



Company Identity Number (CIN): U40109KA2004SGC035177

CESC/GM(P)/DGM(P)/AGM (P-1)/2022-23/ 11132-35

Date: 24 AUG 2022

DETAILED WORK AWARD

M/s Madhu Electricals,
"Shivakrupa", 4th Cross,
Maruthi Nagar, Gubbi-572216.

BY REGD. POST ACK. DUE

Sir,

Sub: Providing electrical infrastructure for Ganga Kalyana Irrigation Pump Set and Water Supply Installations, by extending HT/LT lines & erection of 25KVA Distribution Transformers on Total Turnkey basis under unit rate contract in **Hunsur Sub Division**, Hunsuru Division.

- Ref: 1) CESC/GM(P)/DGM(P)/AGM(P-1)/2022-23/C2-5241, Date: 11-05-2022
2) Tender No. in e-portal: CESC/2022-23/EL/WORK_INDENT1513
3) Techno-Commercial Bid opened on 09-06-2022 & Price Bid opened on 04-07-2022
4) Negotiation Meeting held on 05-07-2022
5) Note approved by Hon'ble MD, CESC vide para (28)/15-07-2022
6) T.O. LOI No: 8486-89, Dated: 20-07-2022
7) Contract Agreement dated: 23-08-2022
8) Karnataka Bank Ltd., Gubbi Branch, Gubbi, BG No: 22257BG000004, dated 25-07-2022, Amount: ₹3,00,000/-, Validity: 19-07-2024.
9) Cash Deposit towards negative percentage ₹4,50,000/-, Rt.No: 0025263 Dated: 23-08-2022.

Please find herewith enclosed Detailed Work Award (DWA) in triplicate for Providing electrical infrastructure for Ganga Kalyana Irrigation Pump Set and Water Supply Installations, by extending HT/LT lines & erection of 25KVA Distribution Transformers on Total Turnkey basis under unit rate contract in **Hunsur Sub Division**, Hunsuru Division.

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:

- i) Construction of HT/LT lines by using Rabbit/Weasel ACSR on 9/8 meter RCC/PSC poles and erection of 25 kVA, Star-4 Transformer on Double Pole Structure as per CESC specification.
- ii) The contractor shall source all the other materials hardware and LT insulators as per IS specification from CESC approved vendors only.
- iii) The hardware 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.
- iv) The Executive Engineer (Elec.), O & M Division shall approve and issue Work Awards for individual works on seniority basis, by giving 45 days completion period per award/work.
- v) Each work award may consist of either HT & DTC or DTC & LT or only LT or inclusive of all.

2. 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 up on the volume of work involved.

3. Completion period:

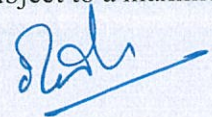
The work shall be completed in all respect within **One Year from the date of the DWA**. However, early completion of works is preferred. The completion period may be extendable for further one year on mutual consent as per clause 13.0 of GCC. However, extension of completion period is completely at the discretion of CESC.

4. Prices:

The prices are firm throughout the Period of Contract. No price variation is allowed.

5. 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.



6. 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.

7. 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. 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).

8. Payment:

The terms of Payments shall be as below;

- (1) **Hundred Percent (100%)** 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.
- 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. Transformer – Make, Sl. No and Year of Mfg. along with UID & DTC metering details shall be recorded on the bill.

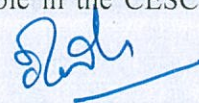
9. Notwithstanding anything contained to the contrary in the Bid documents, storage insurance for materials stored at the site by the contractor shall be to the account of the Contractor alone and no amount whatsoever is payable by the CESC, Mysore.

10. 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.

11. 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.



12. 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.

13. 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.

14. Guarantee:

The materials supplied and the work executed shall be guaranteed as per the conditions stipulated in the Bid document.

15. Performance Guarantee:

The firm has furnished a Bank Guarantee of ₹3,00,000/- (Rs. Three Lakhs Only) towards performance guarantee at 3% of the contract value, as mentioned vide reference (8). and Cash Deposit towards negative percentage of ₹4,50,000/- (Four Lakh Fifty Thousand Only) vide reference(9). The Guarantee shall be valid up to 90 days after the end of the completion of the contract period as mentioned in Clause (36.1) of ITB of Bid Document. However the same shall be renewed for further period as per the requirement of the bid document. Also the performance guarantee for maintenance contract shall be furnished as applicable in the bid document.

16. The Rate contract is valid for a period of **One Year from the date of the DWA**. The cost of works proposed against this contract is **₹100 Lakhs (One Hundred Lakhs only)**.

17. 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.

18. The Contractor firm is responsible for guaranteed performance and timely completion of the total contract.


19. 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.

20. Guarantee & warranty as stipulated in the Bid conditions.

21. The other terms and conditions are as stipulated in the bid document.

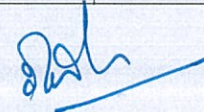
22. Settlement of disputes:

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.



23. Price Schedule:

Sl No.	Particulars of material	Unit	Qty.	Unit Price including TTK Parameters as per CSR 2021-22 (Rs.)	Unit Price including TTK Parameters as per CSR 2021-22 (Rs.)	Awarded Unit Price -4.5% over CSR 2021-22 including GST, ESI & PF on Labour (Rs.)	
				Material	Labour	Material	Labour
1	9.00 Mtrs long RCC pole 145 Kg WL	Nos.	1	7448	2369	7113	2262
2	9.00 Mtrs long PSC pole 200 Kg WL	Nos.	1	4453	2369	4252	2262
3	8.0 Mtrs long RCC poles.115 kg WL	Nos.	1	5525	1647	5276	1572
4	8.0 Mtrs long PSC poles.200 kg WL	Nos.	1	3726	1647	3558	1572
5	11KV Horizontal cross arms with clamp, HTST , bolts &nuts of required size and washers etc for RCC pole.	Nos.	1	696	216	664	205
6	11KV Horizontal cross arms with clamp, HTST , bolts &nuts of required size and washers etc for PSC pole.	Nos.	1	691	216	660	205
7	LT 4 Pin Cross arms with pole clamp, B&N of required size and washers etc for RCC pole	Set	1	460	216	439	205
8	LT 4 Pin Cross arms with pole clamp, B&N of required size and washers etc for PSC pole	Set	1	453	216	432	205
9	DP Structure with RCC Pole - 9Mtr Long 145 kg WL	Set	1	22252	7269	21250	6942
10	DP Transformer Structure using RCC Pole - 9 Mtr Long, 145 Kg WL	No	1	33897	9197	32372	8783
11	Rabbit ACSR	km	1	64056	5829	61173	5566
12	11kv/433V, 25KVA, 3 Phase, 50 Cys Distribution Transformer BEE-4 Star Rated with Oil	No	1	91582	1525	87461	1456
13	Earthing materials pipe type for grounding as per drawing (single electrode with accessories)	Set/3Nos	1	5414	3896	5170	3720
14	G1 Wire 8 SWG	Kgs	1	81	--	77	--
15	Guy wire 7/10SWG	Kgs	1	83	--	79	--
16	a) LT Protection kit	No	1	1994	459	1904	438
	b) LT Wiring (LT Protection Kit) SINGLE CIRCUIT	No	1	--	--	--	--
	i) A1 Lead Wire - 50 Sq mm	Mt	1	83		79	
	ii) Heavy Duty Long barrel Cu Lugs - 50 Sq mm	No	1	62		59	
	iii) PG Clamps - Rabbit to 50 Sqmm	No	1	121		115	
	iv) Spacers for DTC Wiring	No	1	43	1270	40	1213
	v. Fish Plate with necessary Clamps,bolts & nuts etc., complete (Galvanised)	No	1	238		227	
	c) LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS-42)	No	1	6536	1149	6242	1096
	d) LT Electronic Tri-Vector Meter 5A, Class-0.5/1.0 accuracy	No	1	3449	1410	3293	1346
17	11 kV Lightning Arrester, Metal oxide, 9 kV, 5 kA Polymeric Type with ground disconnector	Set of 3 Nos	1	1808	159	1726	151
18	HG Fuse,11kV solid core Type	Set/3Nos	1	1075	315	1026	300
19	11kV , 200Amps, Single Break GOS	Set	1	9502	1422	9074	1358
20	11kV, 5kN Composite / Polymeric Pin Insulator (24mm dia FRP Rod)	Nos.	1	230	--	219	--



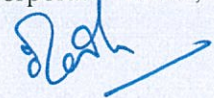
ನೋಂದಾಯಿತ ಕಛೇರಿ: ನಿಗಮ ಕಾರ್ಯಾಲಯ, ನಂ.29, ವಿಜಯನಗರ, 2ನೇ ಹಂತ, ಹಿಂಕಲ್, ಮೈಸೂರು - 570017

Registered Office: #29,Vijayanagara 2nd Stage, Hinkal, Mysuru - 570017

Sl No.	Particulars of material	Unit	Qty.	Unit Price including TTK Parameters as per CSR 2021-22 (Rs.)	Unit Price including TTK Parameters as per CSR 2021-22 (Rs.)	Awarded Unit Price -4.5% over CSR 2021-22 including GST, ESI & PF on Labour (Rs.)	
				Material	Labour	Material	Labour
21	11kV, 45kN Polymeric Insulators	Nos.	1	210	--	200	--
22	Pin Insulators 1.1 KV class with G.I.Pins, Nuts & Washers	Nos.	1	68	--	64	--
23	No.8 Strain Insulators	Nos.	1	26	--	24	--
24	Guy sets complete with No.15 strain insulator & concreting materials	Set	1	1259	792	1202	755
25	Guy sets complete with No. 8 strain insulators & concreting materials	Set	1	1228	792	1172	755
26	Guy concreting with Boulders, Mud and Sand	Nos.	1	--	353	--	337
27	PG clamps for Rabbit conductor	Nos.	1	121	--	115	--
28	Spiral earth electrode	Nos.	1	258	124	246	118
29	Trimming of trees and branches and clearing as per IE Rules while construction of new line including Trimming of Trees, if Jungle/Tree/Plant/Shrubs Exists.						
	Mahnad/Hill Area	km	1	--	12318	--	11763
	Maidan Area	km	1	--	7360	--	7029
30	Pole Concreting CC 1:2:4 (without coping, 650mmx500mmx1700 mm) - Material & Labour	No	1	--	5605	--	5352
31	Providing guarding at Road Crossings, Telephone Line Crossings & between HT/LT Lines (Labour Charges includes fixing of Cross Arms)						
	a) Guarding Material	Mtr	1	102	--	97	--
	b) Fixing guarding including fixing of necessary cross arms between HT and LT line, Road Crossing, Telephone Line Crossings	Per Set	1	--	1346	--	1285
32	Caution/Danger board as per drawing	Nos.	1	152	108	145	102
33	Anti climbing device (12 Mtrs/1 kg GI barbed wire)	kg	1	97	57	92	53

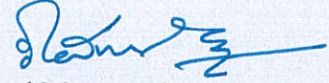
24. Project implementation and monitoring from CESC

- 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.
- The Gangakalyana IP sets/Water Supply Installations provided with infrastructure and DTCs erected shall be updated in the enumeration software by concerned CESC engineers.
- 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, Mysuru/Hassan Zone to General Manager (Technical), CESC, Corporate Office, Mysuru in the prescribed format without fail.



- f) Certified monthly report from Enumeration of IP Sets/DTC software for having updated all the newly serviced IP sets/ commissioned DTCs shall be furnished along with the work progress report from the divisions.
- g) Quarterly Review Meeting shall be held by respective O&M Circle's Superintending Engineers (Elec), with the Division/Sub Division officers along with implementing agencies. The proceeding of the same shall be submitted to General Manager(Technical) with a copy to respective Zonal Chief Engineer(Elec), General Manager(Procurement)

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, Mysuru Circle
6. Executive Engineer (Elec), O&M Division, Hunsur 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

