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**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

*(A Government of Odisha Undertaking)*

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)

EHT (O&M) DIVISION, CHATRAPUR

AT-PUTIGOPALPUR, CHATRAPUR, DISTRICT-GANJAM, PIN-761020

Cug phone: 9438907396 E-mail - [ehm.div.chtrpr@optcl.co.in](mailto:ehm.div.chtrpr@optcl.co.in)

CIN- U40102OR2004SGC007553

**TENDER SPECIFICATION NO.02/2022-23**

**FOR**

**SUPPLY OF 54 NOS. 120 WATT, 230 V LED FLOOD LIGHTS WITH  
COMPLETE OUTDOOR FITTINGS (CGL/PHILLIPS/ BAJAJ/  
/HALONIX MAKE) REQUIRED FOR ALL GRID S/S UNDER E.H.T  
(O&M) DIVISION CHATRAPUR**

SALE OF TENDER SPECIFICATION

Dt.23/11/2022 (During office Hours.)

LAST DATE SALE OF TENDER SPECIFICATION:

Dt.29/11/2022 (05:00 PM)

LAST DATE OF SUBMISSION OF TENDER:

Dt.30/11/2022 (01:00 PM)

DATE OF OPENING OF TENDER:

Dt.30/11/2022 (03:30 PM)

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

ISSUED TO,

M/s.....

.....

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**SECTION-I**  
**OPEN TENDER CALL NOTICE NO. 02/ 2022-23**

The Deputy General Manager (Elect.), E.H.T. (O&M) Division, Chatrapur invites sealed Tenders from Reputed manufacturers/ Experienced suppliers/ Authorized Dealers with valid PAN, GST regd. Certificate with for the following work :

SL. NO	DESCRIPTION	COST OF TENDER PAPER	COMPLETION PERIOD
01	<b>Supply of 54 Nos. 120 W , 230 V LED Flood lights with complete outdoor Fittings (CGL/PHILLIPS/ BAJAJ/ /HALONIX Make) required for all Grid S/S under E.H.T (O&amp;M) Division Chatrapur.</b>	Rs.2000/- +18% Gst	30 days from the issue of Purchase order

The tender specification can be obtained from the office of The DGM EHT (O&M) Division, Chatrapur on payment of **Rs. 2000/- (Two Thousand only) + GST @ 18% (Non Refundable)** in shape of Cash/Bank Draft in favour of Deputy General Manager, EHT (O&M) Division, Chatrapur payable at “Union bank of India”, Chatrapur Branch on any working day from **Dt.23/11/2022 to Dt. 29/11/2022**. Additional amount of **Rs.100/- (One Hundred only)** may be paid extra for postal delivery of the tender specification. The undersigned shall not be held responsible for any postal delay.

**The Tender shall be received Up to 01:00 PM of dated 30/11/2022 & will be opened at 03:30 PM on Date.30/11/2022** 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. One Tender paper shall be issued to one Bidder. The price bid must be accompanied with Self Attested Copy of PAN and GST Registration Certificate failing which the tender will be liable for rejection. The tender documents will be opened in the office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any on **Dt-30/11/2022**. If the last date of receipt or the date of opening of Tender falls in holiday, then the Tender paper will be Received /opened in the next working days.

- Date of Sale of Tender Paper: Dt 23/11/2022 to Dt.29/11/2022 up to 05:00 PM (During Office Hours)
- Last Date of Receipt of Tender Paper: Dt. 30/11/2022 up to 01:00 PM
- Date of Opening of Price Bid of Tender Paper: Dt.30/11/2022 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 department 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.11 of SECTION-III. Also the documents must be valid on the date of opening of tender and should be submitted along with tenders, failing which the tender will be rejected. The bidder or their authorized representatives should produce the original documents mentioned in Clause No.11 of SECTION-III for verification at the time of opening of the tender. Those who fail to produce the same found invalid on the date of opening of tender unmatched with the Xerox copy submitted by the bidder; their tenders will be out rightly rejected. In case if only one bidder participate in the tender process or nature of urgency of work (decided by this office), then undersigned may consider the case (\*but not mandatory) & 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/ Purchase 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. **All correspondence relating to the tender shall be made with Dy. General Manager (EL), E.H.T. (O&M) Division, OPTCL, Chatrapur.**

**N.B:-**

- (i) All the materials required for work shall be of good quality relevant to concern IS.
- (ii) Engineer-in-charge shall ensure the quality of material supplied and quality of the work done.

**SECTION-III**  
**GENERAL TERMS & CONDITIONS OF CONTRACT**

Sealed tenders are invited in duplicate from **Reputed manufacturers/ Experienced suppliers/ Authorized Dealers having valid PAN, GST regd. Certificate** for **“Supply of 54 Nos. of 120 W , 230 V LED flood lights with Complete Outdoor Fittings (CGL/PHILLIPS/ BAJAJ/HALONIX Make ) required for all Grid S/S under E.H.T (O&M) Division Chatrapur”**

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

Tender shall be submitted with other documents in duly sealed envelope super scribed on the body of envelope **“Supply of 54 Nos. of 120 W , 230 V LED flood lights with Complete Outdoor Fittings (CGL/PHILLIPS/ BAJAJ/HALONIX Make ) required for all Grid S/S under E.H.T (O&M) Division, Chatrapur.”**

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, Chatrapur 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 tender should be accompanied with **EMD of Rs.5000/-** in shape of **Demand Draft** in favour of Deputy General Manager (El.) EHT (O&M) Division, CHATRAPUR payable at Chatrapur. The EMD of the unsuccessful bidders will be returned after finalization of tender. The EMD of the successful bidders will be returned only after the Security money deposited as per the clause No.(6) in Section (III). In case of successful bidder fails to execute the order satisfying all terms & conditions or also fails to complete the supply within stipulated date mentioned in the date of order, the Earnest Money Deposit will be forfeited. No interest will be paid on the EMD to any participator. No other mode than above for EMD Deposit will be accepted & bidder will be out rightly rejected.

**5. PRICE:-** The bidders are advised to quote their rates as per **price schedule Section-V**. The price should be firm and shall include the cost of all the materials, labour, and transportation of all the materials to site including mobilization to complete the work in all respect and also shall cover all incidental expenses towards execution of works including T&P etc. Taxes if any to be specified.

**6. SECURITY DEPOSIT:-** The bidder whose offer qualifies for acceptance will be awarded Purchase order forexecution of the supply and the bidder shall have to deposit security amount equal to **03%** (Three percent) of contract value in shape of BG/Bank Draft drawn in favour of the paying officer, of OPTCL within 10 days of placing the order. The security deposit shall be released after two months of the guarantee period as stated under clause-10 of SECTION-III 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 respective paying officer of OPTCL prior to commencement of supply. The security deposit shall be released after expire of Guarantee period. In case of Non fulfilment of contractual obligation by the supplier, the same so deposited shall be forfeited. In case the security amount is not deposited, the same shall be deducted from the bill of the bidder.

**7. DELIVERY:-** The materials shall be supplied within **30 days** from the date of issue of purchase order. The successful bidder must take every step to deliver the materials at scheduled destination within the delivery period. The purchaser however reserves the right to reschedule the delivery, change of destination. If the materials are not delivered within the stipulated period, then the penalty should be imposed as per clause No.08 of SECTION-III.

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

**9. TERMS OF PAYMENT:** -100 % (one hundred percent) payment along-with full taxes and duties(if any) shall be made after successful completion of the supply work in all respect and verification reports thereof by respective consignee and Paying Officer and on receipt of funds from Head Office in this regard and against deposit of 03% security cum performance guarantee, otherwise the same will be deducted from the final bill which will be released after completion of Guarantee period.After complete execution of supply work, the bidder shall produce the printed bills to the respective consignee/Paying Officer for effecting payment.

**10.GUARANTEE PERIOD:** -The materials supplied by the supplier as per contract specification shouldbe guaranteed for trouble free & satisfactory operation and free from any defects for a period of **24 months for Supply of Flood Lights** of use and hand over to the consignee whichever is earlier. The guarantee certificate shall be furnished in triplicate to the undersigned for approval.**Any defect if noticed during the above guarantee period shall be replaced/ rectified by you of free of cost within 10 days of intimation from the consignee provided such defects are traced due to bad material, bad workmanship & faulty designetc.**

**11. DOCUMENTS:** -Original money receipt of Bid document should be accompanied with the Bid. Self-attested legible Xerox copies of **Income Tax PAN Card, GST Registration & clearance Certificate & Authorized dealer/ Channel Partner** valid on the date of opening of the tender should be submitted along with tenders without which tender will be rejected at the time of opening. If required, the tenders shall have to produce original documents for verification any time after the opening of tender. Those who fail to produce the same and found not to be valid on the date of opening of the tender, their tenders will be rejected.

**12. 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.

**13.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.

**14.DESPATCH INSTRUCTION & CONSIGNEE:**-**The S.D.O (Electrical.) ,Grid S/S ,Chatrapur** is the **CONSIGNEE** for this Purchase Order.

The materials should be securely packed and despatched directly to the destination as mentioned in the schedule of quantity at the suppliers risk by Road Transport only.

- a) It will be the sole responsibility of the supplier for loading and unloading of materials both at the factory site and the destination site / store.

The Purchaser shall have no responsibility on this account.

**15.PAYING OFFICER:**-The DGM, EHT(O&M) Division, Chatrapur is the paying Officer for contract.

**16. JURISDICTION OF COURT:**-Dispute if any, arising against the work order to be issued to the Bidder shall be filed by either party in any court of law to which the jurisdiction of Odisha High Court, CTC 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.

**17.EXTENSION OF TIME:**If the delivery of the 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.

**18.LANGUAGE AND MEASURES:** All documents pertaining to the contract including specifications, schedule, notices, correspondence, or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract unless otherwise any other measuring system is mentioned.

**19.SUPPLY OF MATERIALS:-**The contractor shall have to provide the 120W LED based Flood light fittings along with inbuilt surge protection device and other accessories of approved quality and as per the GTP submitted by you. The material are to be inspected by the representatives of OPTCL before utilisation of the same. All other materials which are not been mentioned in the Tender and are required at site for proper execution of the work shall also be supplied by the Contractor. All material, T & P and labour are to be supplied by the Contractor. The materials to be used by this work shall conform to the relevant IS and as per the Technical Specification and satisfaction of the site-in-charge.

**20.SUPERVISION:** The materials so supplied shall be certified by the supervising officer before utilisation.

**21.STANDARDS:** The materials to be used by this work shall conform to the relevant IS and as per the Technical Specification and satisfaction of the site-in-charge.

**22.FREE REPLACEMENT:**Free replacement of materials lost or damaged due to transit shall be made immediately on receipt of the intimation from the consignee / paying officer without waiting for settlement of the claim of the Bidders with railway / lorry / insurance company.

**23.REJECTION OF MATERIALS:** In the event any of the equipment / materials supplied by the manufacturer is found defective due to faulty design, bad workmanship, bad materials used or otherwise not in conformity with the requirements of the Specification, the Tenderer shall either reject the equipment / material or ask the supplier in writing to rectify or replace the defective equipment / material free of cost to the purchaser.

The Supplier on receipt of such notification shall either rectify or replace the defective equipment/material free of cost to the Tenderer within 10 days from the date of issue of such notification by the Tenderer. If the supplier fails to do so, the Tenderer may:-

At its option replace or rectify such defective equipment/materials and recover the extra costs so involved from the supplier plus fifteen per cent and/or terminate the contract for balance work/supplies, with enforcement of penalty Clause as per contract for the un-delivered goods and with forfeiture of Performance Guarantee / Composite Bank guarantee. Acquire the defective equipment/materials at reduced price, considered equitable under the circumstances

**24.SUBMISSION OF PROOF REGARDING MANUFACTURER'S CERTIFICATE/ AUTHORISED DEALERSHIP CERTIFICATE / CHANNEL PARTNER CERTIFICATE , PRICE LIST OF THE MANUFACTURER, PAST EXPERIENCE OF EXECUTION OF ORDER PERFORMANCE CERTIFICATE, TECHNICAL LITERATURE AND DRAWING, TYPE TEST CERTIFICATE:**

Attested legible Xerox copies of necessary Manufacturer's certificate, Manufacturer's Authorization Certificate, valid authorized dealer certificate / Channel partner certificate, Manufacturer's Price list and technical literature etc. should be furnished along with the tender. If required, the firms may be requested to produce such original certificates for verification.

Past experience of execution of Purchase Orders needs to be furnished by the bidders. The bidders have to clearly state their experience, resources, engineering organization to undertake this work of supply of Flood lights. The bidders shall upload the scanned copy of legibly written user's certificate to prove the satisfactory operation of the offered equipment / materials for a minimum period of 2 (two) years from the date of commissioning / use. The purchaser reserves the right to waive off the stipulation in respect of experience in case of new firms.

The tender shall be accompanied with dimensional drawing and technical literature, leaflets, manuals if any.

**25.SUPPLIER'S RESPONSIBILITY**

Notwithstanding anything mentioned in the Specification or subsequent approval or acceptance by the competent authority, the ultimate responsibility for design, manufacture, materials used and satisfactory performance shall rest with the Tenderers. The Supplier(s) shall be responsible for any discrepancy noticed in the documents, submitted by them along with the bid(s).

**26.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, Chatrapur in his own or Firm's name.
- b) Tenders shall be submitted in person or by Registered post with A.D. and received before the time fixed for receipt of tender.
- c) Tenders shall not be submitted telegraphically or by FAX.
- d) Tenders shall be accompanied with the prescribed earnest money deposit.
- e) Tenders shall be kept valid for a minimum of 180 days from the date of opening of the tender.
- f) Tenders shall be accompanied with original money receipt, clear valid attested Xerox copy of **PAN No, GST Registration Certificate,(Authorized dealership certificate/ Channel partner certificate)** 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 authorized representative of the bidders.
- g) The tender shall not be conditional/ ambiguous.
- h) The tenderer shall agree to all other terms and conditions of the tender specification.
- i) The Authority is not responsible for any postal delay.

**27.SECURITY/EMD TERMS:**The EMD not claimed for refund within a period of one year from the date of issue of our Purchase Order and security deposit not claimed for refund within a period of Three years after completion of contract, will be forfeited.

**28.INFORMATION OF COMPETITORS:** Bidders have the 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.



## **SECTION-IV**

### **TECHNICAL SPECIFICATION**

#### **1.The Scope of contract:-**

This specification covers “**Supply of 54 Nos. of 120 W , 230 V LED flood lights with Complete Outdoor Fittings (CGL/PHILLIPS/ BAJAJ/HALONIX Make ) required for all Grid S/S under E.H.T (O&M) Division Chatrapur**” as per the technical requirement. The scope of the contract shall be to deliver the material on Rail/Road transport at various destination sites of OPTCL. The bids must be accompanied with LM 79 & 80, IP66, IK05, BIS, CE, ROHS test certificates. Luminary manufacture has to submit authorisation certificate from reputed known LED chip manufacturer like **CREE, NICHIA & PHILLIPS LUMILED** etc. only without which their tender will not be entertained.

**2. GENERAL REQUIREMENT:** The LED fittings must to be suitable for the purpose of switch yard lighting of various grid substations. The fittings must satisfy all the requirement as specified in the technical specification. Each unit must be accompanied with LED chip manufacturer certificate and LM 79 & LM 80 test certificates. The fittings must be water proof and dust proof as per protection certificate IP 66. The mechanical strength IK05 is to be supplied along with bid. The Driver Certification documents must also be enclosed within.

**a) Minimum 2 years guarantee with complete replacement.**

**b) The fitting found defective during usage are to be replaced within 10 days of receipt of complaint from the concerned authority.**

**c) The tender must be accompanied with LED chip manufacturer certificate, Secondary Optical Lens manufacturer certificate and LM 79 & 80 test certificates. The fittings must be water proof and dust proof as per protection certificate IP 66. The mechanical strength IK05 is to be supplied along with bid. The Driver Certification documents must also be enclosed within.**

#### **3.SPECIFICATION OF 120W LED FLOOD LIGHTS:**

<b>Sl. No.</b>	<b>Parameter</b>	<b>Requirement</b>
	Manufacturer	<b>CGL/PHILLIPS/ BAJAJ/HALONIX</b>
1	Model/CATALOGUE REF	To be quoted by the bidder
2	Rated System Wattage (Watts)	120W±5%
3	Optical Assembly	<b>High Power Discrete LED's with individual Lens designed to optimized application efficiency</b>
4	Beam Angle	90° for Luminaire
5	Power Factor	≥0.95
6	Operating Voltage range (Volts)	120 - 270 VAC
7	SYSTEM CURRENT @ 240V AC	0.53A
8	Supply Frequency (Hz)	50
9	Total Harmonic Distortion (%)	<10%
10	Surge Protection (kV)	<b>(Should strictly adhere to) 4KV inbuilt Surge protection along with 440V withstand protection in driver + Additional 10KV external SPD)</b>
11	LED Efficacy	<b>&gt;130 Lm/W (Manufacturer to submit proof for the same)</b>
12	System Efficacy (lumen/watt)	<b>≥100 Lm/W</b>
13	Junction Temperature (Tj)	The Junction Temperature shall be <75 Deg. C at 25 Deg. C to 30 Deg. C Ambient Temperature
14	Ingress Protection (IP)	<b>IP66</b>
15	Mechanical Impact of the entire fitting	<b>IK05</b>

	(IK)	
16	Housing	Housing with pressure Die-cast Aluminium having separate compartment for driver. The heat sink made up of extruded aluminium will be preferable.
17	Hardware	SS & MS Zinc plated & passivated nuts, bolts and other necessary hardware
18	Weight	4Kg
19	Luminaire cover / glass	Heat resistant toughened glass
20	Luminaire mounting arrangement	Eye-Bolt provided for Mounting Purpose
21	Color Rendering Index (CRI)	≥75
22	Working Life for LED (@L70) (No. of hours)	Minimum 50,000 Burning Hours as per LM-80 Report
23	Color Temperature (Deg. Kelvin)	5700° to 6500°K
24	LED Drive Current (A)	Not more than 85% of the rated current carrying capacity of LED
25	Make of LED manufacturer	CREE / NICHIA / Philips
26	Humidity (% min & max - Relative humidity)	10% to 90% RH
27	Suitability for dusty conditions	Yes
28	Operating Temperature Range	Minimum -5° To 55°
29	Driver	One No. Independent Drivers for the Luminaire
30	Driver wattage:	120W < Output Wattage ≤ 150W
31	Maximum Amperage of Driver	≤0.7A
32	Driver Protection	Short Circuit, Over Load, Open Circuit No - Load, Reverse Polarity, EMI & Environmental
33	Driver Technical Data Sheet	Technical Data Sheet of the Driver used in the offered Luminaire to be submitted along with the Offer.
34	Driver Type	<b>Constant Current, potted driver with internal Surge Protection of ≥4KV, CE marking &amp; ROHS Compliant</b>
35	Driver Efficiency	≥90%
36	Driver Compliance	1. IS 15885 (Part 2/Sec 13) as per BIS Certificate 2. The Driver should have CE marking & should be ROHS compliant.
37	Driver Lifeclass (Br. Hrs.)	>15000 Burning Hours
38	Driver Make	Inventronics / Xitanium or any other reputed make
39	Internal Wiring	Teflon insulated, Cu Conductor
40	Warrantee / Guarantee	<b>As per Clause No 10 of Section III</b>
41	<b>LENS:</b>	90 degree Secondary Optical Lens suitable for flood lights or high bay lights.
42	<b>MAKE OF LENS:</b>	LEDIL / KHATOD or equivalent reputed make
43	Minimum Lux at height of 25 feet	<b>The floodlight when fitted at a height of 30 feet, should produce an average luminance of 30 lux when measured perpendicularly below the fitting</b>

	<b>Mandatory Documents to be submitted along with Offer apart from the one mentioned above:</b>	
1	Technical Data Sheet of the Offered Luminaire	Technical Data Sheet of the Offered Luminaire to be submitted along with the Offer.
2	Technical Data Sheet of the Driver	Technical Data Sheet of the Driver used in the Offered Luminaire to be submitted along with the Offer
3	Technical Data Sheet of the LENS	Technical Data Sheet of the LENS used in the Offered Luminaire to be submitted along with the Offer
3	LM 79 (Photometry) Report	LM-79 Report mentioning Total Lumen output, Power, Power Factor, Current in Amps, CRI & CCT of the offered Luminaire to be submitted along with the Offer.
4	LM 80 Report & Photo biological Report for LED	LM-80 Report & the Photo biological Report of the LED Chip being used in the offered Luminaire to be submitted along with the Offer.
5	Driver Certification	ROHS, CE, UL Report of Driver, <b>BIS Certificate of the Driver.</b> Luminary Manufacturer has to submit Authorization Certificate from LED Chip manufacturer like CREE, NICHIA and PHILLIPS LUMILEDs .
6	Report	As per requirement, all the test Certificates / reports are to be obtained from NABL Accredited LAB for the quoted Fitting ,Driver & LED

**Signature of the Bidder with Seal**

**SECTION-V**  
**PRICE SCHEDULE**

Sl. No	Description of Material	Unit	Qty	Rate in Rs.	GST in %	GST per Unit in Rs.	Unit Price incl. GST in Rs.	Total Amount in Rs.
	<b>Supply of Materials</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D=(B x C %)</b>	<b>E=B+D</b>	<b>F=AxE</b>
1	Supply of 120 W , 230 V LED flood lights with Complete Outdoor Fittings (CGL/PHILLIPS/BAJAJ/ HALONIX Make )	No.	54		18			
1	<b>Total</b>							

Signature of the Bidder with date

**SECTION –VI**

**ANNEXURE-I**

**ABSTRACT OF TERMS AND CONDITIONS**

**(This proforma should be filled with all information and should be furnished along with the tender)**

1(a)	<b>Cost of Tender Document:</b> OPTCL Money Receipt No. & Date / D.D No & Date.	
1(b)	Earnest money deposited vide Bank Draft No ..... Dated..... Amount in Rs ..... (Rupees.....) only	Yes/No
2	Whether Attested copy of valid Authorized dealership/channel partner certificate furnished or not.	Yes/No
3	Bidders' past experience including user's performance certificate furnished or not	Yes/No
4	Security-cum-Performance Guarantee (Whether agreeable to OPTCL terms)	Yes/No
5	<b>Guarantee:-</b> Whether agreeable to OPTCL's terms.	Yes/No
6.	<b>Terms of payment:-</b> Whether agreeable to OPTCL's terms or not	Yes/No.
7.	<b>Nature of price:-</b> FIRM	Yes/No
8.	<b>Penalty:-</b> Whether agreeable to OPTCL's terms or not	Yes/No
9.	<b>Validity: -</b> Whether agreeable to OPTCL's terms or not	Yes/No
10.	Whether materials are ISI/ISO marked.	Yes/No
11.	Manufacturer's name and its Manufacture certificate /Type test certificates are furnished.	Yes/No
12.	Copy of GST Registration & clearance Certificate furnished	Yes/No
13.	Copy of PAN furnished:	Yes/No
14.	Whether declaration form duly filled in furnished or not.	Yes/No.
15	Agreed to all terms and conditions of the tender specification	Yes/No

*(Strike off whichever is not applicable)*

**Signature of the Tenderer with Seal**

**Date:**

**Place:**

**ANNEXURE – II**

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

*Signature of Bidder with Seal*

