

Enquiry No 4212000007 dt 17.10.2020
Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

Dear Sir / Madam,

Sub: Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project as per BHEL Enquiry- 4212000007 dt 17.10.2020.

We are pleased to inform that Open Tender Enquiry has been floated for the **"Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project"** as per BHEL Enquiry No 4212000007 dt 17.10.2020. Prospective suppliers are requested to submit their offer thru BHEL's E-Procurement portal (<https://bhel.abcpurchase.com/EPROC>) in Two Parts basis (Part I- Pre-Qualification Requirement & Techno-Commercial bid; Part II- Price bid) on or before **15.00 HRS IST** on **11.11.2020**. Part I bid will be opened on **15.30 HRS** on the tender due date.

The following are enclosed for information-

- | | |
|---|---|
| 1.0 Pre-Qualification Requirement (PQR) | 8.0 Annexure B- Tentative BOQ |
| 2.0 Annexure I to PQR | 9.0 Annexure H- Non-Disclosure Agreement |
| 3.0 Enquiry Checklist | 10.0 Annexure I- CA certificate format |
| 4.0 Fabrication drawings | 11.0 Declaration format for Make in India |
| 5.0 Quality Plans | 12.0 NPCIL- Sub Contractor Evaluation Report |
| 6.0 Technical Deviation Format | 13.0 NPCIL approval list for RM, consumables etc |
| 7.0 Annexure A- General Terms & Conditions | |

Bids on Two Part basis shall be submitted in line with the Terms & Conditions of the NIT. Care shall be given to submit the following documents along with Part I offer without fail-

- Supporting documents to Pre-Qualification Requirement.
- Duly filled in Enquiry Checklist and Non-Disclosure Agreement.
- Technical deviation sheet (in case of any deviations).
- Supporting documents in case Purchase preference as per NIT is applicable.

Any clarification on technical specifications can be obtained from BHEL before tender opening. Suppliers are welcome to have pre-bid meeting with BHEL Engineers for better understanding our requirements. Please note that as per BHEL's Policy, **BHEL cannot allow price impact post Part I opening for the requirement / scope of supply which is a part of specifications of our Enquiry**. Hence, please read specification / documents thoroughly and submit your offer as per specifications of Enquiry. In case of any query / un-clarity on any of the clause / requirement of specification, please get them clarified from BHEL before submission of offer. No deviation & request regarding un-clarity / contradictory conditions / ambiguity of specifications would be entertained after opening of Part I bid. Vendors are required to thoroughly understand the scope of supply and submit their quotation before the Enquiry due date indicated above.

In the event of any Technical or Commercial queries, the same may please be addressed to the following concerned before Part I opening-

- Anil Sree, Sr.Engineer / Outsourcing- anilsree@bhel.in, +91-9488360515, +91-044-28161378
- E Krithiga, Manager / Outsourcing- krithiga@bhel.in, +91- 8056027256, +91-044-28161964

In the event of any queries during submission of the tender thru BHEL's E-Procurement portal, you may pls contact-

- EPS Customer Care- Bhel.Support@abcProcure.com, +91-79-68136809/849/871/823/872

Enquiry No 4212000007 dt 17.10.2020
Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

General Note-

- In order to protect the commercial interests of BHEL, it becomes necessary to take action against suppliers / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business / money / reputation, indulge in malpractices, cheating, bribery, fraud or any other misconduct or formation of cartels so as to influence the bidding process or influence the price etc. Suspension of Business Dealings could be in the form of “Hold” or “Banning” a supplier / contractor or a bidder or an applicant for registration as a registered supplier. For this purpose, the abridged version of guidelines hoisted at website http://www.bhel.com/vender_registration/vender.php (Suspension of business dealings with suppliers / contractors) is being followed across all BHEL units. Bidders shall keep themselves aware of these guidelines before submission of their quote.

For BHEL Piping Centre,

Anil Sree
Sr.Engineer / Outsourcing
+91-044-28161378
+91-9488360515

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

Bidder's specific attention is drawn to the following:

1. The Terms and Conditions which will form part of the Purchase Order arrived through this Enquiry, are thoroughly read and understood before offering the rates.
2. **Tender Submission and Evaluation:**

F.O.R DESTINATION RATE TO NPCIL Kudankulam Project shall be quoted inclusive of materials, manufacturing as per drawings, Quality requirements, external Painting as per Painting Schema and proper Packing and forwarding to the NPCIL Kudankulam Project site inclusive of Transportation rates, in Rupees of finished items for various specifications indicated in BOQ and Isometric Drawings.

Rate Quoted shall include the Following

- a. Fabrication charges including cost of raw materials.
- b. Cost for fabrication as per applicable drawing and Cost of machining wherever involved.
- c. Charges for applicable testing the components as per Quality plan Eg. Hydraulic Testing, Mechanical testing of items, Heat treatment etc and punching of work order number, DU No. etc. as per requirement.
- d. Charges for Non-destructive Testing (LPI, MPI, Radiography, UT etc.)
- e. Charges for Painting as per painting schema.
- f. Packing Charges.
- g. Transportation charges. (F.O.R destination basis to NPCIL Kudankulam Project Site).

Quantum: Package 1 - 121.604 MT $\pm 10\%$; Package 2 - 1.487 MT $\pm 10\%$

Drawings of the requirements are enclosed with NIT for the Purpose of Quoting. Bidders shall study the requirement thoroughly before submission of Tender. Actual sizes / quantum may vary during Ordering.

Quotation shall be furnished strictly as per the templates of **Price Bid & Techno Commercial Offer**, with all details as called for shall be uploaded in the E procurement website <https://bhel.abcpurchase.com/>.

Any values indicated anywhere other than Price Bid even if covered in any form in the techno commercial offer will not be considered for evaluation. Quotations shall be strictly as per the price bid and should not be subjected to any correlation or indirect interpretations. Quotations shall fulfill all the above requirements. Otherwise the offers may be summarily rejected as a whole or as part thereof. Rates are to be quoted strictly as per the template taking care of all the requirements as indicated. Bidders may furnish the most competitive offer after thoroughly understanding the technical requirements and confirming to meet the same. Any detailed technical and commercial clarification may please be obtained before submission of the offer and Price Bid.

Bidders shall ensure to fill up all field of the following in E procurement website during Tender submission:

- a) PQR & Techno-Commercial Bid – Mandatory (Part I bid)
- b) Price Bid – Mandatory (Part II bid)

BHEL shall not be responsible for wrong quotes/uploads, missing attachments, blank file uploads in E Procurement webpage. Bidders are requested to submit the offers with utmost care to reduce the chance of rejection.

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

3. Bidders are cautioned that, quoting abnormally low rates which are unworkable or withdrawal after price bid opening or after PO will be construed as tampering of BHEL's Tender process, and action shall be taken as per BHEL policies and Guidelines.

A. Manufacturing Requirements

1. Salient Points

Materials used shall be from NPCIL approved sources as per relevant standards meeting Quality requirements with relevant Test certificates. Manufacturing shall be as per various BHEL drawings and applicable Quality Plans, with approved procedures and processes. Please note that materials / components shall be procured from the sources approved by NPCIL.

- a) Finished items are to be dispatched to NPCIL Kudankulam Site. Responsibility of packing, forwarding and transportation to Site will be with the Bidder without any extra cost.
- b) Bidders shall manufacture in accordance with standards, relevant quality plans, drawings and specifications.
- c) Bidders shall get familiarized and understand fully all BHEL requirements as indicated in the price bid template, drawings, Quality plan, Painting requirements etc.
- d) The jobs are to be offered to NPCIL and BHEL / BHEL authorized TPI as detailed in the relevant Quality Plans.
- e) The nature of work may be clearly analyzed by reading the relevant sample drawings, painting requirements & Quality Plan before submitting the offer.

2. Procurement and Provision of Raw materials

Raw materials, welding consumables and penetrant materials shall be procured from NPCIL approved suppliers / brands as per list enclosed. Any material category or specification not available in the approved list shall be informed to BHEL before procurement of the items for approval by BHEL / NPCIL. Heat treatment (if any), chemical and mechanical testing shall be done only in NPCIL approved labs as per list enclosed

3. Quality Requirements

Items shall be manufactured, inspected and supplied as per relevant Quality Plans for the Piping System. All the documents are furnished in the E Procurement website <https://bhel.abcprocure.com/> and the Bidders are required to confirm acceptance.

4. Manufacture and Fabrication:

- All items shall be manufactured as per the drawing and relevant Quality Plans.
- Manufacturing shall be done as per Drawing and GMS which will be provided along with purchase orders.
- Cleaning applying rust preventive oils, painting, punching and stenciling of identification details (if applicable).

5. Technical Conditions

- Changes for individual DU lengths cannot be accommodated as a matter of right except under special circumstances.

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

- Bidder must ensure that correct dimensions and deviations, if any, are recorded properly in the Dimensional Report books and the same shall be made available to BHEL officials or their authorized agencies.
- The QP requirements should be adhered to.
- All Fabrication, machining, heat treatment and nondestructive testing and other testing should confirm to drawings and QP.
- Any other work done outside the requirements of drawings / QP shall have the prior written approval of the Outsourcing department, Piping Centre.
- Only approved welding electrodes shall be used as called for in the drawings.
- Care must be taken to strictly adhere to the notes indicated in the drawings / QP.
- Adequate facilities like welding equipment's, baking oven, handling facilities and measuring instruments (calibrated by BHEL or their authorized agencies) as called for must be available with the bidder.
- All the above basic fabrication requirements must be under working condition and the same shall be made available for verification by BHEL officials or their authorized representatives whenever they are called for.
- Punching, painting and work order stenciling shall be done as per QP requirements.

6. Stenciling and punching

Stenciling and punching shall be done as per relevant Quality Plan. Machined surfaces shall be given one coat of rust preventive oil (Bonito compound) if required.

7. Inspection

- All components shall be inspected at various stages by NPCIL and BHEL / BHEL authorized TPI as per approved QP at bidder works.
- Stage inspection shall be done during fabrication by NPCIL and BHEL / BHEL authorized agencies. Bidder shall make necessary arrangements of the same.
- Readiness of material for inspection shall be informed to BHEL at least 10 days in advance for the planning of inspection.
- Inspection call Booking shall be raised in Vendor Information System.
- All facilities, equipment's and instruments required for inspection shall be provided by the Bidder free of cost.
- BHEL's Representatives will have free access to Bidder's works during the currency of the contract.
- Bidders shall complete the inspection documentation as a part of this basic scope.
 - Bidders shall furnish the Inspection reports, COC Clearance as applicable along with Invoice, Delivery Challan & acknowledged LR.
 - All inspection documents like IR's, History Cards, In process reports/charts, COC/CHP/MDCC, Third Party IR's etc to be submitted as soft file in a CD to Quality Department.
 - All test reports with regard to external painting, fabrication, testing as per QP shall also be provided to Quality department.
- History cards shall be maintained for all the items (DU wise) duly signed by BHEL Inspector. One copy of the History card shall be handed over to QA&C/ Piping Centre, BHEL, Chennai.

8. Packing

Packing shall be done by bidder as per relevant Quality Plan.

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

9. General

a) Subletting

The Bidder will not sublet or assign this contract or any part thereof to anyone without the written permission of the BHEL. In the event of the Bidder subletting or assigning this contract or any part thereof without such permission, the BHEL shall be entitled to cancel the contract and to execute the fabrication work elsewhere at the risk and account of the Bidder and the Bidder shall be liable for payment for any loss or damage which the BHEL may sustain in consequence of or arising out of such fabrication elsewhere.

b) Delayed Execution, Failure & Termination of Contract

▪ **Action and Compensation in case of Bad Workmanship**

If any work has been executed with unsound, imperfect or bad workmanship or with materials of inferior quality, the Bidder shall on demand in writing from BHEL specifying the work, materials / articles complained of notwithstanding that the same may have been passed, certified and paid for, forthwith, rectify the work so specified in whole or in part as the case may require, at their own cost and in the event of his failure to do within reasonable period, BHEL will rectify or remove and re-execute the work at the risk and expense of the Bidder.

▪ **Compensation against damage of Plant & Machinery / Tools and Gauges**

BHEL reserves the right to claim adequate compensation from the Bidder on account of any damage caused to the plant and equipment / tools and gauges handed over to them for execution of work, due to careless handling or negligence on the part of the Bidder.

BHEL shall have general supervision and direction over the work. BHEL has the authority to stop the work, whenever such stoppage may be necessary to ensure the proper execution of the contract. BHEL shall also have the authority to reject all the work which do not conform to the specification. BHEL reserves the right to suspend the work or part thereof at any time and no claim whatsoever on this account will be entertained.

Any change in the constitution of the Bidder's unit will have to be made only after getting the specific approval from Outsourcing Department (PC), BHEL Chennai. Any deviation found later will be dealt with as deemed fit including cancellation of registration.

Partnership firm should have the Form A (Rule 5) Declaration issued by the Registrar of Firms and copy of the same shall be produced at the time of signing the contract. All the statutory obligations such as ESI, PF, Labour Acts, Factory Act etc., will have to be taken care of by the Bidder. BHEL will have no liability on them. Notwithstanding the above, if any demand notice is served by the concerned statutory authorities for recovery of any of their dues on BHEL, the same would be paid without notice to the Bidder and recovered as a due from any pending / future bills.

All safety precautions and use of safety equipment's are to be followed while carrying out the fabrication and dispatch of the same. The Bidder must have proper tools and handling equipment's. There should always be

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

a responsible persons available to oversee the operation and compliance of safety regulation etc. All documents of BHEL made available to the Bidder should be kept in strict confidence and under no circumstance be made available to others or allow others to make use of them. The secrecy of clause is binding on the employees of the Bidders also. Any contravention will be viewed seriously. Such documents should not be disposed of / destroyed without the prior approval of Outsourcing Department (PC), BHEL Chennai.

c) Force Majeure

If at any time during the continuance of this contract the performance in whole or part by either party of any obligation under this contract shall be prevented or delayed by reason of war, hostilities, acts of public enemy, civil commotions, sabotage, fire, flood, explosion, epidemic, quarantine restrictions or acts of God (here in referred to as events), then provided the notice of the happenings of any such event is given by either party to other party within 21 (twenty one) days from the date of occurrence thereof, either party shall reason of such event, not be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed soon as practicable after such event has come to an end or ceased to exist and the decision of the BHEL as to whether the deliveries, have been so resumed or not shall be final and conclusive. If the performance in whole or part of any obligation under the contract is for extension of time shall be granted for periods, considered reasonable by the Bidder to the BHEL subject to prompt notification by the Bidder to the BHEL of the particulars of the events and supply to the BHEL if required of any supporting evidence. Any waiver of time in respect of particular part and thereof shall not be deemed to be a waiver of time in respect of remaining deliveries.

d) Termination of Contract

If as a result of difficulty in procurement of raw materials or due to force majeure reasons or any other reasons whatsoever the Bidder is unable to keep the delivery schedule of BHEL the extension of time may be granted by the BHEL to the extent considered necessary. Should there be delay in supply beyond the extended date of delivery, it shall be open to the BHEL to terminate the contract in part or full and make other arrangements for executing fabrication elsewhere at the cost and risk of the Bidder.

e) Interpretation

- Any dispute or difference of opinion in respect of interpretation, effect of application of this particular condition of the Bidder of the amount recoverable hereunder from the Bidder shall be decided by the BHEL and decision shall be final conclusive.

f) Book Examination Clause:

- The Bidder shall, whenever required, shall produce for examination by any officer of the BHEL authorized in that behalf, any cost or other account book, account voucher, receipt letter memorandum, paper or writ or any copy of extract from any such document, and also furnish information and returns verified, in such a manner as may be required in any way relating to the execution of the contract (the decision of such officer of the BHEL on this question and relevancy of any documents, information or return, being final and binding

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

on the parties). The obligation imposed by this clause is without prejudice to the obligation of the contract/ Purchase orders or any orders binding the Bidder.

- The Bidder shall, if the authorized officer of the BHEL so required (whether before or after the prices have been finally fixed), extend facilities to the officer of BHEL concerned to visit the Bidder's work for the purpose of the examining the process of manufacture and estimate or ascertaining the cost of production of the articles. If any portion of the work be carried out by the Bidder or any sub-Bidder or any subsidiary or an allied firm or Company, the authorized officer of the BHEL shall have power to secure the books of such Bidder or sub-Bidder or any subsidiary or allied firm or company and the same shall be open for inspection.

g) Document Secrecy:

- All the documents of BHEL (inclusive of Drawings, GMS and Standards) made available to the Bidder should be kept in strict confidence and under no circumstance be made available to others or allow others to make use of them.
- The above SECRECY CLAUSE is binding on the employees of the Bidders also. Any contravention will be viewed very seriously and may include cancelling the contract or legal action on the Bidder.

h) Set of Clauses

Payment shall be subject to the deduction of any amount for which the Bidder is liable under this contract, or any contract in respect of which Bharat Heavy Electricals Limited, Piping Centre, Chennai the BHEL.

i) Laws Governing the Contract:

- The contract shall be governed by the Laws of the Government of India in force.
- Irrespective of the place of execution of the contract, place of delivery, place of payment under the contract, the contract shall be deemed to have been made at the place at which the Acceptance of the tender has been issued.

j) Jurisdiction of the Court

The Courts of the place from where the acceptance of the tender has been issued shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

k) The Global Compact

The Global Compact is a signature initiative of then United Nations Ex-Secretary General Mr. Kofi Annan and Four United Nation Agencies.

- *Office of the High Commissioner for Human Rights.
- *International Labour Organization.
- *United nations Environment Programme.
- *United Nations Development Programme.

This is a broad based initiative and engages:

Individual Companies

Business Associations

Fabrication and Supply of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project

International Labour

Human Rights, Environment and Development Organisations

Academic & Public Policy Institutions and United Nations.

The BHEL is a member of this Global Compact.

As a participating company,

- We have the obligation to Support and respect Human Rights within our spheres of influence.
- Make sure We are not complicit in Human Rights abuses.
- Make sure We are not employing forced or compulsory labour.
- Refrain from employing Child labour.
- Eliminate discrimination in our hiring and firing policies.
- Support a precautionary approach to environmental challenges.
- Undertake initiatives to promote greater environmental responsibility.
- Encourage development and diffusion of environmentally friendly technologies.

Bidder shall also ensure to fall in line with the above principles.

10. Special Terms and Conditions

- PO and PO related documents like GMS, drawings, customer approved quality plans, painting scheme etc shall be sent in softcopy.
- All welding process shall be approved. Approval for new process should necessarily be obtained before initiating regular production.
- BHEL has developed a Vendor Information System site and bidder shall establish compatible system to interact with BHEL and download the online data through the Internet. As soon as the dispatches are made, bidders shall upload scanned copy of LR, DC, E-Waybill and Invoice in B2B system.
- All inspection documents like IRs, History Cards, in process reports/charts, COC/MDCC, Third party IRs etc to be submitted as soft file in a CD to Quality Department.
- *Bidders are instructed not to wait till last minute for Tender submission. BHEL shall not be responsible for any E Procurement System issues and Bidder's inability to submit the offers at the last minute.*

11. Fraud Prevention Policy

The Bidder along with its associates/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about fraud as soon as it comes to their notice.

For BHEL Piping Centre,

Anil Sree
Sr.Engineer / Outsourcing
+91-044-28161378