



ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିମିଟେଡ.

ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.),

EHT (O&M) DIVISION, BHADRAK

AT-GRID COLONY, PO-GELPUR,

DIST-BHADRAK, PIN-756181

EMAIL-ehtm.div.bhadrak@optcl.co.in

CIN-U401020OR2004SGC 007553,GSTIN-21AAACO7873L1Z6

**TENDER SPECIFICATION NO. 03/2024-25  
FOR**

**Procurement of 50 nos of 150 Watt LED Flood Lights for Grid S/S Bhadrak, Agarpada and Chandbali under EHT (O&M) Division, OPTCL, Bhadrak (Light Make- Havel's / Phillips/Crompton Greaves/ Bajaj/ Polycab)**

SALE OF TENDER SPECIFICATION

DT.12/12/2024.

LAST DATE SALE OF TENDER SPECIFICATION:

Dt. 03/01/2025.(12:00 PM)

LAST DATE OF SUBMISSION OF TENDER:

Dt. 03/01/2025.(02:00 PM)

DATE OF OPENING OF TENDER

Dt. 03/01/2025.(03:30 PM)

COST OF TENDER PAPER: RS 2000.00+18% GST (Rs. 2360.00)

EMD : Rs. 2602.00 (Rupees Two Thousand Six Hundred Two) Only

ISSUED TO,

M/s.....

.....

.....

## **CONTENTS**

1. SECTION -I: TENDER CALL NOTICE
2. SECTION -II: INSTRUCTIONS TO THE BIDDER
3. SECTION -III: GENERAL TERMS & CONDITIONS OF CONTRACT
4. SECTION -IV: TECHNICAL SPECIFICATION
5. SECTION -V: PRICE SCHEDULE
6. SECTION -VI: DECLARATION BY THE BIDDER



ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି. ୩.

ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.),

EHT (O&M) DIVISION, BHADRAK

AT-GRID COLONY, PO-GELPUR,

DIST-BHADRAK, PIN-756181

EMAIL-ehm.div.bhadrak@optcl.co.in

CIN-U40102OR2004SGC 007553,GSTIN-21AAACO7873L1Z6

SECTION-1

**OPEN TENDER CALL NOTICE NO. 03/ 2024-25**

The Deputy General Manager (Elect.), E.H.T. (O&M) Division Bhadrak invites sealed Tenders from the intending Authorised dealer/suppliers having valid PAN & GST Registration Certificate for the following work :

SL. NO	DESCRIPTION	COST OF TENDER PAPER	DOCUMENT REQUIRED
01	Procurement of 50 nos of 150 Watt LED Flood Lights for Grid S/S Bhadrak, Agarpada and Chandbali under EHT (O&M) Division, OPTCL, Bhadrak (Light Make- Havel's / Phillips/Crompton Greaves/ Bajaj/ Polycab).	Rs. 2000/- +18% GST	1. Authorized dealership certificate 2.PAN card 3.GST registration certificate (REG-06)

The tender specification can be obtained from the office of The DGM EHT (O&M) Division, Bhadrak on payment of **Rs. 2000/- (Two Thousand Only) + GST @ 18% (Non Refundable)** in shape of Bank Draft in favour of **GENERAL MANAGER (ELECT.), EHT (O&M) CIRCLE, OPTCL, J.ROAD** payable at J.Road on any working day from **Dt.12/12/2024 to Dt. 03/01/2025**. Bank Draft made at any other nationalized bank payable at any clearing branch at J.Road will also be allowed, but the bidders have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Non-refundable.

**The Tender shall be received Up to 02:00 PM of dated 03/01/2025 & will be opened at 03:30PM on same date** in the Office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any. If any of the above date happens to be a holiday, the next working day will be the corresponding effective date. Only one tender paper shall be issued to one Bidder. Self-Attested Copy of PAN, Authorised dealership certificate and GST Registration Certificate should be submitted along with the bid, failing which the tender will be liable for rejection.

- Date of Sale of Tender Paper: Dt. 12/12/2024 to Dt.03/01/2025 up to 12.00 PM (During Office Hours)
- Last Date of Receipt of Tender Paper: Dt. 03/01/2025 up to 02:00 PM
- Date of Opening of Price Bids: Dt. 03/01/2025 at 03:30PM
- The undersigned reserves the right to accept or reject all tenders without assigning any reason thereof. For details please visit our web site: [www.optcl.co.in](http://www.optcl.co.in). Corrigendum if any will be published in the web site only.

## **SECTION-II**

### **INSTRUCTIONS TO THE BIDDER**

1. The contract shall be valid only for 180 days from the date of opening of tender. The undersigned reserves the right also to terminate the contract at any time during the contract period without assigning the reasons thereof.
2. The authority reserves the right to award the contract among any responsive bidders against this tender. Besides this, the authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
3. **The bidder has to submit all the documents as mentioned in Clause No.12 of SECTION-III. Also the documents must be valid on the date of opening of tender and should be submitted along with tender, failing which the tender will be rejected. The bidder or their authorized representatives should produce the original documents mentioned in Clause No.12 of SECTION-III for verification at the time of opening of the tender. Those who fail to produce the same or produce invalid documents on the date of opening of tender or those not matching with the photo copies submitted by the bidder; their tenders will be out rightly rejected. In case, if only one bidder participates in the tender process for work of urgency nature (decided by this office), then undersigned may consider the case (\*but not mandatorily) & he will be given a chance to produce original documents in this office within one week from the date of opening of the tender.**
4. In case of any dispute arising either in execution of work or any clause of agreement/ supply order, the decision of the Unit Head will be final and binding on the Bidder.
5. Tender with over writing, erased, illegible rates or rates not shown in figures and words in English will be liable for rejection. In case of discrepancy between words and figures noted against each item of the tender and between unit rates and total amount, the decision of the Competent Authority (Committee or Unit Head) accepting the tender will be final and binding on the bidders. Total of item and grand total of whole tender be clearly written. Correction in the tender, if un-avoidable, should be made by re-writing with dated initial of the bidder after striking out wrong entries. Arithmetical mistakes may result in the rejection of the tender.
6. The bidders shall sign on all pages of the tender document as a token of acceptance of all terms and conditions thereof and submit his quotations therein.
7. The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
8. Request from the bidder in respect of additions, alternations, modifications, corrections of either terms or conditions or rates after opening of the tender will not be considered.
9. Bidders themselves or their authorized representatives limited to one person only shall be allowed to attend opening event of the tenders.
10. 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.
11. **All correspondence relating to the tender shall be made with Dy. General Manager (EL), EHT(O&M) Division, OPTCL, Bhadrak.**

### **SECTION-III**

#### **GENERAL TERMS & CONDITIONS OF CONTRACT**

Sealed tenders are invited from intending Bidders having valid Authorised dealer/suppliers Certificate with PAN & GST Registration and experience certificate (if any) for Procurement of 50 nos of 150 Watt LED Flood Lights for Grid S/S Bhadrak, Agarpada and Chandbali under EHT (O&M) Division, OPTCL, Bhadrak (Light Make- Havel's / Phillips/Crompton Greaves/ Bajaj/Polycab).

**1. SUBMISSION & OPENING OF TENDER:-**

Tender shall be submitted with other documents in duly sealed envelope super scribed on the body of envelope Procurement of 50 nos of 150 Watt LED Flood Lights for Grid S/S Bhadrak, Agarpada and Chandbali under EHT (O&M) Division, OPTCL, Bhadrak (Light Make- Havel's / Phillips/Crompton Greaves/ Bajaj/Polycab).

The bidder should write only Tender Specification No, the name of work and date of opening of the tender on the body of the sealed envelope. Bidder should not write their name or Agency name on the body of the sealed envelope which may make the offer liable for rejection.

**2. RIGHT & AUTHORITY FOR REJECTION:-** Tenders received after due date and time will be summarily rejected. The Dy. General Manager (Electrical), E.H.T. (O&M) Division, Bhadrak reserves the right to reject any or all of the tenders without assigning any reason thereof.

**3. VALIDITY OF OFFER:-** The offer should be firm and valid for a period of at least 180 days from the date of opening of tenders unless the tender will be rejected.

**4. EARNEST MONEY DEPOSIT:-** The bidder is to deposit EMD @ **Rs 2602** /- in shape of **bank draft** drawn in favour of **GENERAL MANAGER (ELECT.), EHT (O&M) CIRCLE, OPTCL, J.ROAD** payable at J.Road .

**5. FORFEITURE OF SECURITY/EMD :** The EMD not claimed for refund within a period of one year from the date of issue of our Work Order and security deposit not claimed for refund within a period of three years after completion of contract will be forfeited.

**6. PRICE:-** The bidders are advised to quote their rate as per the price schedule with break up prices and shall remain firm throughout the validity of tender.

**7. SECURITY DEPOSIT:-** The bidders whose offer qualifies for acceptance will be awarded work order for execution of the works and the bidder shall have to deposit security amount equal to 10% (ten percent) of contract value in shape of **bank draft/ BG** drawn in favour of **GENERAL MANAGER (ELECT.), EHT (O&M) CIRCLE, OPTCL, J.ROAD** payable at J.Road. The security deposit shall remain valid till two months after the expiry of the guarantee period as stated under clause-10 of SECTION-III, and shall be released on receipt of application for this purpose. No Interest shall be paid to the bidder towards the security deposit so deposited by the Bidder. The security deposit shall be deposited with the paying officer of OPTCL prior to commencement of work. In case of Non fulfillment of contractual obligation by the supplier, the same so deposited shall be forfeited.

**8. DELIVERY PERIOD:-** The supply order awarded should be completed within **25 days**. If the supply could not be completed within scheduled date due to force majeure condition, then completion period may be extended on written request by the Bidder. If the supply will not commence & complete within the stipulated period, then the penalty should be imposed as per clause No.09 of SECTION-III.

**9. PENALTY:-** Penalty @ 0.5% (half per cent) per week up to a maximum of 5% of the total value of the **supply** order shall be imposed and recovered from dues admissible, if the work is not completed within the specified date in SECTION –III, clause-8. However imposition of penalty clause is subject to force majeure condition.

**10. GUARANTEE PERIOD:-** The supply done by the contractor as per contract specification should be guaranteed for satisfactory operation and against any defects, in materials & the workmanship for a period of **24 months** from the date of completion of the supply and handing over to consignee. The

above guarantee certificate shall be furnished in triplicate to the undersigned for approval. Any defects noticed during the period shall be rectified by the contractors at its own cost, without any financial burden to OPTCL.

**11. TERMS OF PAYMENT:** - 100% (one hundred percent) payment along with full taxes and duties (if any) shall be made after successful completion of the work in all respect and Verification thereof by respective consignee and paying officer subject to availability of Funds from Head Quarters office and against deposit of 10% security cum performance Guarantee, Otherwise the same will be deducted from the final bill which will be released after completion of Guarantee period.

**12. DOCUMENTS:** The following Xerox copy should be submitted with the tender paper & the same will be verified with original documents at the time of opening of tender.

(i) GST Registration Certificate .

(ii) Valid PAN.

(iii) Dealership certificate.

(iii) Experience Certificate (optional)

**Other Technical documents required to be submitted for tender to be accepted & technical specification of LED Flood lights to be supplied are given in Section-IV**

**13. ADDITION OR DELETION OF CONTRACT:** The Contract may be altered in quantum as per exigencies of work. The bidder shall accordingly provide services as may be required by the Officer-in -Charge on being given a notice of 15 days.

**14. ARBITRATION:** In the event of any dispute arising out his contract, the same shall be referred for arbitration to the Director (HRD) OPTCL, Bhubaneswar or any arbitrator appointed by the Chairman- Cum- Managing Director, OPTCL after due notice of claim and such appointment and the award of the arbitrator shall be final and binding arbitration and conciliation Act. 1996 shall apply. The venue of arbitration will be Bhubaneswar.

**15. Force Majure:** The Contractor shall not be liable for any penalty for delay or for failure to perform the Contract for reasons of FORCE MAJURE, such as acts of God; acts of public enemy, acts of Govt, fires, floods, epidemics, quarantine restrictions, strike, freight, embargoes provided that the contractor shall within 10 days from the beginning of such delay notify to OPTCL in writing of the cause of delay. The OPTCL shall verify the facts and grant such extensions if facts justified.

**16. Rejection of Supply:** In the event of any of the lights supplied by the Contractor is found defective in materials or workmanship or otherwise not in conformity with the requirement of this contract, specifications, the OPTCL shall either reject the materials and request the Contractor to rectify the same. The Contractor on receipt of such notice, rectify or replace the defective materials and rectify the work free of cost. If the Contractor fails to do so the OPTCL may - At its option replace or rectify such defective materials and / or work and recover the extra cost so involve from the Contractor/ terminate the contract for balance work / supplies with enforcement of penalty as per contract.

**17. CONSIGNEE:** SDO (El.), EHT(O&M) Sub-division Bhadrak.

**18. VERIFYING OFFICER:** Maintenance Engineer of Grid Sub-Station Bhadrak.

**19. CONTROLLING OFFICER:** The DGM, EHT(O&M) Division, Bhadrak.

**20. PAYING OFFICER:-** DDO EHT(O&M) Circle, J.Road.

**21. JURISDICTION OF COURT:-** In case of any dispute arising between the ordering authority and the firm/supplier, either party can take shelter in the court of law at Bhadrak in the State of Odisha.

**21.Despatch Instruction:** The materials should be securely packed and dispatched by Rail/ road transport to Grid Sub-Station, **Bhadrak/ Agarpada /Chandbali**. The cost of transportation will be borne by the supplier.

**22. OUTRIGHT REJECTION OF TENDERS:-** The tenders shall be liable for outright rejection if the following have not been complied.

- a) Tenderers should have purchased the tender specification from the office of the D.G.M., EHT (O&M) Division, Bhadrak in his own or firm's name.
- b) Tenders shall not be submitted telegraphically or by FAX.
- c) Tenders shall be kept valid for a minimum of 180 days from the date of opening of the tender.
- d) Tenders shall be accompanied with original DD towards tender paper cost, clear valid attested photo copies of PAN No, GST Registration Certificate and requisite Dealership or Authorization Certificate,, & Experience Certificate (optional) which must be valid on the date of opening of the tender. All copies of documents and each page of the tender must be signed by the bidder or his/her authorized representative.
- e) The tender shall not be conditional/ ambiguous.
- f) The tenderer shall agree to all other terms and conditions of the tender specification.
- g) The Authority is not responsible for any postal delay.

**NB: The authority reserve the right to reject any or all tenderer or award the contract among any responsive bidders against the Tender without assigning any reason thereof.**

#### SECTION-IV

##### TECHNICAL SPECIFICATION OF LED BASED FLOOD LIGHT, 150 WATT:

- I. Input Voltage: 120 to 300V AC (Single phase)
- II. Power Consumption: 150 watt including driver
- III. System Current @ 240V AC: 0.65Amp
- IV. Fixture: Aluminum extrusion or Pressure Die-Casting Heat Sink Housing.
- V. Cover: Both Side UV Polycarbonate Clear Cover Lens / Toughened Glass
- VI. Make of LED: Cree, Nichia, Osram and Philips Lumileds.
- VII. LED USED: Discrete ceramic high power led.
- VIII. Lumen output:  $\geq 15000\text{Lm}$
- IX. System lumen efficacy:  $\geq 100\text{ Lm/W}$
- X. CRI (COLOUR RENDERING INDEX):  $\geq 70$
- XI. Power Factor:  $\geq 0.95$
- XII. Protection: IP-66
- XIII. Driver Efficiency:  $\geq 90\%$
- XIV. Surge Protection: 4KV In built Surge protection along with 440V withstand protection in driver + 10KV external SPD
- XV. Mounting: Adjustable mounting arrangement
- XVI. Standards: Should conform to IS- 16106-2012 & IES- LM 79 & 80 Test report from NABL/ Govt. approved lab to be adhered by the manufacturer.
- XVII. THD:  $< 10\%$

##### Mandatory documents required:-

- 1. Authorization Certificate:** Luminary manufacturer has to submit the authorization certificate from led chip manufacture like **CREE, NICHIA, OSRAM AND PHILIPS LUMILEDS** with the tender.
- 2. LM-80 TEST REPORT:** LM-80 test report submit for same part no of led you use in your luminary.
- 3. LM-79 TEST REPORT:** LM-79 test report from NABL / Govt approved laboratory to be adhered by the luminary manufacturer.
- 4. Make of driver with BIS certificate. (Without BIS certificate, tender will be out rightly rejected)**
5. IP-66 Original test certificate needs to be attached.
- 6. PROVE OF MANUFACTURING:** The bidder must submit the document of prove of manufacturing of mentioned product.



**SECTION-IV (ANNEXURE-I)**

**Details of technical specification of LED fitting furnished by the tenderer**

1	Name of the contractor with detailed postal address & Phone No& mail id.	
2	Make	
3	Input Voltage	
4	Power Consumption	
5	Fixture	
6	Size	
7	Lens	
8	Make of LED	
9	Colour	
10	Luminous Flux	
11	Power factor	
12	Driver Efficiency	
13	Protection	
14	Surge Protection	
15	Mounting	

**Signature of Bidder with Date & Seal**

**SECTION-V**  
**PRICE SCHEDULE**  
**DETAIL QUANTITY OF SUPPLY**

Procurement of 50 nos of 150 Watt LED Flood Lights for Grid S/S Bhadrak, Agarpada and Chandbali under EHT (O&M) Division, OPTCL, Bhadrak (Light Make- Havel's / Phillips/Crompton Greaves/ Bajaj).

Sl No	DESCRIPTION	UNIT	QUANTITY	RATE/UNIT	AMOUNT
1	150W LED based flood light with complete outdoor fitting Make:Bajaj /Crompton Greaves/ Philips/ Havel's/Polycab.	No	50		
3	Total=				
4	CGST@9%=				
5	SGST@9%=				
6	Grand Total=				

In words.....

Signature of Bidder with Date & Seal

## DECLARATION BY THE BIDDER

- Date:

Page 11 of 12

**ANNEXURE – II**

**THE BIDDERS ARE REQUIRED TO FURNISHE THE FOLLOWING DETAILS AS PER THE FORMAT GIVEN BELOW WHICH IS A MANDATORY REQUIREMENT FOR EVALUATION OF BIDS**

<b>SL NO</b>	<b>DETAILS</b>	<b>TO BE FILLED BY THE BIDDER</b>
<b>1</b>	<b>BIDDER'S NAME</b>	
<b>2</b>	<b>BIDDER'S SITE NAME (NAME OF THE PLACE)</b>	
<b>3</b>	<b>ADDRESS</b>	
<b>4</b>	<b>CITY</b>	
<b>5</b>	<b>STATE</b>	
<b>6</b>	<b>COUNTRY</b>	
<b>7</b>	<b>PIN CODE</b>	
<b>8</b>	<b>PHONE NUMBER</b>	
<b>9</b>	<b>FAX NUMBER</b>	
<b>10</b>	<b>DEALERSHIP CERTIFICATE</b>	
<b>11</b>	<b>GST REGISTRATION NUMBER</b>	
<b>12</b>	<b>PAN NUMBER</b>	
<b>13</b>	<b>TAN NUMBER</b>	
<b>14</b>	<b>CONTACT PERSON'S NAME</b>	
<b>15</b>	<b>POSITION/DEPARTMENT OF CONTACT PERSON</b>	
<b>16</b>	<b>CONTACT PERSON'S E-MAIL ID</b>	
<b>17</b>	<b>CONTACT PERSON'S PHONE NO.AND MOBILE NO.</b>	
<b>18</b>	<b>CONTACT PERSON'S FAX NUMBER</b>	

*Signature of Bidder with Seal*