

Government of India
Bhabha Atomic Research Centre
Engineering Services Group
Technical Services Division

Trombay,
Mumbai - 400 085

NOTICE INVITING e-TENDER

TENDER NOTICE No. BARC/TSD/82/2022-23

I. NIT Details :

1. Online item-rate tender in two parts i.e. Part A –Techno-commercial Bid and Part B – Financial Bid are hereby invited through e-Tendering mode on behalf of the President of India by Chief Engineer and Head, Technical Services Division, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085 for the following work from eligible contractors on approved list of CPWD, MES, Railways, State PWDs, Public Sector Undertakings of Central or State Governments / Central Autonomous bodies or those having adequate experience and capabilities to execute similar works of such magnitude in Department of Atomic Energy (DAE).

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|-------|---|---|--|
| i) | Name of Work | : | Providing Solar photo voltaic plants on roof top of various facilities of BARC located at Dhruva annex building and different places in Mumbai & Navi Mumbai including five year operation and maintenance. |
| ii) | Work Location (s) & Pin Code (s) | : | BARC, Trombay, Mumbai-400085 & Navi Mumbai-410210. |
| iii) | Work/Product Category | : | ELECTRICAL |
| iv) | Tender inviting Authority | : | Chief Engineer and Head, Technical Services Division |
| v) | Inviting Officer Address | : | Chief Engineer & Head, Technical Services Division, BARC, Trombay, Mumbai-400085 |
| vi) | Estimated Cost | : | ₹ 8,81,00,000.00 |
| vii) | Earnest Money | : | ₹ 17,62,000.00 |
| viii) | Cost of tender Document | : | NIL |
| ix) | Tender Processing Fee | : | NIL |
| x) | Period of work | : | 540 (Five Hundred Forty) calendar days including monsoon period. |
| xi) | 'Start/End Date of Download of Bid Documents' | : | From 28.09.2022 (09:00 Hrs.) (Hrs) to 03.11.2022 (18:00 Hrs.) To Download – please visit CPPP website on https://eprocure.gov.in/eprocure/app Detailed NIT is also available on website www.barc.gov.in for view only |
| xii) | Seek clarification Start Date | : | 28.09.2022 (09:00 Hrs.) |
| xiii) | Seek clarification End Date | : | 21.10.2022 (18:00 Hrs.) |

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| xiv) | Site Visit Date & Time | : | 19.10.2022 (09.30Hrs.) at BARC, Mumbai & 19.10.2022 (15.30Hrs) at EBC, Kharghar, Navimumbai |
| xv) | Pre-Bid meeting Date & Time | : | 19.10.2022 (11.30Hrs) |
| xvi) | Pre-Bid meeting Address | : | Conference Room, Gr FL, TSD Technical Services Division BARC, Trombay, Mumbai-400085 |
| xvii) | Bid Submission Start Date | : | 25.10.2022 (09:00 Hrs.) |
| xviii) | Bid Submission End Date | : | 03.11.2022 (18:00 Hrs.) |
| xix) | Submission of original EMD Form, Tender acceptance form. Address of original EMD Form, Tender acceptance form submission | : | On or before 11.11.2022 15:00 (Hrs) EMD shall be submitted at following address before due date & time : To, APO Office, Technical Services Division, Bhabha Atomic Research Centre, Mumbai 400085 Ph 022 25592873 PH 022 25592314 E mail : tsdoff@barc.gov.in |
| xx) | Bid opening Date /Date and time of online opening of Part A | : | 11.11.2022 (16:00 Hrs.) |
| xxi) | Bid Opening Place | : | Technical Services Division BARC, Trombay, Mumbai-400085 |
| xxii) | Tenderer Class | : | As per Tender Document. |
| xxiii) | Date of opening of Part B of qualified bidders | : | Will be notified at a later date through corrigendum (please visit CPPP website on https://eprocure.gov.in/eprocure/app for date) |
| xxiv) | Validity of Tender (in days) | : | 180 (One Hundred Eighty) |

II Initial Eligibility Criteria:

2. i) The bidder shall be compliant to the Public Procurement (Preference to Make in India), Order 2017 (as amended from time to time) issued by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry. Also bidder must submit undertaking along with bid for local content of in % offered in subject tender (Refer Appendix – D of tender document).
- ii) Only 'Class-I local supplier' as defined in Public Procurement (Preference to Make in India), Order 2017, are eligible to participate for subject tender.
- iii) The bidder should have the following:
 - (a) Registration in Appropriate Class of Contractors,(it is optional Criteria)
 - (b) Bank Solvency Certificate of a Nationalized Bank / Scheduled Bank for a minimum of ₹3,52,40,000.00 and should not be older than one year from the date of opening of tender.

- (c) Average Annual Financial Turnover of the firm should be at least ₹ 8,81,00,000.00 during the immediate last 3 consecutive financial years ending 31st March 2022. This should be duly audited by a registered Chartered Accountant.
 - (d) Should not have incurred any loss in more than two years during last five years ending 31st March 2022.
 - (e) Carried out similar works during last 7 years.
 - (f) Performance Certificates.
 - (g) Construction Plant & Machinery, equipment's, accessories & other infrastructure facilities to complete the work in time as applicable for this work
 - (h) Required Technical Staff.
 - (i) Certificate of Registration for GST.
 - (j) Permanent Account Number (PAN)
 - (k) The Firm must have Valid Electrical Contractor license.
3. The bidder should have satisfactorily completed (based on certification of performance by client of the works) 3 (Three) similar works each of value not less than ₹ 3,52,40,000.00 or 2 (Two) similar works each of value not less than ₹ 5,28,60,000.00 or 1 (One) similar work of value at least ₹ 7,04,80,000.00 during the last 7 (Seven) years ending on the last day of the month previous to the one in which the tenders are invited.

For the purpose, 'cost of work' shall mean gross value of the completed work including the cost of materials supplied by the Govt./Client, but excluding those supplied free of cost. For the purpose of clause **Similar Works** means "Any work which includes SITC of solar PV plants of at least 300KWp including grid interactive solar inverters with sum of inverter rating more than 300KVA" The similar works should have been executed in India.

4. The value of executed works shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7 % per annum, calculated from the date of completion to last date of submission of tenders.
5. The bidding capacity of the contractor applicable should be equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

$$\text{Bidding Capacity} = [A \times N \times 2] - B$$

Where,

A = Maximum Value of works executed in any one year during the last five years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of work for which bids have been invited.

B = Value of existing commitments and ongoing works to be completed during the period of Completion of work for which bids have been invited.

6. Bidder should be a registered firm in India. Joint Ventures and or Consortiums are not acceptable.

II. Information:

7. Tender document is prepared in two parts viz. Part 'A' (Techno-commercial Bid) and Part 'B' (Financial Bid). Part 'A' consists of Techno-commercial Bid viz. Section I – Notice Inviting e-Tender (English & Hindi versions), Section II - Form of Agreement and General Rules and Directions for the guidance of Contractors, Memorandum, Section III – General Conditions of