

## SUB: Procurement of Conversion Sleeve & Pull Stud

### NIT-Notice Inviting Tender

<b>Salient Details of Notice Inviting Tender (NIT)</b>		
Sl. No.	Issue	Description
1.	Item details	As per Enquiry Annexure: <b><u>L/6434/1/2912D1</u></b>
2.	Issue of Tender Documents	From BHEL eProcurement website <a href="https://eprocurebhel.co.in/nicgep/app">https://eprocurebhel.co.in/nicgep/app</a> (Tender documents will be available for downloading from BHEL e-Procurement website till due date of submission)
3.	Due Date Of Offer Submission	<b>Date: 25.04.2022 Time: 13:45 hrs</b> <b><a href="https://eprocurebhel.co.in/nicgep/app">https://eprocurebhel.co.in/nicgep/app</a></b> <b><i>Offer to be submitted in online only through e-procurement Portal.</i></b> (Bidders are requested to visit website to view corrigendum/ addenda/ amendments/ extension/ modification etc. before submitting offer).
4.	Opening of Tender (Techno-Commercial Bid)	<b>Date: 25.04.2022 Time: 14.00 Hrs</b> <b>Notes:</b> <b><i>This tender being an e-tender, it shall be opened online only through the E-Procurement Portal. Participating bidders may witness the Opening online only.</i></b>
5.	Cost of Tender	Not applicable
6.	EMD (Earnest Money Deposit)	Nil
7.	Schedule Of Pre-Bid Discussion	Not Applicable
8.	Last Date of Seeking Clarification	<b>Date: 23.04.2022 Time:17.00 Hrs</b> <i>Along with soft version also, addressing to undersigned &amp; to others as per contact address given below.</i> <b><i>Bidders may consider to seek clarifications on the e-tender portal-- <a href="https://eprocurebhel.co.in/nicgep/app">https://eprocurebhel.co.in/nicgep/app</a></i></b>
9.	Integrity Pact & Details of Independent External Monitor (IEM)	Not Applicable
10.	Make in India	(i). For this procurement, Public procurement (preference to Make in India), Order 2017 dated 04.06.2020 shall not be applicable .
11.	Restrictions under rule 144 (xi) of General Financial Rule (GFRs) 2017	All provisions of order no F.No.6/18/2019-PPD of department of Expenditure(DoE) shall be applicable for this tender enquiry (Order copy is available at <a href="https://doe.gov.in/procurement-policy-divisions">https://doe.gov.in/procurement-policy-divisions</a> ). Accordingly, any bidder from a country which shares a land border with India (except the countries to which the GoI has extended lines of credit or in which the GoI is engaged in development projects for which list is available at <a href="https://www.mea.gov.in/">https://www.mea.gov.in/</a> ) will be eligible to bid in this tender only if the bidder is registered with the Competent Authority as specified in Annex I of the said Order of DoE.

		<p>Updated list of the countries to which lines of credit have been extended or in which development projects are undertaken are available on the Ministry of External affairs website (<a href="https://www.mea.gov.in/">https://www.mea.gov.in/</a>).</p> <p>For the purpose of this order, definition of Bidder from a country which shares a land border with India shall be same as defined in the Annex III of the said order.</p> <p>Registration with the competent authority as stipulated in the said order is responsibility of bidder.</p> <p><u>Bidder has to submit a certificate certifying following along with offer:</u></p> <p><i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that bidder (..... Name of Bidder) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that bidder (..... Name of bidder) fulfils all requirements in this regard and is eligible to be considered"</i></p> <p>If the bidder is from such country which shares a land border with India evidence of valid registration by the Competent Authority shall also be attached along with offer.</p>
12.	Manufactures/Traders	Not applicable
13.	E-Invoice	<p>Vendor Contract clause regarding GST ITC and provision for E-invoices w.e.f. 01.04.2021</p> <p>E-invoicing under GST is being implemented w.e.f. 01.04.2021 for all the taxable persons having turnover more than Rs. 50 Cr. It has been specified by the Govt. that it is mandatory to mention a valid unique Invoice Reference No. (IRN) and QR code as generated from Govt. portal on a Tax Invoice. Based on such information, GST ITC as claimed by BHEL in GST Returns shall be matched with the corresponding details uploaded by supplier in E-invoicing System.</p> <p>In case the vendor /contractor delays or fails to provide all the documents as per the Purchase order / Work Order at the time of submitting Tax invoice to BHEL, any subsequent financial loss to BHEL on account of vendor/contractor shall be to vendor's / contractor's account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment. This further requires inclusion of IRN and QR code on tax invoice as announced by Govt. of India w.e.f. 01.04.2021.</p>
14.	Reverse Auction	Not applicable
15.	Latest Updates	<p>Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc to Tender Specifications will be hosted in BHEL e-tender portal <a href="https://eprocurebhel.co.in/nicgep/app">https://eprocurebhel.co.in/nicgep/app</a> and not in the newspapers. Bidders to keep themselves updated with all such information</p>

Please submit your offer only for the above requirement subject to our **GENERAL INSTRUCTIONS AND STANDARD TERMS & CONDITIONS (GISTC: Version June-21, Rev: 06)**. Please visit our site [www.hwr.bhel.com](http://www.hwr.bhel.com) for General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries. All the bidders/vendors must ensure compliance of these GISTC. GISTC can also be referred by login to B2B Portal for Registered Vendors.

**Tender Fee & EMD –Not Applicable**  
**E-Procurement Portal Inputs**

**Procedure for Submission of Offer for E – Tender**-Procedure for Submission of Tender is available in the “Bidder Manual for BHEL Bidders” at E-tender portal <https://eprocurebhel.co.in/nicgep/app>. Terms and conditions mentioned therein shall form integral part of the NIT and bidders shall abide by the same.

**1. Hardware and Software requirements for participating in e-tender**

Please refer the website for the minimum system requirements and setting document for Bidders under the link: <https://eprocurebhel.co.in/nicgep/app>

**2. Digital Signature**

To know the procedure for obtaining Digital Signature Certificate (DSC), suppliers who are not having the DSC are advised to visit our website [http://www.bhel.com/home.php/TenderNotifications/Sample Checklist](http://www.bhel.com/home.php/TenderNotifications/SampleChecklist).

**3. NIC portal Helpdesk Contacts**

For any technical related queries please call at 24 x 7 Help Desk Number  
0120-4001 002  
0120-4200 462  
0120-4001 005  
0120-6277 787  
International bidders are requested to prefix 91 as country code

**Email Support**

Address: A) For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority  
Technical - [support-eproc@nic.in](mailto:support-eproc@nic.in)

**4. Note**

Offers/tenders submitted in the E-tender portal shall only be considered for further evaluation. Offers sent by FAX / E-mail / any mode other than E-tender would not be entertained.

The Tenderers must submit their Tenders, as detailed below:

SPECIAL NOTE: All documents to be submitted should be uploaded in respective places in the E-Tender portal as per the list mentioned given in this NIT. BHEL shall not be responsible for incomplete documents.

For new vendors not registered with us (**Applicable only for open tender**), kindly furnish copy of following documents:

- Company Name and Address Proof.
- GST Number (Scan Copy of Acknowledgement)
- PAN Copy
- MSME Certificate (UAN, Udyam if Any)

**Commercial Term & Condition Compliance**

<b>Tender Reference No.</b>	L/6434/2021/2912/D1 Due date: 25.04.2022		
<b>Item Description</b>	Conversion Sleeve & Pull Stud		
<b>Vendor Name</b>			
<b>Quotation Reference no.</b>		Date	

<b>Sl. No.</b>	<b>Techno-Commercial terms</b>	<b>Vendor Confirmation</b>
1.	Please specify whether you are manufacturer or Trader of the item.	
2.	Material will be supplied as per BHEL Technical Specification (Annexure-1) mentioned in enquiry. Manufacturing, Testing and Certification will be as per ordering specification, if not accepted, then mention deviation.	
3.	Delivery Terms (BHEL Standard term: FOR Destination means CPS/HEEP/ BHEL Haridwar)	
4.	Despatch mode(BHEL Standard term: Through BHEL approved transporter only)	
5.	Origin of Despatch	
6.	Freight Charges ➤ Loading shall be done as per extent rules of BHEL-Haridwar, if Freight is mentioned as 'To Pay'	
7.	Packing Charges ➤ Loading shall be done as per extent rules of BHEL-Haridwar, if Packing charges is 'Extra'	
8.	Forwarding Charges ➤ Loading shall be done as per extent rules of BHEL-Haridwar, if Forwarding charges is 'Extra'.	
9.	Delivery Period in weeks/months (Lead Time from PO date)	
10.	Payment term: "100% payment after receipt & final acceptance of material as per acceptance criteria of technical specification at BHEL HEEP Haridwar". ➤ If vendor deviates from BHEL's standard payment term, loading on account of deviation in standard payment term shall be done as per extent rules of BHEL-Haridwar (Refer GISTC)	
11.	Bank Charges ➤ If BHEL's Standard Payment terms accepted then bank charges not applicable, otherwise please mention	
12.	Rate of GST (CGST/SGST/IGST) extra in % (for Indian Bidder only)	
13.	Test certificate (if applicable) as per Specification shall be provided.	
14.	Guarantee Certificate (if applicable ) shall be provided	
15.	Penalty for late deliveries shall be applicable @0.5% per week or part thereof on total value of Purchase Order subject to maximum of 10% of the total value of Purchase Order. Purchase Order value for this purpose shall be the Total	

	Gross Value payable to the vendor (Before LD) excluding taxes and duties.	
16.	Quotation Validity ➤ As per NIT, Validity is <b>90 days</b> from techno-commercial bid opening date.	
17.	Currency	
18.	The evaluation currency for this tender shall be INR.	
19.	Are you registered under Micro Small Enterprises (MSE vendor)? if Yes then provide Udyam Certificate (for Indian Bidder only )	
20.	Any other comments (like any other charges, order to be placed on etc.)	
21.	BHEL reserve the right to change the quantity/ Part quantity at the time of ordering.	
22.	Vendor to ensure that their quoted rates are not more than those quoted for any other customer including other BHEL units.	
23.	Vendor to declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.	
24.	Vendor to quote best possible delivery in the offer. Early delivery acceptable.	
25.	Technical specification cum scope of supply shall be as per Annexure-1. Vendor to ensure compliance of each and every points of technical specification and submit offer accordingly.	
26.	All Items shall be procured from single source as a package for compatibility reasons.	
27.	Acceptance of items shall be as per acceptance criteria (clause D) of technical specification vide Annexure-1.	
28.	Remaining terms and conditions shall be as per General instruction and standard terms & conditions (GISTC) version June 21 rev: 06.	
29.	In case of any difference in conditions quoted above & elsewhere in the offer, terms quoted above shall be treated as final and binding on vendor.	

**Indent No 20212912**

<b>01.00</b>	<b>PRE QUALIFYING CONDITIONS</b>	<b>REQUIRED</b>
01.01	a). Only those vendors to quote who are Original Equipment Manufacturers of BT50 Conversion sleeves. (Authorized channel partner/associates of above OEMs may also quote on their behalf. In such case, valid Authorization Certificate issued by OEM on their letter head is to be furnished with the offer) b.) Vendors to provide satisfactory documentary proof w.r.t experience as mentioned in point 01.01.a This is required from all the vendors for qualification of their offer.	Vendor to accept/agree and provide details
01.02	Vendor to provide name, designation and contact details (phone number, email address etc.) of the customer for whom such items at Sl. No 01.01 (a) are supplied.	Vendor to accept/agree and provide details
01.03	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, their offers shall be rejected.	Vendor to accept/agree

<b>02.00</b>	<b>TECHNICAL SPECIFICATIONS</b>	<b>REQUIRED</b>
02.01	Vendors to confirm that the items quoted shall be as per BHEL SPECIFICATION ONLY.	Vendor to confirm



Sachin Magge

N. C. Tech.

Annexure-1

**Technical Specifications of Conversion Sleeve & Pull Stud for CNC Gantry Milling Machine**

**A. Conversion Sleeve & Pull Stud**

**A1. Conversion Sleeve**

- Model of the Conversion Sleeve : ISO 60 (DIN 69871/A or equivalent)
- Taper in Machine Spindle : ISO-60
- Taper in Conversion Sleeve for clamping cutter : BT-50
- Conversion Sleeve Clamping in spindle : Hydraulic clamping for mounting of ISO 60 conversion sleeve on machine via pull stud as per A2
- Tool clamping : Mechanical clamping of BT50 tool adaptor in conversion sleeve via same pull studs as per A2 or other suitable arrangement

**A2. Pull Stud**

- 1) Pull Stud : Pull stud as per ISO-60 DIN 69872 for hydraulic clamping of conversion sleeve on the machine **or** Special pull stud with top portion as per ISO-60 DIN 69872 for hydraulic clamping of conversion sleeve on the machine and modified arrangement for also clamping of BT50 tool adaptor

**B. Machine specifications**

The brief description of the machine on which conversion sleeve is to be installed is as follows:

- Machine : CNC Gantry Milling Machine (Make Mario, Italy)
- CNC Control of machine : Sinumerik 840D
- Spindle power : 100KW
- Ram cross-section : 600x600mm
- Operational Spindle speed : 5-2000 RPM
- Spindle taper : ISO60



### C. Other requirements

- 1) ISO-60 Pull Stud may have modified arrangement for clamping of BT50 adapter as per vendor's design as mentioned at A2.
- 2) The conversion sleeve should have the arrangement of internal coolant.
- 3) Supplier to provide all items to make offered conversion sleeve ready to use for successful working on the specified machine. The vendor may refer sketch of ISO 60 adapter (fig. 01) for designing ISO 60 taper & pull stud.
- 4) In case, vendor requires any clarification, they may discuss with BHEL prior to submission of their offer to avoid any gaps at later stage.
- 5) Detailed drawing of conversion sleeve & pull stud shall be supplied along with Conversion Sleeve & pull stud.

### D. Acceptance Criteria

- 1) Acceptance of the offered Conversion Sleeve shall be subjected to successful demonstration of the performance of the supplied Conversion Sleeve by carrying out one drilling & one facing operation on a casing or test piece at BHEL Works. The above machining operation shall be carried out with tools mounted on BT50 adapter clamped through supplied conversion sleeve. The drilling & facing operations should be smooth & vibration free for its acceptance. For machining, CNC programs & cutting tools shall be provided by BHEL.
- 2) In case of any replacement/additional quantity of any item, if so required by vendor to meet acceptance criteria during acceptance trial, the same shall be updated in scope of supply & shall be supplied by vendor without any financial implications to BHEL.

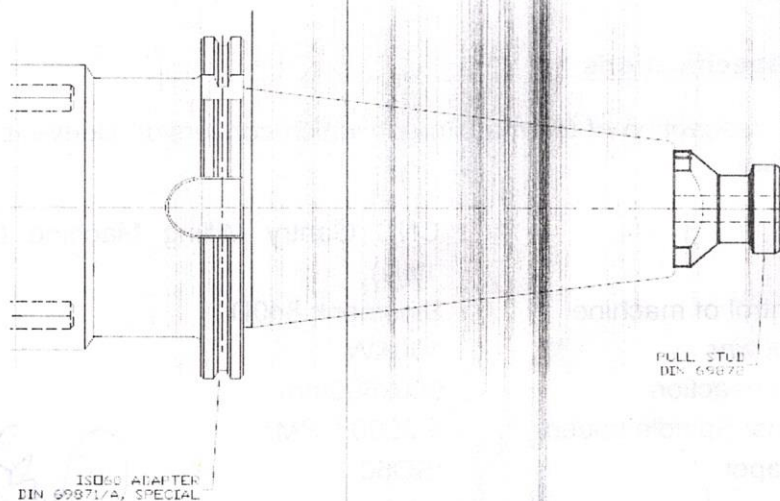


Fig. 01 (for reference only)

DUEDATE

25-04-2022

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
1	TLMW68471173 ISO60 TO BT50 CONVERSION SLEEVE FOR CNC GANTRY MILLING MACHINE AS PER ANNEXURE-1 SIZE: - DIM.: -	3	NO	1	3 31/08/22
2	TLMW68471181 PULL STUD AS PER ISO-60 DIN 69 872 FOR HYDRAULIC CLAMPING OF CONVERSION SLEEVE ON THE MACHI NE OR SPECIAL PULL STUD WITH TOP PORTION AS PER ISO-60 DIN6 9872 FOR HYDRAULIC CLAMPING OF CONVESION SLEEVE ON THE MACHI NE AND MODIFIED ARRANGEMENT FO R ALSO CLAMPING OF BT50 ADAPTO R SIZE: - DIM.: -	6	NO	1	6 31/08/22

\*\* IMPORTANT: This enquiry is 2 part tender. Techno-Commercial bid (Part-1) & Price Bids (Part-2) should be submitted in separate envelopes. These two envelopes should be submitted in a common sealed envelope. Techno-Commercial Bid shall contain detailed Technical Specification, Drawings Technical documents, Catalogues, taxes & duties, payment terms, delivery period, Validity of offer, Replica of Price Bid (Copy of price bid without price part) etc. The confirmation to the special terms & conditions must be submitted alongwith Techno-Commercial bid.

Special Instructions:

1. Vendor to quote best possible delivery in the offer. Early delivery acceptable.
2. Penalty for late deliveries shall be applicable @0.5% per week or part thereof on total value of Purchase Order subject to maximum of 10% of the total value of Purchase Order. Purchase Order value for this purpose shall be the Total Gross Value payable to the vendor (Before LD) excluding taxes and duties.
3. For this procurement, Public procurement (preference to Make in India), Order 2017 dated 15.06.2017, 28.05.2018, 29.05.2019 & 04.06.2020 and subsequent orders issued by the respective nodal ministry shall not be applicable.

SL	MATERIAL CODE	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
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ITEM DESCRIPTION

4. Rest terms and condition shall be as per latest General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC) For Indian Bidders (Version June-2021, Rev: 06).

5. All Items are to be procured from single source as a package for compatibility reasons.

6. Technical specification cum scope of supply shall be as per Annexure-1. Vendor to ensure compliance of each and every points of technical specification and submit offer accordingly.

7. Acceptance of items shall be as per acceptance criteria (clause D) of technical specification vide Annexure-1.

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**ATUL KUMAR**

**ENGINEER (PPX-T)**