144.46 | 462.34 | 144.46 |
| 7 | 11KV Horizontal cross arms with clamp, HTST , bolts &nuts of required size and washers etc for PSC pole. | Nos. | 1 | 456.09 | 144.46 | 456.09 | 144.46 |
| 8 | DP Set using RCC, 145KG WL/PSCC Pole 300Kg WL - MS (Dwg No. BESCOM/GM/QS&S/33 Dtd 24.11.2018) BoM No. | Set | 1 | 4808.72 | 4876.10 | 4808.72 | 4876.10 |
| 9 | Guy sets complete with No.15 strain insulator and concreting materials | Set | 1 | 864.28 | 531.49 | 864.28 | 531.49 |
| 10 | Guy concreting with Boulders, Mud and Sand | Nos. | 1 | -- | 237.13 | -- | 237.13 |
| 11 | PG clamps for Rabbit conductor | Nos. | 1 | 82.26 | -- | 82.26 | -- |
| 12 | Spiral earth electrode | Nos. | 1 | 171.81 | 83.13 | 171.81 | 83.13 |
| 13 | Providing guarding at Road Crossings, Telephone Line Crossings(Labour Charges includes fixing of Cross Arms) | Mtr | 1 | 83.30 | 15.06 | 83.30 | 15.06 |
| 14 | Caution/Danger board as per drawing | Nos. | 1 | 152.03 | 72.23 | 152.03 | 72.23 |
| 15 | Anti climbing device (12 Mtrs/1 kg GI barbed wire) | kg | 1 | 79.14 | 38.16 | 79.14 | 38.16 |

Annexure – C: Extension of LT Line

| Sl No. | Particulars of material | Unit | Qty. | Unit Price including TTK Parameters as per CSR 2018-19 (Rs.) | Unit Price including TTK Parameters as per CSR 2018-19 (Rs.) | Awarded Unit Price @ 0% including TTK Parameters as per CSR 2018-19 (Rs.) | |
|--------|--|------|------|--|--|---|---------|
| | | | | Material | Labour | Material | Labour |
| 1 | 8.0 Mtrs long RCC poles.115 kg WL | Nos. | 1 | 4900.36 | 1270.13 | 4900.36 | 1270.13 |
| 2 | 8.0 Mtrs long PSC poles.200 kg WL | Nos. | 1 | 3180.13 | 1270.13 | 3180.13 | 1270.13 |
| 3 | Weasel ACSR | km | 1 | 22442.10 | 2867.33 | 22442.10 | 2867.33 |
| 4 | LT 4 Pin Cross arms with pole clamp, B&N of required size and washers etc for RCC pole | Set | 1 | 283.23 | 144.46 | 283.23 | 144.46 |
| 5 | LT 4 Pin Cross arms with pole clamp, B&N of required size and washers etc for PSC pole | Set | 1 | 276.99 | 144.46 | 276.99 | 144.46 |
| 6 | Pin Insulators 1.1 KV class with G.I.Pins, Nuts & Washers | Nos. | 1 | 49.98 | -- | 49.98 | -- |
| 7 | No.8 Strain Insulators | Nos. | 1 | 16.66 | -- | 16.66 | -- |
| 8 | Guy sets complete with 8 strain insulators & concreting materials | Set | 1 | 864.28 | 531.49 | 864.28 | 531.49 |
| 9 | Guy concreting with Boulders, Mud and Sand | Nos. | 1 | -- | 237.13 | -- | 237.13 |

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Annexure – B: DTC

| Sl No. | Particulars of material | Unit | Qty. | Unit Price including TTK Parameters as per CSR 2018-19 (Rs.) | Unit Price including TTK Parameters as per CSR 2018-19 (Rs.) | Awarded Unit Price @ 0% including TTK Parameters as per CSR 2018-19 (Rs.) | |
|--------|---|--------------|------|--|--|---|---------|
| | | | | Material | Labour | Material | Labour |
| 1 | 9 Mt RCC DP Transformer Structure (Excluding 9 Mt RCC Poles) | No | 1 | 14168.97 | 6169.40 | 14168.97 | 6169.40 |
| 2 | 11kV/433V, 25KVA, 3 Phase, 50 Cys Distribution Transformer BEE-4 Star Rated with Oil | No | 1 | 67580.37 | 1022.10 | 67580.37 | 1022.10 |
| 3 | Guy sets complete with No.15 strain insulator and concreting materials | Set | 1 | 864.28 | 531.49 | 864.28 | 531.49 |
| 4 | Guy concreting with Boulders, Mud and Sand | Nos. | 1 | -- | 237.13 | -- | 237.13 |
| 5 | Earthing materials pipe type for grounding as per drawing (single electrode with accessories) | Set/3Nos | 1 | 4688.97 | 2579.78 | 4688.97 | 2579.78 |
| 6 | Caution/Danger Board | No | 1 | 152.03 | 72.23 | 152.03 | 72.23 |
| 7 | Anti-Climbing device(12mtrs/1Kg GI Barbed Wire) Lumpsum | kg | 1 | 79.14 | 38.16 | 79.14 | 38.16 |
| 8 | GI Wire 8 SWG | Kgs | 1 | 65.91 | -- | 65.91 | -- |
| 9 | Guy wire 7/10SWG | Kgs | 1 | 67.83 | -- | 67.83 | -- |
| 10 | a) LT Protection kit | No | 1 | 1719.19 | 307.99 | 1719.19 | 307.99 |
| | b) LT Wiring (LT Protection Kit) SINGLE CIRCUIT | No | 1 | -- | -- | -- | -- |
| | i) A1 Lead Wire - 50 Sq mm | Mt | 1 | 46.14 | | 46.14 | |
| | ii) Heavy Duty Long barrel Cu Lugs - 50 Sq mm | No | 1 | 41.65 | | 41.65 | |
| | iii) PG Clamps - Rabbit to 50 Sqmm | No | 1 | 82.26 | | 82.26 | |
| | iv) Spacers for DTC Wiring | No | 1 | 42.69 | | 42.69 | |
| | v. Fish Plate with necessary Clamps, bolts & nuts etc., complete (Galvanised) | No | 1 | 156.20 | | 156.20 | |
| | c) LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS-42) | No | 1 | 5505.35 | 771.35 | 5505.35 | 771.35 |
| | d) LT Electronic Tri-Vector Meter 5A, Class-0.5/1.0 accuracy | No | 1 | 2629.28 | 945.78 | 2629.28 | 945.78 |
| 11 | 11 kV lightning Arrester , Metal oxide, 9 kV, 5 kA | Set of 3 Nos | 1 | -- | 106.30 | -- | 106.30 |
| 12 | HG Fuse, 11kV solid core Type | Set/3Nos | 1 | 918.43 | 211.23 | 918.43 | 211.23 |
| 13 | 11kV , 200Amps, Single Break GOS | Set | 1 | 8121.10 | 953.96 | 8121.10 | 953.96 |

25. Project implementation and monitoring from CESC


- The estimates shall be sanctioned by appropriate authority as per prevailing company delegation of powers.
- It shall be ensured that all the transformers shall bear Unique ID Number Plate before commissioning in field.
- Except Transformers and 11 kV pin & dead end insulators all the other materials shall be inspected by the concerned divisional Executive Engineer(Ele).
- Superintending Engineer (Elec) of respective O&M Circles is designated as the **Nodal Officer** for successful implementation and completion of the project. Monthly progress of the works Division wise/Agency wise/Work Award wise shall be monitored by respective Circle's Superintending Engineer (Elec).
- Agency wise/Division wise monthly progress of the works shall be submitted through proper channel by all Divisions through respective Chief Engineer (Elec), CESC,

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Mysuru/Hassan Zone to General Manager (Technical), CESC, Corporate Office, Mysuru without fail.

Note: Ten bound copies comprising of DWA, LOI, Contract Agreement, BG and Bid documents with amendments if any shall be submitted to this office within 15 days from the date/receipt of this DWA


General Manager (Procurement)
CESC, Mysuru

Copy:

1. Chief Financial Officer, CESC, Mysuru for information
2. Chief Engineer (Elec), CESC, O& M Zone, Mysuru for information
3. Chief General Manager(I/A), CESC, Mysuru for information
4. General Manager (Tech), Corporate Office, CESC, Mysuru for information
5. Superintending Engineer (Elec), CESC, Mandya Circle for information
6. Executive Engineer (Elec), O&M Division, Madduru for further needful
7. MIS Section, to publish in cescmysore.org
8. PS to MD/DT to place before Honorable MD/Director(Technical), CESC
9. MF/OC

