

## Bid invitation

### Information

Description: Supply of 36W Weather Proof LED Light

Bid invitation number: 6300037111

Version: 1

### Bid invitation rules

Bid invitation currency: INR

**Timezone:** INDIA

**Submission period:** 21.02.2022 15:00:00

**Tech Opening date:** 21.02.2022 15:30:00

**Created On:** 14.02.2022 09:52:15

### Bid invitation text:

E-MODE 2 BID TENDER INVITATION FOR SUPPLY OF "36W WEATHER PROOF LED LIGHT" AS PER RFQ.

PLEASE DOWNLOAD THE TENDER DOCUMENTS FROM "Notes & attachments folder". UPLOAD DULY FILLED & SIGNED RFQ IN "NOTES & ATTACHMENTS" IN SRM. PRICE SHOULD BE MENTIONED IN 'PRICE CONDITIONS ONLY'.

### GENERAL TERMS & CONDITIONS:

1. Indicate item wise HSN code (Harmonized System of Nomenclature) for the materials of this bid invitation.
2. Indicate Basic price and Goods & Services Taxes (GST) separately.
3. Bidders should ensure that they have uploaded their GST details on BEML website.
4. Bidders have to mention their GST registration number in bid.
5. BEML standard terms and conditions apply as per the attachment. Any offer / quotation submission after the closing hours of the due date is not possible.
6. L-1 firm will be finalized based on the competitive price of the technically qualified firms.
7. Payment Terms: a. As per tender  
b. Offers insisting for advance payment / against proforma will be not Consider for evaluation.
8. BEML is not obligated to contract for any of the products / services described in the RFQ. BEML reserves the rights to:
  - i. Accept or reject any or all proposals
  - ii. Modify or cancel the RFQ
9. The RFQ is not an offer or a contract.
10. Proposals become BEML's property.
11. Bidders will not be compensated or reimbursed for costs incurred in preparing proposals.
12. Packing Clause: : Item should be packed preferably using Eco -friendly packing material.

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Attachments:

RFQ

ANNEXURE

Digital Signature

## Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1	BEMLPA1419	36W LED WEATHER PROOF		15.03.2022 00:00:00	25 NO

## Item long text:

Ref No: Technical committee approval vide ref: BEML/PALAKKAD/RAILCOACH/IED/P1062/ 2021/3530007  
Item Description: 36W weather proof LED light fitting Sl.No" Parameter Requirement  
1 Make of luminarie BAJAJ/ CROMPTON/ PHILIPS/ HALONIX/ WIPRO/ HAVELLS/POLYCAB/ SYSKA/ PANASONIC/ EVEREADY. The firms offering other makes shall submit satisfactory acceptance report from the customer for supply of minimum 100 nos of similar type luminarie for acceptance of offer  
2 Electrical  
2.1 Rated wattage 36W +/- 10%  
2.2 Rated voltage, Frequency 230-240V, 50 Hz, Single phase AC supply  
2.3 Input operating Voltage range and frequency 140 to 270 Volts AC at 50 Hz +/- 2 Hz  
2.4 Luminaire System Efficacy (Lumen/watt) # 100 Lm/Watt  
2.5 AC Power Factor at full load # 0.90  
2.6 Driver type Constant voltage/Constant Current output integrated driver built into fitting / fixture  
2.7 Driver Efficiency (in %) # 85%  
2.8 Total harmonic distortion (THD) # 15%  
2.9 Protection Over load, Short circuit, Reverse polarity protection, Surge & transient protection of # 2.5 KV internal  
3 Optical  
3.1 Colour temperature (+/-500K) 6000K  
3.2 Working life for LED Minimum 50,000 burning hours as per LM-80 report  
3.3 Colour Rendering Index (CRI) # 80  
3.4 Beam Angle # 120  
3.5 Make of LED NICHIA/ OSRAM/ PHILIPS/ CREE/ BRIDELUX/ SAMSUNG/ EDISON / SEOUL / LUMILED  
3.6 Type of LED SMD type only  
3.7 LED chip efficiency # 120 lm/ watt  
4 Thermal management  
4.1 Heat sink The luminarie shall have efficient heat distribution design  
4.2 Operating Temperature range -10 deg C to +50 deg C  
5 Constructional  
5.1 Main Housing / Heat Sink Material: Polycarbonate housing with opal glare free milky diffuser  
5.2 Ingress Protection (IP Rating) The entire housing (both LED section and driver section) shall have minimum IP 65 protection as per IS:10322 (Part 1):1982 latest  
5.3 Mounting Surface or wall mounting type  
5.4 Size of luminarie 4 feet  
6 Warranty 5 years warranty from the supply date. Warranty should be on complete supplied unit. Firm should submit warranty certificate along with material.  
7 Reports & Certifications  
7.1 LM 79 as per IS:16106:2012 (Photometry) report from Central Government lab/ NABL/ ILAC accredited lab. The firm shall submit report along with material for acceptance.  
7.2 LM 80 as per IS:16105:2012 (Photobiological) report for LED from Central Government lab/ NABL/ ILAC accredited lab. The firm shall submit report along with material for acceptance.  
7.3 System must have EMI/ EMC compliance as applicable. The firm shall submit test report along with material for acceptance.  
7.4 LED Luminaire shall conform to IS:10322 latest

## Material Specification Text:

Please refer the Annexure for detailed Technical Specifications

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Item	Product	Description	Vendor product	Delivery date/	Quantity
	Price Condition		number	performance period	
	Basic Price		INR	_____	
	IGST -Integrated GST		%	_____	
	SGST - State GST		%	_____	
	CGST - Central GST		%	_____	