

दूरभाषी:
TELEPHONE : 2559 1531
तार : बार्क-मुंबई, चेम्बूर
TELEGRAMS : BARC-MUMBAI, CHEMBUR
फेक्ससंख्या:
FAX NUMBER : 91-22-2550 5151



सत्यमेव जयते

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

भारतसरकार
GOVERNMENT OF INDIA
भाभापरमाणुअनुसंधानकेन्द्र
BHABHA ATOMIC RESEARCH CENTRE
ADVANCED HEAVY WATER REACTOR DIVISION

Ref: AHWRD/PSSS/PSN/392-1/ILE/MF/182402/17

16.10.2017
17

Dear Sirs,

Sub: Minor Fabrication - invitation to quote for Fabrication & Installation of Infrastructure, Preparation and Delivery of Reports for Topography Survey of Plot at Tarapur as per attached technical specifications.

Sealed quotations on printed letter head are invited on behalf of President of India by Head, AHWRD for Fabrication & Installation of Infrastructure, Preparation and Delivery of Reports for Topography Survey of Plot at Tarapur as per attached technical specifications.

1. The taxes shall be quoted separately. PAN number and GST number should clearly be written in the quotation.
2. The quotation must reach "Head, AHWRD, Hall No.-7, BARC, Trombay, Mumbai-400085" by **17, Nov. 2017 only through registered post/speed post of Govt. of India**. Quotations will be opened on **20, Nov. 2017** at 11 A.M.
3. The above mentioned **Reference No., Date and Time of opening of bids** must be clearly written on the sealed envelope containing the quotation.
4. No free issue material shall be provided by the purchaser.
5. The bidder/supplier shall allow the purchaser or his representative to visit the site for witnessing the topographical survey.
6. Time allowed for execution of the works is ninety days (3 months) which are reckoned from 15th day of issue of the work order, which also includes the mobilization period in accordance with these conditions shall be the essence of the contract.
7. Payment will be made as per rules after completion of the job satisfactorily. Part payments and Advance payments are not possible.
8. The offer shall be kept open for acceptance for a period of **30 days** from the date of opening of the quotation.
9. A brief list of similar jobs executed if any, and name of the organization for which such job was carried out should be furnished with the quotation. Also, a list of testing machine tools and inspection instruments, in connection to the job, available with the bidder should be provided.
10. Purchaser reserves the right to accept/reject any or all the quotations received without assigning any reason whatsoever.
11. The bidder shall furnish the detailed information regarding whether an ex-employee of BARC is working in your organization or whether any of your relative is working in DAE/BARC or you are 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.
12. Any delay in completion of work may lead to a penalty @ 0.5% per week (max 5%) on total cost.
13. Drawings/sketches must be returned along with quotation.
14. Kindly acknowledge the receipt of this enquiry by return post.

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-contractors, 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:

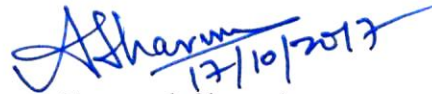
Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

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

The contractor or 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, T.V. or Internet without the prior written approval of BARC.

Thanking you,

Yours Sincerely,

 17/10/2017

(Avaneesh Sharma)

Head, AHWRD

For & on behalf of the President of India
(The Purchaser)

Encl.: 1) Technical specification

Copy to:

- 1) Assistant Accounts Officer (Works), CC
- 2) Dr. N. K. Maheshwari, Head, PS&SS, AHWRD
- 3) Shri S. K. Bhatia, Project Manager, AHWR Construction, AHWRD
- 4) Shri P. Suryanarayana, SO/F, RED
- 5) Shri A. K. Lal, SO/H, RED for record

TECHNICAL SPECIFICATION

PART-I

1. Scope of Work:

Fabrication & Installation of Infrastructure, Preparation and Delivery of Reports for Topography Survey of Plot at Tarapur as per details given in this technical specification.

PART-II

2. Introduction:

A detailed Topographical Survey of Plot at Tarapur, Maharashtra is to be carried out. The approximate location of the site is given below.

Longitude: 19.86 N

Latitude: 72.75 E

The total area of the land for which topographical survey is required to be carried out is around 28 Hectares. It is located at Kolivali & Dahisar village near Tarapur in Palghar district. It is about 3 km from Vangaon railway station and 13 km by road from Boisar railway station on western railway. State transport buses ply close to the site. Following are the brief description of the work to be performed.

- i) Carrying out topographical survey and preparation of plans (maps) and report of the entire Plot at Tarapur.
- ii) Construction and establishing bench mark pillars (GTS/ any other reference bench mark approved by the Engineer-in-Charge) by parallel leveling in the field.
- iii) Spot level survey of the entire area at specified intervals and development of contours.
- iv) Providing survey instruments, construction equipments, tools and plants, materials, labours, qualified surveyors, supervision by competent engineers/ surveyors full insurance and all other incidental items as may be necessary for successful completion of the scope of work including all applicable material, methods and resources.
- v) Furnishing all field data and drawings in CD (pdf and dxf - file formats) apart from hard copies.
- vi) Furnishing signed report of topographical survey as described in details in the succeeding paragraphs is also included in scope of work.

Description of the above mentioned work is given in Annexure-1.

3. Time of Completion:

Time allowed for execution of the works is ninety days (3 months) which are reckoned from 15th day of issue of the work order, which also includes the mobilization period in accordance with these conditions shall be the essence of the contract. If the contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, can cancel work order.

4. Tax Deduction at Source:

Tax as applicable will be deducted from the bill and remitted to the concerned authority.

5. Payment Terms:

No advance payment will be made. Total payment will be made after the successful completion of the work in lump sum.

Part III

General Requirements:

1. The contractor shall perform work as per items in Annexure-1. The contractor shall invite the Engineer-in-Charge to visit site for witnessing the topographical survey.
2. The following deliverables are required to be submitted.
 - a) Fabrication and establishment of bench mark pillars at site.
 - b) Hard & soft copies of the Topography survey with contours and features in plain sheet A0 size - 3 copies.
 - c) Hard copy and Soft copy of the Topography survey with spot levels and features in plain sheet A0 size - 3 copies.
 - d) Drawings (in pdft and dxf-file formats), Survey Reports in MS Word-2007 format and project report in MS Word-2007 format. -1 copy on CD/DVD
 - e) Approved Hard copy and soft copy (in MS Word-2007 and pdf formats) of Project Report by supplier -1 copy
3. All documents mentioned above shall be submitted to BARC for review and record.

Part IV

Note to bidders:

1. Bidder should give lump sum cost of the items in and should list separately all the relevant taxes applicable.
2. The supplier should confirm the items offered vis-a-vis the requirements specified. Any deviation from the requirements mentioned in this specification should be highlighted in the quotation.
3. A brief list of similar jobs executed if any, and name of the organization for which such job was carried out should be furnished with the quotation. Also, a list of testing machine tools and inspection instruments, in connection to the job, available with the supplier should be provided.
4. Purchaser reserves the right to accept/reject any or all the quotations received without assigning any reason whatsoever.
5. Incomplete quotation will not be considered.
6. The bidders can make visit to the site at his own cost.
7. The supplier has to arrange on their own for boarding and lodging of their personnel. Further, they have to make arrangements for electricity and water for this work if applicable at their own cost.

Annexure-1

S. No	Description of Item	Unit Of Measurement	Quantity
1	Carrying out the detailed topographical ground survey work in specified area by using total station including apex to apex traverse showing all salient features like permanent structures, roads, culverts, boundary wall, fencing, nala, High Tension lines, telephones towers, sewer & Storm Water Drainage (SWD) lines, manholes, marking tress Nos, type of tree etc. and establishing true North at site and Taking levels at every 5 Meters center-to-center grid the given area and plotting of contours at 1.0 m intervals. Taking invert levels of the existing drains along the length of the drain, inlets, outlets etc. including shifting of bench mark value from given Great Trigonometrical Survey (GTS) bench mark location and as directed by the Engineer-in-Charge (EIC).	Hectare	28
2	Establishment & Construction of Bench Mark Pillars in brick masonry including excavation, all labour and materials for PCC (1:2:4), brick work & concreting work, fixing 12 mm thick MS plate of size 150mm X 150mm with 375mm long 10mm dia. MS lugs 2nos. welded with each plate (grouting & marking centre points etc.) plaster and finish exterior oil paint with lettering of approved quality oil paint etc as directed by EIC. The reduced level with respect to Mean Sea Level (MSL) shall be engraved on each plate of the bench mark pillars as well as corresponding reference be given on survey plan. Establishing geographical positions on site including fixing the coordinates, marking the same on Bench mark Pillar etc. complete as directed by the EIC.	Each Set	2 No's.