



**ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECTRICAL)
EHT (O & M) CIRCLE, BIDYUTPURI COLONY, BERHAMPUR
☎: 0680-2291905, ☎0680-2291904
CIN: U40102OR2004SGC007553**

TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 16/2016-17

For

**Supply of 65 Nos. 120 Watt LED based Flood Light with complete fittings
required for 220/132/33 KV Grid Sub-Station, Bhanjanagar under PSDF Scheme.**

**Cost of tender paper Rs. 4,000/- + 5 % VAT=Rs.4,200/-
(Rupees Four Thousand Two Hundred only)**

ISSUED TO:-

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ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A GOVERNMENT OF ODISHA UNDERTAKING)
OFFICE OF THE GENERAL MANAGER (ELECTRICAL)
EHT (O & M) CIRCLE, BIDYUTPURI COLONY, BERHAMPUR-760010
FAX/☎: 0680-2291905, ☎0680-2291904, J9438907601
CIN: U40102OR2004SGC007553
NOTICE INVITING TENDER

Advt. No. 16/2016-17

For and on behalf of OPTCL sealed tenders are invited from Manufacturers/ /Authorized Dealers having valid I.T. PAN, VAT/CST Clearance for supply of 65 Nos. 120 Watt LED based Flood Light with complete fittings of reputed Make required for 220/132/33 KV Grid Sub-Station, Bhanjanagar under PSDF Scheme .

Commencement of Sale of Tender Paper: - From Dated 04.03.2017 to Dated 23.03.2017 up to 5.00 PM.

Last Date of Submission of Tender Paper:- Dated 24.03.2017 up to 2.00 PM.

Date of Opening of Tender Paper:- Dated 24.03.2017 at 3.00 PM.

Cost of Tender Paper:- Rs.4,000+ VAT @ 5%= Rs.4,200/-.

For details please visit our website www.optcl.co.in

Corrigendum if any will be published in the website only.

General Manager (Elect.)

**TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 16/2016-17
OF EHT (O & M) CIRCLE, BERHAMPUR
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8.	COST OF TENDER PAPER (Non-refundable)	Rs. 4,000/- + 5 % VAT=Rs.4,200/- (Rupees Four Thousand Two Hundred) only by Cash/ Bank Draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
9.	E.M.D	Bank draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
10.	SALE OF TENDER PAPER	From Dated 04.03.2016 to Dated. 23.03.2017 . (During office hours) available in the office of the General Manager, EHT (O & M) Circle, Berhampur
11.	LAST DATE OF RECEIPT OF TENDER PAPER	Dated. 24.03.2017 up to 2.00 PM.
12.	DATE & TIME OF OPENING OF TENDER	Dated. 24.03.2017 at 3.00 P.M



NOTICE INVITING TENDER

ODISHA POWER TRANSMISSION CORPORATION LTD.,

REGD. OFFICE: JANPATH, BHUBANESWAR – 751 022,

ODISHA, INDIA.

CIN: U40102OR2004SGC007553

TENDER NOTICE NO- 16/2016-17

Sl. No.	Tender Specific ation No.	Location Details.	INDIAN RUPEES			Last date of submission & Date of opening of Tender.
			Earnest Money Deposit. In Rs.	Cost of Tender Spec.Docu ment	Estimated Value in Rs.	
1	16/2016 -2017	Supply of 65 Nos. 120 Watt LED based Flood Light with complete fittings required for 220/132/33 KV Grid Sub-Station, Bhanjanagar under PSDF Scheme.	7,443/-	4,200/-	7,44,250/-	up to dt-24.03.2017(02.00 PM) and 24.03.2017 at 03.00PM

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 in duplicate with original signature. Only those who have purchased the Tender specification document 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. 16/2016-17 for supply of 120 Watt LED based Flood Lights with complete fittings required for 220/132/33 KV Grid Sub-Station, Bhanjanagar under PSDF Scheme**” on or before 23.03.2017 and addressed to the **General Manager, EHT (O & M) Circle, Berhampur.**
- 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.. 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. **Downloaded form of Tender Specification Document will not be allowed.**
- D) The bidder is to deposit EMD in shape of Bank Draft drawn in favour of **General Manager, EHT (O & M) Circle, 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.

2. Experience:

The Tenderers should be 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.

9. The tenders shall be outright rejected if they do not comply with the following requirement

a) Tenderers should have purchased the Tender Specification Document from the office of the General Manager, EHT (O & M) Circle, Berhampur & indicate the money receipt no. date of the office.

b) Tender shall be submitted either in person or by registered post with AD which should be received before the opening of Tender as specified in the Tender Call Notice.

c) Tender shall not be submitted telegraphically or by FAX.

d) Tender shall be accompanied with prescribed Earnest Money Deposit.

e) Tender shall be kept valid for a minimum of 180days from the date of opening of the Tender.

f) Tender shall be accompanied with self-attested legible photo copy of PAN Card, Valid VAT Clearance Certificate, valid Authorised dealer Certificate & Price List of the manufacturer.

g) The Tender shall not be Conditional.

h) Violation of conditions set forth & provided in section-I & II of the Tender specification may also be rejected.

i) In case of Authorised dealer, necessary Authorized dealer Certificate should be submitted along with the Tender duly issued by the manufacturer which should be valid on the date of opening of the Tender.

j) Literature& specification should be attached along with the Tender Bid.

GENERAL TERMS AND CONDITIONS

- 1. Scope of contract:-** The scope of contract shall be to delivered materials at destination in accordance with the enclosed technical specification and schedule of requirement(Section-3).
- 2. Manner of execution:-** All materials should be supplied under the contract shall confirm to the latest publication of relevant IS specification.
- 3. Validity:** Tenderers are requested to keep the validity of their offer for a period of 180days from the date of opening of tender.
- 4. Price:** The price quoted by tenderer should be firm, F.O.R. destination inclusive of freight, Insurance, Packing, Forwarding charges inclusive discount, if any.
- 5. Taxes:** Taxes, if any shall be mentioned extra. The tender may quote rate in respect of different make materials as per scheduled.
- 6. Terms of Payment:** 100% payment with taxes etc. shall be made within 45 days after receipt of materials in full and in good condition & verification thereof by the consignee subject to availability of Fund from Head Office.
- 7. Delivery:** The materials in full quantity shall be delivered within 30 days of receipt of purchase order, failing which purchase order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit.
- 8. Penalty:** If the supplier shall fail to deliver the materials within the delivery period as stipulated under clause No. 7 (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.
- 9. 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.
- 10.EMD:** The tenderers are requested to deposit EMD in shape of D.D. Drawn in favour of **General Manager, EHT (O & M) Circle, Berhampur**. 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. No interest shall be paid on EMD. In case of Non-compliance / non-response to the correspondence made by this office , the EMD shall be forfeited..
- 11.Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Purchase Order and the supplier shall have to be deposit Security-cum-performance guarantee equal to 10% (Ten percent) of ordered value in shape of Cash / Bank Draft in favour of **General Manager, EHT (O & M) Circle, Berhampur**. The Security deposit will be released after two months of completion of the guarantee period subject to fulfillment of guarantee stated under clause-12 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.
- 12. 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 use or delivery, whichever is earlier. 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.

13. 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.

14. Despatch Instruction: The materials should be securely packed and dispatched by Rail/ road transport to **220/132/33 KV Grid Sub-Station, Bhanjanagar**. The cost of transportation will be borne by the supplier.

15. Consignee: - The **AGM, 220/132/33 KV Grid Sub-Station, Bhanjanagar** is the consignee & verifying officer for the contract.

16. Paying Officer: The **DGM, EHT (O&M) Division, Bhanjanagar** is the paying officer for this contract.

17. Submission of VATCC, CST Registration No. & PAN:- Clear self-attested Xerox copies of PAN issued by the competent authority & VAT clearance certificate / CST Registration valid on the date of opening of tender should be submitted along with the tender failing which the tender will be rejected. The supplier may be requested to produce original PAN card & VAT Clearance certificate at the time of opening of the tender. Those who fail to produce the same & found not to be valid on the date of opening the tenderer, their tender should be rejected.

18. Free Replacement:- Free replacement of materials lost/damaged due to transit shall be made immediately on receipt of the intimation from the consignee/paying officer without awaiting for settlement of the claim of bidders with Railway/Lorry/Insurance Company.

19. Past Experience of supply, Performance certificate:- Past experience of execution of purchase order need to be furnished by the bidders.

20. Deviation in specification:- If any change in the technical parameters equivalent to the above specification may be clearly mentioned separately.

21. Addition & Alteration : The Authority reserves the right to add or to reduce the quantum of materials without assigning any reason thereof.

22. Test Certificate:- Necessary manufacturer certificate / test certificate in respect of materials, spares cover under the purchase order shall be submitted before the despatch of materials for approval. Test certificates in respect of material should confirm to relevant IS specification. The test certificate from ISI approved testing laboratory will also be accepted as and when applicable.

23. Right to Reject / Accept any Tender : The Authority Reserves either to reject or accept any or all the Tenders without assigning any reason thereof.

24. 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 FOR 120 WATTS LED BASED FLOOD LIGHT WITH COMPLETE FITTINGS

INPUT VOLTAGE	(120-300)V AC (SINGLE PHASE)
POWER CONSUMPTION:	120 WATT INCLUDING DRIVER
HOUSING:	DIE CAST ALUMINIUM HOUSING
COVER:	TOUGHENED GLASS DIFFUSER
LENS:	60 DEGREE TO 70 DEGREE SECONDARY OPTICAL LENS
MAKE OF LED:	CREE, NICHIA AND PHILLIPS LUMILEDS
LED USED:	DISCRETE HIGH POWER LED
MAKE OF LENS:	LEDIL / KHATOD
COLOUR TEMPERATURE:	COOL WHITE 5700K TO 6500K
LUMINOUS FLUX:	NOT LESS THAN 10,500 LUMEN
POWER FACTOR	> 0.90
INGRESS PROTECTION(IP):	IP-66
DRIVER EFFICIENCY:	85% OR ABOVE.
SURGE PROTECTION:	MINIMUM 5 KV.
CRI(COLOUR RENDERING INDEX):	>=70
MOUNTING:	ADJUSTABLE MOUNTING ARRANGEMENT SHOULD BE PROVIDED
LED LIFE:	MINIMUM 50,000 BURNING HOURS
CONFIRMATION TO STANDARDS:	LM 80 TEST REPORT TO BE ADHERED BY THE LED CHIP MANUFACTURER. (LUMINARY MANUFACTURER HAS TO SUBMIT AUTHORISATION CERTIFICATE FROM LED CHIP MANUFACTURER LIKE CREE, NICHIA AND PHILIPS LUMILEDS)
MAKE OF LUMINARY:	PHILLIPS, HAVELLS, CROMPTON, BAJAJ, FREQUENCY, GE OR EQUIVALENT
WARRANTEE / GUARANTEE	MINM. 2 YEARS AGAINST MANUFACTURING DEFECTS

Annexure – I
SCOPE OF EQUIPMENT TO BE SUPPLIED

Sl. No.	Description of item	Unit	Quantity
1	120 Watt LED based Flood Light with complete fittings	Nos.	65

General Manager (Elect.)

Annexure-II
SCHEDULED OF PRICE

Sl. No.	Description of item	Unit	Quantity	Rate in Rs.	Amount in Rs.
1	120 Watt LED based Flood Light with complete fittings. Make _____ (_____)	Nos.	65		
2	Taxes, if any				
3	Grand Total:-				

Dated

Signature of Contractor with Seal

Annexure-III
DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1. Name of the Contract with detailed postal address:
2. Earnest money deposited vide Bank Draft No. _____ Date _____ / By Cash amount in Rs. _____ (Rupees _____) Only vide money receipt No. _____ Dated _____
3. Attested copy of PAN No. / VAT Clearance Certificate : Furnished/Not furnished
4. Attested copy of the valid VAT Clearance : Furnished / Not furnished
5. Agreed to furnish Contract security deposit : Yes / No
6. Agreed to accept payment terms as per the contract : Yes / No
7. Agreed to adhere completion of supply as per the tender : Yes / No
8. Agreed to accept penalty clause as per the tender : Yes / No
9. Attach past experience certificate for the similar jobs in OSEB / GRIDCO or any other agencies : Yes / No
10. Agreed to keep validity of the offer 180days from the date of tender opening without any validation in tender clause. : Yes / No
11. Date of submission of tender. : Dt. _____

Dated:
Place:

Signature of the Tenderers
with seal.

SECTION -IV

DETAILED SPECIFICATION SHEET TO BE FURNISHED BY THE TENDERER

NAME OF THE SUPPLIER WITH DETAILED POSTAL ADDRESS	
INPUT VOLTAGE	
POWER CONSUMPTION:	
SIZE	
HOUSING:	
COVER:	
LENS:	
MAKE OF LED:	
MAKE OF LENS:	
COLOUR TEMPERATURE:	
LUMINOUS FLUX:	
POWER FACTOR	
INGRESS PROTECTION(IP):	
DRIVER EFFICIENCY:	
SURGE PROTECTION:	
CRI(COLOUR RENDERING INDEX):	
MOUNTING:	
MAKE OF LUMINARY:	
WARRANTEE / GUARANTEE	

Dated:
Place:

Signature of the Tenderers
with seal.