

Government of India
Bhabha Atomic Research Center
Photonics & Nanotechnology Section, AMPD

Reference: **AMPD/BARCV/2022-23/Minorfab/1**

Date: 14.07.2022

SUB: **Fabrication and installation of an outer storage shed**

Dear Sir,

1. Quotations are invited for the minor fabrication job, as per the enclosed scope of work
2. Bidder shall quote for fabrication/supply of these components with materials.
3. Taxes shall be quoted separately.
4. The quotation must reach the Head, Photonics & Nanotechnology Section by **01.08.2022** and must be sent in a sealed, printed envelope superscripted with reference number and the due date given above.
5. The address of the envelop should read –

Head, Photonics & Nanotechnology Section
PEB-6 , Gandivanipalem,
Bhabha Atomic Research Centre (BARC),
Dossuru Panchayat, Atchutapuram Mandal,
Visakhapatnam-531011
(Attention: Mr. Chinmaya Kar)
6. The finished subassembly component shall not be dispatched prior to approval of our engineer at bidders premises.
7. The bidder shall complete the whole process of fabrication, supply and assembly within 30 days from the date of firm work order issued to the bidder. The finished components along with left over material (in case any free material is issued) shall be delivered by the bidder at the address mention in point no. 5.
8. Head, PNTS reserves the rights to accept/reject any or all quotations without assigning any reasons.
9. Delivery charges if any, must be included in the quoted price.
10. Quotation must also indicate the validity of offer starting from the due date.
11. Drawing / sketches supplied if any, must be returned along with the offer.
12. Quotation is to be in printed letter-head / quotation format only. Quotation received in computer-generated forms will be considered as invalid and rejected.
13. Quotation should consists of Sales Tax registration number (Registered with local ST / CST authority), GSTIN No., PAN number of the firm, services tax registration number etc.
14. Claim preferred by the firms are also to be in printed INVOICE format consisting of the above registration numbers.
15. No Free issue material will be given.
16. No advance payment is possible. Payment will be made within 30 days after satisfactory completion of work and on production of bill and advance stamped receipt with bank details.

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Head, Photonics & Nanotechnology Section
BARC, Visakhapatnam - 531011

Scope of work

Fabrication and installation of an outer storage shed.

Tender/MF Ref. No.: AMPD/BARCV/22-23/Minorfab/1

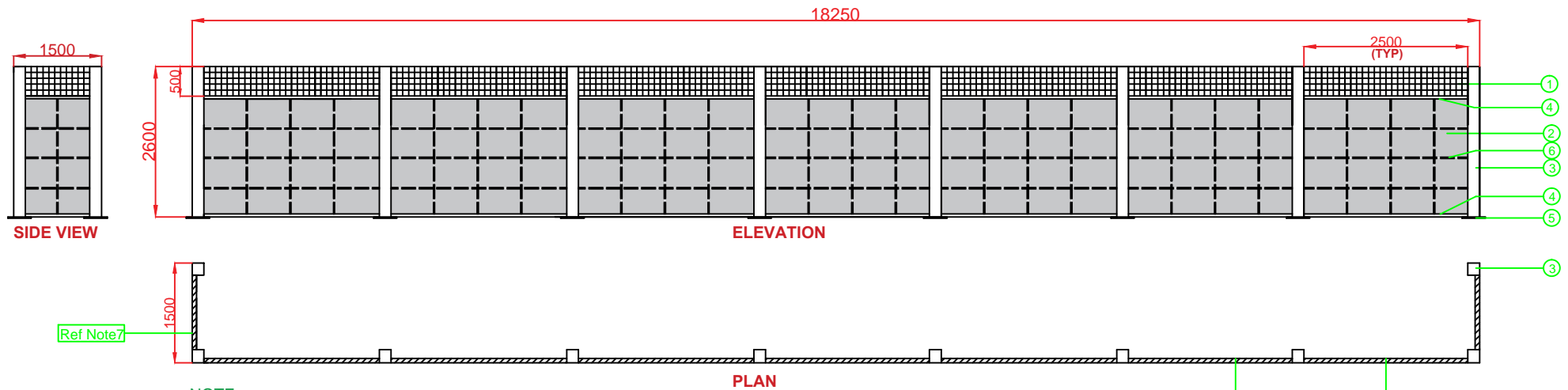
Quantity: 1 Set

Technical Specification

1. The shed to be fabricated and installed as per the attached drawing (Annexure 1) at the address given below.
PEB-6, Atomic & Molecular Physics Division
Bhabha Atomic Research Centre Facilities (BARCV)
Gajuwaka-Yellamanchili Highway, Near Nagavaram Junction,
Maduturu (Sub P. O.) Visakhapatnam AP - 531011 India
2. The necessary technical details of the shed are given in Annexure 1. The diagrams and dimensions are indicative. However, dimensions will not vary 10% from those given in the drawings.
3. Necessary equipment/ tool (welding machine, drilling machine, rivet, grinding machine etc) has to be arranged by the vendor.
4. Skilled workmanship required for the job is to be arranged by the vendor.
5. The structures which will be used should be of reputed brand make thereby ensuring mechanical strength. It should not be of previous structure/scrap.
6. Each item which is made of mild steel (MS) should be coated with red oxide thoroughly to prevent corrosion. Final paint should be weather coat of reputed make.
7. Anodized parts or stainless steel (SS) parts may not be painted.
8. All the welding joints should be cleaned/burrs removed and the red oxide coating should be applied within few hours of welding.
9. The fabricator should seek approval intermittently from the concerned departmental engineer to avoid any confusion /delay.
10. The assembled structure should operate smoothly by providing enough clearances between parts.
11. All the joints should be properly sealed (by rubber washer/sealant) to avoid any chances of leak of water.
12. The nuts/washer/ bolts used in structure should be made of SS/GI as required.
13. Electricity and water facility will be provided to the fabricator.
14. The supplier should make necessary arrangements for pneumatic tube routing through walls into the thin film lab.
15. The fabricator should take serious note to clean the scrap and proper disposal after completion of job.
16. 1 year warranty against manufacturing defects required.

Note: Post supply inspection in respect of supplies is not permitted. Any offer containing the condition of post supply inspection will be out-rightly rejected. It is therefore mandatory for the bidders, while quoting to indicate in clear terms the requirement of post supply inspection by any outside agency.

ANNEXURE 1



NOTE:

1. ALL DIMENSIONS ARE IN mm.
1. PART 1: SS WIRE MESH 16 SQ. mm(apprx.)
2. PART 2: ALUMINIUM SHEET 2mmTHK. AND POWDER COATING
3. PART 3: MS BOX SECTION 80 SQ. mm WITH SAND BLASTING POWDER COATING
4. PART 4: MS ANGLE 40*40*3 mm
5. PART 5: MS PLATE 200*200*12mm
6. PART 6: MS PLATE 20mm WIDE 3mm THK.
7. Note 7: NORMAL HINGED DOOR (AT THREE LOCATIONS) INBUILT WITH COMPLETE TOP REMOVAL TYPE ONLY.
8. THE BASE PLATES SHOULD BE GROUTED WITH M12 BOLT, QTY-4 NOS / PLATE.
9. THE ENTIRE EXT. PERIMETER SHOULD COVERED WITH FRP SHEET (0.8mm thk) WITH SOME INCLINATION.
10. THE WIRE MESH AND SHEET SHALL BE DETACHABLE AND THEY SHOULD FUNCTION SEPARATELY.

OUTER STORAGE SHED