

**Government of India
Bhabha Atomic Research Centre
Metallic Fuels Division**

Ref: ED&DD/RSP/17/OPA-158301

Date: - 12-09-2017

To,

Dear Sir,

We request you to submit your quotation for **“Fabrication, supply, testing & guarantee of Welding fixture as per drawing BARC/MRG/ED&DD/1356 (1of 3 to 3of 3)”and specifications in the annexure”**.

Yours Faithfully,

(R.S.Prasad)
Scientific Officer (G)

Encl.: 1.Annexure (3 pages)
: 2.Drawings (3 sheets)

ANNEXURE

SCOPE:

“Fabrication, supply, testing & guarantee of one number of welding fixture as per drawing No. BARC/MRG/ED&DD/1356 (1of 3 to 3of 3)”

GENERAL:

- You shall send your offer in a sealed envelope indicating delivery period, price inclusive of taxes and other relevant information, to:

R.S.Prasad
Scientific Officer (G)
ED&DD/ MRG,
RLG, Bhabha Atomic Research Centre
Trombay, Mumbai- 400 0085

- Quotation shall reach us on 21/09/2017, before 11.30 hrs.
- Please send "REGRET" if not quoting.
- On top left corner of the envelope please indicate Quotation for **“Welding Fixture”**
- Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorised person from the firm shall countersign such figure.

3. TAXES:

- The Applicable taxes in GST format with break up for different items and their individual tax component in case of variation for individual sub-items must be submitted with the offer.

4. DELIVERY PERIOD:

- 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.
- Early delivery schedule will be given a consideration.
- Guarantee / Warranty of the material supplied for one year.
- For any Enquiry and clarifications on drawing you may contact the following persons S/Shri. R.S.Prasad (25590728).

5. DRAWING:

- Drawing NO. **BARC/MRG/ED&DD/1356 (1 of 3 to 3 of 3)** submitted is essentially a design drawing. Any conflict with the requirement, discretion is with the purchaser. Any modification/ changes without affecting the basic design are under the scope of fabrication.
- Party shall prepare detailed fabrication drawings. Any suggestion shall be indicated clearly on these drawings. These detailed fabrication drawings shall be submitted to the purchaser for approval. After purchaser’s approval only fabrication shall be started.

6. MATERIAL:

- Dovetail guide (Part No.59&60) – Make: SKF or equivalent.

- Dial Guage (Part No.61) – Best quality with warranty.
- All MS components must be suitably finished with Anodising/Blackening/Powder coating.
- Any deviation from the above mentioned specifications must be approved by the user department before integrating with the machine.
- All the material used shall be of recent make & free from defects.

7. FABRICATION:

- Workmanship shall be accordance with high-grade practice and adequate to achieve the accuracy & finish.

7.1. WELDING:

- Only gas tungsten arc welding (GTAW/TIG) shall be used.
- Welding shall be uniform and free from all defects such as cracks, porosity, and cavities.
- **Proper care shall be taken to align the various parts and clamp them with suitable fixtures prior to welding to eliminate distortion.**
- All the welds shall have full penetration.

7.2 MACHINING:

- In general, machining shall be as specified. Care shall be taken to ensure that chatter marks, scratches and burrs are removed from the machined surfaces. All sharp corners are to be broken. All tolerances, sizes and finishes shall be as per the drawings.

8. FINAL INSPECTION & TESTING:

- Unit will be inspected for overall dimensional accuracies, and tolerances.
- All units shall be inspected at your workshop. Therefore suitable arrangement to be made for the same.
- The welding of dummy assemblies will be tested at your workshop. The straightness/parallelism of the assembly will be characterised at BARC. Any deviation must be rectified at your workshop before delivery of the equipment to BARC.
- The sample welded assemblies must be sent to purchaser (BARC) for final scrutiny of the specifications. In case of any discrepancy in the test results, the decision of BARC will be final.
- The Machine will be accepted only after successful trial runs on aluminum assemblies to achieve desired specifications.

PLACE OF DELIVERY:

- The inspected and accepted assemblies shall be delivered to:
Stores Officer
Radiological Zonal Stores
Bhabha Atomic research centre
BOMBAY 400 085

INSPECTION AND TESTING:

The purchaser will have access at all reasonable times to all shops of the contractor and the sub-contractors where material is being fabricated and assembled and all reasonable facilities for such inspection shall be provided. Prior to the supply of item the manufacture has to get it approved from the purchaser.

PAYMENT TERMS:

Full payment will be made only after the satisfactory completion of Work order and delivery of “**Fabrication, supply, testing & guarantee of one number of Welding fixture as per drawing No. BARC/MRG/ED&DD/1356 (1of 3 to 3of 3)**”. Please note that income tax @ 2% will be deducted from your bill. *No part payment or advance payment will be made.* For this mode of payment, you are required to draw your invoice in the name of Director, Nuclear Fuels Group, Bhabha Atomic Research Centre, Mumbai 400085, in **triplicate along** with Advance Stamp receipt and to be submitted along with “**Fabrication, supply, testing & guarantee of one number of welding fixture as per drawing No. BARC/MRG/ED&DD/1356 (1of 3 to 3of 3)**”.

- **Company’s PAN No. should be furnished along with the bill.**
- **Company’s copy of Sales Tax /Service Tax Registration Certificate has also to be furnished along with the bill.**

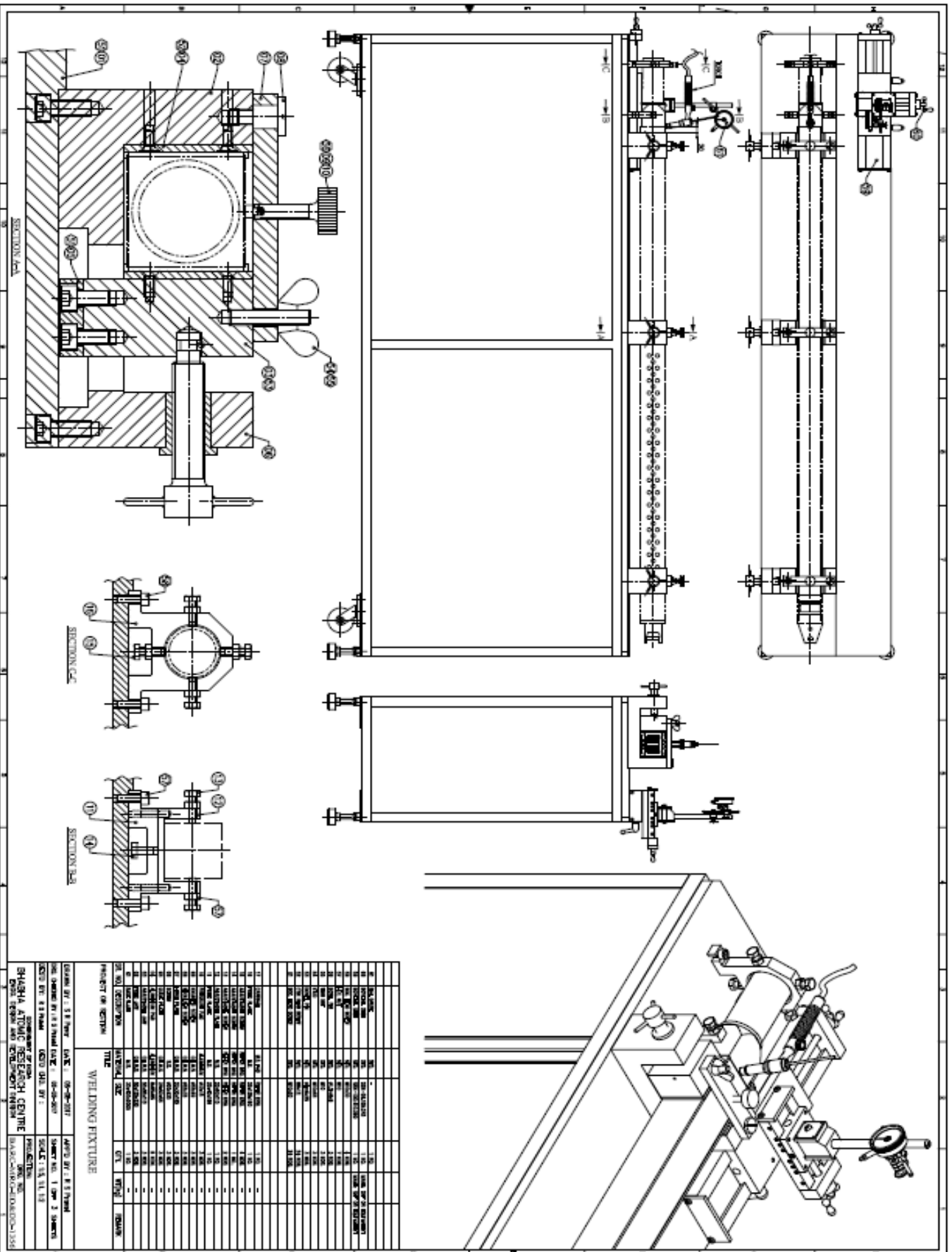
DELAY CLAUSE:

Any delay which is attributable to the contractor is liable for penalty @0.5% per week (max. 5%) to be imposed on the contractor.

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 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.

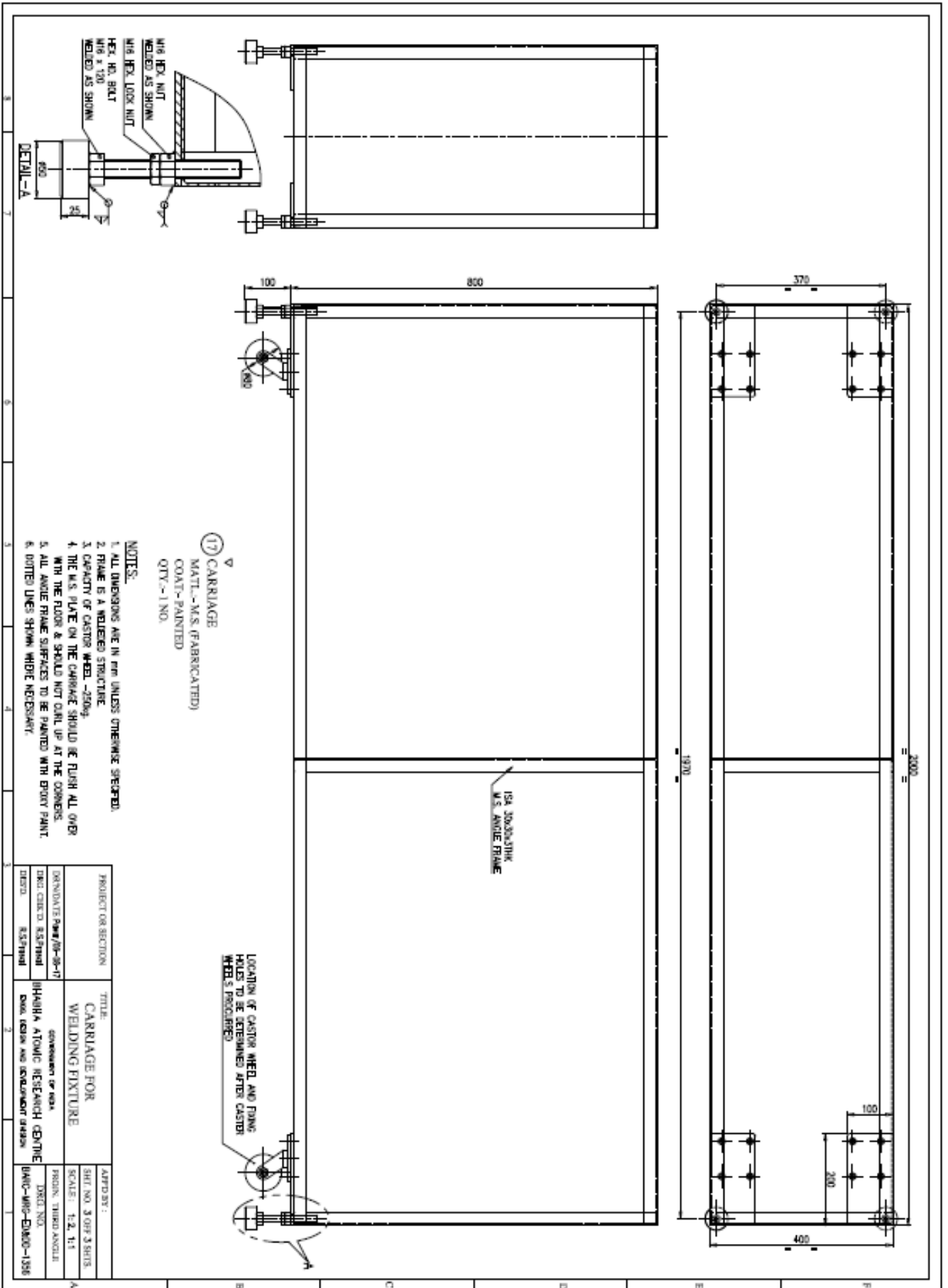
R.S.Prasad
Scientific officer (G)
(On behalf of the President of India)



WELDING FIXTURE									
PART NO. OR SECTION		TYPE		MATERIAL		QTY		REMARKS	
1	BASE	MS	100	100	100	100	100	100	
2	CLAMPING MECHANISM	MS	100	100	100	100	100	100	
3	WELDING TORCH	MS	100	100	100	100	100	100	
4	WELDING TORCH	MS	100	100	100	100	100	100	
5	WELDING TORCH	MS	100	100	100	100	100	100	
6	WELDING TORCH	MS	100	100	100	100	100	100	
7	WELDING TORCH	MS	100	100	100	100	100	100	
8	WELDING TORCH	MS	100	100	100	100	100	100	
9	WELDING TORCH	MS	100	100	100	100	100	100	
10	WELDING TORCH	MS	100	100	100	100	100	100	
11	WELDING TORCH	MS	100	100	100	100	100	100	
12	WELDING TORCH	MS	100	100	100	100	100	100	
13	WELDING TORCH	MS	100	100	100	100	100	100	
14	WELDING TORCH	MS	100	100	100	100	100	100	
15	WELDING TORCH	MS	100	100	100	100	100	100	
16	WELDING TORCH	MS	100	100	100	100	100	100	
17	WELDING TORCH	MS	100	100	100	100	100	100	
18	WELDING TORCH	MS	100	100	100	100	100	100	
19	WELDING TORCH	MS	100	100	100	100	100	100	
20	WELDING TORCH	MS	100	100	100	100	100	100	
21	WELDING TORCH	MS	100	100	100	100	100	100	
22	WELDING TORCH	MS	100	100	100	100	100	100	
23	WELDING TORCH	MS	100	100	100	100	100	100	
24	WELDING TORCH	MS	100	100	100	100	100	100	
25	WELDING TORCH	MS	100	100	100	100	100	100	
26	WELDING TORCH	MS	100	100	100	100	100	100	
27	WELDING TORCH	MS	100	100	100	100	100	100	
28	WELDING TORCH	MS	100	100	100	100	100	100	
29	WELDING TORCH	MS	100	100	100	100	100	100	
30	WELDING TORCH	MS	100	100	100	100	100	100	
31	WELDING TORCH	MS	100	100	100	100	100	100	
32	WELDING TORCH	MS	100	100	100	100	100	100	
33	WELDING TORCH	MS	100	100	100	100	100	100	
34	WELDING TORCH	MS	100	100	100	100	100	100	
35	WELDING TORCH	MS	100	100	100	100	100	100	
36	WELDING TORCH	MS	100	100	100	100	100	100	
37	WELDING TORCH	MS	100	100	100	100	100	100	
38	WELDING TORCH	MS	100	100	100	100	100	100	
39	WELDING TORCH	MS	100	100	100	100	100	100	
40	WELDING TORCH	MS	100	100	100	100	100	100	
41	WELDING TORCH	MS	100	100	100	100	100	100	
42	WELDING TORCH	MS	100	100	100	100	100	100	
43	WELDING TORCH	MS	100	100	100	100	100	100	
44	WELDING TORCH	MS	100	100	100	100	100	100	
45	WELDING TORCH	MS	100	100	100	100	100	100	
46	WELDING TORCH	MS	100	100	100	100	100	100	
47	WELDING TORCH	MS	100	100	100	100	100	100	
48	WELDING TORCH	MS	100	100	100	100	100	100	
49	WELDING TORCH	MS	100	100	100	100	100	100	
50	WELDING TORCH	MS	100	100	100	100	100	100	

DRAWN BY: S. K. SHARMA
 DATE: 08-08-2017
 APPROVED BY: S. K. SHARMA
 DATE: 08-08-2017
 SHEET NO. 1 OF 1 SHEETS
 SCALE: 1:1 (1:1)

SHARMA ATOMIC RESEARCH CENTRE
 DR. B. R. KHARAR AND DEVELOPMENT INSTITUTE
 BARAN-CO-ROD-DUMRA-328



(17) CARRIAGE
 MANTL.-M.S. (FABRICATED)
 COAT.-PAINTED
 QTY.-1 NO.

- NOTES:**
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 2. FRAME IS A WELDED STRUCTURE.
 3. CAPACITY OF CASTER WHEEL -250kg.
 4. THE M.S. PLATE ON THE CARRIAGE SHOULD BE FLUSH ALL OVER WITH THE FLOOR & SHOULD NOT CURL UP AT THE CORNERS.
 5. ALL ANGLE FRAME SURFACES TO BE PAINTED WITH EPOXY PAINT.
 6. DOTTED LINES SHOWN WHERE NECESSARY.

PROJECT OR SECTION	TITLE	APPROVED BY :
DATE: 08/08/17	CARRIAGE FOR WELDING FIXTURE	SHT. NO. 3 OF 3 SHTS.
DRAWN BY: R.S. Prasad	GOVERNMENT OF ANDHRA	SCALE: 1:2, 1:1
DESIGN: R.S. Prasad	INDIA ATOMIC RESEARCH CENTRE	PROJ. NO. THIRD ANGLE
	DRUG. DESIGN AND DEVELOPMENT DIVISION	DRAWING NO. DWG-WIP-EDWD-1356