



**ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE DY. GENERAL MANAGER
EHT (O&M) DIVISION, DUDUMA COLONY, BERHAMPUR**

**TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. TS/BAM/LED/2016-17/04**

For
**SUPPLY OF OUTDOOR TYPE 120WATT LED BASED FLOOD LIGHT
IN COMPLETE FITTING.**

**Cost of tender paper Rs. 2000/- + 5 % VAT=Rs.2100/-
(Rupees Two thousand one hundred only)**

ISSUED TO:-

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.....
.....



9438907864

Phone- 0680-2271587

Mail id: ehtm.div.bam@optcl.co.in

ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE DY. GENERAL MANAGER (ELECTRICAL)

EHT (O & M) DIVISION, DUDUMA COLONY, DIGAPAHANDI ROAD

BERHAMPUR – 760 006

CIN:U40102OR2004SGC007553

Notice Inviting Tender Advt. No. TS/BAM/LED/2016-17/04

Sealed Tenders are invited by the undersigned from the manufacturers / Authorized Dealers and registered ordered suppliers having valid PAN, authorized dealership certificate, VAT Registration certificate, valid VAT clearance certificate to supply the following materials.

SL. NO	DESCRIPTION	QTY (NOS)	MAKE	COST OF TENDER PAPER	DATE OF DELIVERY
01	SUPPLY OF OUTDOOR TYPE 120W LED BASED FLOOD LIGHT IN COMPLETE FITTING	40	Crompton/ Phillips/ Bajaj/ Havells/ G.E/ Frequency/ Pyrotech/ Goldwyn/ Syska	Rs. 2000/- +5% VAT	45 days from the issue of purchase order

The tender document can be made available in the office of the undersigned on written request and payment of requisite amount towards cost of tender document by cash/Bank draft drawn in favour of Dy. General Manager, EHT(O & M) Division, Berhampur payable at Berhampur, Odisha. Additional amount of Rs.100/- (Rupees one hundred) only may be paid for postal delivery of tender document. The undersigned shall not be held responsible for any postal delay.

The bid must be accompanied with an amount **Rs 4,855/-** as EMD in shape of DD/Cash drawn in favour of Dy. General Manager, EHT(O & M) Division, Berhampur payable at Berhampur, Odisha, and will be opened in presence of Tenders or their authorized representatives possessing original authorization letter. Incomplete Tender & without EMD shall be rejected.

Date of Sale of Tender Paper: **Dt. 14.03.17 to 28.03.17.** (During Office Hours)

Last Date of Receipt of Tender Paper: **Dt. 29.03.17 up to 1.00 PM**

Date of Opening of Tender Paper: **Dt. 29.03.17 at 3.00 P.M**

If the last date of receipt/ opening of Tender falls in holiday, then the Tender paper will be Received /opened in the next working days.

The undersigned reserves the right to accept or reject any all tenders without assigning any reason thereof. For details please visit our web site: www.optcl.co.in.
Corrigendum if any will be published in the web site only

**Dy. General Manager
EHT (O & M) Division
Berhampur**

**TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. TS/BAM/LED/2016-17/03
OF EHT (O & M), DIVISION, BERHAMPUR
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| 7. | COST OF TENDER PAPER
(Non-refundable) | Rs. 2000/- + 5 % VAT=Rs.2100/- (Rupees Two thousand one hundred) only by Cash/ Bank Draft drawn in favour of Dy. General Manager, EHT(O & M) Division, Berhampur payable at Berhampur, Odisha. |
| 8. | E.M.D | Rs 4,855/- only by cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Berhampur payable at Berhampur, Odisha. |
| 9. | SALE OF TENDER PAPER | From 14.03.17 to Dt. 28.03.17 . (During office hours) available in the office of the Dy. General Manager (Ele.), EHT(O&M) Division, OPTCL, Berhampur. |
| 10. | LAST DATE OF RECEIPT OF TENDER PAPER | Dt. 29.03.17 up to 1.00 PM. |
| 11. | DATE & TIME OF OPENING OF TENDER | Dt. 29.03.17 at 3.00 P.M |

12	Tender posted by the registered post to should be reached at:	Odisha Power Transmission Corporation Ltd., Office of the Dy. General Manager, EHT (O & M) Division, Duduma Colony, Digaphandi Road, Berhampur-700 006, Odisha
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SECTION - I

INSTRUCTION TO BIDDERS

The Bidders must read in detail the “Instruction to Bidders” and “General terms and conditions” 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 at address to the **Dy. General Manager, EHT (O & M) Division, Berhampur** in sealed cover subscribed as “**Tender call Notice No. TS/BAM/LED/2016-17/04: Supply of outdoor type 120watt LED based light with complete fittings**” on or before **29.03.17** for opening.
- 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 Dy. General Manager, EHT (O & M) Division, Duduma Colony, Digaphandi Road, Berhampur-700 006, Odisha**. Tenders received after due date due to postal delay or any other reason will not 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.
- D) The bidder is to deposit **EMD @ Rs 4,855/-** in shape of cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Berhampur. 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, remained with the OPTCL. The tender without EMD will be liable for rejection. The D.D / original money receipt for the EMD should be enclosed along with original tender paper

2. Experience:

The Tenderers should be registered order suppliers/ Manufacturer/ authorized dealer. The bidders may submit the copy of past experience if any regarding supply of similar materials to GRIDCO/ OPTCL or any other state or central PSUs.

3. FORFEITURE OF EMD:

- A) In the event the successful tenderer fails to carry out the works / partly carry out the works as per the technical specification the EMD so deposited shall be forfeited.
- B) Any deviation from the terms and conditions of the contract the EMD so

deposited shall be forfeited without any notice.

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/ TIN/ VAT Registration No / CST Registration No & VAT clearance must be enclosed with the tender bids.

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

6. The purchaser may alter the quantities of materials at the time of placing orders. Orders may also be split up among more than one tenderer if necessary. The purchaser reserves the right to reject the lowest or any other Tender or all tenders without assigning any reason what so ever.
7. 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.
8. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser 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.

GENERAL TERMS AND CONDITIONS

1. **Validity:** Tenderers are requested to keep the validity of their offer for a period of 03months from the date of opening of tender.
2. **Price:** The price quoted by tenderer should be firm, F.O.R. destination inclusive of freight, Insurance, Packing, Forwarding charges inclusive discount, if any.
3. **Taxes:** Taxes, if any shall be mentioned extra. The tender may quote rate in respect of different make materials as per scheduled.
4. **Terms of Payment:** 100% payment with taxes etc shall be made after receipt of materials in full and in good condition & verification thereof by the consignee.
5. **Delivery:** The materials in full quantity shall be delivered within 45 days of receipt of purchase order, failing which purchase order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit.
6. **Penalty:** If the supplier shall fail to deliver the materials within the delivery period as stipulated under clause No. 5 (Section-II) of this Tender document or any extension granted there to, the purchaser shall recover from the supplier penalty for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof of delay. However the total amount of penalty shall not exceed 5% (five percent) of the contract/ undelivered items price. Materials will be deemed to have been delivered only when all the component parts are also 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 period.
7. **Extension of time:** If the delivery of materials is delayed due to reason beyond the control of supplier, the supplier shall without delay give justification. The purchaser on receipt of such notice may agree to extend the contract delivery date if reasonable but without prejudice to other terms and conditions of this contract.
8. **Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Work Order and the contractor shall have to be deposit Security-cum-performance guarantee equal to 10% (Ten percent) of contract value in shape of Cash / Bank Draft/ BG in favour of **Dy. General Manager, EHT(O&M) Division, Berhampur**. The Security deposit will be released after two months of completion of the guarantee period subject to fulfillment of guarantee stated under clause-10 on a receipt of application for this purpose. No interest shall be paid to the supplier towards the security deposit so deposited by the supplier.
9. **Guarantee:** The materials covered under this contract should be guaranteed for trouble free and satisfactory performance against any defect in design, materials and workmanship for a Period of at least **24 (twenty four) months** from the date of delivery. Any defect noticed during this period should be rectified / replaced by the firm free of cost provided such defects are due to faulty design, bad workmanship or bad materials used. The replaced materials should also have similar guarantee. In the event of any breach on default in all or any condition of purchase order Security Deposit will be forfeited.
10. **Insurance:** Insurance of materials is to be done by the supplier at their own cost. The

responsibility of delivery of the materials at destination in good condition rests with the supplier. Any claim with the insurance company Railway authority/ Road transport authorities arises due to loss or damage in transits has to be settled by the supplier. The supplier shall undertake free replacement of materials damage or lost which will be reported by the consignee within 30 Days of the receipt of the materials at destination without waiting for the settlement of the claims with the carriers.

- 11. Despatch Instruction:** The materials should be securely packed and dispatched by Rail/ road transport to 132/33 KV Grid S/S, Berhampur. The cost of transportation will be borne by the supplier.
- 12. Consignee:** - The SDO, TLS, Berhampur is the consignee & verifying officer for the contract.
- 13. Paying Officer:** The **DGM, EHT (O&M) Division, Berhampur** is the paying officer for this contract.
- 14. Submission of VATCC, CST Registration no & PAN:** - Clear attested Xerox copies of PAN No. & VAT clearance certificate / CST Registration valid on the date of opening of tender should be submitted along with the tender.
- 15. Jurisdiction of Court:** Dispute if any, arising against the supply order issued to the supplier 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.

TECHNICAL SPECIFICATION:

LED based outdoor type 120watt Flood light in complete fittings:

- Manufacturing name should be embossed on the fixture.
- Input Voltage: 140 to 270V AC (Single phase)
- Power Consumption: 120 watt including driver \pm 10%
- System Current @ 240V AC: 0.4 to 0.65Amp
- Fixture: Die-cast Aluminum along with heat sink fins.
- Cover: Full toughened glass cover. Not screwed or glued
- Lens: 60-70 Degree secondary Optical lens.
- Make of LED: CREE, NICHIA , OSRAM & PHILLIPS LUMILEDS.
- LED USED: Discrete High Power LED
- Luminous Flux: \geq 10000 Lumen after all losses.
- CRI (COLOUR RENDERING INDEX): \geq 70
- CCT: Cool white
- Power Factor: \geq 0.95 , I thd: $<$ 10%
- Lumens efficiency: $>$ 100 Lm/W
- Ingress Protection: IP-65 & above.
- PCB: FR4 doubled side
- Protection provision in driver: The driver should be IEC certified. Output voltage of driver should not exceed 80V. The luminary should shut itself OFF on above 310V AC & resume operation automatically when voltage comes to normal & limit the current in case of short circuit on output side. LED driver should be placed separately so as to protect it from high temperature.
- Laser marking for month of manufacturing on PCB of driver.
- Driver Efficiency: \geq 85%
- Surge Protection: 4KV In built Surge protection along with 440V withstand protection in driver + 10KV external SPD
- Metallic/Paper/ polyester capacitor rated for temperature at 105c and above.
- Mounting: Adjustable mounting arrangement
- Standards: Should conform to IS- 16106-2012, IS- 10322, IEC-61000. IES- LM 79 & 80 Test report from NABL/ Govt. approved lab to be adhered by the manufacturer.

(Luminary manufacturer has to submit authorization certificate from LED chip manufacturer like CREE, NICHIA, OSRAM and Philips Lumileds only along with type test certificate of Luminary without which their tenders will not be entertained.)

Annexure –I

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

1	Make/ brand of LED light fitting	
2	Input Voltage	
3	Power consumption	
4	Fixture	
5	Size	
6	Make of lens	
7	Make of LED chip	
8	Colour	
9	Luminous flux	
10	Power factor	
11	Driver efficiency	
12	Protection	
13	Surge Protection	
14	Mounting	

Date:
Place:

Signature of the Tenderer
with Seal

Schedule of Price

Sl No	Description of Materials	Make	Quantity	Unit Rate	Taxes if any	Unit landing Cost including All taxes & Duties.	Total Amount
1	2	3	4	5	6	7	8 = (4*7)
1	120watt LED based flood light complete fitting of make: (Crompton/ Phillips/ Bajaj/ Havells/ G.E/ Frequency/ Pyrotech/ Goldwyn/ Syska)		40				

(Rupees.....)

Date
Place

Signature of the Tenderer
with seal.

Dy. General Manager

Annexure –III

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1	Name of the Agency/Contractor with detailed postal address.	
2	Earnest money deposited vide Bank Draft No./ money receipt No _____ date _____ amount in Rs. _____ (Rupees _____)only	
3	Attested copy of STCC/CST furnished	Furnished / Not furnished
4	Attested copy of PAN Card	Furnished / Not furnished
5	Attested copy of ITCC furnished	Furnished / Not furnished
6	Attested VAT Clearance Certificate	Furnished / Not furnished
7	Agreed to furnish Contract security deposit	Yes / No
8	Agreed to accept payment terms as per the tender specification	Yes / No
9	Agreed to adhere to delivery period of the tender specification	Yes / No
10	Agreed to accept penalty clause as per the tender	Yes / No
11	Attach past experience certificate for similar job in OSEB/ GRIDCO/ OPTCL or any other agencies	Yes / No
12	Agreed to keep validity of the offer 06month from the date of tender opening without any variation in tender clause.	Yes / No

Date

**Signature of the Tenderer
with seal.**