

ಚಾಮುಂಡೇಶ್ವರಿ ವಿದ್ಯುತ್ ಸರಬರಾಜು
ನಿಗಮ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಖರೀದಿ ಶಾಖೆ,
ಚಾವಿನಿನಿ, ಮೈಸೂರು-570017
Telephone No.: 0821-2544963



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

Company Identity Number[CIN]:- U40109KA2004SGC035177

No. CESC/GM(P)/DGM(Proj-1)/AGM(Proj-3)/2022-23/ 24381-83

Date: 22 FEB 2023

DETAILED WORK AWARD

BY REGD. POST ACK. DUE

To,
M/s. Jyothi Electricals,
Post Box No. 300,
Jyothi Building, Maidan Road,
Mangaluru - 575 001

Sir,

Sub: "Enhancement of 1x5MVA, 33/11kV Power Transformer by 1x12.5MVA Power Transformer at 33/11kV Murnad Substation, in Madikeri subdivision of Madikeri Division" on Total Turnkey Basis - **Detailed Work Award-Reg.**

- Ref: 1. Bid enquiry no.: CESC/2022-23/SS/WORK INDENT 1637 dated 21.11.2022
2. Your Bid Proposal no: Nil dated 12.12.2022 in eProcurement portal.
3. TSC MoM: CESC/ GM(P)/ DGM(P)/ AGM(P-1)/ 2022-23/ 18348 dated: 14.12.2022.
4. Your Negotiated Final offer letter No. JE/CESC/03 dated 29.12.2022 in eProcurement portal.
5. LoI No.: CESC/ GM(Proj)/ DGM-1(Proj)/ AGM-3(proj)/ 2022-23/ 21197-202 dated 23.01.2023
6. Acceptance of LoI by M/s Jyothi Electricals Ltd., vide no. Nil dated 25.01.2023
7. PBG and agreement submitted by M/s Jyothi Electricals Ltd., vide no.: Nil dated 7.02.2023.
8. T.O. approved Note No.: 19 dated: 22.02.2023. vide File No.: CESC/PROC/OTHP/2/2023-PS (E-44427).

Please find herewith enclosed Detailed Work Award (DWA) in triplicate for "Enhancement of 1x5MVA, 33/11kV Power Transformer by 1x12.5MVA Power Transformer at 33/11kV

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

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

General Manager
Procurement
Corporate Office
CESC, Mysuru

Murnad Substation, in Madikeri subdivision of Madikeri Division” on Total Turnkey Basis with a completion period of four (04) months at negotiated rates for a total contract price of Rs.1,49,91,865/- in which Supply portion is Rs.1,43,75,368/- & Erection Portion is Rs.6,16,497/-subject to terms and conditions mentioned in the Bid Document.

The Bid document and all amendments issued thereof pertaining to subject enquiry forms the integral 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:

- i) Enhancement of 1x5MVA, 33/11kV Power Transformer by 1x12.5MVA Power Transformer at 33/11kV Murnad Substation, in Madikeri subdivision of Madikeri Division.
- ii) The contractor shall source all materials as per Tender specifications, standard drawings and by the approved vendors of CESC / ESCOMs/ KPTCL.
- iii) 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 common Schedule of Rates – 2021-22 with applicable turnkey parameters +/- tender premium.
- iv) The Executive Engineer (Elec.), O & M Division shall approve and issue sketch/layout of works required for completion of works.

2. Completion period:

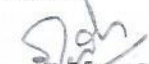
The work shall be completed in all respect within **four (04) months from the date of the DWA**. However, early completion of works is preferred. The extension of contract period shall be governed as per the Volume I Section III GCC clauses no. 40 to 47 of Bidding Documents. However, extension of completion period is completely at the discretion of CESC.

3. Prices:

The prices are “FIRM” throughout the Period of Contract and is inclusive of the cost of Ex-works price with all applicable taxes (GST), F&I charges, & Overhead charges viz. PF, ESI, Locality Allowance, Transportation charges, Insurance cost against theft & accident, watch & ward, Cess on cost of construction, marginal interest on BG etc.

4. Penalty for delay in completion:

If the Contractor fails to successfully complete the commissioning or for any delay in terms of the Contract, within the time fixed under the Contract or any extension thereof granted by the Owner by way of Amendment to the Notification of Award/Contract


General Manager

Agreement or for any delay in completing the work beyond the stipulated period, the Contractor shall pay to the Owner, as penalty a sum of ½% (half percent) of Contract price for each week or part thereof for delay subject to a maximum 10% of the total Contract price.

5. Taxes and Duties:

The awarded prices are inclusive of all applicable taxes and duties as per Clause 8.1 of ITB, Volume I Section I. The taxes and duties which are applicable as on the date of submission of bids but not included in the bids will be to the bidders account and CESC will not be liable to pay any such taxes.

6. 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 ITB clause 12.4.

7. Payment:

The terms of Payments shall be as below;

A. Supply

- (a) **Fifty percent (50%)** of the ex-works price plus 100% taxes and duties and 100% freight and Insurance charges in respect of materials supplied under the contract shall be paid on receipt of goods at the site. This payment shall be made directly by the owner. The following shall comprise the set of documents for direct payments by the owner.
- a) Original RR or receipted LR.
 - b) Copy of the Certificate of Insurance.
 - c) Pre-dispatch clearance certificate to be issued by the Owner, prior to dispatch of the consignment.
 - d) Packing list.
 - e) Application for payment as per the proforma enclosed as Annexure-V.
 - f) Contractor's Detailed Invoice.
 - g) Test Certificates.
 - h) Physical verification certificate by the site Engineer.
 - i) The arrangement for payment of "Tax Amount" will be made only after the Invoice details of the respective month are uploaded in GSTR-1 by the Contractor.
- (b) **Twenty percent (20%)** of Ex-works price in respect of materials supplied under the contract shall be paid progressively on erection of equipment/ materials.


General Manager


- (c) **Twenty percent (20%)** of the Ex-works price in respect of materials supplied under the contract shall be paid on successful completion of trial operation. Normally the trial operation shall begin within a week's time after the contractor informs the owner in writing about the satisfactory completion of the work and readiness for trial operation. The trial operation shall complete in 14 days from the date of commencement. The contractor can raise his bills soon after the successful completion duly enclosing a copy of the certificate from the field Engineer about satisfactory completion of trial operation.
- (d) **Ten percent (10%)** of the Ex-works price in respect of materials supplied under the contract shall be paid on submission of required number of reproducible, manuals, approved drawings, test reports, pamphlets, complete documents pertaining to substations and on ensuring Bank Guarantee renewed up to the end of 90days after the expiry of guarantee period, as referred in Clause No. 40.0 of ITB, Section II, Volume 1 of Bid document.

B. Erection and civil works:

- (a) **Ninety percent (90%)** of the total erection and civil works price component of the package shall be paid progressively on prorata basis on certification by the Engineer, for
- i. The quantum of work completed.
 - ii. The successful completion of quality check points involved in the erection.
- (b) **Ten percent (10%)** of the total erection and Civil works price component of the package shall be paid on successful completion & commissioning of the substation in accordance with Clause No. 17.0 of Special Conditions of Contract (SCC) and **on ensuring Bank Guarantee renewed up to the end of 90 days after the expiry of guarantee period, as referred in Clause No. 40.0 of ITB, Section II, Volume 1 of Bid document.**

Progressive payments for erection will be made on monthly bills based on certification by the Engineer of the work completed, as per the billing breakup.

8. 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.
9. **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.
10. The successful bidder shall procure and supply the materials from approved vendors of CESC/ ESCOMs/ KPTCL as per clause 18.3 of ITB Section II Volume I.


General Manager
(Procurement)

11. 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 Madikeri.

12. Guarantee:

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

13. Performance Guarantee:

The firm has furnished a Bank Guarantee of Rs.7,19,000/- (Rs. Seven Lakhs Nineteen Thousand Only) towards performance guarantee at 5% of the contract value-Supply portion with BG No.:23476BG000009 dated 7.2.2023 and Rs.31,000/- (Thirty one thousand only) towards performance guarantee at 5% of the contract value-Erection portion with BG No.23476B000008 dated 7.2.2023, as mentioned vide reference (8). The successful Bidder to whom the Contract is awarded, shall be required to furnish the contract performance security in the form of a Bank Guarantee in favour of the Owner as Contract performance security for faithful performance of the Contract in accordance with the terms and conditions specified in the Contract. The guarantee amount shall be equal to five percent (05%) of the contract price and the guarantee shall be valid till expiry of 90 days after the end of the warranty period, as referred to in Clause 15.0, Section-III of General Conditions of Contract GCC.

14. 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.

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

16. 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.

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

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

19. Settlement of disputes:

Arbitration: "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 & International) Rules 2012, by one arbitrators appointed in accordance with its rules" or more Jurisdiction: Any suit and proceedings arising out of this contract shall be instituted in the law courts of Mysore jurisdiction only.


General Manager


20. Price Schedule:

Price schedule is enclosed as Annexure 1 & Annexure 2 for supply and erection portion respectively.

21. Project implementation and monitoring from CESC

- a) The estimates shall be sanctioned by appropriate authority as per prevailing company delegation of powers.
- b) Superintending Engineer (Elec) of O&M Circle Chamarajanagara-Kodagu is designated as the **Nodal Officer** for successful implementation and completion of the project. Fortnightly progress of the works shall be monitored and progress of the works shall be reported by Division/ Circle/ Zone and reported to GM Procurement, Corporate office.

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, Corporate Office, CESC, Mysuru for information
2. Chief Engineer (Elec), O & M Zone, CESC, Mysuru for information
3. Chief General Manager(I/A), Corporate Office, CESC, Mysuru for information
4. General Manager (Tech), Corporate Office, CESC, Mysuru for information
5. Superintending Engineer (Elec), O&M Circle, CESC, Chamarajanagara- Kodagu.
6. Executive Engineer (Elec), O&M Division, CESC, Madikeri for further needful
7. MIS Section, to publish in cescmysore.org
8. MF/OC

PRICE BREAK-UP

CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Enhancement of existing 5 MVA transformer, 33/11KV power transformer by 12.5MVA, 33/11KV power transformer at 33/11kv sub-station Murnad in O&M Madikeri Division, Madikeri Taluk, Kodagu district on Total Turnkey basis.

Bid Enquiry no.:CESC/2022-23/SS/WORK INDENT 1637

LOI NO:CESC/GM(PROC)/DGM-1(PROJ)/AGM-3(PROJ)/2022-23/21197-202 DT-23/01/2023

Supply Portion

Contractor's Name and Address:

Annexure-I

M/s. Jyothi Electricals,
Post Box No. 300, Jyothi Building, Maidan Road, Mangaluru-575 001

Sl. No.	Particulars	Unit	Quantity	Basic Rate	Freight	Insurance	GST	Unit rate	Amount
Part A									
1	Power Transformer: 33/11kV, 12.5MVA, DELTA/STAR, DY 11, 3Phs, 50Hz., Core type winding with OLTC & with Numerical type compact Voltage Regulator etc., complete filled with Transil oil and 10% spare oil with terminal connectors.	no.	1	9777496.806	195549.9	97774.97	1812747.91	11883569.62	11883569.62
Total									11883569.62

Sl. No.	Particulars	Unit	Quantity	Basic Rate	Freight	Insurance	GST	Unit rate	Amount
Part B									
1	11KV CT's of Ratio 800-400/1-1 A (Compatible to existing 11KV MCVCB MEI switchgear)	No	3.00	19252.79	385.06	192.53	3569.47	23399.85	70199.54
2	11kv NCT of ratio 1200-800A compatible to 12.5MVA transformer	No	1.00	25670.39	513.41	256.70	4759.29	31199.80	31199.80
3	a) C and R Panel for 33KV/11KV, 8/10/12.5 MVA Transformer	Panel	1.00	486474.11	9729.48	4864.74	90192.30	591260.63	591260.63
4	11KV MCVCB, 350 MVA, 25KA, 1250 A Feeder (Feeder panel)	No	2	485903.86	9718.08	4859.04	90086.58	590567.55	1181135.10
5	11 kV, 3x400 Sqmm XLPE UG Cable (60 Mtr each)	Km	0.12	2838532.99	56770.66	28385.33	526264.02	3449953.00	413994.36
6	Cu Control cable 19C 2.5Sqmm	Mtrs	60	318.13	6.36	3.18	58.98	386.65	23199.28
7	Cu Control cable 4C 2.5Sqmm	Mtrs	60	86.18	1.72	0.86	15.98	104.74	6284.53
8	Cable Termination Kit Outdoor HS Type Suitable for 400 Sqmm Cable	No	2	4790.28	95.81	47.90	888.12	5822.10	11644.21
9	Cable Termination Kit Indoor HS Type Suitable for 400 Sqmm Cable	No	2	4304.37	86.09	43.04	798.03	5231.54	10463.07
10	GI Pipe, 150 mm Dia for drain crossing, cable raising etc.,	Mtr	16	1401.79	28.04	14.02	259.89	1703.73	27259.71
11	Providing DP with double break GOS as per CDS 15 of SR 2021-22	Set	2	51488.39	1029.77	514.88	9545.95	62578.99	125157.98
Total									2491798.20
Grand Total									14375367.82


General Manager
 (Procurement)
 Corporate Office,
 CESC, Mysuru

CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Enhancement of existing 5 MVA transformer, 33/11KV power transformer by 12.5MVA, 33/11KV power transformer at 33/11kV sub-station Murnad in O&M Madikeri Division, Madikeri Taluk, Kodagu district on Total Turnkey basis.

Bid Enquiry no.:CESC/2022-23/SS/WORK INDENT 1637

LOI NO:CESC/GM(PROC)/DGM-1(PROJ)/AGM-3(PROJ)/2022-23/21197-202 DT-23/01/2023

Erection Portion

Contractor's Name and Address:

Annexure-II

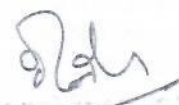
M/s. Jyothi Electricals,
Post Box No. 300, Jyothi Building, Maidan Road, Mangaluru-575 001

Sl. No.	Particulars	Unit	Qty	Basic Rate	GST	Unit rate	Amount
Part A							
1	Moving the Transformer from point of unloading to the plinth . 20 MtrX20 MT= 400 MT/Mtr. [MW SR.2016 page No.83 item 14 (a)] Rate;46.00	MT/Mtr	400	79.22	14.26	93.48	37391.82
2	Erection of power transformerfor the total weight of transformer.	MT	30	1609.16	289.65	1898.80	56964.10
3	Filteration of oil	Ltrs	10350	7.25	1.30	8.55	88487.16
4	Wiring of transformer marshalling box, bucholz relay, fixing thermometer, OLTC,	L/S	1	18197.48	3275.55	21473.03	21473.03
5	Testing and commisioning	L/S	1	63550.91	11439.16	74990.07	74990.07
Total							279306.18

Sl. No.	Particulars	Unit	Qty	Basic Rate	GST	Unit rate	Amount
Part B							
1	11KV CT's of Ratio 800-400/1-1-1 A (Compatible to existing 11KV MCVCB MEI switchgear)	No	3	887.92	159.83	1047.75	3143.25
2	11kV NCT of ratio 1200-800A compatible to 12.5MVA transformer	No	1	891.22	160.42	1051.64	1051.64
3	a) C and R Panel for 33KV/11KV, 8/10/12.5 MVA Transformer	Panel	1	0.00	0.00		0.00
	a) Erection of control panel, auxilary panel, carrier cabinet, marshalling Bay Kiosk etc., alignment and fixing properly to foundation base including movement from the point of unloading to the point of erection.	Panel	1	5362.20	965.20	6327.40	6327.40
	b) Wiring & assisting in testing and commissioning of panel.	Panel	1	10065.89	1811.86	11877.75	11877.75
	c) Wiring of C&R panels: Identification, ferruling, crimping, termination of wires in C&R panels	Panel	1	11439.03	2059.03	13498.06	13498.06
	d) Testing of C&R panels: Testing for insulation level, Testing of relays, control operations for closing tripping etc., interlock. Alarm Annunciation & Indication Checks.	Panel	1	45752.83	8235.51	53988.33	53988.33


General Manager
 (Procurement)
 Corporation
 2023.01.23

Sl. No.	Particulars	Unit	Qty	Basic Rate	GST	Unit rate	Amount
4	11KV MCVCB, 350 MVA, 25KA, 1250 A Feeder (Feeder panel)	No	2	0.00	0.00		0.00
	a)Erection, alignment and fixing to the foundation, indoor/outdoor 11KV switchgear Panel/unit including Movement from the point of unloading to the point of erection	Per panel	2	3129.19	563.25	3692.44	7384.88
	b)Wiring and assisting in Testing and commissioning	Per panel	2	1288.97	232.02	1520.99	3041.98
	c)Testing and commissioning: Wiring , Identification of wires, Ferruling, Crimping and Termination of wires for annunciation etc. Testing of Relays, CTs, PTs, and Breaker for operation	Each	2	25320.68	4557.72	29878.40	59756.80
5	11 kV, 3x400 Sqmm XLPE UG Cable (60 Mtr each)	Km	0	83039.02	14947.02	97986.04	11758.32
6	Cu Control cable 19C 2.5Sqmm	Mtrs	60	18.15	3.27	21.42	1285.34
7	Cu Control cable 4C 2.5Sqmm	Kms	60	18.15	3.27	21.42	1285.34
8	Cable Termination Kit Outdoor HS Type Suitable for 400 Sqmm Cable	No	2	3243.07	583.75	3826.82	7653.64
9	Cable Termination Kit Indoor HS Type Suitable for 400 Sqmm Cable	No	2	3243.07	583.75	3826.82	7653.64
10	GI Pipe, 150 mm Dia for drain crossing, cable raising etc.,	Mtr	16	95.72	17.23	112.95	1807.27
11	a) Cable trench excavation, 1000x0.6x1=600, Ordinary soil	Cmtr	72	429.11	77.24	506.35	36457.02
12	b) Laying of cable in trench	Km	0	83039.02	14947.02	97986.04	11758.32
13	c) Refilling and consolidation	Cmtr	72	95.72	17.23	112.95	8132.72
14	Providing DP with double break GOS as per CDS 15 of SR 2021-22	Set	2	11534.76	2076.26	13611.01	27222.02
	Total						275083.75
Part C Decommissioning							
Sl. No.	Particulars	Unit	Qty	Basic Rate	GST	Unit rate	Amount
1	Dismantling of power transformer for the total weight of transformer.	MT	15	1181.75	212.71	1394.46	20916.95
2	Moving the Transformer to safer point 40 Mtr X 15 MT=600MT/Mtr. [MW SR.2016 page No.83 item 14 (a)] Rate;46.00	MT/Mtr	600	58.18	10.47	68.65	41190.31
	Total						62107.26
	Grand Total						616497.18


 (Proprietor)
 Corporate Office
 CDS G. Mysuru