

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	01-01-2024 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	01-01-2024 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10060010-r&d
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	LED Display System (Q2)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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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. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

LED Display System (1 pieces)

Bis Required	Yes
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Technical Specifications/तकनीकी विशिष्टियाँ

* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Construction and Performance	Type of LED Display System	Outdoor Or higher
	Material of the Cabinet	Mild Steel, Die Cast Aluminium, Carbon Fiber, Magnesium Alloy Or higher

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Aspect Ratio	16:9, 16:10 Or higher
	Maximum Pixel Pitch (mm)	4
	Length of LED Display System (cm)	211 - 220, 221 - 230, 231 - 240, 241 - 250, 251 - 260, 261 - 270, 271 - 280, 281 - 290, 291 - 300, 301 - 310, 311 - 320, 321 - 330, 331 - 340, 341 - 350, 351 - 360, 361 - 370, 371 - 380, 381 - 390, 391 - 400, 190 - 200, 401-500, 201 - 210 Or higher
	Height of LED Display System (cm)	121 - 130, 131 - 140, 141 - 150, 151 - 160, 161 - 170, 171 - 180, 181 - 190, 191 - 200, 201 - 210, 211 - 220, 221 - 230, 231- 240, 241 - 250, 251-300, 285-290 Or higher
	Horizontal Viewing Angle (degree)	160, 170, 178 Or higher
	Vertical Viewing Angle (degree)	160, 170, 178 Or higher
	Optimal Viewing Distance (meter)	>/=2, >/=3, >/=1.2, >/=1.5, >/=2.5, >/=4, >/=6, >/=8, >/=10, >/=50 Or higher
	Refresh Rate (Hz)	3840, 4000 Or higher
	Brightness -Calibrated Minimum (Nits)	5500, 6000, 6300, 6500, 6750, 7000, 7500, 7700 Or higher
	Contrast Ratio	5000:1, 10000 :1 Or higher
	Gray Scale Processing (Bit)	14, 16 Or higher
	Life of Light Source (Hours)	100000 Or higher
	Fanless Design	Yes Or higher
	Availability of Data Power Redundancy	Yes Or higher
	IP Rating (Front)	IP65 Or higher
	IP Rating (Rear)	IP54, IP65 Or higher
	Maintenance	Front, Rear Or higher
	Duty Cycle	24x7 Or higher
	Availability of Smart PDU	Yes, No Or higher
	Maximum Power Consumption (Per Square Meter)	800, 900, 1000, 1100, 1200 Or higher
	Mounting Arrangement	Wall/Pole Or higher
Ports and Connectivity	Number of DVI-I Port	0, 1, 2 Or higher
	Number of DVI-D Input Port	0, 1, 2 Or higher
	Number of VGA Port	0, 1, 2 Or higher
	Number of HDMI Port	1, 2 Or higher
	Number of DP Port	0, 1, 2 Or higher
	Number of USB Port	1, 2 Or higher

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Number of Gigabit Ethernet Port	2 Or higher
	Wireless Connectivity	Yes Or higher
	If Yes, Type of Wi-fi Connectivity	802.11b/g/n, 802.11ac Or higher
Certifications	Certifications Available	UL, CE, FCC, CB, EMC, NA Or higher
	ISO Certifications	Yes
Generic	Standard Accessories to be supplied	User Manual, Power cable from nearest power point, LAN Cable
	Mounting structure (Mild Steel) with protectomastic primer 100 micron with ACP cladding	Yes Or higher
	On Site OEM Warranty (Years)	1

Additional Specification Parameters - LED Display System (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Mounting Arrangement & Structure	Upto 11 feet unipole structure with ACP cliding.Aesthetically designed. Necessary grounding and civil works for strong base, are included in the vendor's scope. Vendor to provide all the required mountings and the mountings should be rust proof for all weathers.
Standard Accessories	HDMI Cables,convertor, MCD/DCB, Power cable, video controller with software as required for successful commissioning, controlling & display of the supplied product. Internal storage to be provided is Minimum 8 gb
Power distribution unit(PDU)	The LED screen being provided shall be provided with suitable OVCD (over voltage cutoff device) to protect the screen from over / under voltage beyond the stated voltage range. Suitable MCBs and SPD(Surge Protection Device) should be provided as per load requirement
Resolution supported	800*600,1024*768,1280*1024,1600*1200,1920*1080
Display management software	Display management software to have capability of changing content as per time scheduling

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परिषदी/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Ambati Sandeep	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	1	28

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1) Pre-Qualification Criteria:

1a) Vendor/ bidder shall submit at least one PO copy which they have obtained for outdoor LED display system in the last 5 years from the date of enquiry.

1b) Relaxation of Norms for Startups: The condition of Prior Turnover and prior experience is relaxed for all startups whether Micro & Small Enterprises(MSEs) or otherwise subject to meeting of quality and technical specifications in accordance with the relevant provision of GFR,2005 and other DOE-PPD notifications for relaxation norms for startups issued from time to time.

2) Payment term: 100% Basic value will be paid within the stipulated days as mentioned below from the date of receipt, acceptance and Successful completion of I&C of System at BHEL R&D, Hyderabad and submission of Performance Bank Guarantee (PBG) by supplier in the prescribed format.

Type of bidder : A. For Micro & Small enterprises(MSEs) payment will be made within 45 days

B. For Medium Enterprises will be made within 60 days

C. Non MSMEs will be made within 90 days

However, GST Portion of Invoice shall be released only upon:

i) Vendor declaring the Invoice in their GSTR-1.

ii) Receipt of Goods and Tax Invoice by BHEL. i

ii) Confirmation of Payment of GST thereon by vendor on GSTN

3) Restriction: Submit the Annexure - A which is attached in ATC document.

4) Delivery Period: Vendor has to complete supply, erection and commissioning and demonstration as per the scope of work within 04 weeks from date of contract.

5) Vendor has to submit this GeM bid document duly signed and stamped on all pages. By submitting signed GeM bid document it affirms that vendor has accepted to all the terms and conditions mentioned in this bid such as Specifications, Payment terms, delivery period etc.

6) Transportation/Insurance, loading/unloading from vendor works to BHEL R&D Hyderabad will be in vendor's scope only. Vendor has to quote price(s) inclusive of GST, Transportation/Insurance, Loading/Unloading charges, Installation & Commissioning Charges, Civil works, demonstration etc.

7) Breach of contract, Remedies and Termination : In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is at least 10% of the contract value, the same be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies be pursued. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per

provisions of the contract.

8) Performance Bank Guarantee: PBG for 10% of total order value is to be submitted by the successful vendor within 15 days from the date of completion of entire scope and shall be kept valid upto guarantee period with additional claim period of 3 months there after. The offers of the suppliers not accepting to this clause will be rejected. The PBG confirmation charges shall be borne by vendor (Format Enclosed)

Note: Pro-forma of Performance Bank Guarantee is attached in Page 2 to 5 of Buyer uploaded ATC document.

9) Interest for delayed submission of performance security (PBG): PBG of 10% of total order value is to be submitted by the successful vendor within 15 days from the date of completion of entire scope. Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest (Repo rate + 4%) for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered as per terms defined in NIT/contract, from the bills along with due interest.

10) Make / Model : To be quoted by bidder along with technical documents / catalog / details of the offered Digital LED Screen along with Technical bid.

11) Installation and Commissioning :

a) Any Additional components required during installation, Erection of Digital Board is under the scope of Bidder. BHEL will not pay any additional amount apart from PO value.

b) Civil Works Involved during the Erection of Boards is under the scope of bidder.

c) Outdoor LED display system should be installed at location as per the BHEL Corp.R&D end user dept. .

d) Boarding charges to be borne by the bidders during erection and commissioning visit.

e) The tools, tackles, consumables, manpower required for supply and installation work has to be arranged by the vendor.

f) Vendor may visit the site before submission of quote to understand the requirements and site conditions.

g) Supplier should provide training on operation and maintenance of the outdoor LED display system to BHEL designated personnel after commissioning of the equipment.

h) Final Acceptance: BHEL personnel will provide final acceptance after successful completion of Installation, Commissioning, and demonstration of the functioning of the LED Screens at BHEL R & D

i) The system should be completely installed in all the respect (including frame/casing and controlled/media player/provisioning of AUX for playing audio through speaker to be available , display of images etc.)

12) Breakdown : Supplier has to attend the breakdown problem within 72 hrs of BHEL intimation during warranty period.

2. Buyer Added Bid Specific ATC

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

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby 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 specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.

2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, 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/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

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./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद

पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---