

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 07-01-2022 12:00:00 |
| Bid Opening Date/Time | 07-01-2022 12:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 75 (Days) |
| Ministry/State Name | Ministry Of Heavy Industries And Public Enterprises |
| Department Name | Department Of Heavy Industry |
| Organisation Name | Bharat Heavy Electricals Limited (bhel) |
| Office Name | 10140027-hbbp Trichy |
| Total Quantity | 15 |
| Item Category | Camera for CCTV System (Q2) () |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Bid to RA enabled | Yes |
| RA Qualification Rule | 50% Lowest Priced Technically Qualified Bidders |
| Time allowed for Technical Clarifications during technical evaluation | 2 Days |
| Payment Timelines | Payments shall be made to the Seller within 60 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) |
| Evaluation Method | Total value wise evaluation |

EMD Detail

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

ePBG Detail

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

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. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

Camera For CCTV System (15 pieces)

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

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|---------------|---|---|
| IMAGE SENSOR | Image Sensor Type | CMOS |
| | Image Sensor Size | 1, 0.67, 0.5, 0.34, 0.357, 0.37, 0.4, 0.333, 0.555, 0.526, 0.588, 0.544 Or higher |
| | Camera Image Sensing capacity (Picture Mode) | 2MP |
| | Resolution | 1080P (1920 x 1080), Full HD (1920 x 1080 Pixel), HD (1280 x 720 Pixel) |
| | Day/Night Capable | Yes |
| | IR illumination Range(mtr) | 20 |
| CAMERA TYPE | Type of Camera Housing | BULLET CAMERA |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|-------------------|---|---|
| | IP Camera | No |
| | PTZ Camera | No |
| OPTICS | Lens Type | Fixed |
| | Focal Length(mm) | 3.6 - 9, 3 - 10, 3.3 - 12, 2.8 - 12, 6 - 22, 5-50, 2.8, 3.6, 6, 8, 12, 4.3 - 129, 4.5 - 162, 5 - 125, 7 -22, 5.7-205, 5.7-205.2, 4.8-153, 3.4-9, 3.4-10, 2.7-13.55, 3.6 -10, 4.7-47, 13-55, 6-22, 1.65, 3.8-16, 11-40, 3-10.5, 5-50, 7.5-50, 11.46, 3.6-10, 4-6 |
| | Iris Control | Yes |
| | Focus Mode | One Push, Manual |
| VIDEO | Frame Rate (fps) | 25, 20 |
| | Video Compression | H.264 |
| | Video Streaming | Dual compressed stream |
| PAN / TILT / ZOOM | Pan Speed (deg/sec) | NA |
| | Tilt Range below horizontal (deg) | NA |
| | Tilt Range above horizontal (deg) | NA |
| | Tilt Speed (deg/sec) | NA |
| | Optical Zoom | NA |
| | Digital Zoom | 16X |
| AUDIO | Audio Support | No |
| | Audio Compression | NA |
| | Audio Streaming | NA |
| | Number of Audio Input Channel | NA |
| | Number of Audio Output Channel | NA |
| | External Microphone Support | No |
| ALARM | Alarm Support | No |
| | Number of Alarm Digital Input | NA |
| | Number of Alarm Relay Output | NA |
| | Pre/Post Alarm Buffer | No |
| SECURITY | IP Address Filtering | No |
| PERFORMANCE | Minimum Illumination for Capturing Color Image | 0.01, 0.005, 0.008, 0.002, 0.001 Or lower |
| | Electronic Shutter Speed(sec) | 1/25 to 1/50000 |
| | WDR (Wide Dynamic Range) | DWDR |
| | SNR (Signal to Noise Ratio) | 50-60 |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|-------------------------------|--|--|
| | Auto Exposure | Auto Level Control, Electronic Level Control |
| FEATURES | ONVIF Support | Yes |
| | Privacy Zones | 4 |
| NETWORK AND INTERFACE | Supported Protocols | NA |
| | IP Support | NA |
| | Wireless | No |
| STORAGE | On Board SD Card Support | No |
| | SD Card Memory(GB) | NA |
| HOUSING | Installation Type | Indoor, Outdoor |
| | Material of the Housing construction | Plastic |
| | Protection | IP67 |
| | Vandal Resistant Housing | No |
| | Mounting bracket | Wall Mounted |
| POWER SUPPLY | Power Input | 12 V DC |
| OPERATING CONDITIONS | Operating Temperature Range | -20 to +50 deg C |
| WARRANTY / SERVICES | Warranty | 2, 3, 4, 5 Or higher |
| | Time for Replacement of Defective Product During Warranty Period | 12, 24, 36, 48, 72 Or lower |
| | Supply of Compatible drivers and software included | No |
| ENVIRONMENTAL / CERTIFICATION | Availability of facility & infrastructure for verification of all parameters, features, and capability with Seller | No |
| | Availability of facility to test signal to noise ratio of camera at 0-01 lux | No |
| | Conformity to Dry Heat test at 55 degree C for 16 hours as per IS :9000 latest | Yes |
| | Conformity to Damp heat at 40 degree C - 95% RH (cyclic test): two cycles of 16+8 hours as per IS: 9000 latest | Yes |
| | Conformity to Cold test at -10 / -20 degree C for 4 hours as per IS: 9000 latest, as applicable | Yes |
| | BIS Registration for safety general requirements as per IS 13252 (Part 1):latest | Yes |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|---------------|---|----------------------------------|
| | Availability of Type Test Report from Central Govt /NABL/ILAC accredited lab to prove conformity to specification | No |
| | Certification | FCC, CE |

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. | 15 | 60 |

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 12 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

Buyer Added Additional Terms and Conditions

1. This tender is floated on OPEN tender basis.
2. Payment terms for Non-MSE supplier: 60 days after receipt and acceptance of material (i.e 60 days after CRAC).
3. Payment terms for MSE Suppliers: 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---