



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :2577419
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: cmuthuvel@bheltry.co.in
Web:

429-002/A

| | | | |
|---|--------------------------------------|-----------------------------------|---|
| | Enquiry No 1901500204 - 58 | Enquiry Date 04.09.2015 | Due Date for Quotation 01.10.2015 |
| <p>Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.</p> | | | |

| Item | Description | Unit | Quantity | Delivery Quantity | Schedule Date |
|------|--|------|------------|-------------------|---------------|
| 10 | 130030081000 For Unit 1 (Bldg. 50): For Design, Erection, Commission, Maintenance of Cryogenic Vessel and Supply of Liquid Argon Gas Grade-2 for welding purpose as Per IS 5760:1998(Second Revision) Reaffirmed 2010 with Oxygen 4 PPM (maximum) and as per the annexure I technical requirements(for LAR System). Note (1) Validity period is 3 years. Note (2) Rental charges for the installation and maintenance of above has to be indicated seperately. Note (3) Bidder shall quote for unit rate plus transportation charges if any seperately for LAR gas Grade-2 for welding purpose as per IS 5760:1998 (Second revision) reaffirmed 2010 with oxygen 4 PPM maximum). (3a)Design, Erection and commissioning charges. (3b)Maintenance of LAR Vessel and associate items along with monthly facility charges. (3c)Liquid Argon Gas Grade-2 for welding purpose as Per IS 5760:1998(Second Revision) Reaffirmed 2010 with Oxygen 4 PPM (maximum) charges per cubic meter. | M3 | 255000.000 | 255,000.00 | 30.11.18 |
| 20 | 130030081000 For Unit 2: For Design, Erection, Commission, Maintenance of Cryogenic Vessel and Supply of Liquid Argon Gas Grade-2 for welding purpose as Per IS 5760:1998(Second Revision) Reaffirmed 2010 with Oxygen 4 PPM (maximum) and as per the annexure I technical requirements (for LAR System). Note (1) Validity period is 3 years. Note (2) Rental charges for the installation and maintenance of above has to be indicated seperately. Note (3) Bidder shall quote for unit rate plus transportation charges if | M3 | 525000.000 | 525,000.00 | 30.11.18 |

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

[Signature]
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

RECEIVED
PURCHASE DEPARTMENT
FOSSIL BOILERS
THIRUCHIRAPALLI
620014



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1901500204 / 04.09.2015

any seperately for LAR gas Grade-2 for welding purpose as per IS 5760:1998 (Second revision) reaffirmed 2010 with oxygen 4 PPM maximum).
(3a)Design, Erection and commissioning charges.
(3b)Maintenance of LAR Vessel and associate items along with monthly facility charges.
(3c)Liquid Argon Gas Grade-2 for welding purpose as Per IS 5760:1998(Second Revision) Reaffirmed 2010 with Oxygen 4 PPM (maximum) charges per cubic meter.

General Note:

FIXED FACILITY & LIQUID ARGON SUPPLY OF THIS ENQUIRY S.No.10 OF UNIT - I WILL BE EVALUATED AS A SEPERATE PACKAGE AND FIXED FACILITY & LIQUID ARGON SUPPLY OF THIS ENQUIRY S.No.20 OF UNIT - II WILL BE EVALUATED AS A SEPERATE PACKAGE.

VENDORS ARE REQUESTED TO SIGN ALL THE PAGES OF TENDER DOCUMENT WITHOUT FAIL AND SUBMIT THE SAME ALONG WITH TECHNICAL BID.

DEVIATIONS AND ACCEPTANCE SHALL BE CLEARLY INDICATED IN THE OFFER.

ENCLOSURES:

1. UNIT - I
 - A. TECHNICAL SPECIFICATION FOR UNIT I
 - B. ANNEXURE - A (COMMON FOR BOTH UNIT)
 - C. ANNEXURE - B I
 - D. ANNEXURE - C I
2. UNIT - II
 - A. TECHNICAL SPECIFICATION
 - B. ANNEXURE - A (COMMON FOR BOTH UNIT)
 - C. ANNEXURE - B II
 - D. ANNEXURE - C II

TECHNICAL, COMMERCIAL TERMS & CONDITIONS OF EACH LINE ITEM ARE ATTACHED ALONG WITH THIS ENQUIRY. TECHNICAL, COMMERCIAL TERMS & CONDITIONS OF RESPECTIVE LINE ITEM SHOULD BE SUBMITTED ALONG WITH THE OFFER.

INTERESTED VENDORS CAN QUOTE THEIR OFFER FOR ANY ONE LINE ITEM OR FOR BOTH THE LINE ITEM OF THIS ENQUIRY.

All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM
Room No: 26, Building 24, Ground Floor**

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

A. ARUL VIGNAN
Sr Engineer
Materials Management
BHEL TIRUCHY

chellu
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



BHARAT HEAVY ELECTRICALS LIMITED

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**Bharat Heavy Electricals Limited
TIRUCHIRAPALLI 620014**

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only
tender_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

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 <http://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.

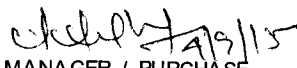
Enclosures:

"LD clause has to be confirmed without fail."

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

A. ARUL MOAY
Sr Engineer
Materials Management / PSS
BHEL, TIRUCHY - 620 014.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**


MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

ANNEXURE – A

TERMS AND CONDITIONS

1. The tender will be operated on two part bid basis i.e.
 - I. Techno-Commercial Bid &
 - II. Price Bid
2. The offer is to be submitted in a single envelope containing two envelopes. i.e. Part - I (Techno Commercial Bid) and Part - II (Price Bid).
3. **Part – I (Techno-Commercial Bid):**
 - I. Duly filled & signed Technical specifications for Unit – I
 - II. Duly filled & signed Technical specifications for Unit – II
 - III. Duly Signed Tender Document
 - IV. Duly signed Annexure – A (Terms and Conditions)
 - V. Duly filled & signed Annexure – B - I (Techno Commercial Bid for Unit - I)
 - VI. Duly filled & signed Annexure – B – II (Techno Commercial Bid for Unit - II)
 - VII. Signed and unfilled Annexure – C - I (Price Bid for Unit - I)
 - VIII. Signed and unfilled Annexure – C – II (Price Bid for Unit - II)

This Part – I document should be sealed in a separate envelope by clearly marked “Part I – Technical and Un-priced commercial bid” indicating Enquiry No., Due Date., address & reference of the bidder.

4. **Part – II (Price Bid):**
 - I. Duly filled and signed Annexure – C – I (Price Bid for Unit - I)
 - II. Duly filled and signed Annexure – C – II (Price Bid for Unit - II)

This price bid should be sealed in a separate envelope by clearly marked “Part II – Price bid” indicating Enquiry No., Due Date., Address & reference of the bidder.

5. You are requested to put the above two envelopes (Techno-Commercial Bid & Price Bid) inside a separate larger sealed envelope and this envelope shall be super scribed as “Techno-Commercial Bid and Price Bid “ for Enquiry No:Dt.: Due Dt.:
6. Your offer should be addressed to:
**Tender Opening Cell/MM,
Room No 26,
24 Building (Ground Floor),
Bharat Heavy Electricals Limited,
Tiruchirappalli - 620 014.**
7. Any clarifications related to the enquiry should be addressed to arulvijay@bheltry.co.in and tender number should be mentioned in the subject. Any clarifications without the reference of tender number in the subject will not be entertained.
8. Please submit point wise compliance to our specifications, terms and conditions. Otherwise it will be presumed that you are accepting BHEL's terms and conditions.
9. Each tender should be sealed with tenderer's distinctive seal and super scribed with correct tender no., item of supply and due date of opening. Two or more quotation should not be sent in one cover but the quotation against each tender should be sent separately to avoid confusion. Tender should not be addressed to any individual's name but only by designation.

10. Tenders should be free from CORRECTION AND ERASURES. Corrections if any must be attested; all amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall only be considered.

11. Discrepancy in “Words “& “Figures “

- a. 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.
- b. 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
- c. 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.

12. No revision of prices will be entertained after tenders are opened.

13. The offer should reach this office on or before the due date as mentioned in the enquiry by 14.00 Hrs. Tenders received after 14.00 Hrs will not be considered for evaluation. Offers through E-Mail/Fax will not be accepted. Any techno commercial clarifications/request for tender due date extensions with valid acceptable reasons to be addressed to BHEL prior to 48 hours of tender due date. BHEL reserves the rights to extend the due date as per their discretion.

14. Validity of quoted rates shall be valid minimum at least 90 days from the date of price bid opening. The quoted/Finalized rates shall be Firm till completion of the supplies.

15. The rates are to be quoted on F.O.R. destination basis only (Inclusive of Packing, Forwarding, and Freight and Transit Insurance charges to supplier account). Other delivery conditions like Ex-works / Ex-Godown/ Transportation of materials through transport carriers from your works up to the transport carrier's office at Tiruchy and taking delivery of goods by BHEL from such office of transport carriers is not acceptable to us and such offers will be summarily rejected.

16. Unloading at BHEL Site has to be done by the suppliers and BHEL will not be in a position to provide any handling / unloading facilities.

17. Payment Terms (Indigenous):-

Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials. Any deviation in the above payment term will attract loading as mentioned below.

“Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

18. Liquidated Damages / Penalty:-

(Any deviations in the LD shall attract loading to the extent of relaxation sought to which it is not agreed by the bidder at offered value).

In case of staggered delivery schedule, if the Supplier fails to deliver the quantity of any line item of the P.O within the period specified in that line item, Purchaser shall deduct Liquidated Damages, 0.5% of the undelivered portion per week delay or part thereof subject to maximum of 10% of the total order value

19. If any sales tax is payable as extra to the quoted price it should be specifically stated in quotations along with CST & VAT Number failing which the purchaser will not be liable for payment of sales tax. Our TIN 33243560005 dt.01.01.2007 & CST no 239383 DT, 11.06.1991.
20. On the due date of tender opening, only the technical bids will be 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. The price bids of techno-commercially suitable bidders will be opened on a later date with prior intimation to respective bidders.
21. Lowest price received against BHEL tenders need not be the technically acceptable one and in that case BHEL reserves the right not to consider the same. The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.
22. BHEL reserves the right to negotiate or re-float the tender opened if L1 price is not the lowest acceptable price to them inter-alia other reasons.
23. **Risk Purchase:**

Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in our LD clause.
24. **Cenvat Credit:**

If any Excise Duty is payable, the Chapter Head / Sub -head reference and the rate of the duty should be quoted. If the Tenderer is availing CENVAT credit for this input material, the effect of Proforma credit should be passed on to the purchaser. Tenderer under "CENVAT" shall be preferred.
25. Any other conditions which might have been quoted by the seller and are in contravention to the terms prescribed in the order and which have not been specifically accepted in by purchaser will not be applicable to the contract.
26. Bidders not confirming to the enquiry specification mentioned will be disqualified.
27. Any corrigendum related to the enquiry will be hosted in the BHEL website only, Bidders should visit the website(s) to keep themselves updated.
28. The correspondence between the bidder and BHEL through email is considered as valid document legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.
29. Bidders participating in the tender should declare in their technical bid whether they have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer, it will be construed that the bidder is not under any such hold. However, at a later date if it comes to the notice of BHEL about any such hold under enforcement, BHEL reserves the right to reject the offer at any point of time and also under any stage of the finalization of the tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably.
30. **Mobilization charges will be paid to the vendor based on the certification from the user department after commissioning and handing over of the system. (Demobilization charges will not be paid by BHEL).**

TECHNICAL SPECIFICATION FOR UNIT – I

Enquiry for Supply, Design, Transportation, Erection and Commissioning of one number of Liquid Argon cryogenic storage vessel of Capacity 10 KL to 13KL at UNIT – I / BHEL /HPBP /TRICHY with related associated items mentioned below & Supply Liquid Argon Gas Gr - II as per IS 5760 : 1998 / Second Revision reaffirmed 2010 with oxygen 4 ppm maximum.

Purpose:

This Liquid Argon is intended for welding purpose.

Charges to be quoted by the bidder:

Vendors are requested to quote,

- a. Monthly Rental charges for the LAR vessel and its associated items
- b. Mobilization, Erection and commissioning charges of the LAR vessel and its associated item.
- c. Argon Gas rate per M³ (Liquid to Gas conversion as per S.No.8 of Annexure – B – I (Techno Commercial Bid for Unit - I)).

All the above charges are to be quoted in the price bid format attached in the tender. The monthly rental & Liquid Argon charges quoted by the bidder shall be firm till completion of contract period and also for the extension period / amendment quantity if any.

1) Liquid Argon Cryogenic Vessel specification:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Vacuum Insulated Liquid Argon storage vessel of 10 to 13 KL and with 17 Kg/cm ² MAWP at UNIT – I, BHEL, HPBP –Trichy and the vessel is to be provided with required valves, fittings, gauges, vents, drain, rupture discs, etc., as per the requirements of statutory needs as specified by CCOE for the operational and maintenance convenient. Operation pressure shall be 10 Kg / cm ² . Year of manufacture of the vessel should be 2014 or later only accepted. | |

2) Vessel Associated items:

- a. Ambient vaporiser unit with following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|------------------|---------------------------|---------------------|
| Quantity | One Number. | |
| Capacity | 200 Nm ³ /hr. | |
| Duty | Continuous duty 24x7 Hrs. | |
| Material | Vendor to specify | |

- b. Argon Pressure Regulating Station – 2 No's with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|---------------------|--|---------------------|
| Quantity | 2 Numbers. [1 working and 1 standby.] | |
| Flow Rate | Flow rate of pressure regulation station to be 0 - 200 Nm ³ /hr | |
| Pressure | System shall with stand maximum pressure 17Kg/cm ² (g). Outlet pressure of the pressure regulating station to be 0 to 17 Kg/cm ² (g) | |
| General description | The regulating station shall consist of one working and one standby station with required isolation valves. | |
| | Required safety valves with vent line, pressure gauges, non-return valves, drain lines with valves are to be provided in the pressure regulating station. | |

TECHNICAL SPECIFICATION FOR UNIT – I

- c. Two sets of CO₂ Gas Manifolds for supply of CO₂ gas to Argon – CO₂ Gas mixture unit with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|--|--|----------------------------|
| Pressure | The working pressure of manifold is 200 Kg/cm ² (g). | |
| General Description (For each LAR System) | The manifold system shall be provided with pressure gauges, hoses with end fittings, relief valves with vent line and isolation valves. | |
| | Required supports for installing the manifold and suitable chains for securing the CO ₂ cylinders are to be provided along with the manifold. | |
| | Two number of suitable CO ₂ heaters at the outlet of each CO ₂ Gas Manifolds. | |
| For Unit 1 | Two sets of 2 x 5 cylinders. | |

- d. CO₂ Pressure Regulating station with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|-------------------------|---|----------------------------|
| Quantity | Two Numbers (1 working and 1 standby). | |
| Flow rate | Flow rate of pressure regulation station is 0 - 150 Nm ³ /hr. | |
| Pressure | Inlet pressure will be maximum 200 Kg/cm ² (g). | |
| | Outlet pressure is 0 to 30 Kg/cm ² (g). | |
| General description | The regulating station shall consists of one working and one standby station with required isolation valves. | |
| | Required CO ₂ filter, safety valves with vent line, pressure gauges, non-return valves, drain lines with valves are to be provided in the pressure regulating station. | |

- e. Argon-CO₂ Mixture with gas analyser unit (For Bldg.50 /Unit 1) with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|-------------------------|--|----------------------------|
| Quantity | One Number | |
| Type | Type may be mechanical or electrical. | |
| Capacity | Capacity of 0 to 2000 SCFH - 1 No. | |
| Range | Mixture range of 0 to 20 % of Carbon Dioxide (CO ₂) in Argon. | |
| Pressure | Outlet pressure of mixture to be 1.5 to 6 Kg/ cm ² and flow rate is 15 to 25 LPM. | |
| General description | Next to mixing chamber storage tank shall be required for smooth operation of machine. | |

TECHNICAL SPECIFICATION FOR UNIT – I

3) Period of contract

a. For vessel:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Two years commencing from 01.10.2015 and up to 30.09.2017. (Bidder shall ensure for the supply of (Argon + Carbon dioxide) mixed gas to BHEL UNIT – I from 01.10.2015 either by installation of all the system as per the BHEL requirement (or) by providing temporary arrangement from 01.10.2015. CO ₂ gas cylinders will be provided by BHEL during these contract period. On completion of contract period of two years, bidder / vendor can take back the LAR system with the approval of the competent authority of BHEL. If the vendor / bidder supplies the mixed gas through temporary arrangement, LAR vessel and its associated items should installed within 120 days from the date of receipt of Purchase Order at your end. | |

b. Period of contract for Liquid Argon:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| The Liquid Argon quantity provided in the tender is approximate and for two years up to 30.09.2017. If the quantity provision of 2, 55,000 M ³ is completed within the contract period of two years. BHEL reserves the right to procure Liquid Argon over and above the enquiry quantity of 2, 55,000 M ³ from the lowest competitive bidder through separate enquiry till completion of vessel contract period of 30.09.2017. If the original successful bidder of this enquiry agrees to match the lowest rate of Liquid Argon for the additional requirement being called for through separate enquiry at a later date, 30% of enquiry quantity will be ordered on them. | |

4) Pre closing:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| BHEL have the rights to short close the vessel contract period in prior to the contract completion period of two years, by three months prior notice to the vendor. The short closing is applicable only for the vessel and its associated items. (However Liquid product should be supplied by the bidder on the final agreed price till the completion of contract period (or) completion of Liquid Argon order quantity). | |

5) Delivery terms for Liquid Argon:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Supply in Bulk by bidder's / vendor's vehicle and to be decanted into storage vessel installed at our works BHEL, Trichy. Every supply should accompany its relevant test/purity certificate as per the standard 5760/1998 (second revision) reaffirmed 2010 with Oxygen 4 PPM (maximum)/ BHEL requirement. Calculation of volume of supply will be calculated as per Sl. No. 8 of Annexure – B – I (Techno Commercial Bid for Unit - I). Supply should be made within 48 Hrs of intimation. Bidder shall have license for the storage and transportation of compressed gases in accordance with static and mobile pressure vessels (latest). | |

TECHNICAL SPECIFICATION FOR UNIT – I

6) Evaluation of bids:

Offers received against this enquiry will be evaluated on package basis only. (i.e. Total cost to BHEL for temporary arrangement + Total landed cost of LAR system for the period of two years and the total landed cost of Liquid Argon for 2,55,000 M³ + Mobilisation, Erection and commissioning charges will be added together and from the arrived value, lowest bidder will be awarded with the contract). During temporary arrangement period, Argon gas supplied by the vendor will be paid with the rate quoted in the price bid against supply of Argon in bulk per Cu.M.

7) Technical acceptance and deviations:

It should be indicated in the technical offer of the bidder against BHEL requirement.

8) Evaluation criteria for the tender:

Vendor / Bidder who can provide LAR and its associated items as per BHEL requirement and Supply Liquid Argon as per BHEL specification can only quote for this tender. (Vendors offered for LAR and its associated items alone (or) Liquid supply alone will not be considered for this enquiry and such offers will be rejected).

9) Supplier / Bidder scope:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|--|---------------------|
| Civil input details like foundation drawing etc., are to be submitted to BHEL for approval within 10 days from PO date | |
| Foundation bolts & nuts, other fasteners required for the erection of equipment shall be provided by the bidder. | |
| All the necessary license / renewal of license like CCOE & etc., for the installation & operation of LAR and its related associated items shall be in the scope of bidder including all statutory fees. | |
| The installation of pipelines at the outlet of the ARGON-CO ₂ mixture unit and safety valves with vent line, non-return valves, pressure gauges, drain line with valve, piping with associated fittings and isolation valves, etc., is in the scope of the supplier / bidder. Hence please visit the site at our complex before submitting your offer and quote accordingly. Moreover all the necessary cranes / truck / tools / tackles & man power should be arranged by the bidder themselves. | |

10) Preventive and Breakdown maintenance:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Bidder should regularly inspect and certify the healthy operation of the equipment LAR vessel and its associated items as required by BHEL. Moreover monthly report should be submitted by the bidder. | |
| Required spares for the (Preventive maintenance & Breakdown maintenance and also for the continuous operation of the total installation is at bidder's scope. | |
| On the occasion of breakdown of the system, bidder should depute their engineer and restore the system in to normal operation within 24 Hrs from the time of intimation. In case failure of the system for more than 24 Hrs, penalty @ 2% per day will be charged on the monthly rental rate and the same will be deducted from the invoice raised by the bidder in respective month invoice. | |
| Calibration of the mixing unit is scope of the bidder. | |

TECHNICAL SPECIFICATION FOR UNIT – I

11) Manuals:

Bidder should provide (3 hard copy + 1 soft copy) of the following documents,

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|--|---------------------|
| Built process & Instrumentation diagram of LAR vessel | |
| Do's and Don'ts | |
| MSDS of the product supplied. | |
| Standard Operating Procedure of Cryogenic Storage vessel and its associated items. | |
| Liquid Level gauge calibration chart | |
| Volume equivalent chart | |
| CCOE approved certificate | |
| Tank Test Certificate | |
| Any other documents if required shall also be submitted with the | |
| Any other documents related to the vessel should be submitted along with the manual. | |

12) Training:

Firm should provide necessary training regarding operation and safety aspects of the Cryogenic equipment/product.

13) BHEL Scope:

Civil platform, Power supply, Water, Welding electrodes, Oxy-acetylene gas, LPG & consumables etc., will be provided by BHEL.

14) Performance:

After commissioning of the LAR storage vessel and its accessories its performance should be witnessed by the Production, Welding Technology Centre and Maintenance & Services.

15) Earnest Money Deposit:

Not Applicable.

16) Security Deposit:

Not Applicable.

17) Mobilization charges will be paid to the vendor based on the certification from the user department after commissioning and handing over of the system. Demobilization charges will not be paid by BHEL.

18) In case of any additional information or clarification, Bidders may visit the site before quoting on all working days between 09.00 to 15.00 Hrs.

ANNEXURE – B - I

TECHNO COMMERCIAL BID FOR UNIT - I

| S. NO | DESCRIPTION | BHEL REQUIREMENTS | SUPPLIER CONFIRMATION / DEVIATION (STRIKEOUT WHICHEVER IS NOT APPLICABLE) |
|-------|---|---|--|
| 1 | VALIDITY | 90 DAYS FROM DATE OF PRICE BID OPENING | NON DEVIATABLE |
| 2 | PAYMENT TERMS | RENTAL : WILL BE PAID AFTER 45 FROM THE END OF THAT MONTH ON CERTIFICATION OF THE USER | ACCEPTED / NOT ACCEPTED |
| | | LIQUID SUPPLY: AFTER 45 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIALS AT BHEL (FOR DETAILS PLEASE READ S.NO:17 OF "ANNEXURE – A") | ACCEPTED / NOT ACCEPTED |
| 3 | PENALTY | (FOR DETAILS PLEASE READ S.NO:10 OF TECHNICAL SPECIFICATION FOR UNIT – I) | NON DEVIATABLE |
| 4 | LD CLAUSE | (FOR DETAILS PLEASE READ S.NO:18 OF "ANNEXURE – A") | NON DEVIATABLE |
| 5 | RISK PURCHASE CLAUSE | (FOR DETAILS PLEASE READ S.NO: 23 OF "ANNEXURE – A") | NON DEVIATABLE |
| 6 | CONTACT PERSON DETAILS | NAME: MOBILE NO: EMAIL : | |
| 7 | AGREE TO SUPPLY LIQUID ARGON VESSAL AND ITS ASSOCIATED ITEMS ON MONTHLY RENTAL BASIS FOR TWO YEARS | | YES / NO |
| | AND AGREE TO SUPPLY LIQUID ARGON GR – II AS PER IS 5760:1998 (SECOND REVISION) REAFFIRMED 2010 WITH OXYGEN 4 PPM (MAXIMUM) | | YES / NO |
| 8 | ACCEPTANCE FOR THE CONVERSION FACTOR OF VOLUME OF SUPPLY: 1 KG OF LIQUID ARGON = 0.6169 CUBIC METRES OF LIQUID ARGON. | | YES / NO |
| 9 | ACCEPT FOR THE CONTRACT CLOSING CONDITION EARLY TO THE CONTRACT PERIOD OF TWO YEARS AS MENTIONED IN THE S.NO.4 OF TECHNICAL SPECIFICATION OF THIS TENDER | | NON DEVIATABLE |
| 10 | CALIBRATION OF MIXER UNIT IS SCOPE OF THE BIDDER AND CALIBRATION PERIOD OF THE MIXER UNIT SHOULD BE SPECIFIED BY THE BIDDER | | (SPECIFIED BY THE BIDDER) |
| 11 | ALL THE SAFETY REQUIREMENT AND SIGN BOARDS FOR THE SAFETY OF THE SYSTEM SHOULD BE PROVIDED BY THE VENDOR. | | NON-DEVIATABLE |
| 12 | VESSEL OFFERED BY THE BIDDER IS MANUFACTURED IN THE YEAR 2014 OR LATER. | | YES / NO |
| 13 | AGREE TO ISSUE TEST CERTIFICATE WITH EACH LOAD OF LIQUID ARGON SUPPLY AND MSDS ALONG WITH FIRST LOAD OF LIQUID ARGON SUPPLY. | | YES / NO |
| 14 | BIDDERS HAVE TO CONFIRM THAT WHETHER THEY HAVE BEEN BLACK-LISTED / KEPT ON HOLD / GIVEN BUSINESS HOLIDAY FOR A SPECIFIED PERIOD BY ANY PUBLIC SECTOR UNDERTAKING OR GOVERNMENT DEPARTMENTS/ANY OTHER UNITS OF BHEL. (WITH REFERENCE TO S.NO.29 OF ANNEXURE – A). | | YES / NO |

ANNEXURE – C - I

PRICE BID FOR UNIT – I

RENTAL FOR THE TEMPORARY MIXTURE ARRANGEMENT:

| S.NO | DESCRIPTION | NO OF MONTH (TO BE INDICATED BY THE VENDOR) | RENTAL / MONTH |
|-----------------|---|---|----------------|
| 1 | RENTAL FOR THE TEMPORARY (ARGON) MIXTURE ARRANGEMENT SYSTEM. (IN CASE TEMPORARY SUPPLY THROUGH CYLINDERS THIS RENTAL WILL NOT BE PAID). | | |
| 2 | EXCISE DUTY / SERVICE TAX @ _____% | | |
| 3 | TAX @ _____% | | |
| TOTAL PER MONTH | | | |

AMOUNT IN WORDS:

RENTAL FOR THE LAR VESSEL AND ITS ASSOCIATED ITEMS:

| S.NO | DESCRIPTION | RENTAL / MONTH |
|-----------------|--|----------------|
| 1 | RENTAL FOR THE LIQUID ARGON CRYOGENIC VESSEL OF 10 KL TO 13 KL AND ITS ASSOCIATED ITEMS INDICATED IN THE TENDER. | |
| 2 | EXCISE DUTY / SERVICE TAX @ _____% | |
| 3 | TAX @ _____% | |
| TOTAL PER MONTH | | |

AMOUNT IN WORDS:

ANNEXURE – C - I

PRICE BID FOR UNIT – I

SUPPLY OF LIQUID ARGON GAS GR – II (IS 5760: 1998 / SECOND REVISION) REAFFIRMED 2010 WITH OXYGEN 4 PPM (MAXIMUM). QUANTITY – 2, 55,000 M³:

| S.NO | DETAILS | RATE PER M ³ |
|-------------------------------------|---|-------------------------|
| 1 | BASIC RATE (BASIC RATE SHALL BE INCLUSIVE OF ALL OTHER CHARGES LIKE PACKING & FORWARDING, HANDLING, FREIGHT & INSURANCE, ETC.) | |
| 2 | EXCISE DUTY @ _____ % | |
| 3 | VAT @ _____ % / CST@ _____ % (AGAINST FORM 'C') | |
| TOTAL RATE PER M³ | | |

AMOUNT IN WORDS (FOR BHEL/HPBP):

MOBILISATION, ERECTION & COMMISSIONING CHARGES:

| S.NO | DETAILS | FOR TOTAL SYSTEM IN Rs. |
|--------------|---|-------------------------|
| 1 | MOBILISATION OF VESSEL AND ITS ASSOCIATED ITEMS, CHARGES FOR ERECTION & COMMISSIONING OF THE VESSEL AND ITS ASSOCIATED ITEMS. (DEMOBILIZATION CHARGES WILL NOT BE PAID BY BHEL.) | |
| 2 | APPLICABLE TAX _____ @ _____ % | |
| 3 | OTHER TAX IF ANY _____ @ _____ % | |
| TOTAL | | |

AMOUNT IN WORDS:

TECHNICAL SPECIFICATION FOR UNIT – II

Enquiry for Supply, Design, Transportation, Erection and Commissioning of one number of Liquid Argon cryogenic storage vessel of Capacity 13 KL to 20 KL at UNIT – II / BHEL / HPBP /TRICHY with related associated items mentioned below & Supply Liquid Argon Gr - II (as per IS 5760 : 1998 / Second Revision reaffirmed 2010 with oxygen 4 ppm maximum.

Purpose:

This Liquid Argon is intended for welding purpose.

Charges to be quoted by the bidder:

Vendors are requested to quote,

- a. Monthly rental charges for the LAR vessel and its associated items.
- b. Mobilization, Erection and commissioning charges of the LAR vessel and its associated item.
- c. Argon Gas rate per M³ (Liquid to Gas conversion as per S.No.8 of Annexure – B – II (Techno Commercial Bid for Unit - II)).

All the above charges are to be quoted in the price bid format attached in the tender. The monthly rental & Liquid Argon charges quoted by the bidder shall be firm till completion of contract period and also for the extension period / amendment quantity if any.

1) Liquid Argon Cryogenic Vessel specification:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|--|---------------------|
| Vacuum Insulated Liquid Argon storage vessel of capacity 13 to 20 KL and with 17 Kg/cm ² MAWP at UNIT – II, BHEL, HPBP –Trichy and the vessel is to be provided with required valves, fittings, gauges, vents, drain, rupture discs, etc., as per the requirements of statutory needs as specified by CCOE for the operational and maintenance convenient. Operation pressure shall be 10 Kg / cm ² . Note: Year of manufacture of the LAR vessel should be 2014 or later only accepted. | |

2) Vessel associated items:

- a. Ambient vaporiser unit with following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|------------------|---------------------------|---------------------|
| Quantity | One Number. | |
| Capacity | 200 Nm ³ /hr. | |
| Duty | Continuous duty 24x7 Hrs. | |
| Material | Vendor to specify | |

- b. Argon Pressure Regulating Station – 2 No's with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|---------------------|---|---------------------|
| Quantity | 2 Numbers. [1 working and 1 standby.] | |
| Flow Rate | Flow rate of pressure regulation station to be 0 - 200 Nm ³ /hr | |
| Pressure | System shall with stand maximum pressure 17Kg/cm ² (g). Outlet pressure of the pressure regulating station to be 0 to 17 Kg/cm ² (g) | |
| General description | The regulating station shall consist of one working and one standby station with required isolation valves. | |
| | Required safety valves with vent line, pressure gauges, non-return valves, drain lines with valves are to be provided in the pressure regulating station. | |

TECHNICAL SPECIFICATION FOR UNIT – II

- c. Two sets of CO₂ Gas Manifolds for supply of CO₂ gas to Argon – CO₂ Gas mixture unit with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|--|--|----------------------------|
| Pressure | The working pressure of manifold is 200 Kg/cm ² (g). | |
| General description (For each LAR System) | The manifold system shall be provided with pressure gauges, hoses with end fittings, relief valves with vent line and isolation valves. | |
| | Required supports for installing the manifold and suitable chains for securing the CO ₂ cylinders are to be provided along with the manifold. | |
| | Two number of suitable CO ₂ heaters at the outlet of each CO ₂ Gas Manifolds. | |
| For Unit - II | Two sets of 2 x 10 cylinders. | |

- d. CO₂ Pressure Regulating station with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|-------------------------|---|----------------------------|
| Quantity | Two Numbers (1 working and 1 standby). | |
| Flow rate | Flow rate of pressure regulation station is 0 - 150 Nm ³ /hr. | |
| Pressure | Inlet pressure will be maximum 200 Kg/cm ² (g). | |
| | Outlet pressure is 0 to 30 Kg/cm ² (g). | |
| General Description | The regulating station shall consists of one working and one standby station with required isolation valves. | |
| | Required CO ₂ filter, safety valves with vent line, pressure gauges, non-return valves, drain lines with valves are to be provided in the pressure regulating station. | |

- e. Argon-CO₂ Mixture with gas analyser unit.(For Unit – II) with the following specification:

| BHEL REQUIREMENT | | VENDOR CONFIRMATION |
|-------------------------|--|----------------------------|
| Quantity | Three Numbers | |
| Type | Type may be mechanical or electrical. | |
| Capacity | Capacity of 0 to 2000 SCFH - 2 Nos. Capacity of 0 to 750 SCFH – 1 No. | |
| Range | Mixture range of 0 to 20 % of Carbon Dioxide (CO ₂) in Argon. | |
| Pressure | Outlet pressure of mixture to be 1.5 to 6 Kg/ cm ² and flow rate is 15 to 25 LPM. | |
| General description | Next to mixing chamber storage tank shall be required for smooth operation of machine. | |

TECHNICAL SPECIFICATION FOR UNIT – II

3) Period of Contract:

a. For Vessel:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Two years commencing from 01.10.2015 and up to 30.09.2017. (Bidder shall ensure for the supply (Argon + Carbon dioxide) mixed gas to BHEL UNIT – II from 01.10.2015 either by installation of all the system as per the BHEL requirement (or) by providing temporary arrangement from 01.10.2015. CO ₂ gas cylinders will be provided by BHEL during these contract period. On completion of contract period of two years, bidder / vendor can take back the LAR system with the approval of the competent authority of BHEL. If the vendor / bidder supplies the mixed gas through temporary arrangement, LAR vessel and its associated items should installed within 120 days from the date of receipt of Purchase Order at your end. | |

b. Period of contract for Liquid Argon:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|--|---------------------|
| The Liquid Argon quantity provided in the tender is approximate and for two years up to 30.09.2017. If the quantity provision of 5, 25,000 M ³ is completed within the contract period of two years. BHEL reserves the right to procure Liquid Argon over and above the enquiry quantity of 5, 25,000 M ³ from the lowest competitive bidder through separate enquiry till completion of vessel contract period of 30.09.2017. If the original successful bidder of this enquiry agrees to match the lowest rate of Liquid Argon for the additional requirement being called for through separate enquiry at a later date, 30% of enquiry will be ordered on them. | |

4) Pre closing of contract:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| BHEL have the rights to short close the vessel contract period in prior to the contract completion period of two years, by three months prior notice to the vendor. The short closing is applicable only for the vessel and its associated items. (However Liquid product should be supplied by the bidder on the final agreed price till the completion of contract period (or) completion of Liquid Argon order quantity). | |

5) Delivery terms for Liquid Argon:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Supply in Bulk by bidder's / vendor's vehicle and to be decanted into storage vessel installed at our works BHEL, Trichy. Every supply should accompany its relevant test/purity certificate as per the standard 5760/1998 (second revision) reaffirmed 2010 with Oxygen 4 PPM (maximum)/ BHEL requirement. Calculation of volume of supply will be calculated as per Sl. No. 8 of Annexure – B – II (Techno Commercial Bid for Unit - II). Supply should be made within 48 Hrs of intimation. Bidder shall have license for the storage and transportation of compressed gases in accordance with static and mobile pressure vessels (latest). | |

TECHNICAL SPECIFICATION FOR UNIT – II

6) Evaluation of bids:

Offers received against this enquiry will be evaluated on package basis only. (i.e. Total cost to BHEL for temporary arrangement + Total landed cost of LAR system for the period of two years and the total landed cost of Liquid Argon for 5,25,000 M³ + Mobilisation, Erection & Commissioning charges will be added together and form the arrived value, lowest bidder will be awarded with the contract). **During temporary arrangement period, Argon gas supplied by the vendor will be paid with the rate quoted in the price bid against supply of Argon in bulk per Cu.M.**

7) Technical acceptance and deviations:

It should be indicated in the technical offer of the bidder against BHEL requirement.

8) Evaluation criteria for the tender:

Vendor / Bidder who can provide LAR and its associated items as per BHEL requirement and Supply Liquid Argon as per BHEL specification can only quote for this tender. (Vendors offered for LAR and its associated items alone (or) Liquid supply alone will not be considered for this enquiry and such offers will be rejected).

9) Supplier / Bidder scope:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Civil input details like foundation drawing etc., are to be submitted to BHEL for approval within 10 days from PO date. | |
| Foundation bolts & nuts, other fasteners required for the erection of equipment should be provided by the bidder | |
| All the necessary license / renewal of license like CCOE & etc., for the installation & operation of LAR and its related associated items shall be in the scope of bidder including all statutory fees. | |
| The installation of Pipelines at the outlet of the ARGON-CO ₂ mixture unit and safety valves with vent line, non-return valves, pressure gauges, drain line with valve piping with associated fittings and isolation valves, etc., is in the scope of the supplier / bidder. Hence please visit the site at our complex before submitting your offer and quote accordingly. Moreover all the necessary cranes / truck / tools / tackles & man power should be arranged by the bidder themselves. | |

10) Preventive and Breakdown maintenance:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|---|---------------------|
| Bidder should regularly inspect and certify the healthy operation of the equipment LAR vessel and its associated items every month and the monthly report should be submitted by the bidder. | |
| Required spares for the (Preventive maintenance & Breakdown maintenance and also for the Continuous operation of the total installation is at bidder's scope. | |
| On the occasion of breakdown of the system, bidder should depute their engineer and restore the system in to normal operation 24 Hrs from the time of intimation. In case failure of the system for more than 24 Hrs, penalty @ 2% per day will be charged on the monthly rate and the same will be deducted from the invoice raised by the bidder in respective month invoice. | |
| Calibration of the mixing unit is scope of the bidder. | |

TECHNICAL SPECIFICATION FOR UNIT – II

11) Manuals:

Bidder should provide (3 hard copy + 1 soft copy) of the following documents,

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|--|---------------------|
| Built process & Instrumentation diagram of LAR vessel | |
| Do's and Don'ts | |
| MSDS of the product supplied. | |
| Standard Operating Procedure of Cryogenic Storage vessel and its associated items. | |
| Liquid Level gauge calibration chart | |
| Volume equivalent chart | |
| CCOE approved certificate | |
| Tank Test Certificate | |
| Any other documents if required shall also be submitted with the manual. | |
| Any other documents related to the vessel should be submitted along with the manual. | |

12) Training:

| BHEL REQUIREMENT | VENDOR CONFIRMATION |
|--|---------------------|
| On placement of order of the above system, vendor should provide necessary training regarding operation and safety aspects of the Cryogenic equipment/product. | |

13) BHEL Scope:

Civil platform, Power supply, Water, Welding electrodes, Oxy-acetylene gas, LPG & consumables etc., will be provided by BHEL.

14) Performance:

After commissioning of the LAR storage vessel and its accessories its performance should be witnessed by the Production, Welding Technology Centre / Maintenance & Services.

15) **Earnest Money Deposit:** Not Applicable.

16) **Security Deposit:** Not Applicable.

17) **Mobilization charges will be paid to the vendor based on the certification from the user department after commissioning and handing over of the system. (Demobilization charges will not be paid by BHEL).**

18) In case of any additional information or clarification, Bidders may visit the site before quoting on all working days between 09.00 to 15.00 Hrs.

ANNEXURE – B - II

TECHNO COMMERCIAL BID FOR UNIT - II

| S. NO | DESCRIPTION | BHEL REQUIREMENTS | SUPPLIER CONFIRMATION / DEVIATION (STRIKEOUT WHICHEVER IS NOT APPLICABLE) |
|-------|---|---|---|
| 1 | VALIDITY | 90 DAYS FROM DATE OF PRICE BID OPENING | NON DEVIATABLE |
| 2 | PAYMENT TERMS | RENTAL : WILL BE PAID AFTER 45 FROM THE END OF THAT MONTH ON CERTIFICATION OF THE USER | ACCEPTED / NOT ACCEPTED |
| | | LIQUID SUPPLY: AFTER 45 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIALS AT BHEL (FOR DETAILS PLEASE READ S.NO:17 OF "ANNEXURE – A") | ACCEPTED / NOT ACCEPTED |
| 3 | PENALTY | (FOR DETAILS PLEASE READ S.NO:10 OF TECHNICAL SPECIFICATION FOR UNIT – II) | NON DEVIATABLE |
| 4 | LD CLAUSE | (FOR DETAILS PLEASE READ S.NO:18 OF "ANNEXURE – A") | NON DEVIATABLE |
| 5 | RISK PURCHASE CLAUSE | (FOR DETAILS PLEASE READ S.NO: 23 OF "ANNEXURE – A") | NON DEVIATABLE |
| 6 | CONTACT PERSON DETAILS | NAME: MOBILE NO: EMAIL : | |
| 7 | AGREE TO SUPPLY LIQUID ARGON VESSAL AND ITS ASSOCIATED ITEMS ON MONTHLY RENTAL BASIS FOR TWO YEARS | | YES / NO |
| | AND AGREE TO SUPPLY LIQUID ARGON GR – II AS PER IS 5760:1998 (SECOND REVISION) REAFFIRMED 2010 WITH OXYGEN 4 PPM (MAXIMUM) | | YES / NO |
| 8 | ACCEPTANCE FOR THE CONVERSION FACTOR OF VOLUME OF SUPPLY: 1 KG OF LIQUID ARGON = 0.6169 CUBIC METRES OF LIQUID ARGON. | | YES / NO |
| 9 | ACCEPT FOR THE CONTRACT CLOSING CONDITION EARLY TO THE CONTRACT PERIOD OF TWO YEARS AS MENTIONED IN THE S.NO.4 OF TECHNICAL SPECIFICATION OF THIS TENDER | | NON DEVIATABLE |
| 10 | CALIBRATION OF MIXER UNIT IS SCOPE OF THE BIDDER AND CALIBRATION PERIOD OF THE MIXER UNIT SHOULD BE SPECIFIED BY THE BIDDER | | (SPECIFIED BY THE BIDDER) |
| 11 | ALL THE SAFETY REQUIREMENT AND SIGN BOARDS FOR THE SAFETY OF THE SYSTEM SHOULD BE PROVIDED BY THE VENDOR. | | NON-DEVIATABLE |
| 12 | VESSEL OFFERED BY THE BIDDER IS MANUFACTURED IN THE YEAR 2014 OR LATER. | | YES / NO |
| 13 | AGREE TO ISSUE TEST CERTIFICATE WITH EACH LOAD OF LIQUID ARGON SUPPLY AND MSDS ALONG WITH FIRST LOAD OF LIQUID ARGON SUPPLY. | | YES / NO |
| 14 | BIDDERS HAVE TO CONFIRM THAT WHETHER THEY HAVE BEEN BLACK-LISTED / KEPT ON HOLD / GIVEN BUSINESS HOLIDAY FOR A SPECIFIED PERIOD BY ANY PUBLIC SECTOR UNDERTAKING OR GOVERNMENT DEPARTMENTS/ANY OTHER UNITS OF BHEL. (WITH REFERENCE TO S.NO.29 OF ANNEXURE – A). | | YES / NO |

ANNEXURE – C - II

PRICE BID FOR UNIT – II

RENTAL FOR THE TEMPORARY MIXTURE ARRANGEMENT:

| S.NO | DESCRIPTION | NO OF MONTH (TO BE INDICATED BY THE VENDOR) | RENTAL / MONTH |
|-----------------|---|---|----------------|
| 1 | RENTAL FOR THE TEMPORARY (ARGON) MIXTURE ARRANGEMENT SYSTEM. (IN CASE TEMPORARY SUPPLY THROUGH CYLINDERS THIS RENTAL WILL NOT BE PAID). | | |
| 2 | EXCISE DUTY / SERVICE TAX @ _____% | | |
| 3 | TAX @ _____% | | |
| TOTAL PER MONTH | | | |

AMOUNT IN WORDS:

RENTAL FOR THE LAR VESSEL AND ITS ASSOCIATED ITEMS:

| S.NO | DESCRIPTION | RENTAL / MONTH |
|-----------------|--|----------------|
| 1 | RENTAL FOR THE LIQUID ARGON CRYOGENIC VESSEL OF 10 KL TO 13 KL AND ITS ASSOCIATED ITEMS INDICATED IN THE TENDER. | |
| 2 | EXCISE DUTY / SERVICE TAX @ _____% | |
| 3 | TAX @ _____% | |
| TOTAL PER MONTH | | |

AMOUNT IN WORDS:

ANNEXURE – C - II

PRICE BID FOR UNIT – II

SUPPLY OF LIQUID ARGON GAS GR – II (IS 5760: 1998 / SECOND REVISION) REAFFIRMED 2010 WITH OXYGEN 4 PPM (MAXIMUM). QUANTITY – 5, 25,000 M³:

| S.NO | DETAILS | RATE PER M ³ |
|-------------------------------|---|-------------------------|
| 1 | BASIC RATE (BASIC RATE SHALL BE INCLUSIVE OF ALL OTHER CHARGES LIKE PACKING & FORWARDING, HANDLING, FREIGHT & INSURANCE, ETC.) | |
| 2 | EXCISE DUTY @ _____ % | |
| 3 | VAT @ _____ % / CST@ _____ % (AGAINST FORM 'C') | |
| TOTAL RATE PER M ³ | | |

AMOUNT IN WORDS (FOR BHEL/HPBP):

MOBILISATION, ERECTION & COMMISSIONING CHARGES:

| S.NO | DETAILS | FOR TOTAL SYSTEM IN Rs. |
|--------------|---|-------------------------|
| 1 | MOBILISATION OF VESSEL AND ITS ASSOCIATED ITEMS, CHARGES FOR ERECTION & COMMISSIONING OF THE VESSEL AND ITS ASSOCIATED ITEMS. (DEMOBILIZATION CHARGES WILL NOT BE PAID BY BHEL.) | |
| 2 | APPLICABLE TAX _____ @ _____ % | |
| 3 | OTHER TAX IF ANY _____ @ _____ % | |
| TOTAL | | |

AMOUNT IN WORDS:
