

दूरभाष : 91-22-25594757 /23336(Off)
TELEPHONE :
तार : बार्क-मुंबई
TELEGRAMS : BARC-MUMBAI, CHEMBUR.
टेलिक्स : ०११-६१०१७/०११-६१०२२ बार्क इन
TELEX : 011-61017/011-61022 BARC IN
फेक्स संख्या : 91-22- 25505151
FAX NUMBER



भारत सरकार

GOVERNMENT OF INDIA

भाभा परमाणु अनुसंधान केन्द्र

BHABHA ATOMIC RESEARCH CENTRE

Chemical Engineering Group

Alkali Material & Metal Division

ट्रम्बे,
मुंबई-४०० ०८५,
TROMBAY,
MUMBAI-400 085.

Due date: 11 /10/2017

S.R.Satre, SO/D
022-25594757/6151
srsatre@barc.gov.in

Ref:BARC/MF/ChEG/AMMD/MDS/SRS/2017/04/170862

Date: 28/09/2017

To,

Sub: Invitation to submit your quotation theirty

On behalf of the President of India, **Head, Alkali Material & Metal Division, Chemical Engineering Group (ChEG)**, Bhabha Atomic Research Centre invites quotation in sealed envelope for the work given below as per the technical specifications enclosed in Annexure-1.

S. No.	Description of Job	Completion Period
1	Supply & installation of MCCB & Enclosure at PDL building in DEED complex as per annexure-1.	30 days from the date of issue of work order

The terms and conditions are given below:

1. Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
2. All the supervisors and workers should have valid Police Verification Certificate (PVC). The list of manpower available with firm shall be submitted along with their details of PVC with quotation.
3. **The past experience of the firm in similar nature of work in BARC/DAE shall be made available work order copy and satisfactory completion certificate from the user.** Also the list of ongoing jobs inside BARC premises with expected completion period shall be provided.
4. Interested bidders shall contact the undersigned on Phone No. **022-25594757/6151** (Ext. No.**24757/6151**) with above mentioned details for getting the Detailed Tender Specification. Bidders shall submit a requesting letter in companies letter head for getting the Detailed Tender Specification.
5. The quotation envelope shall be superscripted with Description of the job and the Tender Ref. No. mentioned above.
6. The complete quotation shall reach the following address on or before **Due date: 11/10/2017**, by **only Indian Postal Service only**.

Head,
Alkali Material & Metal Division
Kind Attention: **S.R.Satre, SO/D**
Due date with time of submission on or before : **11 /10/2017**

7. **Printed Letter Head:** Quotation should be printed on the letter head; computer generated quotation is not valid.
8. **Validity of the Offer:** Validity of the offer shall be 120 days from date of opening of quotation.
9. **Guarantee:** Vendor shall have to give guarantee of the quality and workmanship of work done for the period of 12 months from the date of completion of the work.
10. **Offer of Firm:** Offer of those firms, who do not submit their quotation as per the details given in the technical specification and incomplete quotations in any respect shall not be considered.
11. The department reserves right to extend the date of opening the quotations.
12. **Payment Terms:** Accounts Division BARC Mumbai-400085 shall make full and final payment only after submission of the satisfactory work completion certificate & site clearance certificate issued from the undersigned, bill, delivery challan and advanced stamped receipt. No advance is admissible.
13. **Income Tax Recovery Clause:** Income tax @ 2% will be deducted from the bill.
14. If any of the employee, consultant, or partner of the company is an Ex BARC employee, the same must be stated in the quotation clearly.
15. **Penalty:** Any delay which attributable to the contractor is liable for penalty @ 0.5 % per week (max 5 %) to be imposed on contractor.
16. **ST/VAT/PAN Number:** Quotation shall consist of Sales Tax Registration Number registered with local ST authority /CST authority, PAN number of the firm, service tax registration number etc.
17. **Quantity Variation Clause:** Quantity variation of $\pm 10\%$ is possible during the execution of the job. Actual payment shall be made based on the actual work carried out by the contractor after completion of entire job.

18. Safety & Security Rule: The vendor shall follow all the safety procedures as per the normal industrial practice during the execution of the job at site. Any mishap occurring during the work due to unsafe workmanship shall be the vendor's liability. Security and transportation rules at BARC, Trombay premises shall be strictly followed.

19. Confidential Clauses:

i. Confidentiality: No party shall disclose any information to any third party concerning 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 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- contractors, consultants, advisors, or the employees engaged by a 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 of the Official Secret Act, 1923: Any contravention of the above mentioned provisions by any contractor, sub- contractor, consultant, advisor or the employee of a contractor will invite Penal consequences under the aforesaid legislation.

iii. Prohibition against use of BARC's name without permission for any publicity Purpose. The contractor or Sub contractor, consultant, advisor or the employees engaged by the contractor shall not be use any public purposes through any media like press, TV, or internet, without the prior written approval of BARC.

20. Security Rules:

- a) Police verification certificates are required for supervisors and laborers deployed at the site.
- b) Security rules and transport rules at BARC, Trombay premises shall be strictly followed.
- c) Laborers below 18 years of age shall be not allowed to work at site.

Thanking you,

Yours faithfully,

Sd/-

S.R.Satre, SO/D
022-25594757/6151

Encl : (1) Annexure- 1
(2) Annexure-2

1. **Technical specifications:** As per Annexure-1

2. **Commercial Specifications**

- I. **Work place:** PDL building in DEED Complex, Alkali Material & Metal Division, Chemical Engineering Group (ChEG), BARC-Trombay-85
- II. **Quotation validity:** Quotation should be valid for a minimum period of 120 days from the due date of the tender.
- III. **Quote Format:** Bidder is requested to quote for the above job on lump-sum basis with mention of applicable taxes. Quotation price format will be like,
Rs.....(Basic lumpsum cost) + Rs.....applicable taxes(GST) = Rs.....(Total cost).
- IV. A Xerox copy of PAN CARD, PVC of Proprietor or company is to be attached with quotation along with providing GST no. etc.
- V. **Payment terms:** Payment shall be released within 30 days after satisfactory completion of work at BARC.
- VI. **Mode of payment:** Payment will be released through ECS, the party has to fill the ECS/RTG form and submit with the delivery challan and Bill/Tax Invoice.
- VII. **Inspection Clause:** The work will be subjected to inspection by our engineers or representative during fabrication at our work place before final acceptance.

3.0 **Criteria for Evaluation of Tender:**

- 3.1 Evaluation will be done based on consolidated price.
- 3.2 Technical suitable lowest consolidated offer will be considered for awarding the work order.

Sd/-
S.R.Satre, SO/D
022-25594757/6151

Technical Specifications

Name of Work: Supply & installation of MCCB & Enclosure at PDL building in DEED complex.

1.0 Scope of work:

1. **Supply of MCCB** of,
 - Operating on **thermal-magnetic** principle
 - 400 A, 4 Pole, 415 V, 50 Hz, 55 KA with front **rotary** operating mechanism with Knob.
2. **Supply of enclosure** powder coated as per IEC 60947-2/IS 13947 (Part 2),
 - It shall have double-lock door with all round foamin PU seal.
 - Enclosure shall be fabricated from M.S. CRCA sheets, treated with 7 tank chemical treatment and powder coated having colour as directed by EIC.
 - It shall accommodate above mentioned 4 pole MCCB and will have knock outs for glands. Cable glands and gland plate shall be suitable for 3 1/2 Core, 300 Sq.mm. power cable.

Required Thickness of Enclosures

 - Enclosure Housing: 1.5 mm
 - Door: 2.0 mm
 - Rear panel and gland plates: 1.5 mm
 - Mounting plate: 3.0 mm, sheet steel
- All the materials such as MCCB, Cable glands, Powder coated Enclosure, MS Frame, anchor fasteners; nut/bolts, lugs etc. are required for the above job is in the scope of contractor.
3. **Installation and commissioning:** It involves installation and commissioning of MCCB along with lugging, crimping and connection of 3 1/2 Core, 300 Sq.mm. power cable are in scope of contractor.
4. **Location:** This MCCB & Enclosure shall be installed at the designated locations on MS frame as per site condition with double earthing provided by bare copper wire
5. **Quantity:**

Sr.No	Name of items	Quantity
1	MCCB-400A,4 Pole,55kA with front rotary knob	One set
2	Powder coated enclosure & necessary hardware's	One set

2.0 Technical Notes:

1. All the work shall be carried out as per the relevant codes and standards of BIS.
2. All manpower including unskilled /skilled labours, skilled electrician, wireman and welders shall be arranged by the contractor. All work force shall be continuously supervised by a experienced supervisor of the contractor. He will coordinate with the engineer in charge and carry out the work as per his instruction. The decision of the engineer in charge shall be final in all matters.
3. The contractor shall maintain the cleanliness of the working area and shall dispose of all the debris with scrap material generated during the work. Welding/cutting sets, MS angels as well as supporting structure, drilling machines ,nut bolts , packing , lifting hooks, oxygen gas, acetylene gas, welding rods, epoxy primer/paint and all other consumable/non-consumable, necessary tools etc. are to be supplied and arranged by the contractor for the execution of the job.
4. Contractor shall have to follow the necessary Industrial Safety Rules and procedures and the

- users department shall have the right to stop the work in case found following the unsafe practices. Department shall not entertain any claim in case of any accident / damage.
5. The contractor shall be responsible for any damage of any equipment and material at the site due to their unsafe practice and negligence of work.
 6. The contractor shall maintain the upkeep of the working and the storage areas and shall dispose loose material/debris generated during the execution of the job. The site shall be cleaned and cleared from civil debris created due to this order up to the satisfaction of department, at the end of this work. No payments shall be made unless this clause is complied with.

3.0 Materials:

1. All the necessary consumables materials such as casing capping/PVC pipes/ saddles/ MS angles/channels nut bolts, packing, epoxy primer/paints and all other required fittings shall be procured and supplied by the contractor.
 2. All angles/channels/ strip support required for installation should have one coat of zinc oxide and two coat of enamel paint.
 3. Supply of materials shall be of reputed quality and make Supplied material shall be got approved from the Engg-In- charge or his representative to its use in job.
 4. All the materials for the execution of the job as mentioned in the scope of work, helmets, safety belts, safety shoes, marking & measuring instruments, and all the tools & equipments / instruments required during fabrication shall be supplied by the contractor only.
- 4.0 **Facilities** : 415 V, 3 Phase Electrical Power Supply and tap water shall be provided free of cost at site.
- 5.0 **Applicable Codes**: Angles, Channels , Plates etc. Structural material : IS 2062 Grade B 2 .
Dimensions (Angles, Channels, Beams) : IS 808 3 .
Paint : IS 5-1978 4 . Electrical Wiring Installations : IS 732 : 1989 .
- 6.0 **Free Issue Materials**: No Free issue material shall be provided by the department.
- 7.0 **Inspection and Testing**: An authorized inspector from the Division will inspect the installation work on the site, regularly. He/ She will have full access to the site and shall have an authority to check dimensions, types of material used and nature and type of weld joint for supports. After the entire fabrication, installation and erection work is over the inspector only will inspect the structures and issue the 'Work Completion Certificate' if the job is found satisfactory in all respect.
- 8.0 **Work completion period**: Within 1 months from the date of issue of work order.
- 9.0 **Guarantee**: The contractor shall provide one year of guarantee for workmanship involved in the erection of the work from the date it is handed over to the Department.
- 10.0 **L.D.Charges**: If contractor fails to handover the site to the department after completing the work as per this technical specification within the stipulated period mentioned in this technical specification and this delay incurs financial loss to the Department, then, L. D. charge @ 0.5% (max 5%) per week as per the rules and guidelines of this Department shall be levied.
- 11.0 **Terms of payment**:
- i) No advance payment shall be made.
 - ii) Full payments shall be made within 30 days after completion of the job.
 - iii) Payment shall be made through ECS / RTGS, in favour of the contractor and Accounts Officer, BARC, shall issue the same.
 - iv) The contractor shall have to submit in advance duly signed and stamped receipt along with the bills, completion certificate & guarantee certificate for the immediate payment.
 - v) Income tax @ 2% will be deducted from the bill.
 - vi) GSTN Invoice: It shall be ascertained that the invoice raised by a registered supplier of taxable goods /services along with other details specifically indicates :
 - a) GSTN,
 - b) PAN,
 - c) Location of Supply,
 - d) Tax component to be separately indicated in the invoice.,
 - e) The registered supplier shall submit an undertaking that the GST has been promptly deposited with the authorities. as per Annexure-II Ref: BARC/AD/IFB(R)/2017/OPA-JULY 10,2017.

- 12.0 **Price variation:** Unit prices quoted in the tender shall remain firm throughout the validity period.
- 13.0 **Quantity Tolerance:** Department reserves the right to increase or decrease the quantity of items up to 25%.
- 14.0 **Confidentiality Clause:**
- **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 contractors, adviser or the employees engaged by a party with equal force.
 - **Restricted information”** categories under Section-19 of the Atomic Energy Act, 1962 and “Official Secrets” under Section-5 of the Official Secrets Act, 1923: Any contravention of the above-mentioned provision by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.
 - **Prohibition against use of BARC’s name** without permission for publicity purposes: The contractor, sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC’s name for any publicity purpose through any public media like Press, Radio, TV or Internet without the prior written approval of BARC.
- 15.0 **Other Terms & Conditions:**
- The vendor shall be liable for any damage to the purchaser or any third party arising out of the patent or latent defect in the goods supplied by him or sub-standard services rendered by him.
 - As per the rule the contractor shall have Police verification Certificate (PVC) for all his workers who shall work on site and the same PVC shall be submitted to Security Section of BARC for their clearance / permission / photo-pass / token-pass / vigil pass.