



Bharat Heavy Electricals Limited
Industrial Valves Plant
Goindwal Sahib (Punjab)

Enquiry No.
2223-028E

Date:
06.08.2022

NOTICE INVITING TENDER (NIT)

Dear Sir / Madam,

BHEL Goindwal Sahib (Punjab) invites offers from interested bidders / suppliers for submission of their offer through e-procurement mode at <https://eprocurebhel.co.in/>. Offers in any other mode will not be accepted. In case of any difficulty faced while registering on BHEL's e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-6277787; email: support-eproc@nic.in. These details are also available on 'Contact Us' page of the portal.

Online bids in two parts are invited for the "Supply, Installation and commissioning of Digital water flow meters with Telemetry at ground water extraction piping system at IVP Goindwal". The relevant documents can be downloaded from <https://eprocurebhel.co.in>.

Tender Enquiry No. & date	2223-028E dated 06.08.2022
Form of Contract	Supply, installation and commissioning of equipment
Tender / Item Description	Rotary screw air compressor
Material Standard / Drawings	As per enclosed Annexure-A and tender terms
Location(s) of Supply / Work	BHEL, Industrial Valve Plant, Goindwal Sahib, Dist. Tarn Taran -143422 (Punjab)
Quotation Parts	Three Part Bid
Tender Download / Bid Submission Start Date	06.08.2022 (15:00 Hrs. IST)
Tender Download / Bid Submission End Date	17.08.2022 (12:00 Hrs. IST)
Tender / Bid Opening Date	17.08.2022 (15:30 Hrs. IST)
Make in India local content	50% for class I local supplier and 20% for class II local supplier
Validity of offer (In days)	75 days from date of techno commercial bid opening
Reverse Auction	Applicable
Contact Person Details	Sh. Sumeet Bansal, Sr. Manager 01859-224 628, sbansal@bhel.in Sh. Sahil Malhotra, Dy. Manager 01859-224 603, sahil@bhel.in



SPECIAL TERMS AND CONDITIONS

Tender enquiry no. 2223-028E dated 06.08.2022 **Due date 17.08.2022**
Tender Description: Supply, installation and commissioning of Rotary screw air compressor

Tender Enquiry no.	2223-028E
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Tender / Bid Opening Date	17.08.2022 (15:30 Hrs. IST)
Quotation Parts	Three-part Bid
Tender evaluation	Package basis
Item Description	Supply, installation and commissioning of Rotary screw air compressor
Item Specification	As per enclosed Annexure-A
Quality Plan	As per enclosed Annexure-B

Documents required along with supply of material	
1. Test Certificate	<u>Required</u>
2. Guarantee certificate	<u>Required</u>

S1. EARNEST MONEY DEPOSIT (EMD)

Bidders to deposit EMD – ₹ 60,000/-. EMD shall be accepted in following forms:

EMD is to be submitted by Demand Draft or through e-payment (as per the details given below). DD shall be in favour of “Bharat Heavy Electricals Limited, Goindwal”. BHEL Bank Details are given below:

Bank Name	PUNJAB NATIONAL BANK
BRANCH	GOINDWAL SAHIB
A/C NO	1932009300002270
IFSC CODE	PUNB0193200

Pls note that after e-transfer (EMD amount), remittance copy (scanned version) to be uploaded on NIC portal.

Bidders submitting EMD by Demand Draft are required to upload scanned version on NIC portal. Original copy of Demand draft to be delivered to following address through post / courier / by hand:

Mr. Sahil Malhotra / Dy. Manager - MM
433, Industrial complex,
Industrial Valves Plant, BHEL,
Goindwal Sahib, Distt. Tarn Taran,
Punjab- 143422.



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EMD given by all unsuccessful tenderers shall be refunded on acceptance of award / LOI / PO by successful tenderer. The EMD of successful bidder shall be returned after submission of Bank Guarantee. EMD shall not carry any interest.

Following organization are not required to submit EMD. They are required to upload documentary evidence to claim exemption for EMD submission.

- a) Central/State – PSUs/ Government departments
- b) Micro and small enterprises (Udyam Registration Certificate/UAM need to be submitted)

S2. PRE-QUALIFICATION CRITERIA (PQC)

Bidder has to submit following documents to fulfil PQC:

1. Experience criteria: - Bidder or its OEM {themselves or through reseller(s)} should have supplied Rotary screw type air-compressor of minimum capacity of 530 cfm or above. Bidder to submit two purchase orders (PO) and corresponding invoices as a proof, which shall be within last five years period from the date of tender opening.

Start-ups shall be exempted from the above criteria of Purchase order/s submission without any relaxation in quality standards or technical parameters as per D.O. No. 5(4)/2016-BE-I dated 15.02.2017. For claiming Start-Up exemption, vendors have to submit DPIIT (Dept. of Promotion of Industry and Internal Trade)/DIPP (Department for Industrial Policy and Promotion) recognition certificates.

2. For manufacturers:
Procurement shall be preferred from manufacturers. OEM to submit undertaking/documentary evidence in this regard. In case manufacturer insists on engaging a dealer / agent, such dealer / agent is not allowed to represent more than one manufacturer for same item.

For dealers:

In case of dealers / agents, valid authorized dealer certificate is required from original manufacturer (OEM). Dealers bidding on behalf of OEM to submit purchase orders and corresponding invoices of machine supplied by the same OEM. In case bids are received from dealer / agent and manufacturer both, bid submitted by dealer will be rejected. A dealer representing more than one manufacturer for same item will be rejected. Kindly quote for single make only. Dealer has to provide contact details (like name, e-mail id, telephone no & address) of OEM office issuing “Dealer Authorization Certificate”.

S3. SCOPE OF SUPPLY

In addition to the clause no. 2 in “General Contract Conditions of tender”, Supply, installation and commissioning of Rotary screw air compressor to be supplied as per specifications mentioned in ‘Annexure-A’



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S4. QUOTATION SUBMISSION

PART-I (EMD): Part-I should contain *EMD (if applicable)* as mentioned in EMD clause S1. Only after submission of EMD (if applicable), Part-II (techno-commercial bid) of participated bidders will be opened. Otherwise their offers will be rejected. In case bidder is Central/State – PSUs/ Government departments or Micro and small enterprises, valid document need to be submitted in Part-I. MSE bidders should submit Udyam Registration Certificate / UAM for availing applicable benefits for MSE vendors as per tender terms. Validity of document shall be considered as on date of Part I opening as per the latest available notification from Govt.

PART-II (TECHNO-COMMERCIAL BID): Part-II should contain *all the documents / confirmations as per following details:*

- a) Acceptance of Techno-Commercial terms and conditions shall be attached along with bid document. This can be attached either by signing each page of terms and conditions or a confirmation statement.

IF THE OFFER IS NOT ACCOMPANIED WITH ACCEPTANCE OF TERMS AND CONDITIONS, IT SHALL BE CONCLUDED THAT ALL THE TERMS AND CONDITIONS ARE ACCEPTABLE AND NO CLAIM WHATSOEVER SHALL BE ENTERTAINED LATER ON.

- b) Documents as per pre-qualification terms (as per clause no. S2).
c) Duly filled Annexure-A (Acceptance of TECHNICAL SPECIFICATIONS)
d) Duly filled Annexure-B (Acceptance of INSPECTION CRITERIA)
e) Duly filled Annexure-C (Declaration for RESTRICTIONS UNDER RULE 144(XI))
f) Annexure - D (MII Declaration content format).
g) Duly filled Part-II (Techno-commercial bid)

PART-III (PRICE BID): Part-III should be submitted as per format enclosed in tender. Anything other than prices mentioned in the price bid shall be considered invalid & in no case will be accepted.

S5. PRICE BASIS

- a. Unloading of material at Main Stores of BHEL shall be arranged by BHEL.
b. Quoted rates shall be firm during the currency of the contract.
c. In this tender enquiry, rate shall be invited for total package (Supply + Installation and Commissioning). Further, bidder shall be required to furnish the break up (only percentage) of quoted price in techno commercial format
d. Rates shall be quoted on FOR GOINDWAL basis. Comparison shall be made on landed rate to BHEL Goindwal for deciding L1 offer. Evaluation shall be done for total package.



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S6. DELIVERY SCHEDULE

Delivery period shall be as follows:

- a) Supply - Within 12-weeks from release of PO/LOI
- b) Installation and commissioning - Installation & commissioning shall be completed within 15 days from date of intimation regarding site readiness by BHEL. Intimation for I&C shall be provided within 20 days of receipt of equipment.

S7. "LIQUIDATED DAMAGES (LD):

- a) The rate of penalty for delayed Supply shall be @ 0.5% per week of delay of total PO value (Supply + I&C) in supply subject to a maximum of 10% of total PO value (Supply + I&C).
- b) The rate of penalty for delayed I&C shall be @ 0.5% per week of delay of total PO value (Supply + I&C) in E&C subject to a maximum of 10% of total PO value (Supply + I&C).
- c) Maximum penalty for delay in Supply and I&C together shall be limited to 15% of total PO value (Supply + I&C)."

S8. VALIDITY OF OFFERS

The offers shall be kept valid for 75 days from the actual date of techno-commercial bid opening.

S9. LOADING

100% loading shall be done on L1 vendor

S10. REVERSE AUCTION

Reverse auction shall be conducted in this tender enquiry.

S11. PAYMENT TERMS

80% payment of Supply value shall be made within 45 days from the date of receipt of material at BHEL. Balance 20% of Supply value plus 100% of the E&C portion of PO value will be paid within 30 days of issue of E&C certificate BHEL. Payment will be released only after submission Performance Security by the supplier.

S12. Warranty period

12 months from date of commissioning of complete air compressor system.

S13. Contract Execution Bank Guarantee (CEBG) and Performance Bank Guarantee (PBG):

The successful vendor shall have to furnish a bank guarantee for 10% of the total PO value in the prescribed format within 30 days from the date of purchase order. If the supplier fails to submit the bank guarantee even within 60 days from the date of PO, BHEL reserves the right to cancel PO & forfeit the EMD given by the supplier. In addition, in such case, action will be initiated in line with extant guidelines for Suspension of Business dealings with Suppliers.



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Bank Guarantee (BG) shall be valid till the completion of warranty period i.e 1 year from the date of commissioning (with additional 6 months as claim period).

Bank guarantee shall be as per BHEL format and as per mode/bank described by BHEL. In case of non-acceptance of this clause by the bidder, his offer is likely to be rejected and the technical bid not processed. All bank charges in India and outside India will be to the supplier's account.

S14. VALUE FOR ERECTION & COMMISSIONING AT BHEL

Installation & Commissioning (E&C) value will include services to be rendered at BHEL like erection, commissioning, job proving, training to operators, supervising foundation work etc. (to be together called as I&C). **I&C is in the scope of supplier.**

Cost of I&C should be minimum – 0.86% of total value

Only in case where quoted value is less than the minimum value indicated below or separate I&C values are not mentioned in the offer, value for I&C portion shall be deemed to be considered as the above minimum value accordingly supply value will be adjusted from that quoted value and the balance will be released as E&C payment. The bidder, however, can choose to quote the I&C value higher than the above-mentioned minimum I&C value (%).

S15. OTHER CONDITIONS

1. Pre-dispatch inspection (PDI) to be carried out by the BHEL personnel at the vendor works. Vendor has to inform BHEL for inspection to get clearance for dispatch. The criteria for clearance at the time of PDI has been detailed as per Annexure-B, parameter-wise. However final acceptance of the sets shall be based on equipment prove out at our works.
2. Details of any additional accessories supplied, which are not demanded in this enquiry, shall be notified separately.

These Special terms & conditions and GCC collectively are the part of tender terms and conditions. Any term in special tender terms and conditions will supersede the GCC.



General Contract Conditions (GCC) of MM Tenders

BHARAT HEAVY ELECTRICALS LIMITED

Industrial Valve Plant: 433, Industrial Complex,
Goindwal Sahib, Dist. Tarn Taran,
Punjab-143422 (INDIA)

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Goindwal Sahib, Dist. Tarn Taran,
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1. INSTRUCTION TO BIDDER

Quotations shall be submitted before due date and time. Late offers are liable to be rejected, so please ensure to submit bid well within due date and time. Techno-commercial part will be opened on due date.

Based on evaluation of techno-commercial offers, Price bids of bidders who qualify from techno-commercial evaluation shall be opened. BHEL may decide to open the Price bid same day at 1700 hrs. If not opened on the same day, all qualifying bidders shall be notified for date of opening of Price bids by email/fax/post/courier/E-procurement system generated email.

1.1 Instruction to Bidder (In case of Non-E-Procurement / Paper/ Manual/ Hard Copy based tenders)

Sealed Tenders can be dropped in the tender box labeled as 'Tender box for MM contracts'. This tender box is located at the entrance of Admin block BHEL Goindwal. Quotations can also be submitted through e-mail at tendermm_ivp@bhel.in. Offers received in time shall be considered only when offers are complete in all respects. In case of bulky tenders, please handover quotation to Sh. Rakesh Kumar/ SDGM - Head-MM or Sh. Sumeet Bansal / Sr. Manager - MM [Contact: 01859 224 615 / 628]. Bid can be sent to following address:

**BHEL, Industrial Valve Plant,
#433, Industrial Complex,
Goindwal Sahib, Distt. Tarn Taran,
Punjab-143422.**

1.2 Instruction to bidder (In case of E-Procurement)

- Interested bidders / suppliers shall submit their offer through e-procurement mode at <https://eprocurebhel.co.in/>.
- Offers in any other mode will not be accepted.**
- Procedure for submission of tender is available in the "Bidder Manual Kit" at e-tender portal <https://eprocurebhel.co.in/>.
- In case of any difficulty faced while registering on BHEL's e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-6277787; email: support-eproc@nic.in. These details are also available on 'Contact Us' page of the portal.
- Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness / authenticity.
- Disclaimer clause:** Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.

2. SCOPE OF SUPPLY

Material shall be supplied as per the applicable latest Technical Delivery Conditions (TDC)/ Material Standard requirements/BPS/Drawing and other requirement as given in the Tender Enquiry. National





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& International material Standards shall have to be arranged by vendors themselves. Latest applicable revisions of standards/procedures to be referred.

All required tests as called in referred material standard/BHEL/TDC/drawing etc. shall be carried out by vendor at no extra cost. Material Test Certificates (MTC), inspection reports and Compliance/Guarantee Certificate are to be provided along with the supplies.

3. PRICE BASIS

1. Order of enquiry item sl. no. shall be maintained in the quotation.
2. The rates quoted shall be firm and fixed. No price variation is proposed and allowed.
3. Rates quoted should be FOR BHEL Goindwal basis. The offers quoted on other than FOR Goindwal basis are liable to be rejected.

In case bidder has quoted Ex-works prices, then he/she will be given an opportunity to accept price basis as FOR Goindwal either by accepting delivery as FOR Goindwal in same quoted price or by providing loading factor on his/her quoted ex-works prices to make them FOR prices.

Variation in GST or any other statutory levies during contractual delivery period shall be to BHEL's account.

4. DISCREPANCY IN WORDS AND FIGURES

1. If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity}, the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
2. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
3. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
4. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
5. Bids should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else shall be liable for rejection.
6. All overwriting/cutting, etc will be numbered by bid opening officials and announced during bid opening.

5. EVALUATION IN CASE OF MORE THAN ONE L-1 BIDDER

In the course of evaluation, if more than one bidder happens to occupy L1 status, effective L1 will be decided by soliciting discounts from the respective L1 bidders.





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In case more than one bidder happens to occupy the L1 status even after soliciting discounts, the L1 bidder shall be decided by a toss / draw of lots, in the presence of the respective L1 bidder(s) or their representative(s).

Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

6. REVERSE AUCTION

In case, it is declared in special terms & conditions of tender enquiry that RA is applicable for the NIT, then RA will be conducted as per following clause:

BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on <https://www.bhel.com/>) for this tender. RA shall be conducted among the techno-commercially qualified bidders as per RA guidelines.

Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

7. VALIDITY OF OFFERS

The offers shall be kept open for acceptance 'for number of days mentioned in special terms and conditions' from the date of opening of the tender. In case of tender extension, the bid validity shall be considered from the date of tender opening.

8. SUPPLIED MATERIAL ADJUSTMENT

Item/s pending in previous PO has to be billed in previous PO only. Otherwise, BHEL will be free to adjust the supplies in previous PO. Any implication of tax will be on supplier's account. For this it is desirable that vendor should reconcile the pending PO statement every month/frequently with BHEL. Vendor can also view these details at Portal (<https://trichy.bhel.com/mm/index.jsp>).

9. DELIVERY SCHEDULE

Supplies shall be affected and completed as per schedule mentioned in special terms and conditions. **Further, BHEL may release delivery schedule from time to time based upon our requirement with mutual understanding.** Vendor shall be required to complete the order as per the BHEL schedule requested. Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.

10. LIQUIDATED DAMAGES (LD) FOR LATE DELIVERY

Time is the essence of the contract'. As such, delivery of goods specified in the Purchase Orders released under the scope of this contract shall be made within the time limit prescribed therein. Penalty for late delivery will be applicable @0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the undelivered portion.





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In case of Ex-works delivery terms for indigenous supplies, the document date (Invoice/Challan date) in Goods Receipt (GR) document shall be reckoned for LD deduction. In case of FOR Delivery terms for Indigenous supplies, the posting date in GR document shall be reckoned for LD deduction.

If any vendor does not accept LD ½% of the supply for each week of delay subject to a maximum of 5%, their offer is likely to be rejected by BHEL and the price bid shall not be opened. Bidders accepting for 10% LD shall not be loaded on account of LD. However, bidders who offer any other % LD [between 5% to 10%] shall be loaded @ % deviation from 10% and their accepted %. e.g. If a bidder accepts for a max of 7% LD only, their offer would be loaded @ 3% (10 – 7 = 3).

BHEL reserves the right to receive or not receive the material after the due date of PO. Applicable GST shall also be recovered from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.

11. PAYMENT TERMS

1. Due payment against supplies received shall be due after 30 days of receipt and acceptance of material and shall be paid within next 15 days' period. In case of any deviation from standard payment term mentioned, BHEL at its discretion may load on the item price at 'Base rate of SBI (as applicable on the date of bid opening; Techno-commercial bid opening) + 6% shall be considered for loading for the period of relaxation sought by bidders.
2. Documents to be submitted (if applicable)
 - i) Tax invoice (Invoice shall be GST compliant and should contains all the required information such as GST No, HSN code etc.)
 - ii) Transporter copy along with material/consignment.
 - iii) Material Test Certificates (MTC) and
 - iv) Compliance Certificate.
3. GST registration number is to be submitted by qualified vendor as per GST law.
4. It is mandatory to mention proper material codes in the invoices and separate invoices to be raised for different POs.
5. **BHEL releases payment through EFT mode ONLY. Necessary details may please be submitted by filling required format before release of payment.**

12. TAXES & DUTIES

Payment of GST portion will be released to vendor only upon completion of statutory requirement and further subject to following:

- a) Vendor declaring such invoice in his GSTR-1 and
- b) Receipt of goods and Tax invoice by BHEL and
- c) Confirmation of payment of GST thereon by vendor on GSTN portal.
- d) Above is subject to receipt of goods/service and tax invoice thereof along with vendor declaring invoice in his return and paying GST within timeline prescribed for availing ITC by BHEL.

Following may please be noted for availing Input Tax Credit (ITC) by BHEL:





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1. Since ITC can be availed only when BHEL is in possession of GST Tax invoice and after receipt of goods. Thus, vendor to ensure timely dispatch of goods and Tax invoice. It may be noted that in case of any delay in receipt of Tax Invoice and/or receipt of goods, the ITC availment by BHEL will get delayed thus entailing additional cash outflow & may even get denied if ITC availment timelines are breached.
2. Further ITC can be availed only when vendor has declared such invoice in his outward supply Return GSTR-1 and after GST thereon has been paid by him at the time of filing of monthly Return.
3. If GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.
4. Further, in case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied/leviable on BHEL.

13. LIABILITY UNDER REVERSE CHARGE (RCM)

Any GST liability arising on BHEL under Reverse Charge (RCM) before actual receipt of goods and/or Invoice thereof would be subject to recovery of Interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of Invoices and other conditions specified in GST Law as applicable.

14. ACCESS TO MANUFACTURING PREMISES

While Purchase Orders placed on the vendor are under execution, authorized representatives of BHEL shall be allowed free access to the manufacturing facilities for the purpose of inspection or monitoring the progress of purchase orders. This access will also be extended to representatives of BHEL's customers accompanying the authorized representative/s of BHEL (which shall be intimated in advance), if our contractual requirements with our customers call for the same.

15. INSPECTION

1. The seller shall give adequate notice, of 1 week or as mutually agreed period, in writing to the Purchaser about the date and place at which the goods will be ready for inspection/ testing, as provided for in the contract.
2. Purchaser or his authorized representative shall be entitled to carry out inspection of material and workmanship/Surveillance Audit at Seller's premises or at his sub-contractor's premises at all reasonable times during execution of contract; Such inspection, examination and testing, if made, shall not absolve the Seller from his obligations under the contract. No additional charges shall be claimed for such inspections. Moreover, all required infrastructure (testing, tools etc) have to be arranged by supplier.
3. Any inspection carried out before supply by vendor/incoming stage at BHEL notwithstanding, if any defect/non-conformity is noted during processing, the same shall be attended/replaced by vendor at no extra cost.
4. BHEL representative from unit or CQ is authorized to carry out audits along with TPIA at vendor's works before clearing the items for dispatch.





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5. Necessary tooling including thread gauges etc. have to be arranged by vendor. Only in exceptional cases, based on BHEL discretions item/nature, BHEL may consider request to provide gauges if available with BHEL. But in no case this shall be linked with delivery of material.

16. GUARANTEE / WARRANTEE AND CORRESPONDING REPAIR / REPLACEMENT OF GOODS

Goods shall comply with the specifications for material, workmanship and performance. Unless otherwise specified, vendor shall give a guarantee / warrantee for a period of 18 months from the date of receipt. In case of non-acceptance of this term, bid shall be liable for rejection.

If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. Corresponding quantity shall be treated as unsupplied against respective purchase order till replacement is received at BHEL.. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including repair / replenish rejected goods, at the risk & cost of the Seller.

Lifting of rejected material is under Supplier's scope. BHEL will inform related invoice, quantity etc. to supplier. Supplier has to give advance intimation / plan (Transporter, Vehicle details) for the lifting of material. Further supplier has to provide requisite documents (such as Credit Note, e-Way Bill etc.) to lift the rejected material. Material should be lifted within one month from date of intimation. After one-month, BHEL will not be responsible for rejected material and BHEL shall have the right to dispose off such rejected material.

17. LOI (LETTER OF INTENT)

BHEL may issue LOI prior to the PO for any reason whatsoever. The LOI in such cases is to be treated as PO for all practical purposes and all the Terms & Conditions of the tender shall be applicable from the date of issue of LOI.

18. SUB-CONTRACT

The purchase order or any part thereof shall not be sub-contracted, assigned or otherwise transferred without previously obtaining the BHEL's consent in writing.

19. RISK PURCHASE

Risk & Cost Clause, in line with Conditions of PO may be invoked in any of the following cases:

- i) Supplier's poor progress of the supply vis-à-vis delivery/execution timeline as stipulated in the Contract, backlog attributable to supplier including unexecuted portion of supply that does not appear to be executable within balance available period
- ii) Withdrawal from or abandonment of the supply by contractor before completion as per contract.
- iii) Non-supply by the Supplier within scheduled completion/delivery period as per Contract or as extended from time to time, for the reasons attributable to the supplier.





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- iv) Termination of Contract on account of any other reason (s) attributable to Supplier.
- v) Assignment, transfer, subletting of Contract without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.
- vi) Non-compliance to any contractual condition or any other default attributable to Supplier.

The value shall be calculated as follows:

$$\text{Risk \& Cost Amount} = [(A-B) + (A \times H/100)]$$

Where,

A= Value of Balance scope of Supply (*) as per rates of new contract

B= Value of Balance scope of Supply (*) as per rates of old contract being paid to the supplier at the time of termination of contract i.e. inclusive of PVC, if any.

H = Overhead Factor shall be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

*** Balance Scope of Supply:** Difference of Contract Quantities and Executed Quantities as on the date of issue of Letter for 'Termination of Contract', shall be taken as balance scope of Supply for calculating risk & cost amount.

Contract quantities are the quantities as per original contract. If, Contract has been amended, quantities as per amended Contract shall be considered as Contract Quantities.

Recoveries from the supplier on whom Risk & Cost has been invoked shall be made from following:

- (i) Dues available in the form of Bills payable to supplier, SD, BGs against the same contract.
- (ii) Dues payable to supplier against other contracts in the same Unit of BHEL.
- (iii) Dues payable to supplier against other contracts in the different Regions / Units of BHEL.
- (iv) Legal options for recovery of dues payable by the supplier.

20. FORCE MAJEURE

If at any time during the continuance of the contract, the performance in which or in any part by either party of any obligations under the contract are prevented or delayed by reason of any war, hostilities, acts of public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine restrictions, or acts of God (hereinafter referred to "an events" then provided the notice of happening of any such event is given by either party to the other within 21 days of the occurrence thereof, neither party shall by reason of such event be entitled to terminate the contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. If the performance in whole or part of any obligation under the contract is prevented or delayed by reason of any such event, claims of extension of time shall be granted for periods considered reasonable by BHEL subject to prior notification by the vendor to BHEL of the particulars of the event and supply to BHEL, if required, of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed a waiver of time in respect of remaining deliveries.





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21. NON-DISCLOSURE AGREEMENT

All Drawing and technical documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others. ***BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.***

22. CLARIFICATIONS

The correspondence exchanged against the tender from both tenderer and BHEL through email/e-procurement are considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and very much comes under the legal ambit of the business transaction and hence it is binding on both the parties to the business. Any transaction pertaining to the tender from both the parties of business done round the clock irrespective of the office or business hours of the companies, are valid legally and binding on both the parties. This applies to the extent only in such cases where deadline time for transaction is not specifically declared by either or both the parties to the business.

23. PREFERENCES FOR MICRO AND SMALL ENTERPRISES (MSEs)

Preferences as mentioned in “Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012” & “Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018”, or as per latest guidelines issued by government shall be given to Micro and Small enterprises.

Main points which are mentioned in the above orders are as follows:

- 25% Procurement of the tender value shall be made from MSE (Micro, Small Enterprises) firms.
- 25% of the 25% quantity (i.e. 6.25% of the tender quantity) offered to the MSE's shall be reserved for MSE's owned by SC/STs. Failure to participate by any MSE owned by SC/ST's; this 6.25% quantity shall be procured from other MSEs.
- 3% from within the 25% quantity offered to the MSE's shall be reserved for women owned MSE's. Failure to participate by any MSE owned by women; this 3% quantity shall be procured from other MSEs.
- EMD shall be exempted for MSE's. All these benefits are subject to production of all statutory documents





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- In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 25 per cent of total tendered value. In case of more than one such Micro and Small Enterprise, the supply shall be shared proportionately (to tendered quantity).

MSE suppliers can avail the intended benefits only if they submit **Udyam Registration Certificate** along with the offer. No other document shall be considered for availing MSE benefits. Non-submission of such document will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents is not cleared before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required document is to be uploaded on the portal.

Note: It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-I) shall prevail.

24. PREFERENCE TO MAKE IN INDIA

This procurement shall be governed by notification no. P-45021/2/2017-PP (BE-II) dated 16.09.2020 of Government of India issued by DPIIT and subsequent circulars issued afterwards. Accordingly, the minimum local content, the margin of purchase preference and the procedure for purchase preference to make in India shall be adhered.

25. RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (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 <https://doe.gov.in/procurementpolicy-divisions>). Accordingly, any bidder from a country which shares a land border with India (except the countries to which the Govt. of India has extended lines of credit or in which the Govt. of India is engaged in development projects for which list is available at <https://www.mea.gov.in/>) 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.

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 (<https://www.mea.gov.in/>)

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.

Registration with the competent authority as stipulated in the said order is responsibility of bidder. **Bidder has to submit a certificate certifying following along with offer:**

"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 this bidder is not from such a country or, if from such a country,





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has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [*Where applicable, evidence of valid registration by the Competent Authority shall be Attached*].”

26. DISPUTES

In the event of any dispute and/or difference arising between the Vendor and BHEL as to interpretation and/or execution of the contract and/or the respective rights and liabilities of the parties, such disputes and/or differences shall be referred to the sole arbitrator nominated by BHEL. The provisions of the Indian Arbitration Act and the rules there under shall apply to such arbitration. The award passed by the arbitrator shall be final and conclusively binding on all the parties.

27. JURISDICTION

The court of the place from where the purchase order is issued shall alone have jurisdiction to decide any dispute arising out of or in connection with the purchase order.

28. BANNED FIRMS

The offers of the bidders who are on the banned list as also the offer of the bidders, who engage in the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website <https://www.bhel.com/>.

29. FRAUD PREVENTION POLICY

The Bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <https://www.bhel.com/> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

30. PREVENTIVE CHECKS TO ELIMINATE SUSPECTED CARTEL FORMATION

The Bidder 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.

31. SUSPENSION OF BUSINESS DEALINGS WITH DEFAULTERS

The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site <https://www.bhel.com/>.

1.0 Integrity commitment, performance of the contract and punitive action thereof:

1.1. Commitment by BHEL:





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BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.

1.2. Commitment by Bidder/ Supplier/ Contractor:

1.2.1. The bidder/ supplier/ contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.

1.2.2. The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.

1.2.3. The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on <https://www.bhel.com/> and/or under applicable legal provisions

32. GENERAL

1. BHEL will not be bound by any power of attorney granted by the vendors or by changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the vendor concerned.
2. BHEL reserves the right to extend the due date of opening, which shall be informed. Validity of offer shall be deemed to be revised accordingly.
3. BHEL reserves the right to accept or reject any part or whole of the tender of a bidder by assigning a valid reason thereof. BHEL reserves the right to cancel the tender without assigning any reason thereof and without any obligation before any commitment.
4. Acceptance of all terms and conditions, in the form of signed copy of T&C or confirmation separately written, shall be submitted along with quotation. If nothing is mentioned, it shall be concluded that terms and conditions are acceptable.
5. BHEL may increase/decrease item/s based on BHEL requirement before price bid opening. Suitable price implication may be asked from suppliers.
6. BHEL may drop item/items from tender at any stage of tender before placing PO. BHEL may also delete PO with consent with supplier within delivery date of PO.





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7. After releasing PO, it is assumed that supplier has accepted PO if we do not receive acknowledgement from supplier within 5 days of date of PO.
8. In case of unscheduled holiday on opening day of tender, the next working day will be treated as scheduled prescribed day of opening of tender.
9. On the due date of tender opening, only technical bids will be opened. The opened technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. If no reply is received from the vendor for the clarification raised by BHEL with in the final cut-off date, those vendors offer will be processed with the documents available / submitted against this tender. Offers not meeting the required specification and technical condition will be summarily rejected. The price bids of technically suitable bidders will be opened on a later date with prior intimation to techno-commercially suitable bidders.
10. Ranking L-1, L-2 etc. shall be done for individual item for the techno-commercially acceptable offers on landed cost to BHEL, IVP Goindwal basis and BHEL reserves the right to place order for individual items with different vendors.
11. BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items where, L1 price is not the lowest acceptable price; BHEL reserves the right to increase or decrease the tender quantity.
12. If supplier is mentioning delivery destination within state/ outside state depending upon his location of factory, Free on Road etc. these are assumed as on FOR Goindwal. If supplier is wishing to give delivery on Ex works basis, then he has to clearly mention about it.
13. The bidder has to keep track of any changes by viewing the addendum(s) / Corrigendum(s) issued by the Purchaser on time-to- time basis in the E-Procurement platform. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.
14. Unregistered suppliers, who are techno-commercially qualified against the open tender, are requested to register with BHEL as permanent supplier by submitting the Supplier Registration Form (SRF). SRF is available at <https://www.bhel.com/supplier-registration>.
15. Any term in special tender terms and conditions will supersede the GCC.



PART-II (TECHNO-COMMERCIAL BID)**(To be filled & signed by bidder & submit with offer as 'PDF' file only)**

Tender Enquiry no. & Date		2223-028E dated 06.08.2022	
Tender Description		Supply, installation and commissioning of Rotary screw air compressor	
<p>Bidder must note following points:</p> <ol style="list-style-type: none"> 1. This workbook is protected, except for cells where comments / confirmation is to be given by bidder. 2. Bidder is advised not to unprotect / tamper the sheet / alter the terms mentioned in the sheet. 3. Any alteration to terms mentioned by BHEL will be considered as tampering and bidder's offer shall be liable for rejection. 4. Bidders are advised to only fill the unprotected cells (shaded cells) by dropdown or writing the comments as applicable as their confirmation. Bidders are advised to upload duly filled & signed 'PDF' file as techno-commercial (Part-I) bid'. Failure on the part of bidder in not returning this duly filled-up techno-commercial bid and / or submitting incomplete replies may lead to rejection of bidder's quotation. 5. All the commercial terms and conditions shall be indicated by vendor in this format only and nowhere else in his quotation. However, in case the space for vendor's reply is not sufficient against a particular question, the vendor shall furnish same by way of separate annexure / sheet attached to this questionnaire, indicating cross-reference of respective clauses. 			
TECHNICAL CONDITION DETAIL			
Sl no.	Elements	Response	Remarks (if any)
1	Technical : Supply, installation and commissioning of Rotary screw air compressor as per specifications and tender terms (if selected 'Accepted with deviation', please mention the deviation clearly)	Select from the drop down list	
COMMERCIAL CONDITIONS & DETAILS			
Sl no.	Elements	Response	Remarks (if any)
1	Delivery destination: FOR, BHEL, Stores Industrial Valves Plant 433, Industrial Complex Goindwal – 143 422 District: Tarn Taran (Punjab), India	Select from the drop down list	
2	IGST supply (%)	Select from drop down list	
3	SGST supply (%)	Select from drop down list	
4	CGST supply (%)	Select from drop down list	
5	Price Bid should be submitted as per Part-II. The prices contracted shall be firm till the execution of the contract in full and in all respects. Price to be quoted on FOR Goindwal basis The evaluation of tender shall be on the basis of "NET CASH OUTFLOW VALUE (total cost to BHEL).	Select from the drop down list	
6	Price Break up - Following percentages to be specified a) Supply (%) - b) Installation and commissioning (%) - Cost of I&C should be minimum – 0.86% of total value (Only percentage to be mentioned in Part II, actual prices are to be mentioned in Part III only)	Select from the drop down list	
7	Delivery Period: Delivery period shall be as follows: a)Supply - Within 12-weeks from release of PO/LOI b)Installation and commissioning - Installation & commissioning shall be completed within 15 days from date of intimation regarding site readiness by BHEL Intimation for I&C shall be provided within 20 days of receipt of equipment.	Select from the drop down list	
8	LIQUIDATED DAMAGES (LD): The rate of penalty for delayed Supply shall be @ 0.5% per week of delay of total PO value (Supply + I&C) in supply subject to a maximum of 10% of total PO value (Supply + I&C). The rate of penalty for delayed I&C shall be @ 0.5% per week of delay of total PO value (Supply + I&C) in E&C subject to a maximum of 10% of total PO value (Supply + I&C). Maximum penalty for delay in Supply and I&C together shall be limited to 15% of total PO value (Supply + I&C).	Select from the drop down list	
9	Validity of the offer – 75 days from the actual date of techno-commercial bid opening	Select from the drop down list	

PART-II (TECHNO-COMMERCIAL BID)

(To be filled & signed by bidder & submit with offer as 'PDF' file only)

Tender Enquiry no. & Date		2223-028E dated 06.08.2022	
Tender Description		Supply, installation and commissioning of Rotary screw air compressor	
10	Currency of payment: The currency shall be Indian Rupees.	Select from the drop down list	
11	SHORT SUPPLY / WARRANTY REPLACEMENT: In case, any shortage is noticed viz-a-viz PO requirement in the main equipment / spares, such shortages shall be replenished by supplier on FOR destination basis without any cost implication to BHEL.	Select from the drop down list	
12	Risk purchase: BHEL at its option will be entitled for withdrawal of portion of balance supply or termination of the contract and to purchase elsewhere at the risk and cost of the supplier either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as per contract delivery terms. The supplier shall be liable for losses, which BHEL may sustain by way of such risk purchases. (refer clause no. 19 of GCC)	Select from the drop down list	
13	Payment terms: 80% payment of Supply value shall be made within 45 days from the date of receipt of material at BHEL. Balance 20% of Supply value plus 100% of the E&C portion of PO value will be paid within 30 days of issue of E&C certificate BHEL. Payment will be released only after submission Bank guarantee by the supplier.	Select from the drop down list	
14	Earnest Money Deposit - Bidders shall be required to deposit EMD - Rs 60,000/- (Clause S1 of special terms and conditions to be referred for details)	Select from the drop down list	
15	Contract Execution Bank Guarantee (CEBG) and Performance Bank Guarantee (PBG) - The successful vendor shall have to furnish a bank guarantee for 10% of the total PO value in the prescribed format within 30 days from the date of purchase order. Bank Guarantee (BG) shall be valid till the completion of warranty period i.e 1 year from the date of commissioning (with additional 6 months as claim period). (Clause S13 of special terms and conditions to be referred for details)	Select from the drop down list	
16	Compliance to RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (GFRs), 2017. Bidder has to attach the undertaking along with offer (as per clause no. S5 of special tender terms & conditions).	Select from drop down list	
17	Contacts: Details of contact person's name, designation, department with complete postal and email address along with phone and fax numbers to be mentioned	Name	
		Designation (Proprietor/ Partner/Director/ Authorised Signatory)	
		Email ID	
		Mobile No	
		Address	
18	Weight	Approximate Net weight of the total consignment >>	
		Approximate Gross weight of the total consignment >>	
19	You are manufacturer of quoted item/s.	Select from the drop down list	
20	Are you registered under MSMED act 2006 as Micro or Small.	Select from the drop down list	
21	I have thoroughly gone through the attached tender terms & conditions and understood the above techno-commercial requirements	Select from the drop down list	

PART-II (TECHNO-COMMERCIAL BID)

(To be filled & signed by bidder & submit with offer as 'PDF' file only)

Tender Enquiry no. & Date	2223-028E dated 06.08.2022
Tender Description	Supply, installation and commissioning of Rotary screw air compressor
<p>We further, confirm that we have quoted the rates in the tender considering Inter-alia the</p> <ol style="list-style-type: none">1. Tender Document(s)2. Additional Document(s) (if any)3. BOQ Document (Price Bid Format)4. Corrigendum (if any)5. Pre Bid Meeting Minutes (if any) <p>We hereby certify that we have fully read and thoroughly understood the tender requirements and accept all terms and conditions of the tender including all corrigendum/addendum issued (if any). Our offer is in confirmation to all the terms and conditions of the tender including all corrigendum/addendum (if any) and minutes of the pre-bid meeting (if any). In the event our offer is found acceptable and Order is placed /Contract is awarded to us, the complete tender document shall be considered for constitution of Order / Contract Agreement.</p>	
Authorised signatory with seal	

[Validate](#)[Print](#)[Help](#)[Wise BoQ](#)

Tender Inviting Authority: BHEL IVP Goindwal Sahib

Name of Work: Supply, installation and commissioning of Rotary screw air compressor

Contract No: 2223-028E dated 06.08.2022

Name of the
Bidder/ Bidding
Firm /
Company :**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. / piece	TOTAL AMOUNT excluding taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	11	13
1	Supply, installation and commissioning of Rotary screw air compressor	1.00	Number		0.00	INR Zero Only

Annexure-A

SCOPE- SUPPLY, INSTALLATION & COMMISSIONING OF ROTARY SCREW TYPE AIR-COMPRESSOR SYSTEM WITH VARIABLE FREQUENCY DRIVE (VFD) AS PER TECHNICAL SPECIFICATION BELOW-

Sl. No.	Technical Specifications Description	BHEL Requirement	Bidder Response
1	Compressor Capacity in CFM	Minimum 530 CFM	
2	Maximum Working Pressure in kg/cm²	at least 7.5 kg/cm ²	
3	Sound Level (in dB)	should not be more than 75 +/- 3dB(A) in free field condition	
4	Number of Stage	Single (One)	
5	Type of Compressor	Rotary Screw type	
6	Type test and routine test conformance	As per ISO 1217:2009, bidder to confirm	
7	Method of measurement of Air flow and free air delivery conformance	As per ISO 1217:2009, bidder to confirm	
8	Suction Air Filter	To be provided	
9	Location of Air Filter should be convenient for easy replacement of filter element	Bidder to confirm	
10	Load/Un-load Control & Regulation system	To be provided with Regulating valve /Solenoid valve provision or similar mechanism	
11	Air/Oil Temperature Sensor	To be provided	
12	Air Check Valve	To be provided	
13	Air-Oil Receiver/Seperator Tank	Indication for oil level with oil filling arrangement to be provided	
		Safety Valve to be provided	
		Oil Draining arrangement to be provided	
		Multi Stage Air Oil separation system to be provided	
14	Air-Oil Cooler Assembly	Minimum Pressure Valve to be provided	
		Cooling fan with motor to be provided	
		Oil filter for filtration of oil to be provided	
		Thermostatic valve to be provided	
15	Main Motor Specification	Separate Oil cooler and air cooler to be provided	
		Minimum 75 kW Continuous duty rating Squirrel Cage Induction motor, TEFC, IP55 Enclosure, Class F Insulation, 3 phase, Operating Voltage: 415 +/- 10% volts, 50 Hz +/-5%, IE3 energy efficient motor to be provided. Accepted make-Siemens, Crompton Greaves, Bharat Bijlee, Marathon Electric, ABB, Ingersol Rand, Kirlosakar, LHP	
		Panel complete with power and control contactor system, MCBs, Overload relays and wiring/cabling of reputed make to be provided.	
		Accepted Make of P/C Contactor, MCB, Overload Relay- Siemens, ABB, L&T, Eaton, Moeller, Schneider.	
16	Power Panel	To be provided with suitable Variable Frequency Drive (VFD) as per main motor rating. Additionally Star/Delta starter to be provided as a bypass. In cas of VFD failure.	
		Shall be capable of monitoring and controlling the speed of the unit for optimum compressed air delivery based on air system working pressure, bidder to confirm acceptance	

SCOPE- SUPPLY, INSTALLATION & COMMISSIONING OF ROTARY SCREW TYPE AIR-COMPRESSOR SYSTEM WITH VARIABLE FREQUENCY DRIVE (VFD) AS PER TECHNICAL SPECIFICATION BELOW-			
Sl. No.	Technical Specifications Description	BHEL Requirement	Bidder Response
17	Emergency Stop Push Button	To be provided	
18	Control Panel	Microprocessor based controller, to be provided	
		Functions- Load/Unload, Pressure Control, Start/Stop, LAN or similar network connectivity feature required for intergrating with IOT applications to be provided	
		Display Unit for operational status, maintenance messages, warning/alarms display and setting parameters to be provided	
19	Acoustic Canopy and Drive Arrangement	Powder Coated Steel Enclosure with sound absorbing material to be provided	
		Anti vibration mounts support main motor and compressor unit to be provided	
		Direct Gear Drive to be provided	
20	Air Outlet	Ball Valve with 2" outlet connection to be provided	
21	Oil Filling & filters	First filling of lubricating/coolant oil and all filter elements i.e. oil, air and seperartor elements is in supplier scope	
22	Air cooled system	Bidder to confirm	
23	Warranty	At least 1 year period from date of commissioning of complete air-compressor system at IVP, Goindwal	
24	Operation & Maintenance (O&M)	Successful bidder to provide training on operation & maintenance of the air compressor	
		Two nos. of hard copy and on no. of soft copy of O&M manual to be provided	
		O&M Manual shall be provided with complete electrical drawing and complete part name/no. details	
25	SCOPE OF INSTALLATION & COMMISSIONING	Bidder to carry out installation & commissioning of Rotary Screw type air compressor at BHEL works	
		Foundation work, if any required, shall be in BHEL scope.	
		Electrical Power Cables to the input of power panel is in BHEL scope. Any other requirement, if not specified is in bidder scope.	
		Compressor air piping & any plumbing work to & from air compressor system shall be in BHEL scope. Any piping/plumbiung work within the air compressor system is in bidder scope.	

Annexure-B

QUALITY PLAN FOR ROTARY SCREW TYPE AIR-COMPRESSOR SYSTEM WITH VARIABLE FREQUENCY DRIVE

Sl. No.	Technical Specifications Description	BHEL Requirement	Inspection Criteria	Bidder to confirm
1	Compressor Capacity in CFM	Minimum 530 CFM	Successful bidder to provide undertaking on letter head	
2	Maximum Working Pressure in kg/cm ²	at least 7.5 kg/cm ²	Successful bidder to provide undertaking on letter head	
3	Sound Level (in dB)	should not be more than 75 +/- 3dB(A) in free field condition	Successful bidder to provide undertaking on letter head	
4	Number of Stage	Single (One)	Successful bidder to provide undertaking on letter head	
5	Type of Compressor	Rotary Screw type	Visual/Physical Verification	
6	Type test and routine test conformance	As per ISO 1217:2009, bidder to confirm	Successful bidder to provide undertaking on letter head	
7	Method of measurement of Air flow and free air delivery conformance	As per ISO 1217:2009, bidder to confirm	Successful bidder to provide undertaking on letter head	
8	Suction Air Filter	To be provided	Visual/Physical Verification	
9	Location of Air Filter should be convenient for easy replacement of filter element	Bidder to confirm	Visual/Physical Verification	
10	Load/Un-load Control & Regulation system	To be provided with Regulating valve /Solenoid valve provision or similar mechanism	Visual/Physical Verification	
11	Air/Oil Temperature Sensor	To be provided	Visual/Physical Verification	
12	Air Check Valve	To be provided	Visual/Physical Verification	
13	Air-Oil Receiver/Seperator Tank	Indication for oil level with oil filling arrangement to be provided	Visual/Physical Verification	
		Safety Valve to be provided	Visual/Physical Verification	
		Oil Draining arrangement to be provided	Visual/Physical Verification	
		Multi Stage Air Oil separation system to be provided	Successful bidder to provide undertaking on letter head	
		Minimum Pressure Valve to be provided	Visual/Physical Verification	
14	Air-Oil Cooler Assembly	Cooling fan with motor to be provided	Visual/Physical Verification	
		Oil filter system for filtration of oil to be provided	Visual/Physical Verification	
		Thermostatic valve to be provided	Visual/Physical Verification	
		Separate Oil cooler and air cooler to be provided	Visual/Physical Verification	
15	Main Motor Specification	Minimum 75 kW Continuous duty rating Squirrel Cage Induction motor, TEFC, IP55 Enclsoure, Class F Insulation, 3 phase, Operating Voltage: 415 +/- 10% volts, 50 Hz +/-5%, IE3 energy efficient motor to be provided. Accepted make- Siemens, Crompton Greaves, Bharat Bijlee, Marathon Electric, ABB, Ingersol Rand, Kirlosakar, LHP	Visual/Physical Verification & motor test certificate to be provided	
16	Power Panel	Panel complete with power and control contactor system, MCBs, Overload relays and wiring/cabling of reputed make to be provided. Accepted Make of Power & Control C Contactor, MCB, Overload Relay- Siemens, ABB, L&T, Eaton, Moeller, Schneider.	Visual/Physical Verification	
		To be provided with suitable Variable Frequency Drive (VFD) as per main motor rating. Additionally Star/Delta starter to be provided as a bypass. In cas of VFD failure.	Visual/Physical Verification & VFD power rating certificate to be provided	
		Shall be capable of monitoring and controlling the speed of the unit for optimum compressed air delivery based on air system working pressure, bidder to confirm acceptance	Successful bidder to provide undertaking on letter head	

QUALITY PLAN FOR ROTARY SCREW TYPE AIR-COMPRESSOR SYSTEM WITH VARIABLE FREQUENCY DRIVE

Sl. No.	Technical Specifications Description	BHEL Requirement	Inspection Criteria	Bidder to confirm
17	Emergency Stop Push Button	To be provided	Visual/Physical Verification	
18	Control Panel	Microprocessor based controller, to be provided	Successful bidder to provide undertaking on letter head	
		Functions- Load/Unload, Pressure Control, Start/Stop, LAN or similar network connectivity feature required for intergrating with IOT applications to be provided	Visual/Physical Verification	
		Display Unit for operational status, maintenance messages, warning/alarms display and setting parameters to be provided	Visual/Physical Verification	
19	Acoustic Canopy and Drive Arrangement	Powder Coated Steel Enclosure with sound absorbing material to be provided	Visual/Physical Verification	
		Anti vibration mounts support main motor and compressor unit to be provided	Visual/Physical Verification	
		Direct Gear Drive to be provided	Successful bidder to provide undertaking on letter head	
20	Air Outlet	Ball Valve with 2" outlet connection to be provided	Visual/Physical Verification	
21	Air cooled system	Bidder to confirm	Successful bidder to provide undertaking on letter head	
22	Warranty	At least 12 months period from date of commissioning of complete air-compressor system at IVP, Goindwal (BHEL)	Successful bidder to provide undertaking on letter head	

ANNEXURE-C

RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (GFRs), 2017

(The bidders are required to print this on their company's letterhead & sign, stamp and submit with offer documents)

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.

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.”

With regards

Signature with company seal

Name –

Company / Organization

Designation within Company / Organization

Address of Company / Organization

ON COMPANY (OEM) LETTER HEAD

Make in India (MII) and Local Content Declaration

To whom it may concern

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017, as amended from time to time and as applicable on the date of submission of tender, we hereby certify that we M/s. _____ (supplier name) are (tick whichever is applicable as below)

“**Class-I local supplier**” meeting the requirement of minimum local content equal to 50% or more defined in above mentioned government notification for the goods & services

(or)

“**Class-II local supplier**” meeting the requirement of minimum local content 20 % to less than 50% defined in above mentioned government notification for the goods & services

(or)

Non-local supplier (if not belonging to Class-I & Class-II)

against Tender Enquiry No. _____

Product:

Details of location at which local value addition will be made is as follows:

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rule for which for which a bidder or its successors can be debarred for up two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Authorized Signatory

Place:

Date:

Contract Execution Bank Guarantee (CEBG) and Performance Bank Guarantee (PBG)

Bank Guarantee No:

Date:

To
NAME
& ADDRESSES OF THE BENEFICIARY

Dear Sirs,

In consideration of Bharat Heavy Electricals Limited (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at _____¹ through its Unit at..... ..(name of the Unit) having awarded to (Name of the Vendor / Contractor / Supplier) with its registered office at _____² hereinafter referred to as the 'Vendor / Contractor / Supplier', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No... .. dated³ valued at Rs... ..⁴ (Rupees -----)/FC..... .. (in words... ..) for⁵ (hereinafter called the 'Contract') and the Vendor / Contractor / Supplier having agreed to provide a Contract Performance Bank Guarantee, equivalent to % (... . Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract,

we,, (hereinafter referred to as the Bank), having registered/Head office at and inter alia a branch at being the Guarantor under this Guarantee, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums upto a maximum amount of Rs -- -----⁶ (Rupees -----) without any demur, immediately on first demand from the Employer and without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor / Contractor / Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the Vendor / Contractor / Supplier shall have no claim against us for making such payment.

We the bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/satisfactory completion of the performance guarantee period as per the terms of the Contract and that it shall continue to be enforceable till all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

WeBANK further agree with the Employer that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the said Vendor / Contractor / Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Vendor / Contractor / Supplier and to forbear or enforce any of the terms and conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Vendor / Contractor / Supplier or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Vendor / Contractor / Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Vendor / Contractor / Supplier and notwithstanding any security or other guarantee that the Employer may have in relation to the Vendor / Contractor / Supplier 's liabilities.

This Guarantee shall remain in force upto and including... ..⁷ and shall be extended from time to time for such period as may be desired by Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Vendor / Contractor / Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before the
.⁸we shall be discharged from all liabilities under this guarantee thereafter.

We, BANK lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Bank under this Guarantee shall not exceed... ..⁶
- b) This Guarantee shall be valid up to⁷
- c) Unless the Bank is served a written claim or demand on or before _____⁸ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, _____ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of
(Name of the Bank)

Dated... .. .

Place of Issue... .. .

¹ *NAME AND ADDRESS OF EMPLOYER I.e Bharat Heavy Electricals Limited*

² *NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER.*

³ *DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE*

⁴ *CONTRACT VALUE*

⁵ *PROJECT/SUPPLY DETAILS*

⁶ *BG AMOUNT IN FIGURES AND WORDS*

⁷ *VALIDITY DATE*

⁸ *DATE OF EXPIRY OF CLAIM PERIOD*

Note:

1. The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Vendor/Contractor/Supplier /Bank issuing the guarantee.