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सत्यमेव जयते

भारत सरकार

Government of India

भामा परमाणु अनुसंधान केन्द्र

Bhabha Atomic Research Centre

रिएक्टर इंजीनियरी प्रभाग

Reactor Engineering Division

हल - 7,
ट्रॉम्बे,
मुंबई - 400 085,
HALL No. 7,
TROMBAY,
MUMBAI - 400 085

Ref. No.: RED/HTRS/AB/337/2FS/MF/2018

Date: 29/01-2018

Sub: **Removal of old, disused materials and equipments present in Air Compressor and Air Drying Plant of Engineering Hall-3, BARC meeting the technical requirements as mentioned in HTRS/AB/2018/18**

Sealed quotations are invited on behalf of President of India by Director, Reactor Design and Development Group (RDDG) for removal old, disused materials and equipments present in Air Compressor and Air Drying Plant of Engineering Hall-3, BARC, Mumbai, Maharashtra. The activities are to be completed as specified.

Removal old, disused materials and equipments present in Air Compressor and Air Drying Plant of Engineering Hall-3, BARC meeting the technical requirements as mentioned in HTRS/AB/2018/18

General Notes:

- 1) The bidder shall take all the necessary safety precautions during work and they shall be responsible for any damage or accidents. No compensation in any case will be paid by the Department to the bidder.
- 2) The work shall be subject to inspection by the purchaser or his authorised representative. Work shall be conducted under their supervision and to the full extent of satisfaction.
- 3) **The work shall be completed within two calendar months from the receipt of work order.**
- 4) The quotations must reach Head, HTRS, RED, Engg. Hall-7 latest by 14/02/2018. Quotations will be opened on 15/02/2018.
- 5) The above mentioned **REFERENCE NUMBER** and **DATE AND TIME OF OPENING OF BIDS MUST BE CLEARLY MENTIONED ON THE SEALED ENVELOPE** containing the quotation. Offers should be sent by **Speed Post only**.
- 6) Payment will be made as per rules, after the completion of the work to purchaser's satisfaction against submission of original bill in triplicate and advance stamped receipt.
- 7) Income tax @2% and Educational cess as applicable will be deducted from the bill.
- 8) Any delay which is attributable to the contractor is liable for penalty @ ½ % per week (Max 5%).
- 9) Bidder shall mention their GSTN, PAN numbers in the quotation.
- 10) The offer shall be kept open for acceptance for a minimum period of 45 days from the date of opening of the quotation.

- 11) Head, RED reserves the right to accept/reject any or all the quotations received without assigning any reason whatsoever.
- 12) The bidder shall furnish the detailed information regarding whether an ex-employee of BARC is working in their organisation or whether any of their relative is working in DAE/BARC or whether he/she is an ex-employee of DAE/BARC. In case of absence of such information, or wrong information the quotation or contract is likely to be rejected or cancelled.

CONFIDENTIALITY CLAUSES:

I. Confidentiality:

No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the sub-bidders, consultants, advisers or the employees engaged by the party with equal force.

II. "Restricted information" categories under Section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under Section 5 of the Official Secrets Act, 1923:-

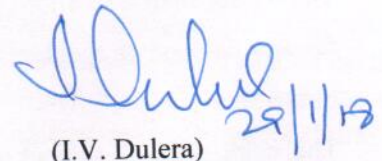
Any contravention of the above-mentioned provisions by any bidder, sub-bidder, consultant, adviser or the employees of a bidder will invite penal consequences under the aforesaid legislation.

III. Prohibition against use of BARC's name without permission for publicity purposes:-

The bidder or sub-bidder, consultant, adviser or the employees engaged by the bidder shall not use BARC's name for any publicity purpose through any public media like Press, Radio, T.V. or Internet without the prior written approval of BARC.

Thanking you,

Yours Sincerely,



(I.V. Dulera)

Head, High Temperature Reactor Section, RED
For and on behalf of the President of India
(The Purchaser)

Enclosures:
Specification (2 pages)

आई. वी. दुलेरा / I. V. DULERA
मध्यक्ष, उच्च ताप रिएक्टर अनुभाग
Head, High Temperature Reactor Section
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REACTOR ENGINEERING DIVISION, M. A. 7
भारत सरकार / GOVT. OF INDIA
भाषा परमाणु अनुसंधान केंद्र
BHABHA ATOMIC RESEARCH CENTRE
ट्रॉम्बे, मुंबई-85 / TROMBAY, MUMBAI-400 085.

Specification for removal of old, disused materials and equipments present in Air Compressor and Air Drying Plant of Engineering Hall-3

1.0 SCOPE

Removal of old, disused materials and equipments present in Air Compressor and Air Drying Plant of engineering Hall-3, BARC meeting the technical requirements as mentioned under section 2.

2.0 TECHNICAL REQUIREMENTS:

2.1 The following is an indicative list of the old disused materials that need to be disposed. It may be noted that the list is indicative in nature and the bidder may make a personal evaluation (refer article 2.7 of this specification) by an on-site visit.

	Item	Discussion
1.	Receiver vessels (2 Nos)	920 mm OD, 6 mm thk, 2500 mm length
2.	Pipe	2" NB, SCH 40, Length: 10m
3.	Flanges (9 Nos)	170 mm OD, 20 mm thickness
4.	Filter flange	370 mm diameter, 50 mm thickness
5.	Vessel	225 mm OD, 6mm, 7m length
6.	Channel (2 Nos)	Length 180 mm, Thicknees: 2mm, height: 1010 mm
7.	Vertical column	90 mm OD, 3mm thickness, 1.5 m long
8.	Compressor Kirloskar	Length: 270 × 270 mm, Height: 1450mm, Bore dia: 153 mm, stroke: 165 mm
9.	Silencer	160 mm OD, 6mm thickness, 115 mm length
10.	Pipe	1-1/2", SCH: 40, Length: 35 metres
11.	Panel	Sheet metal box of 150 cm × 115 cm × 160 cm containing electrical supply components
12.	Panel	Sheet metal box of 30cm × 15 cm × 40cm, containing pneumatic controls
13.	Panel	Sheet metal box of 60 cm × 70 cm × 60 cm

2.2 The nature of material is mostly carbon/mild steel having a total weight of ~1000 kg which will need to be removed by gas cutting.

2.3 The material needs to be cut into manageable sizes and transported to designated location at the rear of Hall-3.

2.4 Acetylene and oxygen gases will be supplied by BARC. Equipments for gas cutting, any other equipments (like hand grinders, shears, etc) will need to be arranged by the party. No arrangement of pneumatic air supply is available on site. Bidders have to arrange for their own electrical extension boards.

2.5 Three numbers of CS Pipe (50 NB SCH 40) will need to be isolated, water drained, cut, dried and blanked out by welding. Appropriate blinds, welding machine & qualified welder should be supplied by the breeder. Blind end should be painted with matching colour.

2.6 All manpower for cutting of scrap and its transport to designated disposal area have to be supplied by the bidder. All manpower employed by the bidder for the job should have valid police verification certificates (refer article 4.4 of this specification) for the period of the job. The bidder must take care that entry of its manpower to BARC campus

through BARC Security will be arranged by the bidder himself without need for daily escort by the indenter.

2.7 Visit to site to evaluate job quantum:

- 2.7.1 If the bidder is currently (i.e. before the due date of the tender) holding a valid supervisor entry pass to BARC (i.e. not requiring departmental escort), they may contact Shri Abhishek Basak (extn: 26827) or Shri K.K. Panda (Extn: 26870) to arrange a suitable time for visit to the site.
- 2.7.2 If the bidder currently (i.e. before the due date of tender) does not have a valid entry pass to BARC they may contact Shri Abhishek Basak (Phone: 022-25596827) or Shri K.K. Panda (Extn: 022-25596870) to arrange visit of the site during the forenoon of 7th February, 2018. All interested parties will be required to send government issued photo icard copies to the above-mentioned persons to arrange for temporary gate passes.

2.8 Safety precautions

- 2.8.1 All industrial safety precautions must be taken by the contractor during the execution of the job.
- 2.8.2 Industrial shoes must be arranged by the contractors during the work. Helmets will be provided by BARC.
- 2.8.3 BARC shall not be responsible for any death or injury during the execution of the job.

4.0 NOTE TO BIDDER

- 4.1 All the taxes, duties and other government levies shall be clearly mentioned in the offer.
- 4.2 **Proof of ability:** The bidder shall provide, along with the quotation, adequate proof of show their capability to execute the job such as copies of the previous purchases orders placed on the executed by the party for the reputed firms (Indian and international). Specific mention should be made of previous supplies made to BARC, along with names and contact details of indenting officers and the purchase order numbers.
- 4.3 As a part of the offer, the bidder shall confirm point by point their acceptance of the various requirements and deviations, if any should be clearly mentioned.
- 4.4 The Successful bidder whose tender is accepted will be required to obtain Police Verification Certificate (PVC) issued by Special Branch of Police at his own cost for all his workmen i.e. Engineers, Supervisors and Laborer's to work inside BARC and should quote accordingly. The PVC will be valid for three years.
- 4.5 **Delivery date:** Bidders must provide their earliest delivery date after placement of order on them. .
- 4.6 Quotations found incomplete in any respect and also deficient in clarity about technical and commercial terms will be summarily rejected.