



Bid Number/बोली क्रमांक (बिड संख्या):

GEM/2024/B/5584866

Dated/दिनांक : 09-11-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-11-2024 13:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-11-2024 13:30:00
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	10090001-edn Bangalore
Total Quantity/कुल मात्रा	40
Item Category/मद केटेगरी	TEMPERATURE SURVEILLANCE UNIT (BHEL Material code: SA0653941021)
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Temperature surveillance unit for rectifier transformer without thermistors
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none">• Temperature calibrator• Temperature sensor• Temperature Controller
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	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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No

Bid Details/बिड विवरण	
ITC available to buyer/क्रिेता के लिए उपलब्ध आईटीसी	Yes
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
Payment Timelines	Payments shall be made to the Seller within 90 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/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
-------------------	----

ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
-------------------	----

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
--	----

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
---	-----

1. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE 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. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

TEMPERATURE SURVEILLANCE UNIT (BHEL Material Code: SA0653941021) (40 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
---	--------------------------

Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/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	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	40	30

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

1. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

2. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to

increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

3. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

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. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

6. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

A. PRE-QUALIFICATION REQUIREMENT (PQR)

Bidder should submit documentary evidence for PQC, for evaluating the eligibility of Bidder as per **Buyer s pecification document** in this bid.

B. Payment Timelines:

Type of Bidder	Payment Terms (Number of days)
Micro & Small Enterprises (MSEs)	45 days from CRAC date
Medium Enterprises	60 days from CRAC date
Non MSME	90 days from CRAC date

C. Contact Details:

Engineering Dept.	Tender Dept.
Ms. Patrali/ Manager	Mr. Dinesh Kumar Bhagat/ Manager
e-mail: patrali@bhel.in	e-mail: dkbhagat@bhel.in
Tel: 080 26989070	Tel: 080 26998108

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. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

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. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
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.


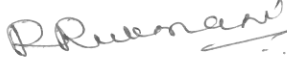

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 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---

		 A4 - 10	PRE-QUALIFICATION CRITERIA FOR TEMPERATURE SURVEILLANCE UNIT	PQC:408-0016													
				REV. NO. 00													
				Page 1 of 1													
COPY RIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.		<table border="1"> <thead> <tr> <th data-bbox="395 474 523 584">Sl. No.</th><th data-bbox="523 474 1013 584">CRITERIA</th><th data-bbox="1013 474 1361 584">DOCUMENT REQUIRED</th></tr> </thead> <tbody> <tr> <td data-bbox="395 584 523 730">1.</td><td data-bbox="523 584 1013 730">The bidder should be a manufacturer/supplier of "Temperature Surveillance Unit".</td><td data-bbox="1013 584 1361 730">Self-certification for OEM/ OEM Certification for dealers.</td></tr> <tr> <td data-bbox="395 730 523 1077">2.</td><td data-bbox="523 730 1013 1077">The bidder shall have valid test certificate complying with relevant standard mentioned in the technical specification PS/408/2083 clause no. 11 of 2 on the date of submission of offer against the tender OR should have supplied the item to BHEL against an earlier purchase order.</td><td data-bbox="1013 730 1361 1077">Test certificates for similar item may be submitted.</td></tr> <tr> <td data-bbox="395 1077 523 1424">3.</td><td data-bbox="523 1077 1013 1424">The bidder shall submit the documents indicated for "Temperature Surveillance Unit" or should have supplied the item to BHEL against an earlier purchase order.</td><td data-bbox="1013 1077 1361 1424"> a) At least one end user performance certificate from a power plant. b) Reference list of customers. c) Purchase order copies along with invoice and delivery challan. </td></tr> <tr> <td data-bbox="395 1424 523 1648">4.</td><td data-bbox="523 1424 1013 1648">On receipt at purchaser's works, if it is observed that the item requires rework / rectification, supplier shall arrange for the same at EDN works, Bangalore within 6 working days.</td><td data-bbox="1013 1424 1361 1648">Conformance for complying.</td></tr> </tbody> </table>	Sl. No.	CRITERIA	DOCUMENT REQUIRED	1.	The bidder should be a manufacturer/supplier of "Temperature Surveillance Unit".	Self-certification for OEM/ OEM Certification for dealers.	2.	The bidder shall have valid test certificate complying with relevant standard mentioned in the technical specification PS/408/2083 clause no. 11 of 2 on the date of submission of offer against the tender OR should have supplied the item to BHEL against an earlier purchase order.	Test certificates for similar item may be submitted.	3.	The bidder shall submit the documents indicated for "Temperature Surveillance Unit" or should have supplied the item to BHEL against an earlier purchase order.	a) At least one end user performance certificate from a power plant. b) Reference list of customers. c) Purchase order copies along with invoice and delivery challan.	4.	On receipt at purchaser's works, if it is observed that the item requires rework / rectification, supplier shall arrange for the same at EDN works, Bangalore within 6 working days.	Conformance for complying.
Sl. No.	CRITERIA	DOCUMENT REQUIRED															
1.	The bidder should be a manufacturer/supplier of "Temperature Surveillance Unit".	Self-certification for OEM/ OEM Certification for dealers.															
2.	The bidder shall have valid test certificate complying with relevant standard mentioned in the technical specification PS/408/2083 clause no. 11 of 2 on the date of submission of offer against the tender OR should have supplied the item to BHEL against an earlier purchase order.	Test certificates for similar item may be submitted.															
3.	The bidder shall submit the documents indicated for "Temperature Surveillance Unit" or should have supplied the item to BHEL against an earlier purchase order.	a) At least one end user performance certificate from a power plant. b) Reference list of customers. c) Purchase order copies along with invoice and delivery challan.															
4.	On receipt at purchaser's works, if it is observed that the item requires rework / rectification, supplier shall arrange for the same at EDN works, Bangalore within 6 working days.	Conformance for complying.															
REV 00	APPROVED  R.RUKMANI																
	PREPARED  SRIDEEP RAJENDREN	ISSUED 408															
		DATE 05/04/2021															

MATERIAL SPECIFICATION: TEMPERATURE SURVEILLANCE UNIT

MATERIAL CODE: SA0653941021

TEMPERATURE SURVEILLANCE UNIT FOR RECTIFIER

TRANSFORMER WITHOUT THERMISTORS PART NOS. APR-103 OR TPR-404

SUPPLY VOLTAGE: 220V, 1PH, 50HZ, AC

TEMPERATURE SENSORS: PTC


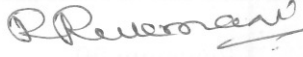



WARNING OR ALARM TEMPERATURE: 160 DEG C

TRIPPING TEMPERATURE: 180 DEG CELSIUS

FAN 'ON' TEMPERATURE: 130 DEG CELSIUS

FAN 'OFF' TEMPERATURE: 110 DEG CELSIUS

PROJECTION MOUNTING DOCS TO BE SUBMITTED WITH OFFER WITH COMPLETE CATALOGUE &
ELEC CIRCUIT DRG. AS PER PS4082083

			<u>Purchase Specification</u>		PS / 408 / 2083 REV: 00 Page: 01 of 04	
		A4-10				
Copy Right And Confidential The Information On This Document Is The Property Of Bharat Heavy Electricals Limited. It Must Not Be Used Directly Or Indirectly In Any Way Detrimental To The Interest Of The Company.		<div style="text-align: center;"> PURCHASE SPECIFICATION FOR TEMPERATURE SURVEILLANCE UNIT </div>				
		Revision: 00	<div style="text-align: right;">  Reviewed by: R. Rukmani </div> <table border="1" style="width: 100%;"> <tr> <td data-bbox="802 1859 997 2038"> Prepared by  Srideep Rajendren </td> <td data-bbox="997 1859 1305 2038"> Issued by CE-Engg. (GCE) - 408 </td> <td data-bbox="1305 1859 1513 2038"> Date 05/04/2021 </td> </tr> </table>		Prepared by  Srideep Rajendren	Issued by CE-Engg. (GCE) - 408
Prepared by  Srideep Rajendren	Issued by CE-Engg. (GCE) - 408	Date 05/04/2021				



A4-11

Purchase Specification

PS / 408 / 2083

REV: 00

Page: 03 of 04

Copy Right And Confidential
The Information On This Document Is The Property Of Bharat Heavy Electricals Limited. It Must Not Be
Used Directly Or Indirectly In Any Way Detrimental To The Interest Of The Company.

Sl. No.	DESCRIPTION	Compliance
4.	Relay Output – Potential Free Contact, (1) Alarm: 1no (2) Trip: 1no (3) Fan ON & OFF *: 1no (4) Contact for power supply availability	
5.	Mounting: Projection / DIN Rail 35mm	
6.	Power Supply (Voltage levels): 220VAC +10%, -15%, 1PH, 50Hz	
7.	Insulation level: 2.5KV, 50Hz FOR 1 MIN. Applied between (a)Auxiliary contact & (sensors + power terminals shorted together) (b)Power terminals & (sensors + relay terminals, shorted together) (c)Sensor terminals & (power + relay terminals, shorted together)	
8.	Auxiliary Contact: 1Changeover Contact each for : Alarm, Trip, Fan ON & OFF, Power supply is available Resistive load: 0.6A @125VDC Inductive load: 0.3A @ 125VDC	
9.	Protection: IP20	
10.	Ambient temperature: Shall include 0 deg C +60 deg C	
11.	Type Tests (1) Interference Immunity as per IEC 61000-6-2 (2) Electrostatic discharge as per IEC 61000-4-2 (3) Electrical fast transient/burst as per IEC 61000-4-4 (4) Surge as per IEC 61000-4-5	
12.	Resistance value of thermistor at which Alarm/Trip/Fan ON & OFF is detected	1200Ω to 1600 Ω
13.	Resistance value of thermistor at which Alarm/Trip/Fan ON & OFF is reset	400Ω to 650Ω


Note:

*When temperature is more than 110 deg C, Fan ON & OFF relay is switched ON and when temperature is below 90 deg C, Fan ON & OFF relay is switched OFF.

3.0 SUPPLIER DOCUMENT REQUIREMENT SCHEDULE**3.1 BIDDING STAGE**

Supplier shall provide the following information along with the offer. Bids without detailed and point wise compliance statement / documents required, will not be considered for further processing.

- Compliance to this specification and material description in the Request For Quotation / Purchase Order. List of deviations, if any, clause number-wise with reasons thereof, wherever applicable shall be clearly brought out.
- Technical datasheets, dimensional drawing, Mounting arrangement, wiring diagram.
- Type test & Routine test reports of similar item as mentioned in the clause no. 11 of 2 (specification) and also as per 5.1.** Type test and Routine test reports are not required, if the item has already been supplied to BHEL against an earlier purchase order.)

		 A4-11	<div>Purchase Specification</div>	<div>PS / 408 / 2083</div> <div>REV: 00</div> <div>Page: 04 of 04</div>
<div>Copy Right And Confidential</div> <div>The Information On This Document Is The Property Of Bharat Heavy Electricals Limited. It Must Not Be Used Directly Or Indirectly In Any Way Detrimental To The Interest Of The Company.</div>		<div>5.0 TESTS TO BE CONDUCTED:</div> <div>5.1 Routine tests (conducted on every batch / item & reports to be submitted before dispatch for dispatch clearance)</div> <div>Routine tests shall be conducted as per IS/IEC/Equivalent standard/ Manufacturer's Standard.</div> <div>1. Insulation/Dielectric Withstand Test</div> <div>2. Functional test – Actuation of relay <div>a. Based on variation in input resistance</div> <div>b. On Switching ON.</div> </div> <div>3. Operation on Auxiliary Supply variation. (voltages indicated in Sl.No.6 of Table under Clause no.2)</div> <div>6.0 PACKING</div> <div>The item shall be properly packed to ensure that there are no damages / dislocation of parts during transit.</div> <div>7.0 ACCEPTANCE CRITERIA</div> <div>1. Verification of routine test reports submitted.</div> <div>2. On receipt of item at BHEL-EDN acceptance will be by quality services of purchaser, verifying the conformance of item to this purchase specification and Inspection of item as per specification / drawings / documents at purchaser's works.</div>		