

DETAIL	INFORMATION
Contact Person and Address	M.NALLATHAMBI SENIOR MANAGER / CCDP PURCHASE DEPARTMENT/R&D and CR UNIT – HPBP BHEL, TIRUCHY, INDIA PIN : 620 014
Email	mnthambi@bheltry.co.in
Telephone	0091-431-257 7558, 257 7152
Fax	0091-431-2520696, 2520193
Notification (Reference) No.	2821400015 – CR Dt. 22/12/2014
Tender Title	SUPPLY OF CARBON CYLINDERS WITH SPECIALITY GASES
Tender Type	BUY – Two Part
Brief Description	Supply of Carbon Cylinders with Speciality Gases as per the specification, commercial terms & conditions enclosed
Published in Newspaper	NO
Published On	--
Tender Value in Rs	--
EMD Value - Rs	NIL
Document Cost- Rs	NIL
Date of Issue of Notification -DD/MM/YY	
Date for Closure of Sale of Forms - DD/MM/YY	Not Applicable
Completed Forms to be submitted by - DD/MM/YY	20/01/2015 : 14.00 Hrs IST
Date of Opening for Technical Bids - DD/MM/YY	20/01/2015 : 14.30 Hrs IST

Note:

If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.

All clarification may be sought at least seven days prior to tender due date from the undersigned with due written request.

Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> (or) <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

The offer should reach this office on or before the due date & we are not responsible for any postal delay. Late tender will not be considered.



429-002/A

BHARAT HEAVY ELECTRICALS LIMITED

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

2577152

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PHONE : ~~2577388~~
GRAMS : BHARATELEC
FAX NO: 2520696
E-mail: ssraj@bheltry.co.in
Web:

	Enquiry No	Enquiry Date	Due Date for Quotation
	2821400015	22.12.2014	20.01.2015
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	Oxygen gas cylinder 47 Ltr w/c carbon steel cylinder along with neckring,cap and valve. Oxygen cylinder with filling of oxygen of 99.999% purity at 130-140 Kg/sq. cm AS PER THE SPECIFICATION ATTACHED Oxygen gas cylinder	NO	2.000	2.00	16.03.15
20	Nitrogen gas cylinder 47 Ltr w/c carbon steel cylinder along with neckring,cap and valve. Nitrogen cylinder with filling of nitrogen of 99.999% purity at 130-140 Kg/sq. cm AS PER THE SPECIFICATION ATTACHED Nitrogen gas cylinder	NO	5.000	5.00	16.03.15
30	Air gas cylinder 47 Ltr w/c carbon steel cylinder along with neckring,cap and valve. Air cylinder with filling of air of 99.999% purity at 130-140 Kg/sq. cm AS PER THE SPECIFICATION ATTACHED Air gas cylinder	NO	5.000	5.00	16.03.15
40	HELIUM GAS CYLINDER 47 Ltr w/c carbon steel cylinder along with neckring,cap and valve. Helium cylinder with filling of Helium of 99.999% purity at 130-140 Kg/sq. cm AS PER THE SPECIFICATION ATTACHED HELIUM GAS CYLINDER	NO	5.000	5.00	16.03.15
50	P10 gas cylinder 47 Ltr w/c carbon steel cylinder along with neckring,cap and valve. P10 cylinder with filling of P10 of 90% argon and 10% methane purity at 130-140 Kg/sq. cm AS PER THE SPECIFICATION ATTACHED P10 gas cylinder	NO	5.000	5.00	16.03.15

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**

S. SUBBURAJ
Manager
Purchase / R&D and CR
Bharat Heavy Electricals Limited
Tiruchirappalli - 620 014

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



BHARAT HEAVY ELECTRICALS LIMITED

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

2577152

PHONE: ~~2577303~~
GRAMS : BHARATELEC
FAX NO: 2520696
E-mail: ssraj@bheltry.co.in
Web:

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2821400015 / 22.12.2014

General Note:

NOTE :

- 1) Offer will be invited in TWO PART BID only
(Technical bid and Price bid - Two separate covers- "TECHNICAL BID"
Cover and "PRICE BID" Cover);
- 2) If regretted make mention on the top of the reply cover as
"REGRETTED";
- 3) Test Certificate and guarantee certificate is to be submitted;
- 4) LD Clause for delivery has to be confirmed without fail.
Otherwise we would assume that you have accepted our LD
Clause;
- 5) BHEL preferred payment term is "100% direct Payment
after 45 days from the date of receipt and acceptance of
the material". This payment term acceptance is essential for
consideration of your offer. Offer with advance payment or
proforma invoice will not be considered;
- 6) Transport and Delivery at BHEL - shall be Vendor's scope. Vendor
shall give transportation cost for shipping all the gas cylinder from
vendor works to BHEL Trichy. Without this the offer will not be
considered;
- 7) No Revision of prices will be entertained after the tenders are
opened;
- 8) Offer validity should be minimum 60 days from the
date of opening, otherwise we are not in position to
consider your offer;
- 9) Kindly submit point wise compliance to our Terms &
Condition. Otherwise it will be presumed that you are accepting
BHEL's terms and conditions.
- 10) Technical specification is enclosed;
- 11) Tender details also hosted in BHEL Web: www.bhel.com
- 12) Order will be placed considering the overall destination price of
all items.

Enclosures:

"LD clause has to be confirmed without fail."


**OFFER IS TO BE SENT TO THE
FOLLOWING ADDRESS**

**AGM / CCDP & MM
Purchase Department
CCDP, BHEL
TIRUCHIRAPALLI - 620 014
TAMIL NADU, INDIA**

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**

S. SUBBURAJ
Manager
Purchase / R & D and CR
Bharat Heavy Electricals Limited
Tiruchirappalli - 620 014


MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



(An ISO 9001 Company)

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Tiruchirapalli-620014, Tamil Nadu, India

COAL RESEARCH CENTRE

TECHNICAL SPECIFICATION

Air Cylinder

A.Specification of the Cylinder

S.NO	ITEM	AIR CYLINDER
1	Cylinder Capacity	47 Ltr. W/c
2	Hydraulic Test Pressure	250Kg/Sq.cm.
3	Cylinder colour Coding	As Per BIS 4379
4	Cylinder Material and construction	As Per BIS 7285
5	Manufacturer's Test Certificates	Required.
6	Chief controller of Explosives certificate	Required.
7	Cylinder valves (non-ferrous) required	As Per BIS 3224
8	Cylinder Cap and neck guard	Required

B.Specification of the gas to be filled

S.NO	ITEM	AIR
1	Filling Pressure	150 Kg/Sq.cm.
2	Purity of gas	IOLAR Grade 1 or UHP grade with 99.999% purity
3	Certificate of the gas purity	Required.



(An ISO 9001 Company)

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Tiruchirapalli-620014, Tamil Nadu, India

COAL RESEARCH CENTRE

TECHNICAL SPECIFICATION

Nitrogen Cylinder

A.Specification of the Cylinder

S.NO	ITEM	NITROGEN CYLINDER
1	Cylinder Capacity	47 Ltr.W/c
2	Hydraulic Test Pressure	250Kg/Sq.cm.
3	Cylinder colour Coding	As Per BIS 4379
4	Cylinder Material and construction	As Per BIS 7285
5	Manufacturer's Test Certificates	Required.
6	Chief controller of Explosives certificate	Required.
7	Cylinder valves (non-ferrous) required	As Per BIS 3224
8	Cylinder Cap and neck guard	Required

B.Specification of the gas to be filled

S.NO	ITEM	NITROGEN
1	Filling Pressure	150 Kg/Sq.cm.
2	Purity of gas	IOLAR Grade 1 or UHP grade with 99.999 % purity
3	Certificate of the gas purity	Required.



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BHARAT HEAVY ELECTRICALS LIMITED

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Tiruchirapalli-620014, Tamil Nadu, India

COAL RESEARCH CENTRE

TECHNICAL SPECIFICATION

Helium Cylinder

A.Specification of the Cylinder

S.NO	ITEM	HELIUMCYLINDER
1	Cylinder Capacity	47Ltr.W/c
2	Hydraulic Test Pressure	250Kg/Sq.cm.
3	Cylinder colour Coding	As Per BIS 4379
4	Cylinder Material and construction	As Per BIS 7285
5	Manufacturer's Test Certificates	Required.
6	Chief controller of Explosives certificate	Required.
7	Cylinder valves (non-ferrous) required	As Per BIS 3224
8	Cylinder Cap and neck guard	Required

B.Specification of the gas to be filled

S.NO	ITEM	HELIUM
1	Filling Pressure	150 Kg/Sq.cm.
2	Purity of gas	IOLAR Grade 1 or UHP grade 99.999 % purity
3	Certificate of the gas purity	Required.



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BHARAT HEAVY ELECTRICALS LIMITED

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Tiruchirapalli-620014, Tamil Nadu, India

COAL RESEARCH CENTRE

TECHNICAL SPECIFICATION

P10 Cylinder

A.Specification of the Cylinder

S.NO	ITEM	P10 CYLINDER
1	Cylinder Capacity	50Ltr. W/c
2	Hydraulic Test Pressure	250Kg/Sq.cm.
3	Cylinder colour Coding	As Per BIS 4379
4	Cylinder Material and construction	As Per BIS 7285
5	Manufacturer's Test Certificates	Required.
6	Chief controller of Explosives certificate	Required.
7	Cylinder valves (non-ferrous) required	As Per BIS 3224
8	Cylinder Cap and neck guard	Required

B.Specification of the gas to be filled

S.NO	ITEM	P10
1	Filling Pressure	150 Kg/Sq.cm.
2	Purity of gas	IOLAR Grade 1 or UHP grade with 90% argon and 10 % methane.
3	Certificate of the gas purity	Required.



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BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Tiruchirapalli-620014, Tamil Nadu, India

COAL RESEARCH CENTRE

TECHNICAL SPECIFICATION

Oxygen Cylinder

A. Specification of the Cylinder

S.NO	ITEM	OXYGEN CYLINDER
1	Cylinder Capacity	47 Ltr. W/c
2	Hydraulic Test Pressure	250Kg/Sq.cm.
3	Cylinder colour Coding	As Per BIS 4379
4	Cylinder Material and construction	As Per BIS 7285
5	Manufacturer's Test Certificates	Required.
6	Chief controller of Explosives certificate	Required
7	Cylinder valves (non-ferrous) required	As Per BIS 3224
8	Cylinder Cap and neck guard	Required

B. Specification of the gas to be filled

S.NO	ITEM	OXYGEN
1	Filling Pressure	150 Kg/Sq.cm.
2	Purity of gas	IOLAR Grade 1 or UHP grade of 99.999 % purity.
3	Certificate of the gas purity	Required



An ISO 9001 Company

Bharat Heavy Electricals Limited
Purchase Dept /R&D and CR
Tiruchirappalli-620014, Tamil Nadu, India

COMMERCIAL TERMS AND CONDITIONS FOR SUBMISSION OF OFFER

1.0 QUOTATIONS

Bidders shall submit the offer in **TWO INNER ENVELOPES** as indicated below which shall be sealed in one outer envelope.

Envelope I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "**Part I - Technical and commercial bid**", indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Envelope II This sealed envelope should contain **price details**. This envelope should be clearly marked "**Part II - Price bid**", indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Both the envelopes (Part I & II) shall be put in one cover, duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder.

The above offer should reach this office on or before the due date by 14.00 Hrs (IST). Late offers will not be considered. We suggest you to send the offer by SPEED POST.

Tender should not be addressed to any Individual's name but only by designation to:

**AGM / CCDP & MM
Purchase Department / R&D and CR
BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPALLI - 620 014
TAMIL NADU, INDIA**

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 prevail.

Offers should be in **ENGLISH** and accompanied by detailed technical literature, catalogue and details of process facility in **ENGLISH**.

Bharat Heavy Electricals Limited TIRUCHIRAPPALLI

2.0 PART I (TECHNICAL & UNPRICED COMMERCIAL BID)

2.1 Technical

This part shall include / indicate the following:

Offer should contain complete scope of supply with all technical details, specifications, delivery and other commercial terms and conditions.

2.2 Commercial

This part shall include / indicate the following:

- 2.2.1. Port of shipment / Station of despatch
- 2.2.2. Terms of payment
- 2.2.3. Taxes & duties applicable.
- 2.2.4. Delivery Schedule
- 2.2.5. Offer validity
- 2.2.6. Country of origin
- 2.2.7. A copy of "Un-Priced Part II" i.e., a copy of the Price Bid **without the price details** to be enclosed.
(Incomplete offers shall be liable for rejection).

3.0 PART II (PRICE- BID)

This part should contain the schedule of price particulars and to be co-related to the technical details provided in Part I. Wherever required / possible break up price details are to be furnished. (Bidders shall quote only fixed rate / price only and not subject to any escalation whatsoever during the period of bid validity and execution of purchase order. Any bid with adjustable or price variation clause shall be treated as "non responsive" and liable for rejection).

4.0 OPENING OF TENDERS

The Part I - Technical & commercial bid alone would be opened on the Tender opening date at the pre-fixed time. In presence of responded tenderers / authorised representative, who may like to be present for tender opening.

The Part II - Price bid of Technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the tender opening date. Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

5.0 GENERAL

5.1. Incomplete offers will not be considered.

5.2. **Terms of Delivery:** Bidders are required to quote their best delivery period. Delivery shall be counted from the date of Letter of Intent.

Bharat Heavy Electricals Limited TIRUCHIRAPPALLI

5.3. Taxes and Duties : All Taxes and Duties if any payable extra over and above the quoted price should be specifically indicated in the un-priced bid along with CST & TIN No etc., failing which the purchaser will not be liable for payment of such Taxes and Duties (the quoted rates shall be considered as "all inclusive").

Note : *We are not eligible to issue C Form.*

5.4. Validity of Offer : Offer shall be kept valid for acceptance for a period of 60 days (sixty days) from the date of opening of the price bid.

5.5. Payment terms : 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 Techno-commercial bid opening) + 6% will be loaded for the period of relaxation sought by bidders.

Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Stores with Consignee copy attached. In this case Loading will be 3% on the offered value.

5.6. Liquidated damages : It is clearly understood among the parties to the contract the " **Time is the essence of the contract** ". Therefore, the delivery of the goods specified in the purchase order should be made within the time prescribed. Failure to dispatch the materials in the time as per the delivery quoted in our Purchase Order would make the supplier liable to an un-conditional penalty as below

a. Liquidated damages shall be 0.5% of the total order value per week or part there of subject to a maximum of 10% of the total order value.

b. For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part there of subject to a maximum of 10% of the total order value.

c. Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

5.7. 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 despatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss, which the Purchaser may sustain by reason of such risk purchases.

5.8. Test certificates: The Bidders shall clearly mention in their offer that Test Certificates as called for in the Technical Specification, in the required number of copies will be provided at no extra cost.

5.9. Evaluation of the offers shall be on the basis of "To-Door Cost at BHEL, Trichy (Net Cash outflow to BHEL). BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.



BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPALLI – 620014

PURCHASE / R&D and CR

ANNEXURE TO PURCHASE ENQUIRY

1. PRICE : Ex-Works / Ex-Godown (or) F.O.R- DESTINATION
2. DISCOUNT : % (or) Lumpsum amount Rs
3. PACKING & FORWARDING : % (or) Lumpsum amount Rs
4. TAX : VAT.....% / CST %
(CST Without C FORM)
5. SURCHARE :%
6. DUTIES :%
7. FREIGHT & INSURANCE :
8. DELIVERY PLACE :
9. DELIVERY PERIOD :
10. LD / PENALTY FOR DELAY IN DELIVERY : @ 0.5% PER WEEK SUBJECT TO A MAXIMUM OF 10% IS APPLICABLE. ACCEPTED
11. OFFER VALIDTY :
12. PAYMENT TERM : 100% direct Payment after 45 Days from the date of Receipt and Acceptance of the Material.
13. GUARANTEE / TEST CERTIFICATE :

SIGNATURE OF SUPPLIER WITH SEAL

NOTE : Please do not Quote as EXTRA. Quote the rate in % or the amount as lumpsum. (Rates of applicable Taxes & Duties, whether inclusive or exclusive should also be mentioned).