

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	08-04-2024 13:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	08-04-2024 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	252
Item Category/मद केटेगरी	CT RESN CAST, BAR PRI RNG TYP: 2000A/500MA (BHEI Material Code: SA0653122209) (Q3)
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
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
ITC available to buyer/क्रिता 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

Bid Details/बिड विवरण	
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

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	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .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.

2. 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.

**CT RESN CAST, BAR PRI RNG TYP: 2000A/500MA (BHEI Material Code: SA0653122209)
(252 pieces)**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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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	252	45

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.
Mr. Lalit Chandra/ Manager	Mr. Dinesh Kumar Bhagat/ Manager
e-mail: lalit.chandra@bhel.in	e-mail: dkbhagat@bhel.in
Tel: 080 26998113	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. 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:-


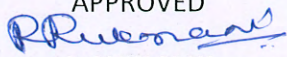
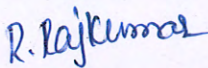
1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
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---


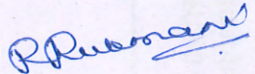
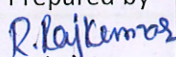
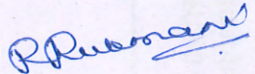
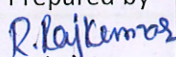
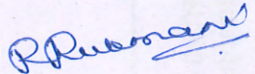
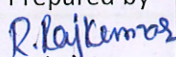
		 भारत भारती BHEL A4 - 10	PRE-QUALIFICATION CRITERIA FOR SIGNAL CONDITIONING CURRENT TRANSFORMER FOR CMU		PQC:408-0018	
					REV. NO. 00	
					Page 1 of 1	
COPY RIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.						
			Sl. No.	CRITERIA	DOCUMENT REQUIRED	
			1.	The bidder should be a manufacturer/supplier of "LV Current transformer" in rectangular shape.	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/408/064 , Clause 16 of 3.0 (Technical specification) on the date of submission of offer against the tender.	Test certificates for similar item may be submitted.	
			3.	The bidder shall submit the documents indicated for "LV Current transformer in rectangular shape" 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 for 2 years satisfactory operation. 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  RAJKUMAR RANGU	ISSUED 408	DATE 09/04/2021		


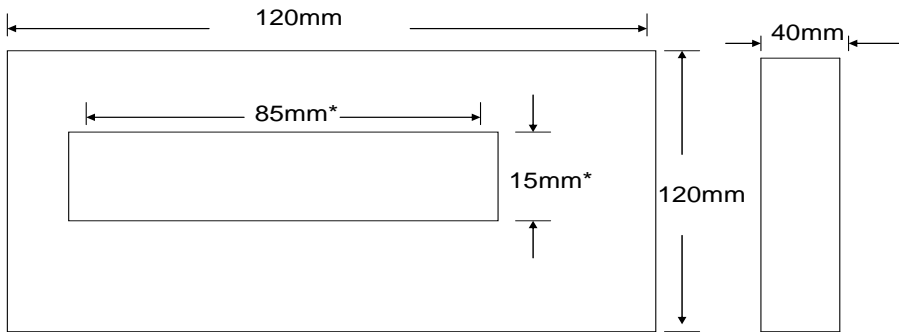
Technical specification

CT RESN CAST,BAR PRI RNG TYP:2000A/500MA: SA0653122209

SIGNAL CONDITIONING
CURRENT TRANSFORMER
FOR CMU. SINGLE CORE
BAR PRIMARY RING TYPE
CT. RESIN CAST
CT RATIO:2000A/500MA
WITH +/- 10% TOLERANCE
BURDEN:
5VA (W.R.TO 4000A/1A)
LOAD RESISTANCE: 5 R
INSULATION CLASS: B
INSULATION LEVEL:
3 KV 50 HZ PER 1 MIN
HIGHEST SYSTEM
VOLTAGE: 1.1 KV
REF STD: IS2705
Refer PS-408-064 for
application only.


Overall dimension of CT : 140mm x 140mm
Dimension for busbar entry : 85 mm X 15mm
Mounting plate dimension : 82mm x 100mm

			<u>Purchase Specification</u>		PS / 408 /064						
					REV: 02						
					Page: 01 of 04						
<p style="text-align: center;">Copy Right And Confidential</p> <p style="text-align: center;">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.</p>		<p>PURCHASE SPECIFICATION FOR SIGNAL CONDITIONING CURRENT TRANSFORMER (FOR CONDUCTION MONITORING UNIT)</p>									
				Revision: 02		<table border="1"> <tr> <td colspan="3" data-bbox="869 1608 1498 1720"> Reviewed by: R.Rukmani  </td> </tr> <tr> <td data-bbox="869 1720 1054 1897"> Prepared by  Rajkumar Rangu </td> <td data-bbox="1054 1720 1318 1897"> Issued by CE-Engg.(GCE) - 408 </td> <td data-bbox="1318 1720 1498 1897"> Date 09/04/2021 </td> </tr> </table>		Reviewed by: R.Rukmani 			Prepared by  Rajkumar Rangu
Reviewed by: R.Rukmani 											
Prepared by  Rajkumar Rangu	Issued by CE-Engg.(GCE) - 408	Date 09/04/2021									

		<div><div><div>बि एच ई लि</div><div></div></div></div>	<div>Purchase Specification</div>	<div>PS / 408 / 064</div> <div>REV: 02</div> <div>Page: 02 of 04</div>
		<div>1.0 APPLICATION:</div> <p>This signal conditioning current transformer is required for conduction monitoring of thyristor converters. It senses the flow of current through individual thyristors in the 3 phase full wave Thyristor Bridge by measuring the current flowing during conduction. The current waveform is a square wave in one direction for one third of a cycle. The CT's are mounted on the busbar of the positive and negative branch of the Thyristor Bridge (one no. each arm) and can be mounted directly on the busbar with a mounting plate.</p> <div>2.0 SPECIFICATION:</div> <div>a. Electrical:</div> <p>The design to be considered such that the CT secondary current start saturating beyond 500mA. However, CT rating to be designed for two times the rated current (i.e. in RFQ/PO if rated CT ratio is 1200A/500mA, then CT shall be designed for 2400A/1A). The CT shall be bar primary rectangular type. The percentage error of the current ratio shall be $\pm 10\%$. Linearity is to be ensured at low currents i.e. from primary current about 50A. The secondary leads are to be brought out with a 4 meters screen cable (colour coded for polarity). The entire CT is to be casted in resin along with the terminal lead connection to the secondary winding.</p> <div>b. Mechanical Dimensions:</div> <p>As these CT's are to be mounted on the thyristor connecting busbars specific dimensions are to be maintained due to space limitations.</p> <div></div> <div><div><div>▪ * :Tolerance $\pm 2\text{mm}$</div><div>▪ All other dimensions shall have $\pm 5\text{mm}$ Tolerance</div><div>▪ CTs shall be provided with necessary clamping / fixing arrangement for direct mounting on Busbars.</div></div></div>		

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		<div><div><div>बि. एच. ई. लि.</div><div></div></div></div>	<div>Purchase Specification</div>	PS / 408 / 064
				REV: 02
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	Sl. No.	Description	Compliance
		Technical data	
	1.	Single core, bar primary, rectangular type & resin cast	
	2.	Current transformer Ratio (for rated): As per RFQ / PO	
	3.	Current transformer Frequency : 50 HZ	
	4.	Burden : As per RFQ / PO	
	5.	Load resistance: 5 ohms	
	6.	Insulation class: B	
	7.	Insulation level: 3 KV 50 HZ per 1 min.	
	8.	Highest system voltage: 1.1 KV	
	9.	Connecting cable: 2 core 0.75 sq.mm. screened color coded (Red & Black) cable with 1100V grade, FRLS PVC sheathed of reputed make. If terminals shall be identified as S1 (Red) & S2 (Black).	
	10.	Connecting cable length: approximate 4 meters	
	11.	Dimension of window [ref. clause 2.0 b]: 85mm (w) X 15mm (H) with Tolerance ±2mm	
	12.	Overall dimension [Ref clause 2.0 b] : 120mm (W) X120mm (H) X 40mm (D) with Tolerance ±5mm. However for 1600A/500mA & 2000A/500mA CT's, overall dimension [Ref clause 2.0 b] can be acceptable up to 140mm (W) X140mm (H) X 40mm (D) with Tolerance ±5mm.	
	13.	Reference standard : IS2705 / Equivalent IEC standard	
	14.	CT mounting plate as per drawing no. 46532111266 to be supplied as a loose item for each CT.	
	15.	Dimensional drawing to be enclosed	
	16.	Type tests as per IS 2705 / Equivalent IEC standard for similar rating CT i) Temperature rise test ii) Short time current test	

<div>4.0 SUPPLIER DOCUMENT REQUIREMENT SCHEDULE</div> <div>4.1 BIDDING STAGE</div> <div>Supplier shall provide the following information along with the offer. <u>Bids without detailed and point wise compliance statement / documents required, will not be considered for further processing.</u></div> <div>i) 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.</div>			
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