

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	05-10-2023 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	05-10-2023 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	10090001-edn Bangalore
Total Quantity/कुल मात्रा	51
Item Category/मद केटेगरी	DIODE 'O' RING FOR PARALLELING 2 SMPS (BHEL Material code: HC0521325268) (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), Additional Doc 2 (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/क्रेता 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

ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता

No

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

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता

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. 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.

DIODE 'O' RING FOR PARALLELING 2 SMPS (BHEL Material Code: HC0521325268) (51 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	51	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

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.

3. 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.

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. Risk Purchase - In case of failure of supplier, BHEL at its discretion may make purchase of the material s/ services not supplied/ rendered in time at the RISK & COST of the supplier. Under such situation, the supplier who fails to supply the goods in time shall be wholly liable to make good to BHEL any loss due to risk purchase. In case of invocation of risk purchase, BHEL shall get Balance work/ supply done at supplier risk and cost, which shall be recovered from supplier out of dues of this contract, any other contract with BHEL and balance amount, if any shall be required to be deposited by supplier.

D. Contact Details:

Engineering Dept.	Tender Dept.
Ms. SREELAKSHMI B/ Sr. Manager	Mr. Dinesh Kumar Bhagat/ Manager
e-mail: sreelakshmib@bhel.in	e-mail: dkbhagat@bhel.in
Tel: 080 26998508	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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

Pre-Qualification Criteria for Diode Oring Module

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Manufacturer Authorization Form (MAF): The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> ● Self-Certification in the case of a bidder is OEM. ● MAF from OEM in case the bidder is a dealer, distributor, or partner 	
2.	IMPORTED PRODUCTS: In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	Performance Criteria: The Bidder shall provide a performance certificate from the end user of the same model quoted or should have supplied the item as per BHEL specification against an earlier Purchase order.	a. Performance certificate from end user to be provided b. PO copy along with Invoice and delivery challan OR Purchase order copies along with invoices and delivery challans of similar Diode Oring Module supplied to BHEL against earlier purchase order.	
4.	Test Report: The bidder or OEM must possess the following Valid Certificates or Test Reports on the date of bid opening (to be uploaded with the bid): 1.ESD Immunity: EN61000-4-2, level 3 perf criteria B 2.EFT/Burst: EN61000-4-4, level 3 perf criteria A	Test Reports and valid Test Certificates OR Purchase order copies along with invoices and delivery challans of similar diode Oring module supplied to BHEL against earlier purchase order.	

	3.Surge: EN61000-4-5, Level 3 perf criteria B		
5.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.	OEM declaration for the same	
6.	Service and Support: The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered model and shall be in a position to provide prompt after-sales services and spares support, if required.	Declaration for the same to be provided.	

BHEL Material code: HC0521325268

MATERIAL SPECIFICATION:

DIODE 'O' RING FOR PARALLELING 2 SMPS

DIODE 'O' RING MODULE FOR PARALLELING 2 NUMBERS OF 24VDC, 20AMPS SMPS FOR REDUNDANCY PURPOSE. THE OUPUT CAPACITY FROM DIODE ORING UNIT WHEN BOTH INPUTS ARE HEALTHY OR ONE INPUT IS HEALTHY (AVAILABLE) SHALL BE 20AMPS. CATALOGUE REQUIRED.



EDN, Bangalore

Specification for DIODE ORING MODULE

HC0521325268

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SCOPE:

This specification covers the technical requirements for Diode ORing Module.

TECHNICAL DETAIL:

The power supply unit shall meet the following minimum requirements.

- 1) Input: Two no. of 24VDC, 20A Switched Mode Power Supply Units. The module shall be suitable for paralleling of 2no. SMPS Modules for redundancy purpose.
- 2) Output: 24 VDC, 20A. The output capacity from diode Oring unit when both inputs are healthy or one input is healthy (available) shall be 20A.
- 3) The Diode ORing shall be suitable for mounting on a 35mm DIN rail.
- 4) For all connections including Input/Output/monitoring, suitable provisions shall be provided on the front plate.
- 5) Cable entry shall be from the top/bottom.
- 6) Enclosure: Ventilated, Natural air-cooling when housed in Control cabinet of IP42 protection.
- 7) Operating temperature = 0~55 degC
- 8) Indications: LED indications for Input1, Input2 and Output. Supplier to indicate the details of LED indications in the front of the module offered.
- 9) Inrush current: maximum to twice the continuous rating.
- 10) The Diode ORing module should have batch number/month & year of manufacturing printed on it.
- 11) One no. NC contact for each power supply failure monitoring.

- WIRING DIAGRAM TO BE FURNISHED ALONG WITH OFFER
- Test certificate: Vendor to furnish test certificate
- Guarantee/ Warranty: 18 Month from the date of supply

Revision No.	Date	Prepared BY	
00	21.07.2023	Checked BY	BIR (Sreelekshmi.S)
		Approved BY	

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