

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
BHABHA ATOMIC RESEARCH CENTRE
VISAKHAPATNAM



Computational Analysis Division

Ref: CAD/HEDM/WO/IND/22-23/21

Date: 16/12/2022

Subject: Notice inviting tender for;

"Fabrication, supply and installation of Heavy duty MS structure and platform." (See Annexure-I).

1. Quotations are invited for minor fabrication job as per details described below.
2. **Scope of work:** See details in Annexure-I.
3. **General guidelines for submitting tender**
 - You shall send your offer in a **sealed envelope** indicating delivery period, price inclusive of taxes and other relevant information by speed post to:

Head,
MPSS, Computational Analysis Division
Bhabha Atomic Research Centre
Village: Maduturu (Sub: P.O.)
Near Nagavaram Junction,
Gajuwaka-Yellamanchilli Highway
Atchutapuram, Visakhapatnam
Andhra Pradesh- 531011

(Kind Attention: Rahulnath P.P., SO/D,CAD, 0891-283-2149/ 8985875318)

- Quotation shall reach us on/or before **05/01/2023 by Speed Post/Courier/ Only.**
- On top left corner of the envelope please indicate
Quotation for- **"Fabrication, supply and installation of Heavy duty MS structure and platform"** And due date 05/01/2023.
- Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorized person from the firm shall countersign such figure.
- The delivery period mentioned in the quotation shall be strictly adhered to. If the contractor fails to supply and secure extension of delivery date before effecting delivery of the supply against the contract, acceptance of such item by the purchaser will in no way prejudice the right of the purchaser to levy liquidated damage nor will it be entitled to the contractor for payment of statutory levies that comes into force after the expiry of the delivery date.
- Minimum Guarantee/**Warranty period** of the material and workmanship shall be **One Year.**
- **Supplier shall mention clearly the PAN /TAN no. on quotation.**
- **GST number shall be clearly mentioned on Quotation.**
- All the charges and taxes shall be mentioned clearly.
- You may contact us for any clarification before **05/01/2023** (Shri. Rahulnath P.P., 0891-2832149,8985875318, rahulnath@barc.gov.in)

4. **Rates:**
As per Scope of Work.

5. Place of Delivery/Work:

Address: PEB-04,CAD, Bhabha Atomic Research Centre, Near Nagavaram Junction, Gajuwaka-Yellamanchilli Highway, Maduturu PO, Visakhapatnam, Andhra Pradesh- 531011.

5. PAYMENT TERMS:

1. Part payment/Advance or against delivery cannot be made.
2. Payment will be made only after satisfactory completion of work and on production of (along with Delivery Challan):
 - i. Bill/Invoice containing Location of supply, separate tax components along with PAN and GSTN numbers.
 - ii. Advance Stamped Receipt.
 - iii. Bank Account No, Bank and Branch name with IFSC code.
 - iv. Undertaking stating that GST has been promptly deposited with the authorities
3. It may be noted that:
 - i. Income tax @2% will be deducted from your bill.
 - ii. TDS (under GST) will be deducted as applicable from your bill of taxable goods and/or services, where the total value of such supply exceeds 2.50lakh.
 - iii. Declaration confirming filing of Income Tax Return from immediate two preceding years, in accordance with Section 206 AB of the Income Tax Act 1961, has to be submitted in the prescribed proforma along with necessary acknowledgements in support of declaration. In case the aforesaid declaration is not submitted, TDS/TCS shall be deducted at higher rates as instructed under the provisions of Income Tax Act.

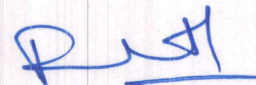
6. CONFIDENTIALITY CLAUSE:

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 a party with equal force.

"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.

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 medial like press, radio, T.V. or Internet without the prior written approval of BARC.



(Rahulnath P.P.)
SO/D, CAD

Phone: 0891-2832149,

Email: rahulnath@barc.gov.in

Scope of work**Fabrication, supply and installation of Heavy duty MS structure and platform**

The following items are to be fabricated, supplied and installed;

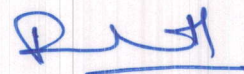
| Sl. No. | Item | Drawing No. | Quantity | Scope |
|---------|--------------------------|-------------|----------|-----------------------|
| 01 | Medium duty MS structure | 01 | 01 | Supply & Installation |
| 02 | C45 Platform | 02 | 01 | Supply & Installation |

Items to be fabricated**1. MS structure: 01No.(Drg.No.1)**

- a. Material: **MS**
- b. Overall size: 2000(L) x 535(W) x 550mm(H).
- c. Main structure has to be made of square tube of size 75x75x6mm.
- d. Side supports are to be made of square tube of size 50x50x4.5mm.
- e. Proper welded joints have to be made.
- f. For side 'X' support, joint has to be made by 4 square pipes each of length equal to half the diagonal size.
- g. Bottom plates of 200x200x20mm are to be attached to structure. 4 holes of 12.2mm have to be made as shown in drawing no.1.
- h. Surface level of the bottom and top surface of structure has to be ensured within 1.0mm over 2m. Surface gauges are to be used for measurement purpose.
- i. At the top surface of stand, 10mm thick and 75mm width MS plate has to be welded along top surfaces of all 4 MS square pipes.
- j. After all welding procedures, planar milling has to be done on top MS plates for ensuring straightness within 0.1mm.
- k. The surface generated must be **parallel to the ground** within a tolerance of 0.2mm.
- l. Slots of width length 40mm and width 6.1mm are to be provided at 170mm distance as mentioned in the drawing.
- m. **Powder coating** has to be done on the stand including the MS strips at the top.

2. C45 Platform(Drg.No.2)

- a. Material: **C45**
- b. Overall Size: 2000x610x30mm
- c. Holes have to be made on surface as mentioned in the drawing.
- d. M10 Tapping has to be made on surface as mentioned in the drawing.
- e. Counter slots has to be machine for holes as per standard dimension of M20 high card bolts. Positions are indicated in the drawing.
- f. **Parallelity** of surfaces has to be maintained within 0.1mm.
- g. **Surface finish** has to be ensured within 25microns.
- h. Ensure **tolerance** within 0.1mm for hole's position and dimensions.



Installation

1. See Drg.No.3 for details.
2. Plate of size 2000x600x28mm has to be installed on to the MS structure.
3. M20 high carbon bolts (Approx.30nos.) are to be welded on to the stand top portion to facilitate installation of C45 plate.
4. The plate must fit freely over the structure with the help of High Carbon Bolts.
5. Sufficient length of bolt has to be ensured for easy arrangement of plate.
6. One Nut& Washer each has to be provided above and below the plate, for all the bolts.
7. On-site welding and installation is mandatory.
8. Qualified fitters are to be deputed by the vendor for the installation purpose.
9. **All fasteners (SS-Bolts, Nut and washer etc)** are to be supplied by the vendor.
10. Necessary tools for installation purpose are to be brought by the vendor.
11. Loading/unloading of materials is under the scope of supplier.
12. All safety measures (Helmets, gloves, goggles, safety shoes etc.) must be taken by fitters during installation.

GENERAL REQUIREMENTS:

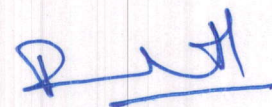
- a) The vendors are encouraged to hold prior discussions with the indenter for any clarifications.
- b) Finished products should be delivered to the address given below.

Address:

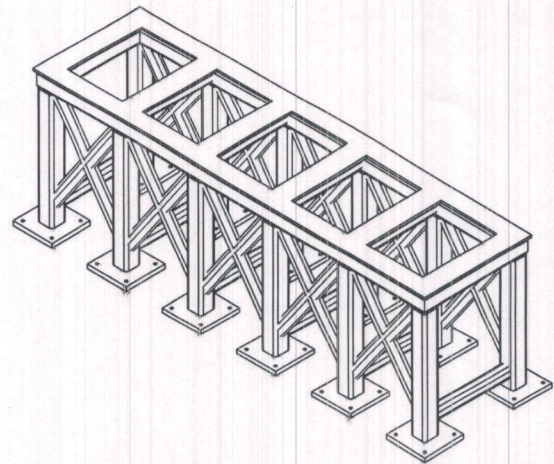
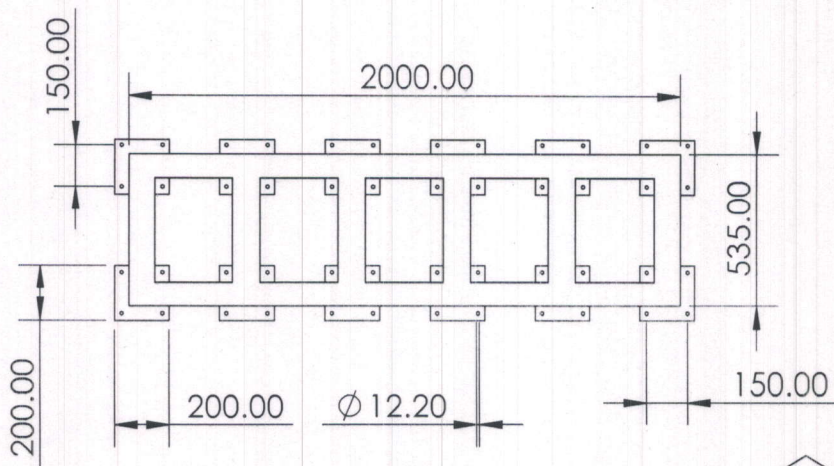
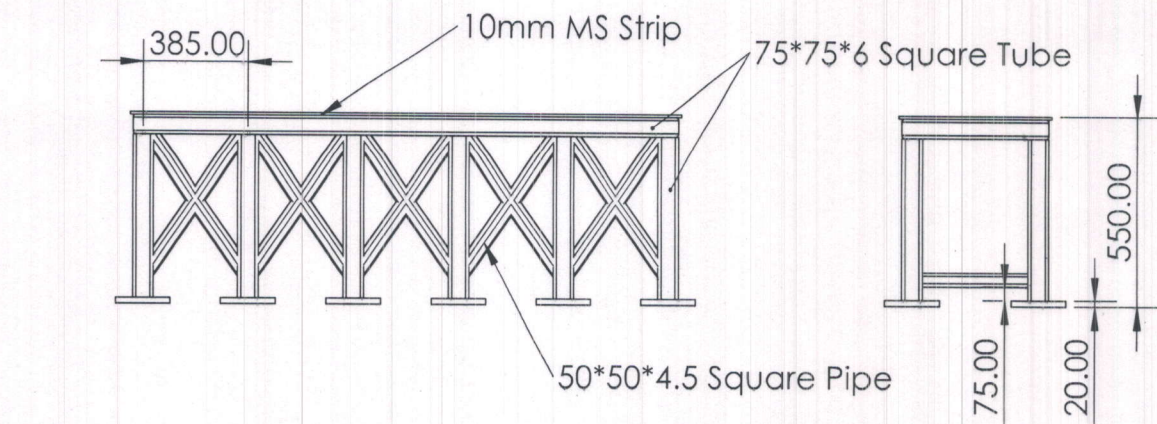
"Stores Officer, Bhabha Atomic Research Center, Near Nagavaram Junction, Nagavaram-Atchutapuram Highway, Visakhapatnam, Andhra Pradesh- 531011"

- c) The cost of transportation/delivery if any should be mentioned in the quotation.
- d) It is mandatory to **mention prices of each item separately.**
- e) Single order will be placed for all the above items and no partial work is permitted.
- f) Minimum Guarantee/**Warranty period** of the raw material and workmanship shall be **One Year.**
- g) **Contact Persons:**

- a) **Shri. Rahulnath P.P.,** Computational Analysis Division, BARC
Contact details: rahulnath@barc.gov.in
Phone: 0891-283-2149, 8985875318



(Rahulnath P.P.)
SO/D, CAD



MS Structure

DRG. No.:01

All dimensions are in mm

Quantity:01

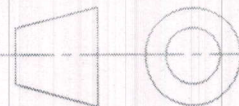
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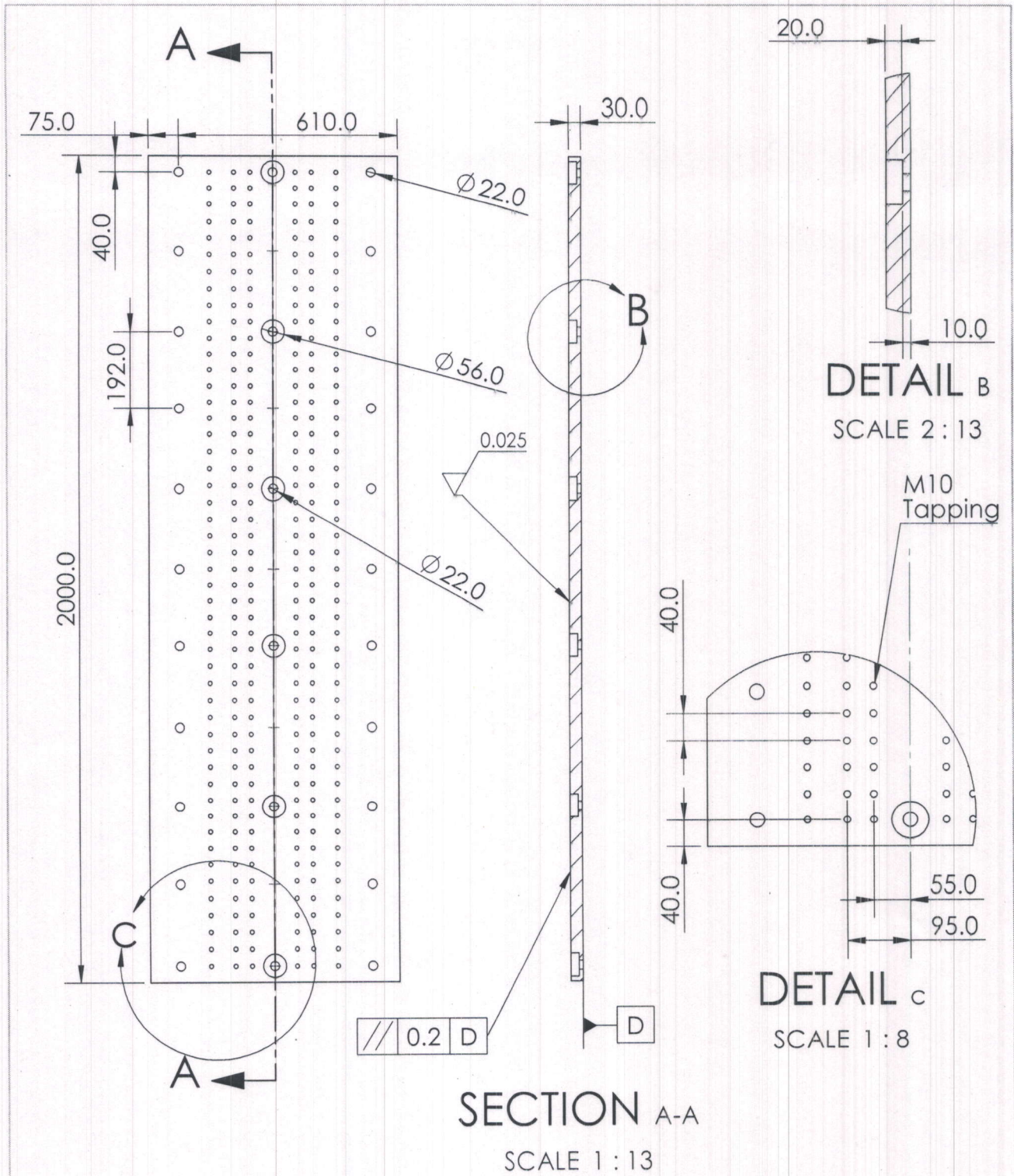
Material:MS

DATE:16/12/2022

MF:22-23/21

NAME & Sign.:Rahulnath





Platform

DRG. No.:02

All dimensions are in mm

Quantity:01No.

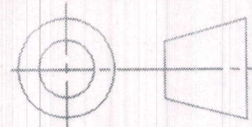
SCALE:

Material: C45

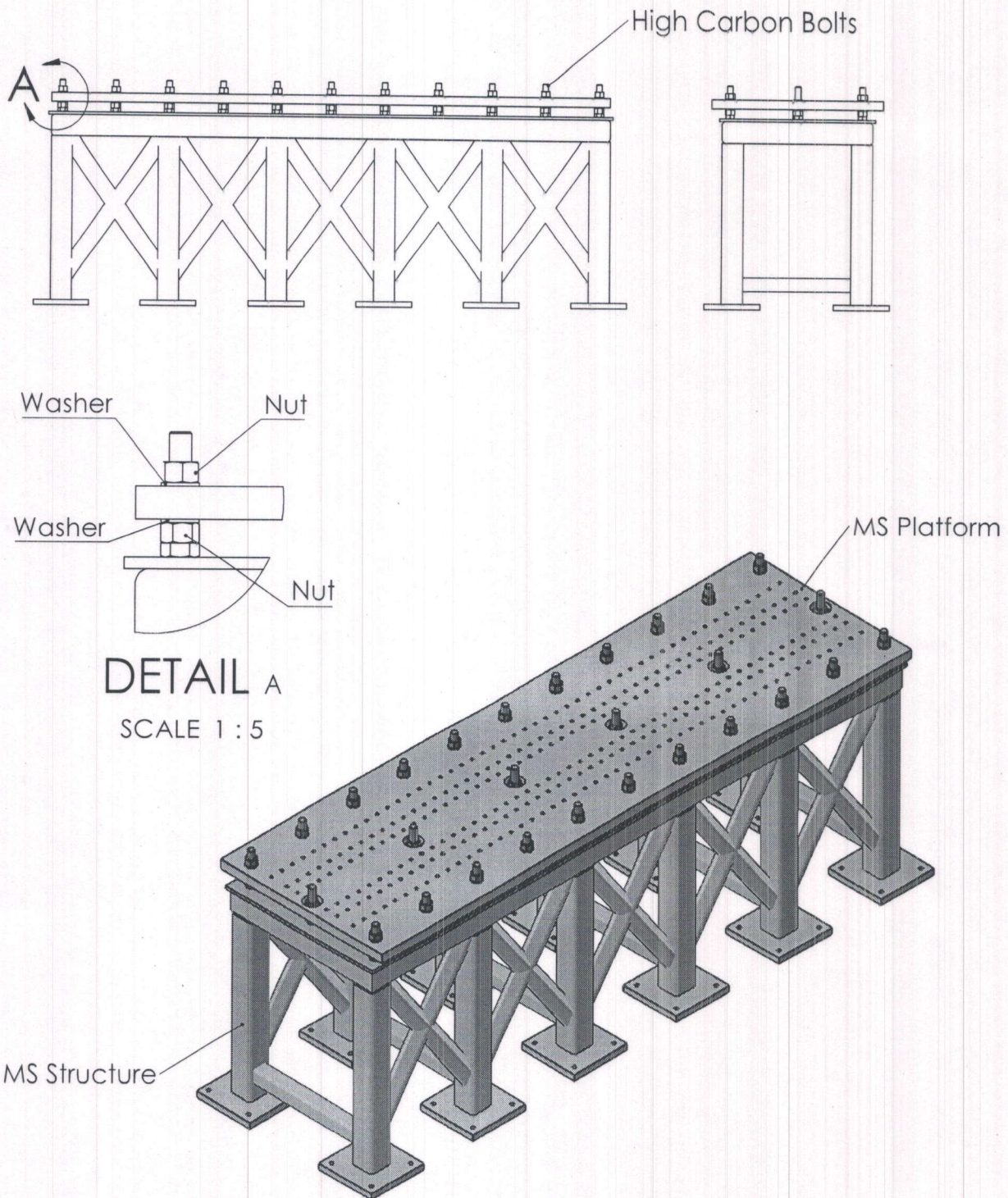
DATE:16/12/2022

MF:22-23/21

NAME & Sign.:Rahulnath



Rahulnath



Assembly of MS Structure and Platform

DRG. No.:03

All dimensions are in mm

Quantity:01No.

SCALE:

Material: MS & C45

DATE:16/12/2022

MF:22-23/21

NAME & Sign.:Rahulnath

