

## Bid Document

| Bid Details  |  |
|--|--|
| <b>Bid End Date/Time</b>   | 29-11-2021 16:00:00  |
| <b>Bid Opening Date/Time</b>   | 29-11-2021 16:30:00  |
| <b>Bid Life Cycle (From Publish Date)</b>                                    | 90 (Days)  |
| <b>Bid Offer Validity (From End Date)</b>                                    | 75 (Days)  |
| <b>Ministry/State Name</b>   | Ministry Of Heavy Industries And Public Enterprises  |
| <b>Department Name</b>   | Department Of Heavy Industry   |
| <b>Organisation Name</b>   | Bharat Heavy Electricals Limited (bhel)  |
| <b>Office Name</b>   | 10140027-hppb Trichy   |
| <b>Total Quantity</b>  | 160  |
| <b>Item Category</b>   | LED Luminaire (Recessed Luminaire) Rev 1 (Q3) , Led Luminaire (For Flood Light)-IS:10322, IS:16107 (Q3)  |
| <b>MSE Exemption for Years of Experience and Turnover</b>                    | No   |
| <b>Startup Exemption for Years of Experience and Turnover</b>                | No   |
| <b>Bid to RA enabled</b>   | No   |
| <b>Primary product category</b>  | Led Luminaire (For Flood Light)-IS:10322, IS:16107   |
| <b>Time allowed for Technical Clarifications during technical evaluation</b> | 2 Days   |
| <b>Estimated Bid Value</b>   | 241880   |
| <b>Payment Timelines</b>   | Payments shall be made to the Seller within <b>60</b> days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC) |
| <b>Evaluation Method</b>   | Item wise evaluation   |

### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

(a). The EMD % will be applicable for each schedule/group selected during Bid creation.

### Splitting

Bid splitting not applied.

### MII Purchase Preference

|                         |    |
|-------------------------|----|
| MII Purchase Preference | No |
|-------------------------|----|

### MSE Purchase Preference

|                         |     |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

### Evaluation Method ( Item Wise Evaluation Method )

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

| Evaluation Schedules | Estimated Value | Item/Category                                      | Quantity |
|----------------------|-----------------|--|----------|
| Schedule 1           | 142680          | Led Luminaire (recessed Luminaire) Rev 1           | 120      |
| Schedule 2           | 99200           | Led Luminaire (for Flood Light)-is:10322, Is:16107 | 40       |

### LED Luminaire (Recessed Luminaire) Rev 1 ( 120 pieces )

|            |                  |
|------------|------------------|
| Brand Type | Registered Brand |
|------------|------------------|

### Technical Specifications

[\\* As per GeM Category Specification](#)

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|---------------|--------------------|----------------------------------|
|---------------|--------------------|----------------------------------|

| Specification      | Specification Name   | Bid Requirement (Allowed Values)   |
|--------------------|--|------------------------------------|
| Standards          | <b>Rating of Recess type LED Luminaire/System Wattage/Rated Power</b>  | 36W                                |
|                    | Color temperature (+/- 500 K)  | 6000 deg K                         |
|                    | <b>Type of fixture (in feet)</b>   | 2x2(30W to 48W)                    |
| Constructional     | Warranty for free replacement  | 2 Years, 3 Years, 4 Years, 5 Years |
| Optical Management | <b>LED chip Efficacy (&gt;=130 Lm/Watt for 6000 deg K, &gt;=120 Lm/Watt for 4000 deg K, &gt;=110 Lm/Watt for 3000 deg K)</b> | Yes                                |

#### Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address  | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1     | Kalaivani Angamuthu         | 620014,HIGH PRESSURE BOILER PLANT, BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI - 620014. TAMILNADU. INDIA. | 120      | 45            |

#### Led Luminaire (For Flood Light)-IS:10322, IS:16107 ( 40 pieces )

|            |                  |
|------------|------------------|
| Brand Type | Registered Brand |
|------------|------------------|

#### Technical Specifications

\* As per GeM Category Specification

| Specification         | Specification Name   | Bid Requirement (Allowed Values)                                       |
|-----------------------|--|--|
| STANDARDS             | <b>LED Rating/System Wattage/Rated Power</b>                               | 70W  |
|                       | <b>Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest</b> | IP66, IP67   |
|                       | <b>Warranty for free replacement (in Years)</b>                            | 2, 5, 3, 4   |
| ELECTRICAL EFFICIENCY | <b>Input operating Voltage range and frequency</b>                         | 140 to 270 V olts AC at 50 Hz +/-2 Hz with auto cutt off at below 120V |
|                       | <b>Rated voltage</b>   | 230 V AC 50 Hz   |
|                       | <b>Total Harmonics Distortion (in %age)</b>                                | ≤ 10   |

| Specification              | Specification Name  | Bid Requirement (Allowed Values)  |
|----------------------------|---|---|
| OPTICAL                    | Colour temperature (+/- 500K)   | 6000K   |
|                            | Working life for LED (Minimum 50,000 burning hours as per LM-80 report)                                   | Yes   |
|                            | Colour Rendering Index(CRI)   | ≥70   |
| THERMAL MANAGEMENT         | Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively | Yes   |
|                            | Junction temperature  | < 85 degC   |
|                            | Operating temperature range   | -20 deg C to +50 deg C, -10 deg C to +50 deg C, -10 deg C to +55 deg C  |
| PROTECTION                 | The luminaire shall be protected against surges and transients ( Internal)                                | >/=5KV, >/=4KV  |
|                            | The luminaire shall be protected against surges and transients of >/=10KV (External)                      | Yes   |
| CONSTRUCTIONAL             | Number of electronic control gear (power supplies)  | 1 No.   |
|                            | Length of ISI marked three core wire (shall be provided along with supply of material)                    | 100 cm  |
| REPORTS AND CERTIFICATIONS | LED Make  | OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND |

#### Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address  | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1     | Kalaivani Angamuthu         | 620014,HIGH PRESSURE BOILER PLANT, BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI - 620014. TAMILNADU. INDIA. | 40       | 45            |

Buyer added Bid Specific Additional Scope of Work

| S.No. | Document Title               | Description | Applicable i.r.o. Items   |
|-------|------------------------------|-------------|---|
| 1     | NOTE<br><a href="#">View</a> | NOTE        | LED Luminaire (Recessed Luminaire) Rev 1(120),Led Luminaire (For Flood Light)- IS:10322, IS:16107(40) |

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

## Buyer Added Bid Specific Terms and Conditions

### 1. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address MANAGER / STORES WARD 16 BHARAT HEAVY ELECTRICALS LIMITED THIRUVERUMBUR TIRUCHIRAPPALLI PINCODE 620014.

### 2. Inspection

**Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:

Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): NA

Post Receipt Inspection at consignee site before acceptance of stores: BHEL ENGINEERS AT BHEL TRICHY

### 3. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

### 4. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

### 5. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

#### NOTE:

#### Led Luminaire (recessed Luminaire) Rev 1

- Colour rendering index  $\geq 80$
- THD of current  $< 15\%$
- Ingress protection code: IP 20
- Make & Model: The make, model number, country of origin and technical characteristics (including LM-79,

LM-80 and TM-21 report from NABL or equivalent accredited lab) of white LEDs used in the lighting system must be furnished.

5. Make of LED package: Philips, Lumileds, Cree, Nichia, OSRAM, Bridgelux, Sharp, Toshiba, LG, GE

**Led Luminaire (for Flood Light)-is:10322, Is:16107**

1. Lamp housing and frame: Die cast Aluminium, epoxy powder coated, with cable gland for cable entry, suitable for outdoor use.
2. Mounting: Wall or surface mounting (outdoor use) by adjustable powder coated MS cradle of  $\geq 4$  mm thickness. All fasteners shall be SS.
3. LED Driver: Light output from the light source must be constant throughout its duty cycle. Replaceable type.
4. Overall lamp efficacy  $\geq 100$  lumen per watt (not LED alone)
5. Make & Model: The make, model number, country of origin and technical characteristics (including LM-79, LM-80 and TM-21 report from NABL or equivalent accredited lab) of white LEDs used in the lighting system must be furnished.

**Buyer Added Additional Terms and Conditions**

1. This tender is floated on OPEN tender basis.

2. Payment terms for Non-MSE supplier: Within 60 days after receipt and acceptance of material (i.e 60 days after CRAC).

3. Payment terms for MSE Suppliers: Within 45 days after receipt and acceptance of material (i.e 45 days after CRAC) as per MSED Act 2006. To avail MSE benefit, the supplier shall apply for MSE preference in GeM Portal and to upload valid documents like **Udyam Registration Certificate** in proof of MSE.

4. Supplier to upload duly filled, signed and stamped Annexure-B uploaded in Buyer added Bid Specific Additional Scope of Work.

5. The tax invoice should specify 'Original for Recipient'(or) 'Duplicate for Transporter' (on top right corner) depending the type.

6. The HSN / SAC code for all the items are to be mentioned in the Tax invoice

7. Type of GST (IGST / CGST + SGST) and GST Rate (i.e. %) to be clearly indicated in the tax invoice.

8. The Tax invoice should contain Name, Address and GST registration number of both supplier and Recipient.

9. The following documents are to be sent along with consignment to store: One Duplicate for Transporter copy of tax invoice + one extra copy of tax invoice + Delivery challan + LR COPY/E-Way bill are to be sent.

10. Seller Tax invoice, LR copy / E-Way bill/Courier docket etc. are to be uploaded in GeM portal while updating dispatch details in GeM portal.

11. In case the seller Tax invoice uploaded in the GeM portal is not digitally signed, the following documents are to be sent to the Buyer in original for Payment Processing: Original for Recipient copy of tax invoice + Duplicate for Transporter copy of Tax invoice + LR copy / E-Way bill.

#### 6. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

## **Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---Thank You---**