

**Bid Identification No. Chief Executive, RPRC- BBSR-36 /2017-18**



**GOVERNMENT OF ODISHA  
FOREST & ENVIRONMENT DEPARTMENT**

**DOCUMENTS FOR COVER - I**

**TECHNICAL BID DOCUMENTS FOR THE WORK  
SUPPLY OF LED LIGHT FITTINGS IN STREET LIGHT POLE (FOUR ARM & SINGLE ARM POLE)  
AND FLOOD LIGHT FITTINGD FOR FIRMS & GARDEN SIDE AT,RPRC,BHUBANESWAR**

**CHIEF EXECUTIVE  
REGIONAL PLANT RESOURCE CENTRE  
BHUBANESWAR**



**REGIONAL PLANT RESOURCE CENTRE**  
**Forest and Environment Department, Government of Odisha**  
**Bhubaneswar – 751015**  
**DETAILED TENDER CALL NOTICE**

**Name of the work tendered for:-** SUPPLY OF LED LIGHT FITTINGS IN STREET LIGHT POLE  
(FOUR ARM & SINGLE ARM POLE) AND FLOOD LIGHT  
FITTINGD FOR FIRMS & GARDEN SIDE

**Last date of issue of tender :** Dt. (22.09.17 up to 03.00 PM)

**Last date of receipt of tender:** Dt. (22.09.17 up to 5.00P.M)

**Opening of tender (Technical Bid):** Dt. (23.09.2017 at 4 P.M)

**Issued to the Tenderer :.....**

**Vide Money Receipt No..... Date .....**

**Class.....**

-Sd-

(Administrative Officer)



**GOVERNMENT OF ODISHA**

**DEPARTMENT OF FOREST AND ENVIRONMENT  
OFFICE OF THE CHIEF EXECUTIVE, REGIONAL PLANT RESOURCE  
CENTRE, BHUBANESWAR – 751015**

**TENDER CALL NOTICE FOR PROCUREMENT OF LED LIGHT FITTINGS**

**NO. 1593 /RPRC**

**Date 31.08.2017**

Sealed tenders in two bid system ( **Technical bid and Financial bid** ) are invited from reputed manufacturer/ their authorized dealers/ stockiest/ distributors for procurement of **LED light fittings & LED flood light fittings** to RPRC Store for the year 2017-18.

1. Name of work :- Procurement of LED light fittings & LED Flood Light fittings for farm & Garden Unit.
2. Estimated Cost :-Rs.8.86 lakhs (Approx.)
3. Time of completion :- 1(One) Calendar Months.
4. No of Item :- 3(Three) No
5. Summary for key dates is provided below :-

<b>Procurement Officer</b>	<b>Bid identification No</b>	<b>Last date sale of tender paper</b>	<b>Last date receipt of tender paper</b>	<b>Date of opening of tender paper (Technical bid)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Chief Executive</b>	<b>36/2017-18</b>	<b>22.09.17 up to3.00 pm</b>	<b>22.09.17 (up to 5.00 PM)</b>	<b>23.09.17 (at 4.00 P.M)</b>

Further details can be seen from the from RPRC website ([www.rprcbbsr.com](http://www.rprcbbsr.com)) or from RPRC Notice Board. Any other changes/ Corrigendum's may be seen only from RPRC website ([www.rprcbbsr.com](http://www.rprcbbsr.com)) or from RPRC Notice Board

**-Sd-  
Chief Executive**



**REGIONAL PLANT RESOURCE CENTRE**  
**Forest and Environment Department, Government of Odisha**  
**Bhubaneswar - 751015**  
**TENDER CALL NOTICE-36 / 2017-18**

**NO 1593 /RPRC**

**Date 31.08.2017**

Sealed tenders in two bid system (**Technical bid and Financial bid**) in prescribed proforma are invited from **reputed manufacturer/ their authorized dealers/ stockiest/ distributors** such as PHILIPS /BAJAJ /HAVELLS /HALONIX /CROMPTON/ GE /WIPRO for procurement of following category of **LED light fittings** to RPRC Store for the year 2017-18 having eligibility criteria, so as to reach the Chief Executive, RPRC through registered post/ speed post only. Last date of receipt of bid is **up to 5 P.M on 22.09.17.**

Sl. No	Description of materials	Qty (nos)	EMD	Cost of tender paper (non refundable)	Date of sale/ Receipt of tender paper	Date of opening of tender paper	Date of delivery of materials
1	2	3	4	5	6	7	8
1	Supply of <b>40/45 watt LED</b> light fitting as per the specification mention in the Annexure-I .	<b>52</b>	Rs.9000/-	Rs. 4200/-	01.09.17 to 22.09.17 (up to 5.00PM)	23.09.17 at 04.00 PM <b>(Technical Bid)</b>	30 days from the date of issue of purchase order.
2	Supply of <b>90 watt LED</b> light fitting as per the specification mention in the Annexure-I .	<b>44</b>					
03	Supply of <b>200 watt LED</b> flood light fitting of as per the specification mention in the Annexure-I .	<b>8</b>					

The Tender documents can be made available in the office of undersigned on written request and payment of required dues by **cash/ pay order/ Bank Draft** in favor of Chief Executive, RPRC, Bhubaneswar and payable at Bhubaneswar, Odisha. The DTCN can also be down loaded from the RPRC web-site [www.rprcbbsr.com](http://www.rprcbbsr.com), from dt.**01.09.2017** to dt. **22.09.2017** for which document cost amounting to Rs.4200/- should be submitted in separate envelope marked “ Cost of Bid document downloaded from the internet ”, along with the bid document. The Tender bids must be accompanied with EMD Rs.9000/- in shape of DD/ pay order in any Nationalize Bank in favor of Chief Executive. RPRC, Bhubaneswar, payable at Bhubaneswar and will be opened (**Technical Bid**) on Dt. **23.09.17at 4.00 PM** in presence of Tenders or their representative. (One person only with original authorization letter) Incomplete Tenderers and Tenders without EMD shall be rejected. Besides these, the undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.

**-Sd-**  
**Chief Executive**

## SECTION-1

### **(A) INSTRUCTION TO THE BIDDERS (CHECK LIST):**

1. The Bidders must read in detail the “Instruction to the Bidder” & “General terms and conditions” before filling the Tender Documents.

### **2. TENDERS:-**

- (a) Bidders must submit the tenders in the specified specification only.
- (b) Tender must be submitted in Sealed envelopes superscribed as “**Quotation for Tender Call Notice No.-36 of 2017-18 (Procurement of LED based Street light fitting & Flood Light fitting), Date of opening- 23.09.17**” and addressed Chief Executive, RPRC, BBSR-751015
- (c) The sealed tender shall be submitted in two separate closed/sealed envelopes, one marked as “**Technical bid**” and the other as “**Financial bid**”. Both these envelopes shall be kept in a bigger envelope marked “**Tender\_Documents for procurement of different category of LED light fittings & LED Flood Light fittings and be addressed to the Chief Executive, Regional Plant Resource center, Nayapalli, Bhubaneswar-15**”.
- (d) Inside the **Technical Bid envelope (opened on 4.00 PM on 23.09.17** the following documents should be submitted for Technical evaluation.
  - i) **Section-I,**
  - ii) **Section-II,**
  - iii) **Section-III,**
  - iv) **Annexure-I and**
  - v) **EMD Rs.9000/- in shape of D.D /Pay order in any Nationalize Bank in favour of Chief Executive RPRC, BBSR.**
- (e) Inside the **Financial Bid envelope** the following documents should be submitted for Technical evaluation.
  - (i) **Section-IV only,**
- (f) Tender shall be submitted by Registered Post / speed post only. Any other means of delivery shall not be accepted. Detailed postal address with PIN No., Phone/ E-mail must be mentioned on the tender bid. Tenders received after due date due to postal delay of any other reason will not be considered.
- (g) Conditional offers will not be considered.

### **3. EARNEST MONEY DEPOSIT (EMD)**

Tenders not accompanied with required EMD shall be rejected. No further query shall be entertained in such case. EMD of successful Tenderers will not be adjusted towards security deposit. The E.M.D of all unsuccessful Tenderers shall be refunded on written request after finalization of award of contract. Any exemption of EMD will be submitted with proper document.

### **4. FORFEITURE OF E.M.D:-**

- (i) In the event the successful tenderer fails to accept the order or supply the materials within the stipulated period, the E.M.D & S.D. so deposited shall be forfeited and further said manufacturer will not consider to participate in the tender issued by the RPRC authority..
- (ii) Any deviation from terms and conditions may amount to forfeiture of EMD without any notice.

**5. INFORMATION ON COMPETITORS:**

Bidders have right to know information on competitors only at the time of opening of the bids of Competitors. No further information on competitors shall be provided at any other point/ Stage and before finalization of the tender without prejudice to Right to Information act.

**6. AUTHORISED REPRESENTATIVES:**

Bidders themselves or one authorized representative (processing authorization letter original) for each bidder shall be allowed to attend opening event of the tenders.

**7. OPENING OF TENDERS( Technical Bid):**

Copy of PAN card/ TIN/ GST Registration certificate should be enclosed with the Tender.

*The purchaser reserves the right to reject the lowest or any other Tender or all tenders without assigning any reason what so ever.*

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.
9. In the event of discrepancy or arithmetical error in the schedule or price, the decision of the authority shall be final and binding on the tenderer.
10. For evaluation, the price mentioned in words shall be taken in there is any difference in figure and words in the price bid.
11. The tenders shall be outright by rejected if they do not comply with the following requirements.
  - a) Tenderers should have purchased the relevant specification from the office of the Chief Executive, RPRC and indicate the money receipt No. and date of this office.
  - b) Tenders shall be submitted by Registered post /Speed post only, which should be received before the opening of Tender as specified in the Tender call notice.
  - c) Tenders shall not be submitted telegraphically or by FAX.
  - d) Tenders shall be accompanied with prescribed earnest money deposit.
  - e) Tenders shall be kept valid for a minimum of 90 days from the date of opening of the Tender.
  - f) Tenders shall be accompanied with clear visible of photo copy of PAN card, Valid GST registration certificate which must be valid on the date of opening of the Tender.
  - g) The Tenders shall not be conditional.
  - h) Violation of conditions set forth and provided in Section-I & Section-II of the Tender specificat - ion may also be rejected.
  - i) **Literature and specification should including detail technical data sheet attached alongwith the Tender for technical evaluation bid & non submission of document shall be out rightly rejected.**
  - j) The tenderer shall submit proof of manufacture of their product.
12. Only Ink / Dot Pen signed copy of DTCN, issued by the office shall be entertained. The authority reserves the right to reject any or all the tenders without assigning any reason thereof.
13. No claim shall be entertained towards any expenses made by bidder for submission of the bid in case of cancellation / rejection.
14. The DTCN forms is a part of the agreement and its each page should be signed by the bidder, which considered as a token of acceptance of the terms and conditions.
15. The bidders should quote rates inclusive of all taxes for each item, both in figures and words. Wherever there is a difference between the rate quoted in figures and words, the rate quoted in words will be taken as correct.
16. **The successful bidder has to submit an original challan, if supplied through authorized dealer and also to furnish a certificate regarding their original product.**
17. The RPRC shall deduct the statutory deductions as applicable under the Income Tax Act, 1961, Orissa Value Added Tax Act, 2004 and any other statutory deductions.
18. In case of any dispute in the meaning of specification & description of items, rates or due errors/ typographical error, omissions, the decision of the bid accepting authority of RPRC with due recommendation of the Engineer- in charge of work id final and binding to the firm.

19. All the documents furnished by the bidder are subject to verification by the issuing authority. In case any manipulation is found, the EMD will be forfeited and steps shall be taken for black listing the bidder from RPRC.
20. Govt. Tax as applicable from time to time will be born by the bidder.

**SECTION-II**  
**(B). GENERAL TERMS AND CONDITIONS:**

**1. PRICE:-**

- (a) The price quoted should be firm, F.O.R. destination inclusive of freight, Insurance, Packing Forwarding charges inclusive discount if any.
- (b) Taxes, if any shall be mentioned extra. The tender may quote rate in respect of different make Materials as per scheduled.

**2. VALIDITY:-**

The offer should be valid for at least a period of 90 (Ninety) days from the date opening of the tender.

**3. TERMS OF PAYMENT:-**

100% Payment shall be made within 30 days after receipt of materials in full and in good condition & verification thereof by the consignee subject to availability of funds from Head office.

**4. 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 and Security Deposit. However early delivery shall be preferred.

**5. PENALTY FOR DELAY IN DELIVERY:**

If the supplier shall fail to deliver the materials within the delivery period as stipulated under clause No. 3 (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 item 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.

- 6. EXTENSION FOR 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.

**7. EARNEST MONEY:-**

Earnest Money Rs. 10,000/- shall be accompanied in shape of **bank draft/ Pay order** in favor of 'Chief Executive, RPRC, and BBSR'. The Tenders without Earnest Money shall be liable for rejection. No interest shall be paid on EMD. In case non-compliance/ non response to the correspondence made by this office, the EMD shall be forfeited.

- 8. 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 arising due to loss or damage in transits has to be settled by the supplier. The supplier undertake free replacement of materials damage of 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 and underwriters.

**9. DESPATCH INSTRUCTIONS:** The cost of transportation will be born by the supplier

**10. 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.

**11. 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 in the product if any fault / problem during this period should be rectified / replaced by the firm on free of cost provided such defects are due to faulty design, bad workmanship or low quality materials used. The replaced materials should also have similar guarantee.

**12. SECURITY DEPOSIT:-** The successful Tenderer has to deposit **5% of the contract value** as Security Deposit before issue of purchase order at the office of Chief Executive, RPRC, BBSR. **In case of non-execution of order the Security Deposit and EMD shall be forfeited. The Security Deposit amount will be refunded after successful completion of the guarantee period. The security deposit shall not carry any interest.**

**13. AUTHORITY-**

CHIEF EXECUTIVE, RPRC, BBSR

**14. CONSIGNEE:-**

Store Keeper RPRC BBSR.

**15. VERIFYING OFFICER:-**

E.C. & J.E. of RPRC.

**16. PAYING OFFICER:-**

Administrative Officer-cum- F.O, RPRC, BBSR.

**17. STANDARD :-**

The materials offered self confirm to relevant ISS.

**18. ADDITION & ALTEERRATION:-** The authority reserves the right to add or to reduce the quantum of materials without assigning any reasons thereof.

**19. RIGHT TO REJECT/ ACCEPT ANY TENDER:-** The Authority reserves the right, either to reject or accept any or all the tenders without assigning any reasons thereof.

**20. JURISDICTION OF THE COURT:-** For the purpose of jurisdiction of court in the event of dispute if any shall be deemed to have entered into any court of law at Bhubaneswar to which the jurisdiction of Orissa High Court extends and it is hereby expressly agreed that neither party shall be competent to bring a suit in regard to matter covered by this purchase any place outside in State of Orissa.

**21. SUBMISSION OF PAN No. & GST Registration Certificate.:-** Clear Xerox copies of PAN No. & GST registration certificate Valid on the date opening of tender should be submitted along with the tender, failing which, the tender will be rejected.

### **SECTION-III**

#### **DETAILED DATA SHEET TO BE FURNISHED BY TENDERERS.**

1. Name of the contractor with detailed postal address & Phone No.& E-mail:
2. Earnest money deposited vide Bank Draft No. and Date.
3. Xerox copy of up to date GST Registration Certificate:      Furnished/Not furnished
4. Xerox copy of up-to date ITCC.                                      Furnished/Not furnished
5. Xerox copy of PAN Card.    Furnished/Not furnished
6. Agreed to furnish contract Security Deposit:                                      Yes/No
7. Agreed to accept payment terms as per Tender Specification:                                      Yes/No
8. Agreed to adhere completion of Work as per contract:                                      Yes/No
9. Agreed to accept penalty clause as per the tender:                                      Yes/No
10. Agreed to keep validity of the offer 90 (ninety) days from the date of tender opening without any variation in tender clause:                                      Yes/No

Date:

Place:

Signature of the Tenderer with seal

## ANNEXURE –I

### Technical Specifications of 40W/45W & 90W LED Street Light & 200 W LED Flood Light to confirm from Manufacture

Sr. No.	Parameter	Requirement	Bidder Remarks
1	Model/CAT REF.		
2	Rated System Wattage (Watts)		
3	Optical Assembly	High Power Discreet LED's with individual Lens designed to optimized application efficiency	
4	Beam Angle	60 for Luminiare & 120 for Bare LED	
5	Power Factor	≥0.95	
6	Operating Voltage range (Volts)	120 - 270 VAC	
7	Supply Frequency (Hz)	50	
8	Total Harmonic Distortion (%)	<10%	
9	Surge Protection (kV)	<b>10KV</b>	
10	LED Efficacy	>130 Lm/W (Manufacturer to submit proof for the same)	
11	System Efficacy (lumen/watt)	≥100 Lm/W	
12	Junction Temperature (Tj)	The Junction Temperature shall be <75 Deg. C at 25 Deg. C to 30 Deg. C Ambient Temperature	
13	Ingress Protection (IP)	IP66 (Along with Test Report )	
14	Mechanical Impact of the entire fitting (IK)	IK05	
15	Housing	High Pressure Die –Cast LM6,LM6 High Pressure Die Cast Aluminum	
16	Luminiare cover / glass	Heat resistant toughened glass	
17	Luminiare mounting arrangement	adjustable mounting arrangement and with bracket arrangement	
18	Color Rendering Index (CRI)	≥70	
19	Working Life for LED (@L70) (No. of hours)	Minimum 50,000 Burning Hours as per LM-80 Report	
20	Color Temperature (Deg. Kelvin)	>5700°K±300°K	
21	LED Drive Current (A)	Not more than 85% of the rated current carrying capacity of LED	
22	Make of LED manufacturer	CREE / NICHIA / Philips Lumiled / OSRAM	
23	Humidity (% min & max - Relative humidity)	10% to 90% RH	
24	Suitability for dusty conditions	Yes	
25	Operating Temperature Range	Minimum -5 To 55	
26	Driver	One No. Independent Drivers for the Luminiare	

27	Driver Protection	Short Circuit, Over Load, Open Circuit No - Load, EMI & Environmental	
28	Driver Technical Data Sheet	Technical Data Sheet of the Driver used in the offered Luminaire to be submitted along with the Offer.	
29	Driver Type	Constant Current potted driver with internal Surge Protection of 4KV, CE marking & ROHS Compliant	
30	Driver Efficiency	≥85%	
31	Driver Compliance	1. IS 15885 (Part 2/Sec 13) as per BIS Certificate 2. The Driver should have CE marking & should be ROHS compliant.	
32	Driver Life class (Br. Hrs.)	>15000 Burring Hours	
33	Driver Make	BIS Approved	
34	Warrantee / Guarantee	2Years from the Date of supply against Manufacturing Defect only	
	<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	LM 79 (Photometry) Report from NABL Accredited LAB	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, BIS Certificate of the Driver	
6	Report	As per require All test Certificate (Fitting ,Driver & LED) from NABL Accreditation LAB	

-Sd  
**Chief Executive**  
**RPRC, Bhubaneswar**



**GOVERNMENT OF ODISHA  
FOREST & ENVIRONMENT DEPARTMENT**

**DOCUMENTS FOR COVER - II**

**PRICE BID DOCUMENTS FOR THE WORK**

**SUPPLY OF LED LIGHT FITTINGS IN STREET LIGHT POLE (FOUR ARM & SINGLE ARM POLE)  
AND FLOOD LIGHT FITTINGD FOR FIRMS & GARDEN SIDE AT, RPRC, BHUBANESWAR**

**CHIEF EXECUTIVE  
REGIONAL PLANT RESOURCE CENTRE  
BHUBANESWAR**

**SECTION-IV**

**FORMAT OF FINANCIAL BID WITH SPECIFICATION FOR**

**TENDER CALL NOTICE No 36 / (2017-18)**

Sl. NO.	DESCRIPTION OF MATERIALS	QTY (Nos)	UNIT RATE		TOTAL AMOUNT WITH TAX
			In Figure	In Words	
1	Supply of <b>40/45 watt LED</b> light fitting as per the specification mention in the Annexure-I .	<b>52</b>			
2	Supply of <b>90 watt LED</b> light fitting as per the specification mention in the Annexure-I .	<b>44</b>			
3	Supply of <b>200 watt LED</b> flood light fitting of as per the specification mention in the Annexure-I .	<b>8</b>			
	Total				

(Rupee.....)

Detailed Address with Phone no.  
& E-mail of Correspondence

SIGNATURE OF TENDERER WITH SEAL.

-Sd-

**Chief Executive  
RPRC, Bhubaneswar**