

ಚಾಮುಂಡೇಶ್ವರಿ ವಿದ್ಯುತ್ ಸರಬರಾಜು
ನಿಗಮ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಖಿರೀದಿ ಶಾಖೆ,
ಚಾವಿ ಸನಿ, 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: gmpure@cescmysore.org

Company Identity Number(CIN): U40109KA2004SGC035177

CESC/GM(P)/DGM(P)/AGM (P-3)/2020-21/502-503/13133-36

Date: 13/10/2020

DETAILED WORK AWARD

M/s AN Royal Engineering India Pvt.Ltd.,
No.255, Royal Height , 17th Cross,
H.S.R Layout, 6th Sector,
Bengaluru-560102

BY REGD. POST ACK. DUE

Sir,

Sub: Carrying out the work for conversion of HT/LT overhead system to HT/LT underground cable system in order to provide electrical clearance for the movement of Double Decker Buses in Mysuru City N.R.Mohalla & V.V.Mohalla Division area.

- Ref: 1) CESC/GM(P)/DGM(P)/AGM(P-1)/2020-21/C2-4805 Date: 15-09-2020
2) Tender No. in e-portal: CESC/2020-21/EL/WORK_INDENT1221
3) Techno-Commercial Bid opened on 03-10-20 & Price Bid opened on 05-10-2020.
4) Negotiation Meeting held on 06-10-2020.
5) Note approved by Hon'ble MD, CESC vide para(39)/07-10-2020.
6) T.O LOI No: 1271-73, Dated 08-10-2020
7) Letter of Acceptance Dated: 09-10-2020
8) Contract Agreement dated 08-10-2020
9) Canara Bank HSR Layout Branch, Bengaluru, BG No: 04801PGE202830001 Dated 09-10-2020, Amount: ₹ 3,69,264/- Validity: 31-01-2022.

Please find herewith enclosed Detailed Work Award (DWA) in triplicate for Carrying out the work for conversion of HT/LT overhead system to HT/LT underground cable system in order to provide electrical clearance for the movement of Double Decker Buses in Mysuru City N.R.Mohalla & V.V.Mohalla Division area jurisdiction at negotiated rates indicated below with total contract value limited to **₹73,85,280/- (Rupees Seventy Three Lakhs Eighty Five Thousand Two Hundred and Eighty Only)**, subject to terms and conditions mentioned in the Bid Document and all amendments issued thereof pertaining to subject enquiry forms the part of this Detailed Work Award.

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

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

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. Supply and execution of works which includes laying of HT UG cable in trench by soil excavation/horizontal drilling and proper termination of HT UG Cable as per IS Standards including transportation and other connected works.
 - II. Supply and erection of LT feeder pillar boxes.
 - III. Supply and erection of 11 mt spun poles/ 9mtr RCC/DP sets and GOS.
 - IV. Releasing of existing overhead lines.
 - V. 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 the tender premium on Schedule of Rates 2018-19.
 - VI. Civil Restoration works of Road/Footpath after laying HT UG cable works under HDD method and open trench method.
 - VII. All statutory clearance, wherever required shall be arranged and availed by the successful Bidder. The statutory fee payable will be reimbursed by CESC on submission of the receipts for having made the payment to the concerned authority. The Bidder should clear any RoW problems, but the owner shall extend all help/co-operation in this regard.
- 2) The contract price mentioned in the annexures is inclusive of GST, CESC will not pay any taxes and levies whatsoever in respect of this contract.
 - 3) The prices for supply portion and erection portion shall be **FIRM** and valid throughout the period of contract and no price variation is allowed.
 - 4) The work shall be completed in all respects within **One Month from the date of LOI.**

SUPPLY & ERRECTION PORTION

Detailed Work Award No: **CESC/GM(P)/DGM(P)/AGM(P-3)/2020-21/DWA: 502-503** for Carrying out the work for conversion of HT/LT overhead system to HT/LT underground cable system in order to provide electrical clearance for the movement of Double Decker Buses in Mysuru City N.R.Mohalla & V.V.Mohalla Division

1. Price Schedules: Quoted price of individual materials required for the scope of work is here with given in the table below.

Sl no	Particulars of material	Unit	Qty.	Cost inclusive of Cost (as per SR 2018-19) Unit Rate ₹		Awarded Unit Price 9.9% over CSR 2018-19 including GST, ESI & PF on Labour (Rs.)	
				Material	Labour	Material	Labour
1	Spun Pole 11mts Long	No.	1	16850.00	3948.55	18518.15	4339.46
2	Rabbit Conductor with 1.5% sag	Kms.	1	36497.00	3905.00	40110.20	4291.59
3	RCC Pole - 9 Mtr Long, 145 Kg WL	Nos	1	6258.00	1587.04	6878	1744.16
4	DP Structure with RCC Pole - 9 Mtr Long, 145 Kg WL	Set	1	17450.00	4870.02	19178	5352.15
5	11 kV, 200 Amps Single Break GOS	Set	1	7799.00	952.77	8571	1047.09
6	H-Frame for mounting GOS	Nos	1	3724.00	285.83	4093	314.13
7	11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for RCC Pole - 9 Mtr Long, 145 Kg WL	Nos	1	444.00	144.28	488	158.56
8	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for RCC Pole - 9 Mtr Long, 145 Kg WL	Nos	1	272.00	144.28	299	158.56
9	11 kV, 5 KN Polymeric Pin Insulator	Nos	1	180.00	--	198	--
10	11 kV, 45 KN Polymeric Insulator	Nos	1	164.00	--	180	--
11	1.1 kV Pin Insulator with GI Pin	Nos	1	48.00	--	53	--
12	No. 8 Strain Insulator	Nos	1	16.00	--	18	--
13	Guy Set Complete with No.15 Strain Insulator & Concreting materials	Set	1	830.00	530.83	912	583.38
14	Concreting Materials for 11 mts Spun Pole	No.					
	a)Base coerecing 1:4:8,1000x1000x150mm	each	1	--	993.60	--	1091.97
	b)pole coerecing 1:2:4,1000x1000x2500	each	1	--	16574.11	--	18214.95
	c)ecoping 1:2:4, (as per actual)	each	1	--	2626.92	--	2886.99
15	11 kV, 3x240 Sqmm XLPE UG Cable	Kms	1	1471370.00	56574.12	1617036	
16	11 kv class 95Sq. mm XLPE UG Cable (2 run)	Kms	1	782621.00	53596.03	860100.48	58902.04
17	Laying of 1.1 kV Class, 4 Core, 16 Sqmm, 30 No GI Wires (1.6 mm)	Kms	1	113268.00	19124.82	124481.53	21018.17
18	1.1kv, XLPE LTUG Cable 240 Sqmm, 3.5 Core, (30 GI Strips - 4.0 x 0.8mm)	Kms	1	768443.00	28580.38	844518.86	31409.84
19	Terminating Kit (Pothead) suitable for 1.1kV Class LT UG Cables	No.	1	574.00	--	630.83	0.00
20	Pot head indoor	No.	1	3319.00	2326.12	3647.58	2556.41
21	Pot head outdoor	No.	1	3605.00	2326.12	3961.90	2556.41
22	Cable Termination Kit Outdoor HS Type Suitable for 240 Sqmm Cable	Per Kit	1	4715.00	--	5182	0
23	RCC Hume pipe 2000mm long 150mmdia	Nos	1	300.00	59.89	329.70	65.82
24	Cable covering tails 250x250x40mm,	No	1	5.00	3897/km	5.50	4282.62/km
25	Laying of Route and Joint indicating stones	Nos	1		102.08	0	112.19
26	Collars for RCC Hume pipe	Nos	1	80.00	--	88	0.00
27	GI Pipe, 100 mm Dia for drain crossing, cable raising etc.,	Mtrs	1	1242.00	68.06	1365	74.79
28	PVC Pipe 100mm dia cable raising	mts	1	128.00	0.00	140.67	0.00
29	11kv lightning Arrester, Metal oxide 9kv,5kv	Set/No.	1	786.00	106.17	863.81	116.68
30	GI Wire 10svg	Kgs	1	67.00	0.00	73.63	0.00
31	GI Wire 7/10	kgs	1	65.14	0.00	71.59	0.00
32	Eathing material for pipe type	Nos	1	626.00	858.85	687.97	943.88
33	Special cross arm	Nos	1	456	473.66	501.14	520.56
34	1.1 kV, Class HR (Heat Resistant) PVC Insulated, Copper Control Cable as per IS - 554 (Part-1) followed as per KPTCL Specification, Armouring wire dia in average \pm 2.5% and resistivity 14.0 Ohms/KM (Max) as per IS-3975 4 Core, 16 Sqmm, 30 No GI Wires (1.6 mm)	Kms	1	450390.00	0.00	494978.61	0.00
35	Route and joint indicating stones	Nos	1	130.00	102.08	142.87	112.19
36	DP Structure with RCC Pole - 9 Mtr Long, 145 Kg WL	Set	1	17450.00	4870.02	19177.55	5352.15
37	Labour chargers for horizontal drilling with 6" bore size Without HDPE Pipe	RKms	1	--	960936.6	--	1056069.32
38	Labour chargers for horizontal drilling with 6" bore size With HDPE Pipe	RKms	1	--	56.88	--	62.51
39	Making of cable terminations	Nos	1	--	56.88	--	62.51
40	Laying of GI Pipe	Mtr	1	--	56.88	--	62.51

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

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

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 Month from the date of the LOI**. 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(2018-19) which will be considered at the time of awarding of work as per GCC.

8. Payment:

The terms of Payments shall be as below;

- a) **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:
- Material purchase Invoice in duplicate.
 - Material inspection/test certificates issued by the TA&QC.
 - Physical inspection/verification of materials utilized for works at site with certification by Engineer in charge of work.
 - Joint inventory from Agency and AEE (Elec), O&M of concerned sub-division.
 - Spot inspection report from TA & QC Engineer of respective divisions shall be summited along with bill.
 - The certificate for having serviced the IP set installation with RR No detail duly certified by the concerned sub-divisional/section officer and AAO/SA on the bill.
 - Completion certificate shall be submitted along with bill.
 - Transit insurance copy if any.
- b) **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.
- c) The above payment terms are subject to the following:
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 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.

11. 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.

12. **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.

13. Guarantee:

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

14. Performance Guarantee:

The firm has furnished a Bank Guarantee of ₹ 3,69,264/- (Rs. Three Lakhs Sixty Nine Thousand Two Hundred Sixty Four Only) towards performance guarantee at 5% of the contract value, as mentioned 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.

15. The Rate contract is valid for a period of **One Month from the date of the LOI**. The cost of works proposed against this contract is **₹ 73,85,280 Rs (Seventy Three Lakhs Eighty Five Thousand Two Hundred Eighty only)**.

16. Settlement of disputes:

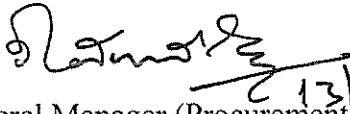
Any dispute or difference or claim arising out of, or in connection with, or relating to the present contract or the breach, termination or invalidity thereof, shall be referred and settled under the Arbitration center – Karnataka (Domestic and International) Rules 2012, by one or more arbitrators appointed in accordance with its rules.

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

18. Project implementation and monitoring from CESC:

- The estimates shall be sanctioned by appropriate authority as per prevailing company delegation of powers.
- The infrastructure erected shall be updated in the enumeration software by concerned CESC engineers.
- Superintending Engineer (Elec) of respective O&M Circle is designated as the Nodal Officer for successful implementation and completion of the project. Regular progress of the work Division wise/Work Award wise shall be monitored by respective Circle's Superintending Engineer (Elec).
- Review Meeting shall be held by respective O&M Circle Superintending Engineers (Elec), with the Division/Sub Division officers along with implementing agency. 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 for information
6. Executive Engineer (Elec), O&M Division, V V Mohalla & N R Mohalla 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

