



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.**  
**ODISHA POWER TRANSMISSION CORPORATION LTD.**

*(A Government of Odisha Undertaking)*

**CIN – U40102OR2004SGC007553**

**REGD. OFFICE: JANPATH, BHUBANESWAR – 751022,**  
**OFFICE OF THE DEPUTY GENERAL MANAGER (EL.)**

**EHT (O&M) DIVISION, DHENKANAL**

**At/Po- Gundichapada, PIN-759025, Dhenkanal (Odisha)**

**[CIN: U4102OR2004SGC007553](#)**

**[/GSTN: 21AAACO7873L1Z6](#)**

**[Email: ehtm.div.dkl@optcl.co.in](mailto:ehtm.div.dkl@optcl.co.in)**

**TENDER SPECIFICATION**

**No. 01/2026-2027**

For

**“Supply of 12 nos. of Long Range LED Dragon search lights required for various GSS with associated Lines under EHT (O&M) Division, Dhenkanal”**

Date of Sale of Tender Paper	04-04-2026 (10:00AM) to 17-04-2026 (Up to 12:00PM)
Last Date of submission of Tender Paper	17-04-2026 (Up to 01:00PM)
Date of Opening of Tender	17-04-2026 (At 03:00PM)
Cost of Tender Paper (non-refundable)	Rs. 2360.00 (Including 18% GST)
EMD (Refundable)	Rs. 3000.00 (Rupees Three Thousand only)

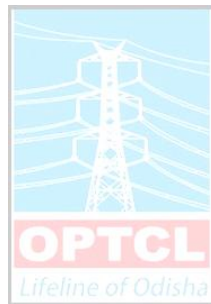
ISSUED TO

M/S.....

MR No.....Date...../...../.....

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**SECTION - I**

**ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.**  
**ODISHA POWER TRANSMISSION CORPORATION LTD.**

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.)

E.H.T.(O&M) Division, Dhenkanal At/Po:- Gundichapada.

Dist-Dhenkanal PIN:759025

**E-mail ID-ehm.div.dkl@optcl.co.in**

**OPEN TENDER CALL NOTICE NO. 01/2026-27**

For and on behalf of OPTCL, sealed tenders duly super scribed as “**Tender Specification No. 01/2026-27** are invited from contractors having valid PAN, GST registration & OEM/authorized dealership certificate for the work “**Supply of 12 nos. of Long Range LED Dragon search lights required for various GSS with associated Lines under EHT (O&M) Division, Dhenkanal**”.

The bidders can view the tender documents from website free of cost. The bidders who want to submit bid shall have to pay a non-refundable amount **Rs. 2360.00 (Rupees Two Thousand Three Hundred Sixty) only Including GST** towards Tender Paper cost in the form of **Demand Draft** and a refundable amount of **Rs. 3000.00 (Rupees Three Thousand only)** towards EMD in the form of **Demand Draft** only in favour of **General Manager, EHT (O&M) Circle, Chainpal, OPTCL, payable at Union Bank of India, Angul. The Tender Paper cost is Non-refundable.**

Tender papers are to be purchased from the office of the undersigned. The money receipt of the payment should be collected from the office of the General Manager, EHT (O&M) Circle Chainpal, which is to be submitted at the office of the EHT (O&M) Division, Dhenkanal towards obtaining the tender specification.

An additional amount of Rs 100.00 (Rupees one hundred) only may be paid along with tender paper cost for postal delivery of Tender specification document. The tenderer may send tender document to reach at **Office of the Deputy General Manager, EHT (O&M) Division, Dhenkanal, Odisha Power Transmission Corporation Ltd., at/Po- Gundichapada, Dhenkanal, Odisha-759025.** The undersigned shall not be held responsible for any postal delay.

Date of Sale of Tender Paper	04-04-2026 (10:00AM) to 17-04-2026 (Up to 12:00PM)
Last Date of submission of Tender Paper	17-04-2026 (Up to 01:00PM)
Date of Opening of Tender	17-04-2026 (At 03:00PM)

For details, please visit our website: [www.optcl.co.in](http://www.optcl.co.in). Corrigendum, if any, shall be published in the website only.

**N.B:- The Tender Paper must be purchased from this office only. No other mode like downloaded paper from website will be accepted.**

**Dy. General Manager (El.)**  
**EHT (O&M), Division, Dhenkanal, OPTCL**

**INSTRUCTION TO BIDDERS**

**The Bidders must read in detail the “Instruction to Bidders”, “General terms and conditions” and “Technical Specification” before filling the tender documents.**

**1. TENDERS:**

- A. Bidders must submit their bids with original signature. Only those who have purchased the Tender specification from this office can submit their Tender. Tenders submitted by other will be rejected.
- B. Tender must be submitted in sealed cover subscribed as **“Tender call Notice No. 01/2026-27: Supply of 12 nos. of Long Range LED Dragon search lights required for various GSS with associated Lines under EHT (O&M) Division, Dhenkanal”**. Bidder should not write their name or any other information on the body of the sealed envelope.
- C. Tender shall be submitted either in person or by registered post & any other means of delivery shall not be accepted. Detailed postal address with PIN No., Phone / Fax/Email of bidder must be mentioned in the application requesting for tender document and on the tender bid. The authority is not responsible for receipt of tender after due date due to postal delay or any other reasons. The tender should be posted by the registry post to reach at **Odisha Power Transmission Corporation Ltd., Office of the Deputy General Manager, EHT (O&M) Division, Dhenkanal, at/Po- Gundichapada, Dhenkanal, Odisha-759025**. Tenders received after due date due to postal delay or any other reason will not be considered. The tenderer who wants to receive the tender paper by post have to deposit additional Rs. 100.00 along with the tender paper cost.

**2. (i) Bid Documents:**

- (a) **Tender Papers-01 Set (all pages signed by the bidder)**
- (b) **Money receipt of tender paper purchased (original & a Photocopy)**
- (c) **Manufacturer/ Authorized dealer certificate**
- (d) **Requisite test certificates**
- (e) **Self attested photocopy of PAN**
- (f) **Self attested photocopy of GST**

***Bid Documents are compulsory otherwise bid will be treated as cancelled.***

**3. Experience:** - The bidders may submit a copy of past experience if any regarding supply of similar materials to GRIDCO/ OPTCL or any other state or central PSUs/Govt.

**4. Information on Competitors:**

Bidders have right to know information on competitors only at the time of opening of the bids. No further information on competitors shall be provided at any other point / stage of the tender without prejudice to Right to Information Act – 2005.

**5. Opening of Tenders:**

- A. Copy of PAN card/ GSTIN/ GST certificate must be enclosed with the tender bids.

B. Bidders themselves or their authorized representatives (possessing authorization letter in original) shall be allowed to attend opening event of the tenders.

#### **6. Right to Reject / Accept any Tender:**

The authority reserves the right either to reject or to accept any or all tenders if the situation so warrants in the interest of the department. Orders may also be split up between different Tenderers on individual merits of the Tenderer. The authority has exclusive right to alter the order at the time of placing final work order. It may be clearly understood by the Tenderer that the authority need not assign any reason for any of the above action[s].

#### **7. Evaluation of Price Bids:**

Order on the firm will be placed on the basis of L1 evaluated price of the techno-commercial qualified bidders. However, OPTCL reserves the right to split up the orders among bidders on individual merits of the bidders, if the situation so warrants, in the interest of OPTCL. All the bidders may be required to explain / justify the basis of their quoted rates as and when asked for. In case, any bidder fails to justify his quoted rates or refuses to co-operate in this regard, they will not be considered for participating in the tendering process and will not be allowed to participate in any future tender for a period of (3) three years.

8. Tender should be prepared clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the Tender. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the authority shall be final and binding on the tenderer. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and word in the price bid.

9. The Bidders shall submit the guaranteed technical particulars of the quoted items along with the test certificates of the test carried out in any **NABL approved/ Standard test laboratory**.

10. **Test Certificate:** Necessary manufacturer certificate / test certificate in respect of **the Long Range LED Dragon search light** shall be submitted along with bid. The Charger & Li-ION Battery pack shall be BIS approved. The IP-54 shall meet the requirements of IS/IEC-60526. All type test and routine test reports if any, shall be submitted for the evaluation during sample scrutiny.

11. **Sample Scrutiny: Tenderer has to carry one sample of offered item on the day of tender opening for scrutiny by tender committee, without sample their tender will not be entertained.**

**Dy. General Manager (El.)  
EHT (O&M) Division,  
Dhenkanal, OPTCL**

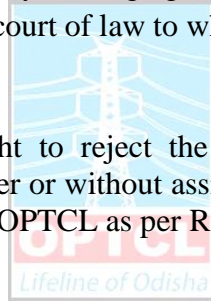
**GENERAL TERMS AND CONDITIONS**

1. **Validity:** Tenderers are requested to keep the validity of their offer for a period of 03 months from the date of opening of tender.
2. **Price:** The bidders are advised to quote their rate as per the price schedule in **Annexure-I of Section- V**. The unit rate and the total amount should be entered in figures and words. Any correction should be attested under the seal of the Firm/ Contractor. In case of any difference between figure and words in the price schedule the price mentioned in words should be taken into consideration for evaluation.
3. **Taxes:** Taxes, if any, shall be mentioned extra.
4. **Terms of Payment:** 100% payment with taxes etc. shall be made after completion of work and due verification thereof by the consignee and approval of Guarantee Certificate from the competent authority. The bills in triplicate should be submitted to the paying officer along with completion report duly verified by the concerned inspecting officer.
5. **Destination:** 132/33kV GSS Dhenkanal.
6. **Delivery:** The material should be supplied within 45 days from the date of order. If the supply could not be completed within scheduled date due to any valid reason, then completion period may be extended on written request by the Bidder. If the order is not completed within the stipulated period, then the penalty should be imposed as per clause No.07 of SECTION-III. Order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit.
7. **Price Reduction Schedule-** If the supplier fails to deliver the materials within the delivery schedule or any extension granted thereto, the purchaser shall recover from the agency Price reduction for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof for delay. However, the total amount of price reduction shall not exceed 5% (five percent) of the cost of undelivered items. Materials will be deemed to have been delivered only when all the component parts are delivered. If certain components are not delivered in time, the supply will be treated as delayed until such time the missing/ undelivered parts are delivered.
8. **Extension of time:** If the supply of the material is delayed due to reason beyond the control of agency, the agency shall give justification without any delay. The authority on receipt of such notice may agree to extend the contract due date if reasonable but without prejudice to other terms and conditions of this contract.
9. **Earnest Money Deposit:** The bidder has to deposit an amount of **Rs 3000.00 (Rupees Three Thousand)** only in shape of bank draft only towards EMD, drawn in favour of **General Manager, EHT (O&M) Circle, Chainpal, OPTCL, payable at Union Bank of India, Angul**. The EMD of successful tenderers will be refunded after deposit of security-cum performance deposit. The EMD of all unsuccessful tenderers shall be refunded on written request after finalization of tender. No interest shall be paid on EMD. No adjustment towards EMD shall be permitted against outstanding amount, if any, remain with the OPTCL.
10. **Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Purchase Order and the contractor shall have to deposit Security-cum-performance guarantee equal to **10% (Ten percent)** of contract value in shape of Bank Draft only, in favor of **General Manager,**

**EHT (O&M) Circle, Chainpal, payable at Union Bank of India, Angul.** If the security deposit is not submitted, 10% of the contract value will be deducted from the bill. The Security deposit will be released after Six months of completion of work. No interest shall be paid to the agency towards the security deposit so deposited by the agency. If Security Deposit not claimed for refund within a period of three years after completion of work, it will be forfeited.

- 11. Guarantee:** The material supplied by the agency shall be guaranteed for satisfactory operation against defects a period of 12 months from the date of delivery. In case of any defects noticed during this period, the same shall be replaced/ rectified by the contractor free of cost provided such defects are due to fault design / bad workmanship or bad materials used upon written notice from the engineer-in-charge. The supplier on receipt of such notification shall either rectify or replace the defective equipment/material free of cost within 15 days from the date of issue of such notification. The replaced material should also have similar guarantee. The above guarantee certificate shall be furnished in triplicate to the undersigned for approval. In the event of any breach on default in all or any condition of order, Security Deposit will be forfeited.
- 12. Consignee:** SDO (EL.), 132/33KV Grid S/S Dhenkanal is the consignee & verifying officer for the work.
- 13. Paying Officer:** General Manager (EL.), EHT (O&M) Circle, Chainpal
- 14. Jurisdiction of Court:** Dispute, if any, arising against the work order issued to the contractor shall be filed by either party in any court of law to which the jurisdiction of Odisha High Court extends.

The Authority reserves the right to reject the notice/ award the contract among any responsive bidders against this tender or without assigning any reason thereof. All other terms and conditions will be governed by OPTCL as per Rules.



**Dy. General Manager (EL.)  
EHT (O&M) Division, Dhenkanal  
OPTCL**

**Technical Specification**

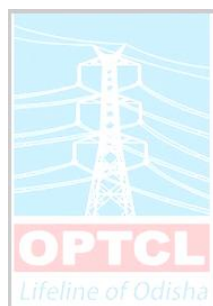
<b>S. No.</b>	<b>Parameters</b>	<b>Specifications requirement</b>
1	Battery (Power Source)	BIS approved Li-ION Battery pack having capacity 7.4V, 7800mAH
2	Three modes of brightness selectable using single hand button	High Brightness-Low Brightness-Strobe (Flash)
3	Digital LED Function Indicator	1 Digital LED Function Indicator showing battery status in % age should be provided
4	Runtime/ Duration of Operation	
i)	High Brightness Mode	Minimum 4 Hours
ii)	Low Brightness Mode	Minimum 12 Hours
iii)	Strobe / Flash Blinker	Minimum 12 Hours
5	Beam Distance	
i)	High Brightness Mode	Minimum 1000 Meters
ii)	Low Brightness Mode	Minimum 300 Meters
6	Full Charging time with AC Charger	Maximum 10 Hours
7	Ingress protection IP-54	Shall meet the requirements of IS/IEC-60529
8	Total Weight of product including battery (without accessories)	Less than 1000gms.
9	Wireless Remote	Wireless remote up to 50 Meters for on-off and 3 modes of operation should be provided
10	Operating Temperature	-10°C to +55°C
11	Chargers	AC Charger BIS approved & 12 V DC Car Adaptor should be provided
12	Casing Body shape and Material	It should be tubular heavy duty and water resistant
13	Construction	The LED lamp's Battery shall be repairable by opening the body of the Dragon light. Charging Port should have suitable proof protection cover
14	Drop Test	Should withstand drop test from a height of 1 meter
15	Shoulder strap	The adjustable shoulder strap should be of good quality material to withstand weight of the Light
16	Product Warranty	Minimum 1 Year
17	Lumen Output	1. High Power Mode (High Brightness): Min 2500 lumen 2. Low Power Mode (Low Brightness): Min 600 lumen
18	Lux Output at 2 Mtr. distance	1. High Power Mode (High Brightness): Min Lux 8000 2. Low Power Mode (Low Brightness): Min Lux 2600
19	BIS Certification	Product should be BIS marked and shall conform to IS 10322 (Part-5/ Sec-6) specification
20	Protections	1. Protection against reverse polarity & Short Circuit Protection 2. Protection from Battery Over discharge & Overcharged

**Dy. General Manager (EI.)  
EHT (O&M) Division, Dhenkanal,  
OPTCL**

## Schedule of Quantity

**The Scope of work:** - Supply of 12 nos. of Long Range LED Dragon search lights required for various GSS with associated Lines under EHT (O&M) Division, Dhenkanal

<b>Sl. No.</b>	<b>Name of the GSS</b>	<b>Quantity (in no.)</b>
1	220/132/33kV GSS Goda	2
2	132/33kV GSS Gondia	2
3	132/33kV GSS Kamakhyanagar	1
4	132/33kV GSS Kalarangi	2
5	132/33kV GSS Kharagprasad	1
6	132/33kV GSS Khajuriakata	2
7	132/33kV GSS Dhenkanal	2
	<b>Total</b>	<b>12</b>



**Dy. General Manager (El.)  
EHT (O&M) Division, Dhenkanal  
OPTCL**

**SECTION - V**

**Annexure –I**

**SCHEDULE OF PRICE**

<b>Supply of 12 nos. of Long Range LED Dragon search lights required for various GSS with associated Lines under EHT (O&amp;M) Division, Dhenkanal</b>					
<b>Sl. No.</b>	<b>Description of item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Rate (in INR)</b>	<b>Amount (in INR)</b>
1	Rechargeable Long range LED dragon search light Handheld i. Wattage: Minimum 20W ii. Light output : Minimum 2500 Lumens in high brightness mode iii. Beam Distance:Minimum1000m in high brightness mode iv. BIS approved Charger & Li-ION Battery pack v. BIS marked conform to IS 10322 (Part-5/ Sec-6) specification	No.	12		
				<b>Sub-Total Amount</b>	
				<b>GST @ 18%</b>	
				<b>Total</b>	
				<b>Or Say</b>	

(Rupees..........) only.

**Date:**

**Place:**

**Signature of the Tenderer  
with seal.**

**DETAILED DATA SHEET**  
**TO BE FURNISHED BY THE TENDERERS**

1	Name of the agency/ contractor with detailed postal address:  Name of the contact person of the agency: Contact No: Email ID:	
2	Cost Tender Paper- Rs. 2000.00 + 18% GST = Rs. 2360.00 (Rupees Two Thousand Three Hundred Sixty) only	DD/ MR No-
3	EMD- Rs. 3000.00 (Rupees Three Thousand) only	DD/ MR No-
4	Attested copy of GST Certificate furnished	GST No.....
5	Attested copy of PAN Card	PAN No.....
6	Agreed to furnish Contract security deposit	Yes / No
7	Agreed to accept payment terms as per the tender specification	Yes / No
8	Agreed to adhere to completion of work as per the tender specification	Yes / No
9	Agreed to accept penalty clause as per the tender	Yes / No
10	Attach experience certificate for similar job in OSEB/ GRIDCO/ OPTCL or any other agencies	Yes / No
11	Agreed to keep validity of the offer 03 months from the date of tender opening without any variation in tender clause.	Yes / No
12	Agreed to obtain labour contract license on event of work order from the competent authority	Yes / No

Date:

**Signature of the Tenderer**  
**with seal**