



**THE RAJASTHAN SMALL INDUSTRIES CORPORATION LTD.**  
**(A Government of Rajasthan Undertaking)**  
Udyog Bhawan, Tilak Marg, C-Scheme, Jaipur-302 005  
Phone: 0141-2227079 Fax: 0141-2227257  
**Website:** www.industries.rajasthan.gov.in/rajsico  
**E-mail:** rajsico@rajasthan.gov.in, rajsicomarketing@gmail.com  
CIN- U 91110RJ1961SGC001118

**E-Tender for supply of  
Steel Furniture Items  
Year 2025-26  
(Two Bid System)  
34/2024-25  
Bid Value- 160 lakh**

Tender Form Fee Rs.2, 000/- for SSI Units only (Non refundable)  
(In favour of "The Rajasthan Small Industries Corporation Limited)  
Processing Fee: Rs. 2,000/- (Non refundable) (In favour of "MD RISL")  
Earnest Money Deposit: Rs. 80,000/-(Refundable)  
(In favour of "The Rajasthan Small Industries Corporation Limited)  
Performance Security: Rs. 80,000/- (Applicable for successful bidders only)

S.No.	Schedule	Date	Time
1.	Publishing Date	17.3.2025	6.00 PM
2.	Document Download Start Date	17.3.2025	6.00 PM
3.	Document Download End Date	7.4.2025	1.00 PM
4.	Bid Submission Start Date	17.3.2025	6.00 PM
5.	Pre Bid Meeting	25.3.2025	12.00 Noon
6.	Bid Submission End Date	7.4.2025	1.00 PM
7.	Bid Opening Date	7.4.2025	3.00 PM
8.	Submission of Demand Draft/Banker Cheque of Tender Cost(including processing Fees) and Earnest Money	From 17.3.25 to 7.4.2025	till 12 Noon

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## E-Tender Notice



**The Rajasthan Small Industries Corporation Ltd.  
(A Government of Rajasthan Undertaking)**

**Udyog Bhawan, Tilak Marg, C-Scheme, Jaipur-302005**

**Phone: 0141-2227079 :: 0141-2227267**

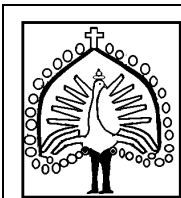
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***E-tender BID Invitation Notice 34/2024-25  
Supply of Steel Furniture***

*RSIC is inviting online competitive BIDS from MSME SSI Units who are registered from Industries Department, Government of Rajasthan for supply of **Steel Furniture** to the Government of Rajasthan Departments, PSUs, etc. rate contract for the period of two year. The Tender/Bid shall only be submitted through online tendering system of **eproc.rajasthan.gov.in**. Last date of submission of online bids 7.4.2025 till 1 PM*

*For further details visit our website: [industries.rajasthan.gov.in/rsicl](http://industries.rajasthan.gov.in/rsicl) or [sppp.rajasthan.gov.in](http://sppp.rajasthan.gov.in) or contact: Marketing section on 7230044432/9214009956*

***Managing Director***



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**E-mail:** [rajsico@rajasthan.gov.in](mailto:rajsico@rajasthan.gov.in)

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**INSTRUCTIONS TO BIDDERS**

**01 INSTRUCTIONS TO THE TENDERERS.**

The RSIC Limited is a Government of Rajasthan Undertaking Corporation Registered under Companies Act 1956 and has been authorized by the Government of State to procure Steel Furniture from SSI units to supply to various Govt. Departments / Corporation.

- **Important Instruction:-The Law relating to procurement “The Rajasthan Transparency In Public procurement Act, 2012” [hereinafter called the Act] and the “The Rajasthan Public procurement Rules, 2013” [hereinafter called the Rules] under the said Act have come into force which are available on the website of State Public Procurement Portal <http://sppp.raj.nic.in>. Therefore, the Bidders are advised to acquaint themselves with the provisions of the Act and Rules before participating in the Bidding process. If there is any discrepancy between the provision of the Act and the Rules and this Bidding Document, the provisions of the Act and the Rules shall prevail**

**02. SUBMISSION OF TENDER:**

Instruction to bidders for online submission of e-tender

- 2.1 The bidders who are interested in bidding can download tender documents from <http://eproc.rajasthan.gov.in>
- 2.2 Bidders who wish to participate in this tender will have to be registered on <http://eproc.rajasthan.gov.in>. To participate in online tenders, bidders will have to procure Digital Signature Certificate (type II or III) as per information technology Act-2000 using which they can sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency i.e. TCS, safe-crypt, (n) code, etc or Government of Rajasthan e-procurement Cell, Department of IT&C, Government of Rajasthan for further assistance. Bidders who already have a valid Digital Certificate need not to procure a new Digital Certificate Contact No. 0141-4022688 (Help Desk 10 AM to 6 PM on all working days) email: [eproc@rajasthan.gov.in](mailto:eproc@rajasthan.gov.in) Address: e-procurement cell, RISL, Yojana Bhawan, Tilak marg, C-Scheme, Jaipur.
- 2.3 Bidder shall submit their offer on-line in electronic formats both for technical and financial proposals; however DD/Banker Cheque for Tender Fees, Processing Fees and EMD should be submitted manually in the office of Tendering Authority (RSIC Ltd.) before scheduled date & time as mentioned in NIT. Scanned copy of DD should also be uploaded along with the online Bid.
- 2.4 Before electronically submitting the tenders, it should be ensured that all the tender papers including conditions of contract are digitally signed by the tenderer.

2.5 Training for the bidders on the usage of e-Tendering system is also being arranged by RISL on regular basis. Bidders interested for training may contact e-Procurement Cell, RISL for booking the training slot.

2.6 Bidders are also advised to refer “Bidders manual” available under “Download” section for further details about the e-tendering process.

2.7 Bidders shall have to enter the documents in the “cover” as per the following order:-

TECHNICAL COVER (In the Technical document cover (in PDF))

(i) In the Fee Packet (in PDF)

- a. Scanned copy of DD/Banker's Cheque for tender fee in favour of “The Rajasthan Small Industries Corporation Ltd.”, payable at Jaipur
- b. Scanned copy of DD/Banker's Cheque for Earnest Money in favour of “The Rajasthan Small Industries Corporation Ltd.”, payable at Jaipur
- c. Scanned copy of DD/Banker's Cheque for Processing Fees in favour of MD, RISL payable at Jaipur

(ii) Scanned copy (signed & sealed) of the following mandatory papers for Evaluation Technical Bid

1. **Attested copy of SSI permanent Registration Certificate of Industries Department / Acknowledgement of Entrepreneurial Memorandum Part-II by Industries Department / Udyog Aadhar/Udhyam Adhar of Steel Furniture .**
2. Appendix ‘D’ regarding Acknowledgement of Entrepreneurial Memorandum Part-II.
3. Attested copy of GST Registration Certificate.

(iii) Scanned copy of the supporting papers for evaluation of Technical Bids

1. Attested copy of latest GST Clearance Certificate/Latest GST Return filled by Tenderer
2. Appendix ‘A’ for Affidavit/Undertaking by the Tenderer to the effect that he has not been blacklisted by any Government and any Public Sector Undertaking
3. Appendix ‘B’ for Performance Certificate of last two years.( Not applicable for the units registered within last two years)
4. Appendix ‘C’ for Undertaking regarding Production Capacity.
5. Annexure ‘E’ for Affidavit regarding compliance to Terms & Condition of Tender
6. Annexure ‘A’ to ‘D’ for Transparency Act.
7. Details of equipment, vehicles and machinery owned and possessed on date of submission of the tender.
8. Latest Electricity Bill
9. Evidence of the authority of the person signing this proposal to bind Tenderer to the proposal and to any contract resulting there from.

2.8 Tenderer have to participate in all the items mentioned in BOQ “Schedule of price”.

2.9 RSIC requires that the offers in response to this call to Bid and complete in all respects, be submitted as per schedule dates mentioned above. No. Tender will be accepted after due date & time fix for receiving of tender.

2.10 If the last date fixed for receiving Bids in the office or is declared to be a holiday, the next working day will be deemed to be the last date for the purpose. The explanation will also apply in relaxation to other dates fixed for any purpose whatsoever.



2.11 Validity of offer:- 120 days from the date of opening of tender.

2.12 The RSIC reserves the right to reject any or all the tenders without assigning any reason thereof.

2.13 Financial Cover(.xls format)

The Bill of Quantity (BOQ) shall be upload after entering the rate/percentage in following BoQ as per enclosed detailed technical specifications of steel furniture items:

S.No.	Schedule No.	Description of Work
1.	BoQ	e-Tender for supply of Steel Furniture Items

Bidders shall enter name of the firm on BoQ Only.

Bidders are requested not to edit or change any item or quantity.

Rates are to be filling only on BOQ (in .xls format) sheet only

**Note: The financial Bids of only those Bidders would be opened and considered who meet the criteria of eligibility and found capable in factory inspection done by RSIC or any agency deputed by RSIC.**

**A. The rates should be quoted for Ex-works and FOR destination inclusive of all charges but exclusive of GST. No extra payment for Excise duty shall be made by the Corporation.**

**Special Note:**

1. All bidders are advised not to wait for last date and submit their tender/bid at earliest. The Corporation shall not be responsible for any inconvenience in website and No extension in deposition of Tender/bid shall be allowed for any bidder.
2. The list of tentative plant & machinery for factory inspection enclosed as Annexure F is for reference purpose. This list is only tentative and not exhaustive one, subject to modification by the inspection committee in the best interest of RSIC.



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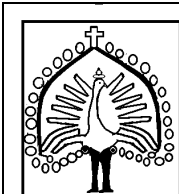
CIN- U 91110RJ1961SGC001118

**TECHNICAL BID**

**CHECK LIST**

S. No.	Particulars	Enclosed (Yes/No)	Page No.
1.	Attested copy of SSI permanent Registration Certificate of Industries Department / Acknowledgement of Entrepreneurial Memorandum Part-II by the DIC of Steel Furniture/ Udyog Aadhar		
2.	Appendix 'D' regarding Acknowledgement of Entrepreneurial Memorandum Part-II		
3.	Attested copy of GST Registration Certificate and Latest GST Clearance Certificate.		
4.	Performance Certificate of last two years as per (Appendix 'B').		
5.	Affidavit/Undertaking by the Tenderer to the effect that he has not been blacklisted by any Government and any Public Sector Undertaking (Appendix 'A')		
6.	Undertaking regarding Production Capacity. (Appendix 'C')		
7.	Affidavit regarding compliance to Terms & Condition of Tender (Annexure 'E' and Annexure 'A' to 'D')		
8.	Details of equipment, vehicles and machinery owned and possessed on date of submission of the tender.		
9.	Latest Electricity Bill		
10.	Evidence of the authority of the person signing this proposal to bind Tenderer to the proposal and to any contract resulting there from.		

**Note- Documents mentioned in check list of Technical Bid is mandatory.**



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**E-TENDER FORM FOR STEEL FURNITURE ITEMS**

1.	Procuring Entity	Rajasthan Small Industries Corporation Ltd. Jaipur
2.	Subject matter of procurement & period of rate contract	
3.	The price of the Bidding Documents. e-bid processing fee	
4.	Procuring Entity's address (For clarification purposes only)	
5.	The Pre-Bid Meeting	
6.	The language of the Bid is	English / Hindi
7.	Documents required to be submitted along with technical bid.	As detailed in Technical Bid Check list.
8.	Bid validity period	120 days from the dead line for submission of Bids.
9.	Bid security	Rs. 80,000/-
10	Valid authorization for authorized signatory of bid documents.	Board Resolution/letter of Authorization under signature of competent authority on the letter of the Company/Firm.
11	Downloading of Bids.	From Rajasthan Government's portal <a href="http://eproc.rajasthan.gov.in">eproc.rajasthan.gov.in</a>
12	Name of the Firm (SSI Units)	
13	Telephone/ Mobile No.	Office----- (Resi.)-----
14	Office Address of the Firms (with e-mail ID) Must be entered	
15	Residence address	
16	Address of the SSI Unit as per Permanent Regd. Certificate of the Industries Department	
17	Constitution of the Firm whether Proprietorship/ Partnership/Company	

A	In case of Proprietorship Firm Name, Fathers Name and Residential Address of the Proprietor.	
B	In case of Partnership Firm Name, Fathers Name and Residential Address of all the Partners. Note: (Enclose the Registration Certificate from the Register of Firms or its attested copy/photocopy of Partnership Deed (Attach separate sheet if space is insufficient).	
c)	<u>In case of Company</u>	
i)	Regd. No. of the Company	
ii)	Name and Address of the Directors of the Company (Attach separate sheet if space is insufficient)	
18	<u>BANK DETAILS OF TENDERER</u> Banker's Name with Branch Account Type Account Number	
19	SSI Permanent Regd. Certificate No. issued by _____ (Enclose an attested photocopy of the same)	
20	GST Nos. _____	
21	PAN No. of the Tenderer (Enclose a certified copy of the same) E.M. D. of Rs. 80,000/- deposited vide CR No. _____ dated _____ Pay order/DD/Banker check No. _____ dated _____ drawn on . _____. (Name of Bank & Branch).	
		Signature of the Tenderer with seal (Name:----- (Designation:-----
<p>* Attach separate sheet for details, where required.</p> <p>* In case of authorized representative signing this document enclose copy of the Authority letter.</p>		

**Note- Documents mentioned in check list of Technical Bid is mandatory.**

**(On non judicial stamp paper of appropriate value)**

**DECLARATION**

I/We declare that I am/We are registered permanently as Small Scale Unit with the Industries Department, Govt. of Rajasthan and actually engaged in manufacturing of steel furniture items for which I/We have tendered. We shall supply the stores as fabricated/manufactured by our own SSI Unit only and not as a trader.

We are not blacklisted or debarred by the any Government Department/Undertaking.

हमारे द्वारा राजकिय विभागो को की गयी स्टील फर्नीचर की सप्लाई स्पेफिकेशन के अनुसार यदि कोई कमी पाई जाती या भविष्य में किसी भी प्रकार की मरम्मत की आवश्यकता होती हैं तो सप्लाई दी गयी तारिख से 2 वर्ष तक रिपेयर की जाने की जिम्मेदारी हमारी होगी।

If this declaration is found to be incorrect, then without prejudice to any other action that may be taken against us, the tender if and to the extent accepted may be cancelled and the amount of Earnest Money/Security Money may be forfeited.

Signature of the Tenderer with Seal

Presented by \_\_\_\_\_

Verified by \_\_\_\_\_

Signature

Gazetted Officer  
Or  
Magistrate  
Or  
Notary Public

Date

Time

Signature of the Tenderer with Seal

**APPENDIX- B**

**STATEMENT SHOWING THE PERFORMANCE IN RESPECT OF SUPPLIERS OF STEEL FURNITURE ITEMS  
AGAINST PREVIOUS ORDERS OF MAIN PURCHASING DEPARTMENTS DURING THE LAST TWO FINANCIAL YEAR**

Name of Deptt./Office	No. & Date of order	Quantity ordered	Quantity supplied	Date of supply delayed supply	Reasons for non-supply	Remarks

**SIGNATURE OF TENDERER WITH SEAL**

Note:-The Statement should be verified by the Chartered Accountants failing which tender is likely to be rejected.

**(To be furnished on non-judicial stamp paper of appropriate value)**

**UNDERTAKING**

Following is the production capacity of the items to be supplied by us against e-Tender Notice No.

<b>Item</b>	<b>Annual qty. (in Nos.)</b>	<b>Annual Capacity (in value)</b>

We undertake that as and when orders are placed by the Corporation during the rate contract period the supplies will be made up to the capacity value as noted above.

**Signature of Tenderer with Seal**

(To be certified by MSME/NSIC/Concerned DIC or Chartered Engineer)

**FORMAT OF AFFIDAVIT**  
**(on non judicial stamp paper of appropriate value)**

I.....S/o.....Aged.....years..... residing  
at.....Proprietor/Partner/Director of M/s.  
.....do hereby solemnly affirm and declare that:

- (a) My/Our above noted enterprise M/s. .... has been issued Acknowledgement of Entrepreneurial Memorandum Part-II by the District Industries Center..... The acknowledgement No. is..... dated.....and has been issued for manufacture of following items:  
(i)  
(ii)  
(iii)  
(iv)  
(v)
- (b) My/our above noted acknowledgement of Entrepreneurial Memorandum Part-II has not been cancelled or withdrawn by the Industries Department and that the enterprise is regularly manufacturing the above items.
- (c) My/our enterprise is having all the requisite plant and machinery and is fully equipped to manufacture the above noted items.

Place:

**Signature of Proprietor/Director**  
**Authorized Signatory with Rubber**  
**Stamp and date**

**VERIFICATION**

I.....S/o.....Aged.....yrs.....  
residing at .....Proprietor/Partner/Director of M/s.  
.....verify and confirm that the contents at (a),(b) & (c)  
above are true and correct to the best of my knowledge and nothing has been concealed therein.  
So help me God.

**Attested by Notary Public**

**DEPONENT**



Affidavit regarding compliance to Terms & Condition of Tender  
**(On non judicial stamp paper of appropriate value)**

Bidder Name:

I/We confirm that I/We are authorized to submit tender on behalf of the firm participating in the tender and have perused the entire tender document including all its amendments till date.

Having perused the subject tender with all amendments (wherever applicable). I/We hereby confirm unconditional acceptance and compliance to abide by all its terms & conditions as mentioned in Tender document including technical particulars, Detailed technical specifications of the product, Special Terms & Conditions and General Terms & Conditions wherever indicated, offer validity, terms of delivery without any deviations whatsoever: I/we shall ensure that by me/ us against supply orders given by Rajasthan Small Industries Corporation (RSIC) from time to time are as per technical specifications and terms and conditions of the contract. In case any deviation is found I/we shall formally responsible for the same. RSIC or its any official will not be responsible for the same in any manner whatsoever. All materials supplied I also give acceptance to go through Pre-Bid meeting minutes whenever issued and abide by the same.

I/We also confirm acceptance of the arbitration clause No. 20 of General Terms & Condition of tender document.

I/We certify that the prices quoted against the tender are competitive and without adopting any unfair / unethical means in including cartelization.

I/We certified that tendering firm has not been banned by any Government Department of the State / PSU from business dealings & FIR in ACB.

I/We also certified that the information given above is factually correct, true and nothing material has been concealed.

**Name of Representative with Signature and Seal**  
**VERIFICATION**

I.....S/o.....Aged.....yrs.....  
 residing at .....Proprietor/Partner/Director of M/s.  
 .....verify and confirm that the contents at (a),(b) & (c)  
 above are true and correct to the best of my knowledge and nothing has been concealed therein.  
 So help me God.

**DEPONENT**

**Attested by Notary Public**

**Tentative Plant & Machinery for Steel Furniture**  
(For Factory Inspection Reference purpose)

<b>S. N.</b>	<b>Plant &amp; Machinery</b>
<b>1.</b>	Drill Machine
<b>2.</b>	Pipe Banding Fixture
<b>3.</b>	Gas Welding Set
<b>4.</b>	Air Compressor with Painting Gun & M/c
<b>5.</b>	Sheet Cutting M/c
<b>6.</b>	Sheet Cutting M/c
<b>7.</b>	Sheet Banding M/c (Big & Small)
<b>8.</b>	Hand Grinder
<b>9.</b>	Accessories Tool & Equipments for Sheet Banding
<b>10.</b>	Electric Welding M/c
<b>11.</b>	Chamber for Color Enameling
<b>12.</b>	Seven Tanks (chemical treatment process called the 7 Tank Process)
<b>13.</b>	Powder Coating Machine (Priority will be given on demand for powder coating furniture by the purchasing department)

**Compliance with the Code of Integrity and No Conflict of Interest**

Any person participating in a procurement process shall -

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) not misuse any Information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) not obstruct any investigation or audit of a procurement process;
- (g) Disclose conflict of interest, if any; and
- (h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

**Conflict of Interest:-**

**The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.**

**A bidder may be considered to be in Conflict of interest with one or more parties in an bidding process if, including but not limited to;**

- (a) **have controlling partners/shareholders in common; or**
- (b) **receive or have received any direct or indirect subsidy from any of them; or**
- (c) **have the same legal representative for purposes of the Bid; or**
- (d) **have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or**
- (e) **The bidder participates in more than one Bid in abiding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or**
- (f) **the Bidder of any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or**
- (g) **Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring Entity as engineer-in-charge/consultant for the contract.**

**Declaration by The Bidder regarding Qualification**

**Declaration by the Bidder**

In relation to my/our Bid submitted to ..... for procurement of ..... in response to their Notice Inviting Bid No. ....  
Dated.....

I/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the bidding document;
3. I/We are not insolvent in receivership , bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/We do not have a conflict of interest as specified in the Act, Rules and Bidding Document, which materially affects fair competition;

Date:

Place:

Signature of Bidder

Name:

Designation:

Address:

**Grievance Redressal during Procurement Process**

The designation and address of the Appellate Authority

**The designation and address of the Appellate Authority**

**First appellate authority is Managing Director, RSIC.**

**Second appellate authority is Chairman of R.S.I.C.**

**(1) Filling an appeal**

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued there under, he may file an appeal to Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

Provided further that in case a procuring Entity evaluates the Technical Bids before the opening of the financial Bids, an appeal related to the matter of Financial Bids may be filed only by a bidder whose technical bid is found to be acceptable.

(2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under para(1) fails to dispose of the appeal filed within the period specified in para(2), or if the Bidder or prospective bidder of the Procuring Entity is aggrieved by the order passed by the Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be.

**(4) Appeal not to lie in certain cases**

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) Determination of need of procurement;
- (b) Provisions limiting participation of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality

**(5) Form of Appeal**

- (a) An appeal under para(1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any. Affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to Appellate Authority, as the case may be, in person or through registered post or authorized representative.

(6) Fee for Filling Appeal

(a) Fee for first appeal shall be rupees two thousand five hundred and second appeal shall be rupees ten thousand which shall be non-refundable.

(b) The fee shall be paid in the form of bank demand draft / banker's cheque of Scheduled Bank in India payable in the name of Appellate Authority concerned

(7) Procedure for disposal of appeal

(a) The Appellate Authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.

(b) On the date fixed for hearing, the Appellate Authority, as the case may be, shall,-

(i) Hear all the parties to appeal present before him; and

(ii) Peruse or inspect documents, relevant records or copies there of relating to the matter.

(c) After hearing the parties, perusal or inspection of documents and relevant records or copies there of relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.

(d) The order passed under sub-clause(c) above shall also be placed on the State Public Procurement Portal.

**Form No. – 1 Memorandum of Appeal (See sub-rule 1 of rule 83)**

**Memorandum of Appeal under the Rajasthan Transparency in Public**

**Procurement Act, 2012**

Appeal No ..... of .....  
Before.....(Appellate Authority)

**1 Particulars of appellant:**

(i) Name and father's name of the appellant :.....  
(ii) Official address :.....  
(iii) Residential address :.....

**2. Name and address of the respondent(s)**

(i) .....  
(ii) .....  
(iii) .....

**3. Number and date of the order appealed against and name and designation of the officer / authority who passed the order, or a statement of a decision, action or omission of the procuring entity in contravention to the provisions of the Act by which the appellant is aggrieved**  
.....

**4. If the Appellant proposes to be represented by :.....  
a representative the name and postal address .....  
of the representative. ....**

**5. Number of affidavits and documents enclose with the appeal:**

**6. Grounds of appeal:-**

.....  
.....(Supported by  
an affidavit)

**7. Prayer** .....  
.....

Place .....

Date .....

**Appellant's Signature**

**Additional Conditions of Contract****1. Correction of arithmetic errors.-**

Provided that Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis, namely: -

- (a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

**2. Procuring Entity's Right to vary Quantities.-**

- (a) At the time of award of contract, the quantity of Goods, works or service originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.
- (b) If the procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.
- (c) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the suppliers fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.

**3. Dividing quantities among more than one bidder at the time of award.-**

As a general rule all the quantities of the subject matter of procurement shall be procured from the bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, then in such cases, the quantity may be divided between the Bidders, whose Bid is accepted and the second lowest Bidder or even more bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.



## **GENERAL TERMS & CONDITIONS OF TENDER & CONTRACT**

**NOTE:** Tenderer should read these conditions carefully and comply strictly while sending their tenders. If a Tenderer has any doubts regarding the interpretation of any of the conditions or specifications mentioned in the Tender Notice he should before submitting the tender refer these to the Managing Director of the Corporation and obtain clarification. The decision of the Managing Director regarding the interpretation of the conditions and specifications shall be final and binding on the Tenderer. The following terms & conditions shall be applicable to the approved Contractor/Tenderer.

- 1) The parties to the contract, which shall be deemed to be a “rate contract” and which is intended for the supply of the stores of the description set forth in the schedule to the tender during the period therein specified, shall be the contractor of the one part and The Rajasthan Small Industries Corporation Ltd. on the other part.
- 2)
  - i) Subject, as otherwise mentioned, no guarantee can be given as to the quantity which would be ordered during the period of the contract.
  - ii) The Tenderer should sign the tender form at each and every page as a token of his acceptance of all the terms & conditions of the tender. He should also sign at the bottom of each of the pages of the tender form on which rates are quoted.
- 3)
  - i) The supplies shall have to be arranged according to requirements throughout the contract period as and when required and orders are placed.
  - ii) If orders are placed in excess of the quantities shown in the tender/undertaking, the successful Tenderer shall be bound to meet the required supply provided the excess order is up to 25% of the quantity notified in the tender on the same rates & conditions. In case of his failure to do so, the Corporation shall be free to arrange for the balance supply at the risk and cost of the Tenderer and the extra cost incurred shall be recoverable from the defaulting Tenderer.
  - iii) If the Corporation does not purchase any of the tendered items or purchase less than the quantity indicated in the tender form, if any. Tenderer shall not be entitled to claim any compensation.
- 4) Only such Tenderers who are manufacturers of items quoted in the Tender Form and permanently registered as such with Industries Department, Govt. of Rajasthan shall be eligible to participate in this tender.
  - i) Appendix ‘D’, regarding acknowledgment of Entrepreneurial Memorandum Part-II
  - ii) A manufacturer who is not registered under the Rajasthan GST Prevalent will not be eligible.
- 5) Tenderer will have to submit a latest Income Tax Clearance Certificate as and when demanded.
- 6) Tender forms should be filled in ink or typed. No tender filled in pencil shall be rejected.
  - i) The tenderers should quote their rate in the BOQ “Schedule of Rates” in .xls format attached with the tender. The rates shall be quoted in the figures and if any discrepancy is found in the figures Tenderer shall not be allowed to correct such mistake after opening of the tender.
  - ii) Rates quoted must be separately written as per the requirements of the tender form and should include all taxes, duties except Rajasthan GST.

- 7) The RSIC would be required to have the production unit inspected to satisfy itself of the production capacity and that the quality control measures are installed (As per Circular No. 24/2001 dated 31.10.2001 of GF&AR/RTTP Rules)
- 8) Fall Clause: - The price charged for the stores supplied under the Contract by the successful Tenderer shall in no event exceed the lowest price at which the successful Tenderer sells the stores of identical description to any other person during the period of the contract.
  - i) If at any time, during the said period the contractor reduces the sale price of such stores or sells such stores to any other person at a price lower than the price chargeable under the contract he shall forthwith notify such reduction of sales to the Managing Director, RSIC Ltd., Jaipur and the price payable under the contract for the stores supplied after the date of coming into force of such reduction of sale shall stand correspondingly reduced. The successful Tenderer shall furnish certificate in the manner required by the Managing Director to the effect that the provision of this clause has been duly complied with respect of supplies made or billed for upto the date of certificate.
  - ii) The successful Tenderer(s) shall endorse a certificate on each bill to the effect that the price condition referred to above has been satisfied.
- 9)
  - i) Tenders shall be valid for a period 120 days from the date of opening of the tender for the purposes of communicating acceptance by the Corporation.
  - ii) After tender has been accepted the rates shall remain valid for the period of up to two year. Any order placed on the last date of the Contract period by means of FAX, Telegram or Registered A.D. shall have to be honored by the approved Contractor within the specified time for which no late penalty shall be levied if the goods are supplied within the specific time mentioned in the order satisfactory.
  - iii) In the event of any breach of the conditions of the contract at any time on the part of the Contractor, the contract may be terminated summarily by the Corporation without compensation to the Contractor.
- 10)
  - i) Successful Tenderer will have to execute an agreement on non judicial stamp paper of Rs. 500/- in the prescribed form within the specified time period given by the Corporation.  
The expenses of completing and executing the agreement shall be paid by the Tenderer. The original copy of the agreement so executed shall be kept with the Corporation.
  - ii) If the Tenderer fails to execute the agreement within the period specified, such a failure will be treated as breach of the terms and conditions of the tender and under such circumstances the EM of the Tenderer shall stand forfeited.
- 11)
  - i) The Tenderer shall adequately and properly pack goods and shall be responsible for loss, & damages or injury to the goods during the transport till arrival at the destination.
  - ii) All packing cases, containers and other allied material shall be supplied without any extra charges except where otherwise specified by the Tenderer

- iii) All goods must be sent as per instructions of the Corporation to the respective consignees.
- iv) a) Unless otherwise agreed between the parties payment for the delivery of the stores will be made on submission of bills duly accompanied with receipted copy of the dispatch intimation and acceptance letter in proper form by the contractor to the Corporation within period of 45 days from the date of receipt of all required documents. No payment shall be made against incomplete bills of the Tenderer.
- b) The payment against supply is subject to receipt of payment from consignee/ purchasing department.
- c) All remittance charges will be borne by the Tenderer.
- d) No payment shall be made to the Contractor if he has not duly executed the Agreement.

## 12 **INSPECTION:**

- a. RSIC shall have full right to inspect production unit of the tenderer at any time before or after execution of the agreement. RSIC shall also have full rights to hire any outsource agency or person for the purpose. The tenderer shall extend all possible help & support.
- b. The tenderer shall deposit 0.5% inspection charges to RSIC on each supply as inspection fee of the production unit.**
- c. The material supplied by the tenderer will be inspected by the buyer department/agency and the tenderer will be required to ensure acceptance of the buyer department/agency in the format prescribed by RSIC. In case of any dispute decision of Chairman and Managing Director/Managing Director , RSIC shall be final and binding on the tenderer/supplier.
- d. Under normal circumstances the inspection of the material will be made by the buyer department. However, RSIC shall be free to inspect the material or get it inspected from any person/ agency in case of any dispute, complaint or otherwise and in such cases decision of Managing director, RSIC will be final & binding the tenderer/supplier.

## 13 **SUPPLY PERIOD:**

- i) The suppliers have to submit readiness of goods within 30 days from the date of supply order and have to supply the goods within 7 working days from the date of DI. Time period for completion of supplies shall be the essence of the Contract. The supplier had to supply the goods within stipulated period of supply order. The Corporation may in special circumstances extend the supply period after imposition of liquidated damages as given below:-
- a) Delay up to one-fourth period of the prescribed delivery period - 2½%
- b) Delay exceeding one – fourth but not exceeding half of the prescribed delivery period - 5%
- c) Delay exceeding half but not exceeding three fourth of the Prescribed delivery period - 7½%
- d) Delay exceeding three fourth but not exceeding the period equal to the prescribed delivery period - 10%
- e) However in deserving cases CMD/Managing Director, RSIC may permit extension in time period without imposition of liquidated damages mentioned above.

**Note**

- i) Fraction of a day in reckoning the period of delay in supplies shall be eliminated, if it is less than half a day.
  - ii) The maximum amount of agreed liquidated damages shall be 10%.
  - iii) In exceptional hardship cases, the Managing Director of the Corporation shall have the powers to waive the damages/late penalty as stated above.
  - iv) The time spent by the Corporation/its authorized agency/Consignee shall be excluded for the purposes of calculation of late penalty/damages.
  - v) The provision made in Clause 14 (iii) shall be without any prejudice to the rights of the Corporation to resort to risk purchase.
- 14) When the Tenderer is unable to complete the supply within the specified or extended period, the Corporation shall be entitled to purchase elsewhere without notice to the Tenderer, but on his (i.e. Tenderer's) account and risk, the goods or any part thereof which the Tenderer has failed to supply, or if not available, the best and nearest available substitute thereof, or to cancel the contract, and the Tenderer shall be liable for any loss or damage which the Corporation may sustain by reason of such failure on the part of the Tenderer. But the Tenderer shall not be entitled to any gain or such purchase made against default. The recovery of such loss or damage shall be made from any sums occurring to the Tenderer under this or any other contract with the Corporation. If recovery is not possible from the bill and the Tenderer fails to pay the loss or damage within one month, the recovery shall be made under the provisions of relevant law for the time being in force.
- 15) All articles supplied shall strictly conform to the specifications laid down in the enclosed statement of technical specifications of the tender form, and wherever articles have been required according to IS a specification these articles should confirm IS specifications and should preferably bear ISI certification mark. The supply shall in addition conform to the approved samples if any. For ISI items copy of the BIS License is to be submitted compulsorily.
- 16) i) Articles not approved shall be rejected by the Corporation and will have to be replaced by the Tenderer at his own cost, within the time limit fixed by the Corporation. No penalty shall be levied if the rejected goods are replaced within the time specified by the Corporation. The benefit of non-levy of penalty under such circumstances shall not be given to a Contractor who intentionally and not genuinely supplies goods with completely different specification.
- i) If, however, due to exigencies of Govt. work, such replacement, either in whole or in part, is not considered feasible, the Corporation after giving an opportunity to the Tenderer of being heard shall for reasons to be recorded, deduct a suitable amount from the Bill. The deduction so made by the Managing Director of the Corporation shall be final.
- 17) The rejected articles must be removed by the Tenderer within 15 days of the date of intimation of rejection, after which the Consignee/ Corporation shall not be responsible for any loss, shortage or damage and shall have the right to dispose of such articles as he/she thinks fit at the tenderer's risk and on his account.

- 18) The contract for the supply can be repudiated at any time by the Corporation if the supplies are not made to his satisfaction after giving an opportunity to the Tenderer of being heard.
- 19) If a Tenderer imposes conditions, which are in addition to or in conflict with the conditions mentioned herein, his tender is liable to summarily rejection.
- 20) In case of any dispute arising out of this contract or a matter touching or incidental to the Contract including interpretation of the terms of the Contract or for award of damages etc. the same shall be resolved by means of arbitration only. The Managing Director of the Corporation or his duly nominated person shall act as sole arbitrator to resolve such dispute. The provisions of Arbitration and Conciliation Act, 1996 or an amendment there of shall be applicable to such an arbitration proceeding. The award passed by the sole arbitrator shall be final and binding on both the parties. The Tenderer shall have no right whatsoever to challenge the award on the ground that the Managing Director has got an interest in the activities of the Corporation as a Managing Director.
- 21) The Contractor shall not assign sub-let or transfer the contract or any part thereof to any party. In the event of the Tender contravening this condition, the Corporation shall be entitled to purchase the goods from elsewhere on the Contractors account at his risk and the Contractor shall be liable for any loss or damage which the Corporation may sustain.
- 22) If the Tenderer is already a supplier in respect of stores & articles, he should submit with the tender a complete statement in the prescribed Performa (Appendix-B) to clearly indicate his progressive performance of last two years in respect of each order concluded.
- 23) The Tenderer/Contractor shall intimate the premises where the stores & articles to be supplied are manufactured/formulated/ fabricated to the Corporation and Inspecting Officers of the consignees or any other appropriate agency as may be appointed by the Corporation. The firms shall also provide all the necessary facilities to the Inspecting Officers to carry out the inspection work.
- 24) The Tenderer will compulsorily deposit Rs 80,000/- by D.D/Banker's check in favor of The Rajasthan Small Industries Corporation Ltd., Jaipur as Earnest Money. In the absence of Earnest Money, the tender shall not be considered by the Corporation. Successful Tenderers shall be required to pay security deposit lump sum Rs 80,000/- before executing the contract. The amount of EMD shall be adjusted in the security deposit amount
- 25) **FOREFITURE OF EARNEST MONEY:**  
The earnest money will be forfeited in the following cases:
  - (i) When tenderer withdraws or modifies or reduces the rates in the offer at his own after the opening of tender, but before acceptance of tender. Their offer shall be cancelled and the firm can be debarred for future business .
  - (ii) When tenderer does not execute the agreement after award of rate contract within the prescribed time.
- 26) **FOREFITURE OF SECURITY DEPOSIT:**  
Security amount in full or part may be forfeited in the following cases: -
  - (a) When any terms and conditions of the contract is breached.
  - (b) When the tenderer fails to make complete supply satisfactorily.

- (c) Notice of reasonable time will be given in case of forfeiture of security deposit. The decision of the Managing Director, RSIC in this regard shall be final.
27. **DEBARRING / SUSPENSION:**  
If a tenderer does not execute the agreement and fulfill other formalities or does not supply the material against supply order the tenderer is liable to be debarred / suspend from participating in re-tender and in future tenders.
- 28) The SSI unit(s) shall not be eligible for tender participation in case they are blacklisted and or debarred by Corporation/ user Govt. Department. The Tenderer will give declaration in this regard in Appendix 'A'.
- 29) Direct or indirect canvassing on the part of the Tenderer or his representatives will be a disqualification.
- 30) The Corporation reserves the right to accept any tender not necessarily the lowest, reject any /all tender without assigning any reason.
- 31) Legal proceedings, if any, arising out of this tender shall have to be lodged in courts situated at Jaipur City only in Rajasthan and not elsewhere.
- 32) I/We have carefully read and understood the above terms and conditions of the tender.

**SIGNATURE OF THE TENDERER WITH SEAL**

**SCHEDULE SHOWING SPECIFICATIONS OF STEEL SHELVING  
CABINETS**

(ALMIRAH LARGE)

(As per Drawing)

S.NO.	NAME OF ARTICLE WITH SPECIFICATIONS
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**1. Scope :**

Fabrication and supply of fixed shelving cabinets (Steel Almirah Large) with hinged doors without the provision of a locker and conforming to IS:3312-1984 (current)

**2. Materials :**

Welding : Electordes shall conform to IS:1278 and IS:814 and IS:4972, Mild steel sheets to IS:1079 or IS:513. M.B. rounds and flat to IS:1977 and slotted counter sunk head screws to IS:1365-1978.

**3. Dimensions & Tolerance :**

The overall dimensions of shelving cabinets shall be as given below :

Large	<u>Height</u>	<u>Width</u>	<u>Depth</u>	<u>Pedestal Height</u>
	1855mm	910mm	480mm	125mm

(Excluding height of Pedestal 125 mm)

\* APPROXIMATE WEIGHT : 64.4 Kg.

**4. Fabrication : SIDES :**

The sides shall be made from mild steel not less than 0.8mm thick and without burrs or dents. The width of the side sheets shall correspond to the depth of the top and bottom. The sides shall extend between the extreme surfaces of top and bottom shelves.

\* The actual wt. will be determined by the inspection at the time of approval of sample(s).



The overall dimensions specified above shall not vary by more than  $\pm 5$  mm.

5. **Backs:**

These shall be made from mild steel sheet not less than 0.8 mm thick and without burrs or dents. The width of the back sheet shall correspond to the width of the top. The back shall extend between the extreme surface of top and bottom shelves.

6. **Top & Bottom :**

The length of the top and bottom shall cover the width of the cabinet and the breadth shall cover the depth of cabinet. These shall be made from mild steel sheet not less than 0.8 mm thick without any dents and burrs.

7. **Fixed Shelves :**

The shelves shall be made from mild steel sheet not less than 0.8 mm thick, shelves shall have lipped flanges 2.5 mm in width and 1.5 mm in depth on front side each shelf shall be fixed to the sides and back either by tack welding or by rivets. The shelves shall be three in number making four compartments.

**Door**

The right door shall be formed out of mild steel not less than 0.8 mm thick having metal stiffeners suitably welded to stiffen the door. The centre to centre distance between the two adjacent welding spots or rivets shall not exceed 200 mm. The door shall be hinged to the right side of the cabinet and shall have hole for the handle and a key slot for the key of the lock. The



clearance around the door between the door flanges and side, top and bottom flanges shall not be more than 1.25 mm. The left door shall be similarly constructed and hinges to the left of the cabinet. The door shall have a rebate on the free end over which the right door shall overlap the clearance between the two doors when closed and around the left door shall not be more than 1.25 mm.

#### **Pedestal**

This shall be made from mild steel sheet not less than 0.8 mm thick and shall be properly stiffened, the pedestal shall not project out of the cabinet and shall be  $125 \pm 5$  mm in height.

#### **Hinges.**

The hinges shall be either plain but type made from mild steel sheet not less than 1.6 mm or double folded type fabricated from mild steel sheet not less than 1.25 mm thick. The hinges shall be secured to the mild steel hinge brackets not less than 2.5 mm thick on one side and shall be secured to the door on the other side of the fulcrum. The number of hinges per door leaf shall be not less than three for large size.

#### **Locks.**

The lock shall not be less than six lever lock with duplicate keys of non-corrosive material. For the locking arrangement, there shall be a three way bolting device controlled by a lock and operated by brass or zinc base alloy handle. Various components shall be assembled by means of bolting or welding.

#### **Loading**

The maximum static loads uniformly distributed and applied on the shelves may not exceed those given below:

<u>Width in mm</u>	<u>Depth in mm</u>	<u>Load in Kg.</u>
910	480	150

#### Finish.

All dents, burrs and sharp edges shall be removed from the various components and they shall be individually pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the surface requiring filling and shall conform to IS:110-1968. Immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class 'C' of IS:3618-1966. The process for application of phosphate coating shall be in accordance with IS:6005-1970. Coat/coats of enamel paint shall than be applied as follows :

- (a) Finish coat with enamels conforming to IS : 151-1950, IS:2932-1974 or IS:2933-1975 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull point instrument.

#### Packing.

All the components should be packed in such a way that no damage is caused to them during the transit.

#### Marking

All steel shelving cabinets should be marked with a suitable mark identifying the manufacturer who shall issue warranty card regarding the product.

<p>ALL DIMS ARE IN MM</p> <p>Ref IS: 3312 - 1984</p> <p>SHEET 08 mm thick</p>		<p>W.O. No. 97 /</p>	
		<p>Drq No.</p>	
		<p>DRG. OF LARGE FIXED STEEL SHELVING CABINET</p>	
<p>SISI, JAIPUR</p>		<p>Drn. Rakesh Bagga</p>	<p>Appd.</p>
<p>Chkd</p>		<p>Date</p>	<p>Scale N.T.S.</p>

SCHEDULE SHOWING SPECIFICATIONS OF STEEL SHELVING  
CABINETS

(ALMIRAH SMALL)

(As per Drawing)

S.NO.	NAME OF ARTICLE WITH SPECIFICATIONS
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1. Scope :

Fabrication and supply of fixed shelving cabinets (Steel Almirah Small) with hinged doors without the provision of a locker and conforming to IS:3312-1984 (current)

2. Materials :

Welding : Electordes shall conform to IS:1278 and IS:814 and IS:4972, Mild steel sheets to IS:1079 or IS:513. M.S. rounds and flat to IS:1977 and slotted counter sunk head screws to IS:1363.

3. Dimensions & Tolerance :

The overall dimensions of shelving cabinets shall be as given below :

<u>Height</u>	<u>Width</u>	<u>Depth</u>	<u>Pedestal Height</u>
1155mm	760mm	430mm	125mm

(Excluding Pedestal height 125 mm)

The overall dimensions specified above shall not vary by more than  $\pm 5$ mm.

APPROXIMATE WEIGHT : 38 Kg.\*

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The actual weight will be determined by the inspection agency at the time of approval of sample(s).

4. Fabrication : SIDES :

The sides shall be made from mild steel not less than 0.8mm thick and without burrs or dents. The width of the side sheets shall correspond to the depth of the top and bottom. The sides shall extend between the extreme surfaces of top and bottom shelves.

5. Backs:

These shall be made from mild steel sheet not less than 0.8 mm thick and without burrs or dents. The width of the back sheet shall correspond to the width of the top. The back shall extend between the extreme surface of top and bottom shelves.

6. Top & Bottom :

The length of the top and bottom shall cover the width of the cabinet and the breadth shall cover the depth of cabinet. These shall be made from mild steel sheet not less than 0.8 mm thick without any dents and burrs.

7. Fixed Shelves :

The shelves shall be made from mild steel sheet not less than 0.8 mm thick, shelves shall have lipped flanges 2.5 mm in width and 1.5 mm in depth on front side each shelf shall be fixed to the sides and back either by tack welding or by rivets. The shelves shall be three in number making four compartments.

Door

The right door shall be formed out of mild steel not less than 0.8 mm thick having metal stiffeners suitably welded to stiffen the door. The centre to centre distance between the two adjacent welding spots or rivets shall not exceed 200 mm. The door shall be hinged

to the right side of the cabinet and shall have hole for the handle and a key slot for the key of the lock. The clearance around the door between the door flanges and side, top and bottom flanges shall not be more than 1.25 mm. The left door shall be similarly constructed and hinges to the left of the cabinet. The door shall have a rebate on the free end over which the right door shall overlap the clearnace between the two doors when closed and around the left door shall not be more than 1.25 mm.

#### **Pedestal**

This shall be made from mild steel sheet not less than 0.8 mm thick and shall be properly stiffened, the pedestal shall not project out of the cabinet and shall be 125mm in height.

#### **Hinges.**

The hinges shall be either plain but type made from mild steel sheet not less than 1.6 mm or double folded type fabricated from mild steel sheet not less than 1.25 mm thick. The hinges shall be secured to the mild steel hinge brackets not less than 2.5 mm thick on one side and shall be secured to the door on the other side of the fulcrum. The number of hinges per door leaf shall be not less than two for small size.

#### **Locks.**

The lock shall not be less than six lever lock with duplicate keys of non-corrosive material. For the locking arrangement, there shall be a three way bolting device controlled by a lock and operated by brass or zinc base alloy handle. Various components shall be assembled by means of bolting or welding.



### Loading

The maximum static loads uniformly distributed and applied on the shelves may not exceed those given below:

<u>Width in mm</u>	<u>Depth in mm</u>	<u>Load in Kg.</u>
760	430	185

### Finish.

All dents, burrs and sharp edges shall be removed from the various components and they shall be individually pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961. Immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class 'C' of IS:3618-1966. The process for application of phosphate coating shall be in accordance with IS:6005-1970. Coat/coats of enamel paint shall than be applied as follows

- (a) Finish coat with enamels conforming to IS : 151-1950, IS:2932-1974 or IS:2933-1975 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull point instrument.

### Packing

All the components should be packed in such a way that no damage is caused to them during the transit.

<p>ALL DIMENSIONS ARE IN MM</p> <p>Ref. IS: 3312-1984</p> <p>SHEET 0.8 mm thick</p>		<p>W.O. No. 97/</p> <p>Org. No. SISIJ/ /97-98</p>	
		<p>DRG. OF SMALL STEEL FIXED SHELVING CABINET</p>	
<p>Drn</p> <p>Chkd.</p>	<p>Appd</p> <p>Scale - N.T.S.</p>	<p>Title</p>	
<p>SISI, JAIPUR</p>			



SCHEDULE SHOWING SPECIFICATIONS OF  
STEEL ALMIRAH (PATWARI)

(As per drawing)

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S.NO.	NAME OF ARTICLE WITH SPECIFICATIONS
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1.      **Fabrication & Supply of Steel Almirah (Patwari)**

914mm H X 762mm Wx432mm D (36"Hx30"Wx17"D)  
(outside) including 100mm legs double doors with  
screwed hinges and with 2 shelves making 3  
compartments (the central of which would be a  
locker) The whole of almirah should be of 1.25mm  
sheet except back which may be of 1mm. There should  
be a bolt in locker in the middle shelf of which  
except the almirah all sides of the locker having  
each both sides, top and bottom will have steel  
lining of 1.1/1.2mm. The system of locking of the  
front doors would be single lock with two bolts and  
front door will be of 2mm. The locker shall be  
provided with the double controlled lock and shall  
confirmed to IS-729-1969. The fabrication and  
finish of the Almirah shall generally conform to  
provision of IS:3312 (current). Outside locking  
shall be single three way locking device with  
double keys.

(2)      **Tolerance :**

A tolerance of  $\pm 5$ mm will be allowed in overall  
dimension of the almirah.

\* Approximate weight 56.5 Kgs.

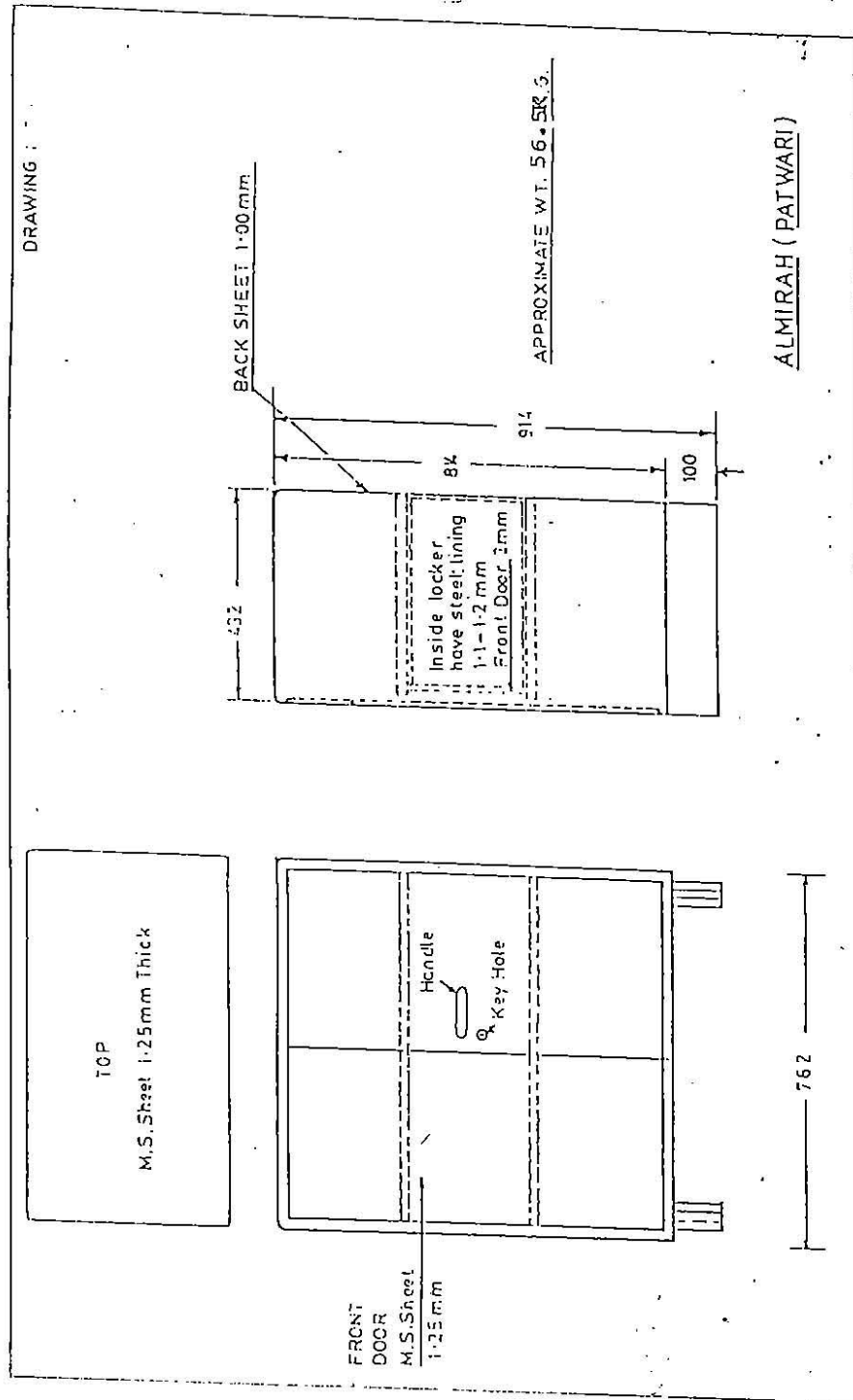
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\* The actual wt. will be determined by the inspection at  
the time of approval of sample(s).

(3) Finish :

All dents, burns and sharp edges shall be removed from the various components and they shall be individually picked scrubbed and rinsed to remove grease, rust, scale or any other foreign matter. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961 immediately after pickling all the mild steel parts shall be given phosphating treatment conforming to class 'C' of IS:3618-1966. The process for application of Phosphate coating shall be in accordance with IS:6005-1970. Coat/coats of enamel paint shall than be applied as follows :

- (a) Finish coat with enamels confirming to IS:151-1950, IS:2937-1974, IS:2933-1975 and
- (b) In case of stoving enamel the components shall thereafter be backed at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniformly with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull painted instrument.



SCHEDULE SHOWING SPECIFICATIONS OF STEEL

BOOK CASES

S.No.	Name of article with specifications
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1. Scope:- This standard IS: 7761-1975 covers the requirements for materials, size, construction and finish of steel book cases.

2. Materials:-

Electrodes- The welding electrodes for gas, arc and spot welding shall conform to IS: 1278-1972, IS:814 (part II) and IS: 4972-1968 respectively.

Mild Steel Rounds and Flats- Mild steel rounds and flats shall conform to IS:1732-1971 and 1731-1971 respectively.

Mild Steel Sheets - Mild steel sheets shall conform to IS:513-1973 or IS:1079-1973.

Screw - Screws shall conform to IS:1365-1968.

3. Dimensions and Tolerances:- The overall dimensions of steel book cases shall be as follows:-

Height	1675 mm
Width	840 mm
Depth	305 mm

Approximate weight- 58.77

Tolerances- The overall dimensions specified above shall not vary by more than  $\pm 5$  mm.

4. Fabrication:- Components - Steel cases shall be assembled from the following components:-

Sides - The sides shall be made from steel sheet not less than 1 mm thick and without any burrs or dents. The width of the side shall correspond to the depth of the cabinets. The sides shall extend between the extreme surface of the top and bottom.

Back - The back shall be made from steel sheet less than 1 mm thick and without any burrs or dents. The width of the back sheet shall correspond to the width of the cabinet. The back shall extend between the extreme surfaces of top and bottom.

Tops- This shall be made from steel sheet not less than 1 mm thick. The length of top shall cover the width of cabinet and breadth shall cover the depth of the cabinet. The front of the top shall have round lipped flanges.

**Bottom-** This shall be made from steel sheet not less than 1 mm thick. The length of bottom shall cover the width of cabinet and breadth shall cover the depth of the cabinet.

**Fixed Shelves -** The shelves shall be made from steel sheet not less than 1 mm thick. The shelves shall have lipped flanges 30mm in width and 15mm in depth. Each shelf shall be welded to the sides and back by tack welding.

**Sliding Glass Shutter -** The shutter frame shall be made from mild steel sheets not less than 1.25 mm thick and the width of border frame shall be not more than 65 mm. Each shutter shall swivel along its axis when opened and shall slide in suitable guides, at the top for keeping the compartment open.

**Lock -** The lock shall conform to IS:729-1969. The lock shall not be less than six-lever lock with duplicate keys of non-corrosive material.

**Non-interchangeability-** No lock shall be opened by any other than its own specific key. For this purpose, there shall not be same lever combination for any two locks. A given combination of levers of lock once used, shall

not be used again unless the thickness of levers and their numbers of radius of sweep of steps or the increment in steps is altered.

**Handles-** The handles shall be made from cast brass conforming to IS: 292-1961 or zinc base alloy casting conforming to IS: 742-1966.

**Glasses-** Four plain transparent glass sheets, not less than 4 mm thick shall be fitted on each book case with shutter frame packing screwed at the back side border of glass. The glass sheet shall conform to IS: 1761-1960.

5. **Assembly-**The various components shall be assembled by means of welding or bolting. The sides and back shall be jointed in such a manner which would provide reasonable protection against dust and insect from entering the book cases. The method for gas, arc and spot welding shall conform to IS:1323-1966, IS: 816-1967 and IS:819-1957.

6. **Finish:- Sheet Metal Component-** (a) All dents, burrs and sharp edges, shall be removed from the various components and they shall be pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign element.

(b) After pickling, all the mild steel parts shall be given phosphating treatment in accordance with IS:3618-1966, following by a coat of suitable primer, such as red oxide.

NOTE- Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961. Aluminum primer shall conform to IS:2931-1964.

Two coats of enamel paint shall than be applied as follows:-

(a) Undercoat conforming to IS:149-1950, IS:2931-1975 or IS:2933-1975.

(b) Finish coat with enamels conforming to IS: 151-1950, IS-2932-1975 or IS:2933-1975.

(c) IN the case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with a hard and tough film of enamel strongly adhering to the surface. The finish shall be free from all the visible defects and shall not chip when tapped lightly with a dull pointed instrument.



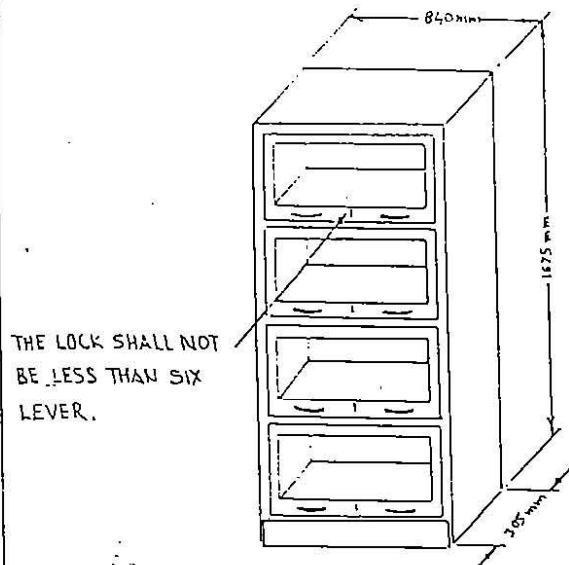
All other components shall be finished in colour as agreed to between the purchaser and the manufacturer.

7. Packing:-All the components parts shall be packed in such a way that no damages is caused to them during transit.

8. Marking:-All the book cases shall be marked with suitable mark identifying the manufacture. Marking on key shall bear the maker's name and identification number, which shall be same as the numbers of the key steps. Marking on lock shall have the identification number as that of the keys.

IS: 77C1- 1975

DRAWING



THE LOCK SHALL NOT  
BE LESS THAN SIX  
LEVER.

STEEL BOOK CASE

MATERIAL: S13- 1973

MILD STEEL SHEET 1079-1973

MILD STEEL SHEET- 1MM  
(THICK)

OVERALL DIMENSIONS SPECIFIED  
SHALL NOT VARY BY MORE THAN  
( $\pm 5$  mm.)

STEEL BOOK CASE

SCHEDULE SHOWING THE SPECIFICATIONS OF STEEL LIBRARY SHELVES

S.No.	Specification	As per Drawing
<u>LIBRARY SHELVES :-</u>		
Steel shelving Racks adjustable	6 Shelves	
type specification :-	7 Shelves	
	8 Shelves	
	9 Shelves	

Adjustable metal shelving racks conforming to IS: 1883-1983 and of the following types, dimensions, material and construction.

1. Material:- Mild steel sheets shall conform to IS:1079/1973 (Current). The angle post shall conform to IS:226/1975 or IS:808/1964 or IS:4030/1973 (Current). The bolts used for assembling shall be M-6 (6mm dia meter) and the thickness of the square nut shall be 6mm.
2. TYPE:- The racks shall be open type with strip.
3. Dimensions sizes:- These shall be as shown below :-

	<u>Approximate Weight*</u>
(a) 1875 mm H x 900 mm W x 400 mm D of six shelves	36.100 Kg.
(b) 1875 mm H x 900 mm W x 400 mm D of Seven shelves	39.850 Kg.
(c) 2400 mm H x 900 mm W x 400 mm D of Eight shelves	47.200 Kg.
(d) 2400 mm H x 900 mm W x 400 mm D of Nine shelves	51.135 Kg.

The overall dimensions specified above shall not vary by more than  $\pm 5$  mm.

4. Construction:- The angle posts shall be rolled angles of size 40x40x3 mm These shall have 8 mm diameter holes provided at 50mm centres. The holes shall start at 12.5 mm centres from each end. The metal shelves (Library Shelves) shall be made from mild steel sheet of not less than 1

\*. The actual weight will be determined by inspection agency at the time of approval of Sample(s)

S.No. Specification

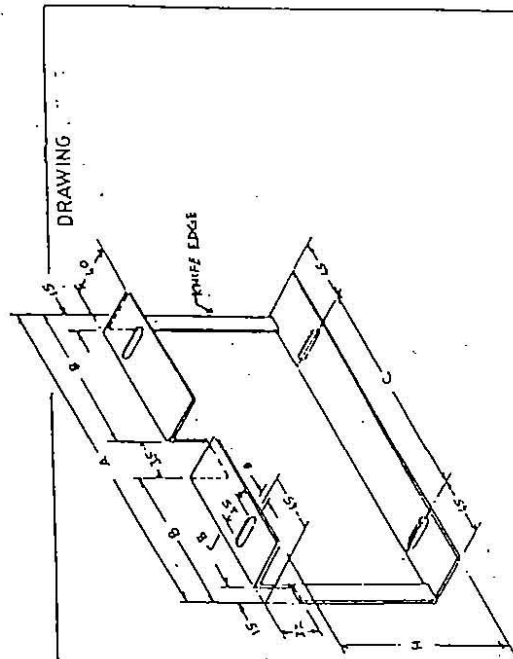
As per Drawing

mm in thickness as per clause 5-3-1 of IS: 1883. The gussets, minimum 8 in number shall be of 1 mm (Minimum) thick sheets and shall not be less than 75 mm long at each end. For open type racks, strips be provided on the sides and back to prevent materials from toppling over and these shall be made from sheets not less than 1 mm thick and 75 mm in height metal shelves shall be made from mild steel sheets not less than 1.0 mm in thickness.

Finish :- The rack shall be neatly finished and all dents burrs and sharp edges removed. The finish shall be as per clause '7' of IS: 1883-1903.

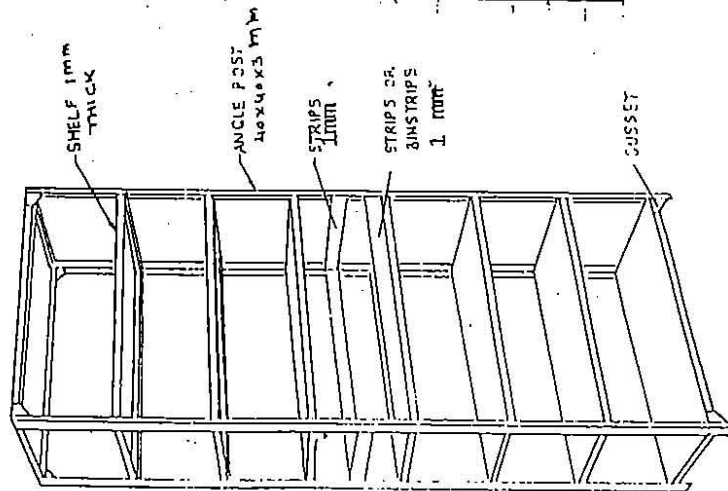
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75/



HEIGHT	WIDTH	DEPTH	WEIGHT APPR.	TYPE
1875	900	400	36.10 K.G.	6 - SHELVES
1875	900	400	39.85 K.G.	7 - "
2400	900	400	47.20 K.G.	8 - "
2400	900	400	51.135 K.G.	9 - "

METAL SHELVING RACK FOR LIBRARY/OFFICE  
(ADJUSTABLE TYPE)



THE DIMENSION SPECIFIED SHALL VARY BY  
MORE THAN  $\pm 5$  mm.

**SCHEDULE SHOWING SPECIFICATIONS FOR TABULAR STEEL TABLE  
FOR OFFICE PURPOSE**

(Prelaminated Board Top 25mm thick ISI Marked)  
(as per drawing)

S.No. Name of Article with specifications

- 1      **Scope:**  
Fabrication & supply of office type tables conforming to IS 3498/1975  
and of the following dimension:

	With Prelaminated particle Board Top	*Approximate weight (excluding top)
i)	1220mm Long x 710mm Wide x 760mm High	22.86 Kgs.
ii)	1370mm Long x 760mm Wide x 760mm High	34.85 Kgs.
iii)	1500mm Long x 900mm Wide x 760mm High	34.85 Kgs.

Internal dimensions of each drawer:-

500mm Long x 300mm Wide x 100mm High

A tolerance of +/- 5mm will be allowed in overall dimensions of the table.

2.      **Material**  
Mild steel sheets to IS: 513 screws IS: 1365 mild steel tubes to IS:  
7138 and wood suitable for furniture as per IS: 399. Rounds and flats  
shall conform to grade Fe. 310.0 ( see 32-0) of IS 1977, 1975 and  
section shall conform to IS: 1730:1989 and IS: 1732:1989

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The actual weight will be determined by Inspection Agency at the time of  
inspection.

The table should be provided with table top made out of 25mm thick prelaminated particle board ISI marked only.

**Drawer Box :**

It shall be made from CRCA steel sheet not less than 0.8mm thick and shall be tack welded. This shall be an enclosed box from all side properly stiffened with lipped flanges in the front and drawer supports tack welded to it.

**Drawers :**

These shall be made from metal CRCA sheet not less than 0.63mm thick and shall have slot and stopper strip of metal sheet at the rear holding the drawer in the box when it is fully opened and shall be provided with proper handles.

**Top :**

The top shall be fitted as per details given in the drawing and as per standard manufacturing practice. The requirements of purchaser shall be complied with by the supplier without any reservations.

**Pull-out Side :**

This is a slide with forward action. the pull out slide shall be made from metal CRCA sheet not less than 1mm thick and shall have lipped flanges in the front and sides.

#### Locker Body :

The locker body shall be made from metal CRCA sheet not less than 0.8mm thick and shall be of the same size as the drawer box. This shall be bent to box shape from one piece and tack welded at the final over lapped corner or assembled with a maximum of two pieces welded depending on the design. Lipped flanges shall be provided in the front and the back portion shall be bent inside to seat. The back shall be push fit and tack welded in the locker body.

#### Locker Door :

The locker door shall be made from metal sheet not less than 1mm thick if a single wall is used or 0.63 mm thick if a double wall is used and have lipped flanges all round its sides. This shall be properly hinged and shall have key slot in the front and shall be provided with proper handles.

#### Locker Shelf:

The locker shelf shall be made from metal sheet not less than 1mm thick and shall have lipped flanges on all the sides. The shelf shall have the width to cover inside width of the locker box and length to cover the inside depth of locker box. The shelf shall be seated on the supports tack welded to the box depthwise and shall be suitably located.

#### Locking Mechanism :

There shall be a suitable locking mechanism at the back or side of the drawers which shall so operate that all the drawers shall be locked firmly when the top drawer



is closed or each drawer shall be fitted with the separate lock so as to have the individual locking arrangement. The locks shall not be less than six lever lock with duplicate keys of non-corrosive material and shall conform to IS:729-1969.

#### Drawer Guides:

The drawer shall have either ball bearing type guides or simple sheet angle guides so that the drawer shall move easily. the guide angle shall be made from metal sheet not less than 1mm thick.

#### Tubular Frame:

The frame shall be made from mild steel tubular pipe (ERW) with a wall thickness of not less than 1.60mm and outside diameter as 25mm. this shall be in 1 piece or may be jointed at one place by inserting a piece of tubular pipe in the joint with other diameter equal to the inside diameter of the tubular pipe; then the joint shall be secured. At every change of direction, the tube shall be curved to the minimum radius possible without causing any cracks, unevenness or other defects in the bend suitability test should also be provided. the components shall be assembled by means of bolting or welding. The larger table shall have three drawer box in the right and locker with shelf on the left pedestal. the smaller table shall have only one drawer box in the right pedestal.

#### Foot Rest & Handles :

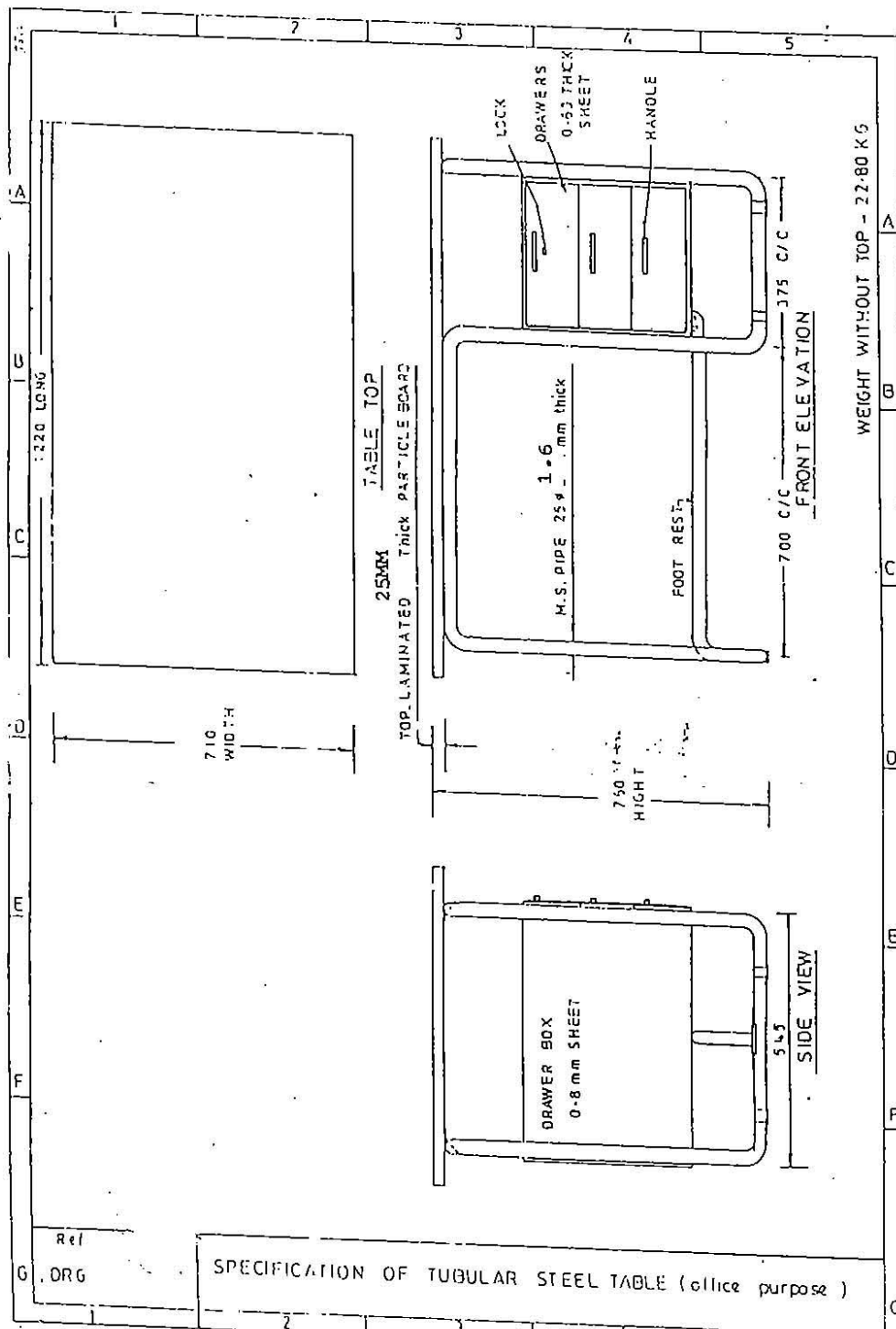
Foot rest shall be minimum of 1.6mm thick metal sheet or tubular pipe of 1.25mm wall thickness & 25mm outside

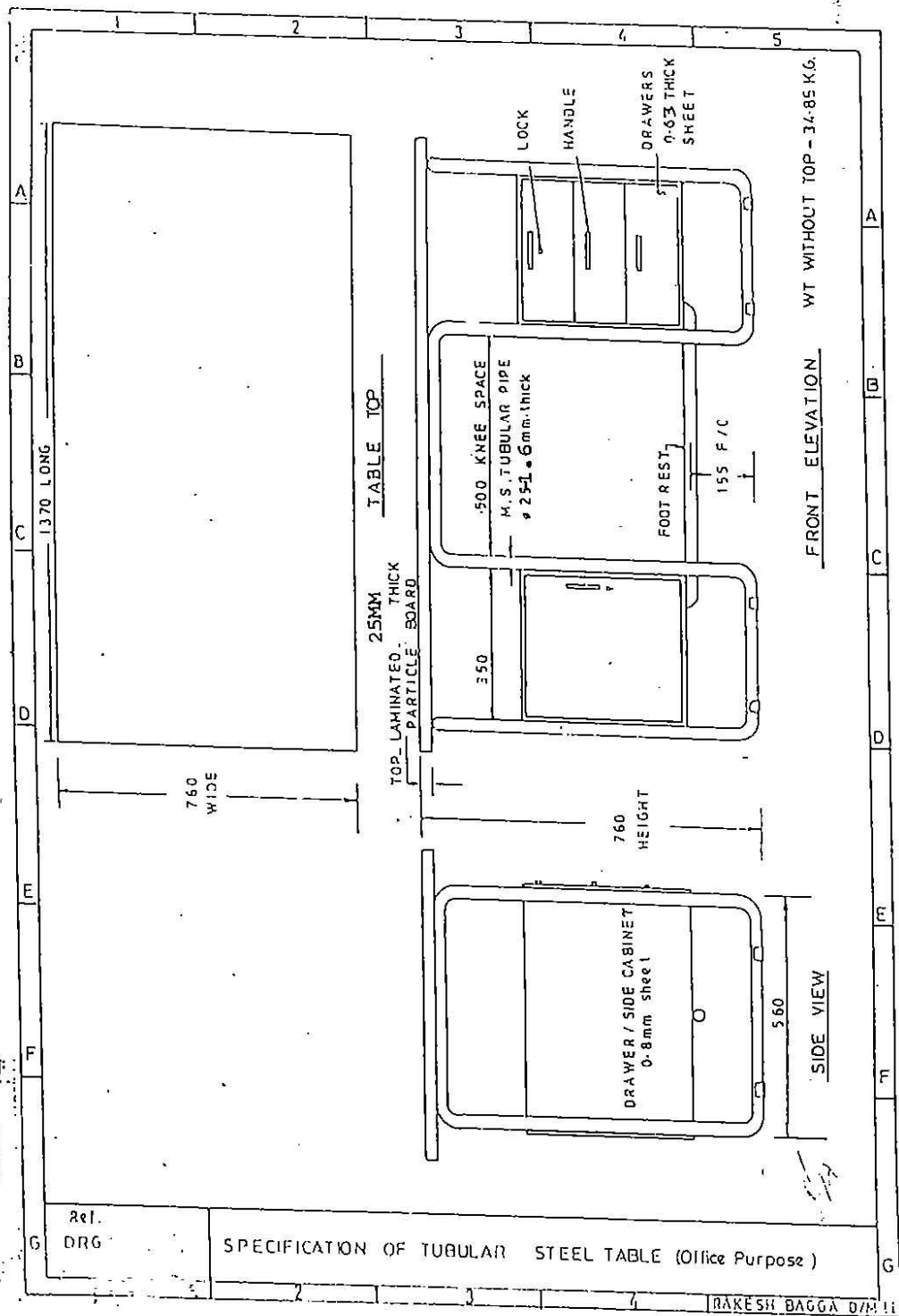
dia. Each drawer shall be fitted with a corrosion resistance metal handle which shall be fixed to the front of the drawer or build-in pull.

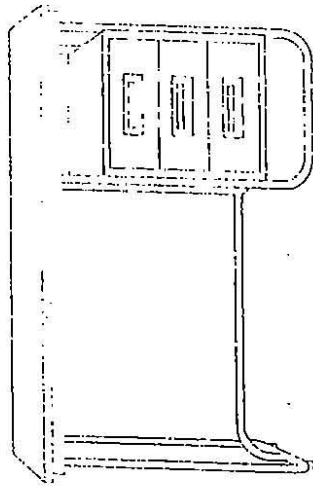
#### Finish :

All dents, burrs and sharp edges shall be removed from the various components and they shall be individually pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961. Immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class 'C' of IS:3618-1966. The process for application of phosphate coating shall be in accordance with IS:6005-1970. Coat/coats of enamel paint shall than be applied as follows:

- (a) Finish coat with enamels conforming to IS:151-1950, IS:2937-1974, or IS:2933-1973 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified teperature in an oven heated uniformly. the finish shall be smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull point instrument.



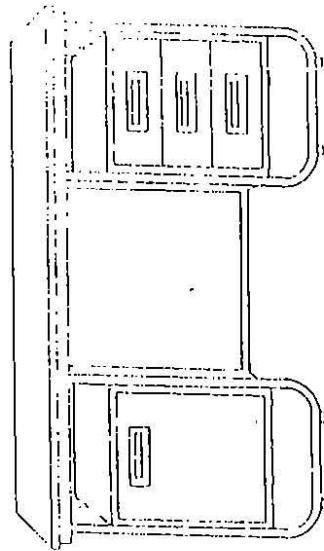




SIZE OF TABLE TOP 1220 X 710 mm  
HEIGHT : 760 mm

OFFICE TABLE SMALL

OFFICE TABLES



SIZE OF TABLE TOP 1500 X 900 mm  
HEIGHT : 760 mm

OFFICE TABLE LARGE

QV1E/VA

SCHEDULE SHOWING SPECIFICATION OF STEEL TABLE FOR  
SCHOOLS

(As per Drawing)

S.NO.	SPECIFICATION
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1. Top shall be made from C.R.C.A. sheet not less than 1.25mm thick.
2. Tubular frame shall be made from M.B. sheet tubular pipe of 25mm dia (ERW) and wall thickness not less than 1.6mm. The ends of the legs shall be provided with suitable rubber pads or other resistant material which will not mar floor and is resistant to sliding.

3. Top tubular frame shall be made of 800x525mm and the top of M.S. sheet shall be wrapped around the pipes uniformly.

4. A stiffener of 50mmx20mm made of 1.25mm sheet shall be provided in the centre of the Top Breadth-wise.

5. The table shall be of overall dimensions as under :

Height 760mm (4 Legs)

Top 800 x 525mm

A tolerance of  $\pm 5$ mm shall be allowed in overall dimensions Approximate Weight :- 12.5 Kg.\*

6. All welding joints shall be strong and uniform on all sides.

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\* The actual weight will be determined by inspection agency at the time of approval of Sample(s).

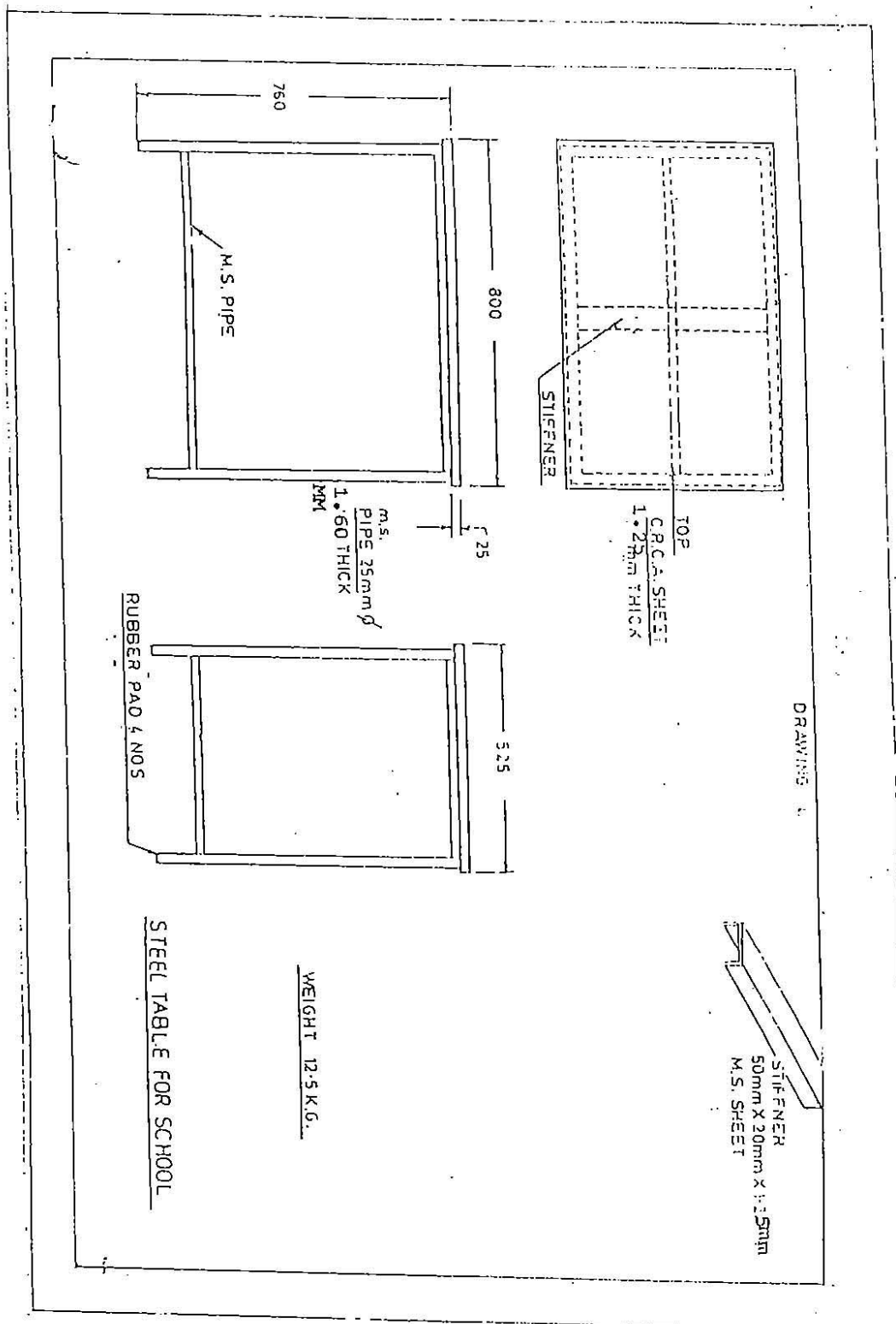
7. Finish :

All dents, burrs and sharp edges shall be removed from the various components and they shall be individually pickled scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961. Immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class 'C' of IS:3618-1966. The process for application of phosphate coating shall be in accordance with IS:6005-1970. coat/coats of enamel paint shall than be applied as follows :

(a) Finish coat with enamel conforming to IS:151-1950, IS:2937-1974, or IS:2933-1975 and

(b) In case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull pint instrument.







SCHEDULING SHOWING SPECIFICATIONS OF STEEL  
STUDENT TABLE

S.NO.	NAME OF ARTICLE WITH SPECIFICATIONS
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1. Scope :

Fabrication and supply of steel table of size :

Length 600mm x Breadth 450mm x Height 750mm. A tolerance of  $\pm 5$ mm shall be allowed in over all dimensions.

2. Material:

Top shall be made of C.R.C.A. sheets conforming to IS:513-1973 and tubular frame of furniture grade steel tube conforming to IS:7138-1973.(ERW)

3. Construction:

Top shall be made of C.R. sheets not less than 1mm thick having lipped flangs of 25mm x 20mm in all the 4 sides.

Tubular frame:

Two identical tubular frame constituting 4 legs of 18.75mm outside diameter and a wall thickness of 1.6mm shall be provided. The frame shall be welded with the top. A suitable foot rest M.S. pipe shall be provided at the bottom of the frame by means of 'H' formation having wall thickness of 1.6mm and outside diameter 25mm. Suitable Rubber pads of resistant material shall be provided in all the 4 legs so as to avoid floor marring and slidings.

Top shall be supported by tubular frame welded on the upper edge of the legs.

4. Finish :

All welding joints shall be strong and uniform. All dents burrs and sharp edges shall be removed from the various parts two-coats of enamel paints conforming to IS:2937-1974 or IS:2933-1975 shall be provide. The finish shall be free from all visible defects and shall non-chip when tapped lightly with a dull pointed instrument.

SCHEDULE SHOWING SPECIFICATIONS OF STEEL SIDE RACKS

S.No.	Specification	As per Drawing
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STEEL SIDE RACKS:

H.710 mm x W.900 mm x D. 375 mm size

1. **Metal** : Side racks (Adjustable types conforming to IS:3761 - 1983 (current) and of the following types dimensions materials and construction.
2. **Material**: Mild steel sheets shall conform to IS:1079 / 1973 (Current) or IS: 513-1973. The angle post shall conform to IS:226 / 1975 (current) or IS:808/1964 or IS:4030/1973 (current). The bolts used for assembling shall be M6 (6mm in diameter) and the thickness of the square nut shall be 6mm.
3. **Types**: The racks shall be open type with three shelves, the top shelf shall be flush with the top of the angle posts and bottom shelf shall be fixed at the second hold from bottom.
4. **Tolerance**: The tolerance over the overall dimensions given above shall be  $\pm 5$ mm.
5. **Construction**: The angle posts shall be rolled angle of size 40x40x3 mm. The metal shelves shall be made from mild steel sheets of not less than 1 mm in thickness and as per clause 4.3 of IS:3761, the gussets, minimum 8 in number shall be 1 mm (minimum) thick sheets and shall not be less than 75 mm long at each end.

S.No. Specification

As per Drawing

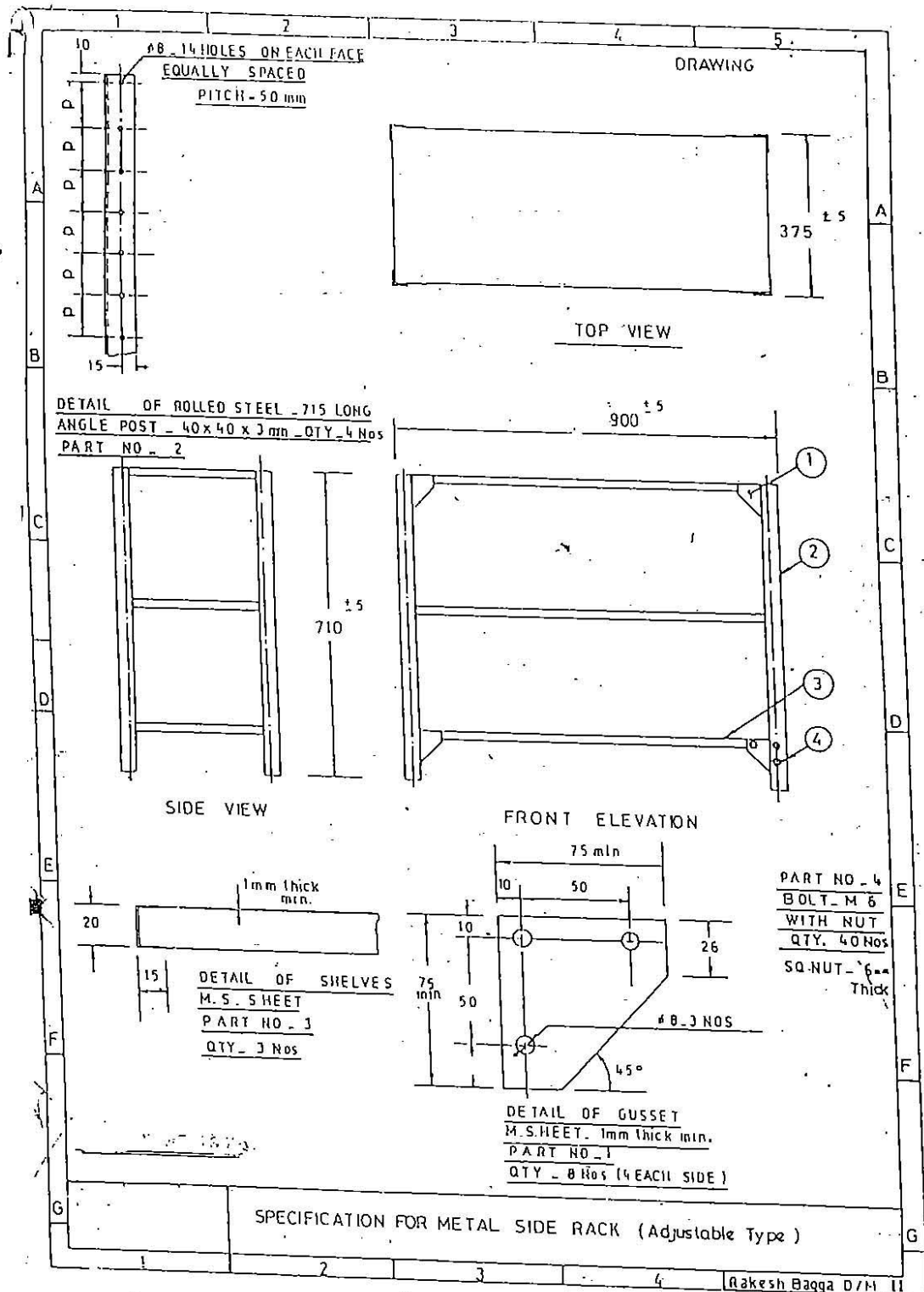
Approximate Weight: 16 Kg.\*

1. Finish : All dents, burns and sharp edges shall be removed from the various components and they shall be individually pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign elements. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961 immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class 'C' to IS: 3618-1966. The process for application of phosphate coating shall be in accordance with IS: 6005-1970. Coat/ Coats of enamel paint shall then be applied as follows:-

- (a) Finish coat with enamels conforming to IS:151-1950, IS: 2937-1974, IS-2933-1975 and
- (b) The finish shall be smooth, uniformly applied and free from visible defects. It shall not readily chip or flake.

\* The actual weight will be determined by inspection agency at the time of approval of Sample(s)

(SIGNATURE OF TENDERER)



**SCHEDULE SHOWING SPECIFICATIONS FOR STEEL TUBULAR CHAIRS**

S.No.	Specification	As per Drawing
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1. **Scope:** Fabrication & Supply of Office Type. Tubular Chairs conforming to IS: 3663-1991 & IS:3499 (Part-2) 1985.
  
2. **Material:** The MS sheet shall conform to IS:513-1973 or 1079-1973 Electrodes for welding to IS:1278 and IS:814-1974 and IS: 4972-1968. French polish to IS:348-1968 mild steel to ARM Quality of IS: 1161-1974 screws to IS-136 and wood for sheet, back rest, arm rest should be made from well seasoned teak wood of uniform grains available for furniture as per IS designation Hy-20 WP of IS-1285-1975
  
3. **Type:** The chair will be classified as under (Chairs with or without arms)  
  
(B) Chairs with different types of seats and backs.
  
4. **Size/Dimensions:** These shall be as shown below with a tolerance of  $\pm 5\text{mm}$  (All dimensions in mm) exact otherwise provided in the contract.

S.No. Description	Overall Height	Width of Seat	Height of seat from floor	Height of back rest	Width of back rest	Height of arm rest	Seatslope between	Slope back rest	Approximate weight excluding wooden seat back & arm.
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i) Chairs with over hanging arms and plastics canned seat teak wood frames.

450	430	450	200	2° to 3°	Angle between	6 Kg.
			vertical plain downward form back to front.			
			or back rest & the horizontal plane of the seat shall be 95° to 105°			

ii) -do- but without arms. 900mm

5 Kg.

iii) -do- but with continuous arm rests. 900mm

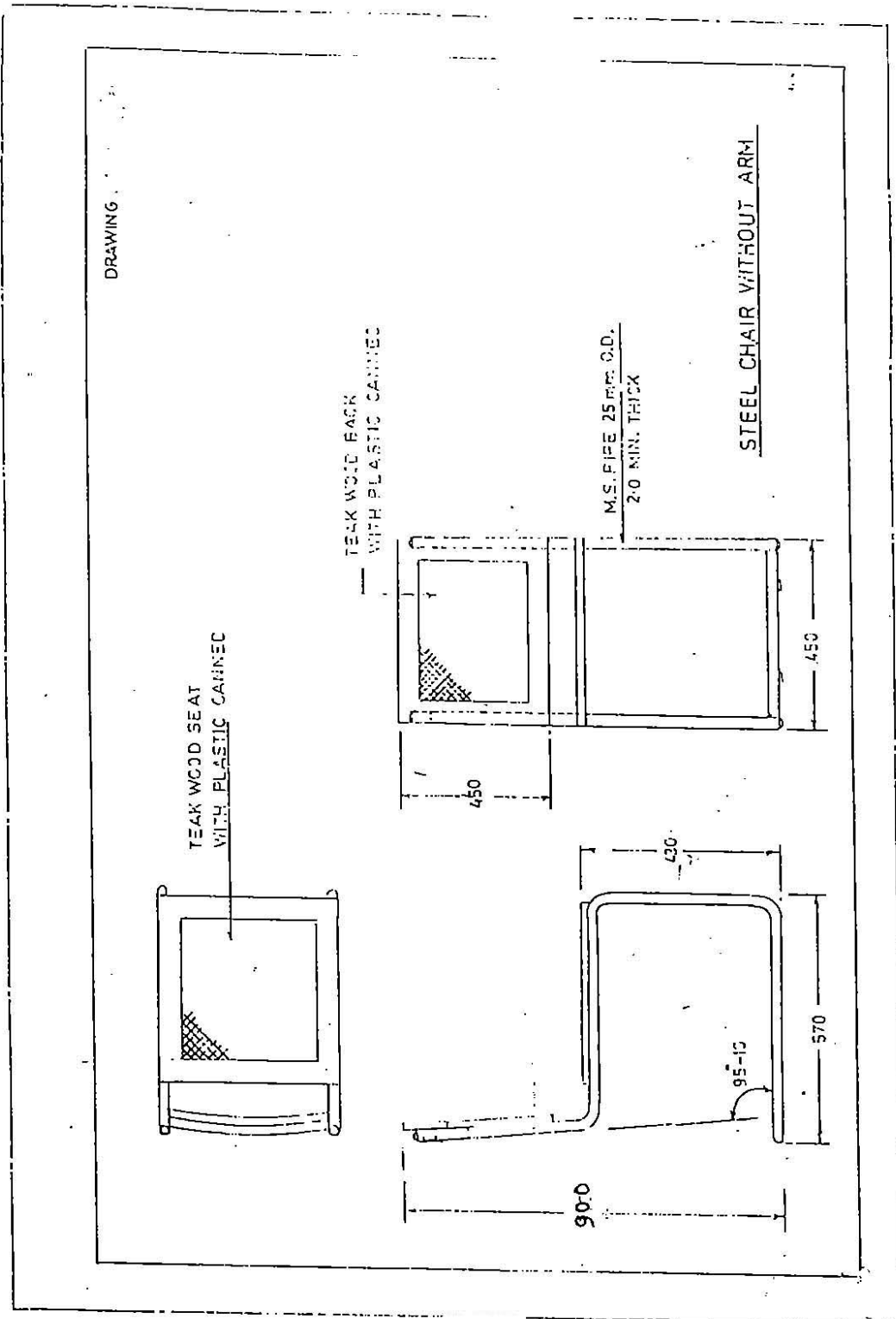
7 Kg.

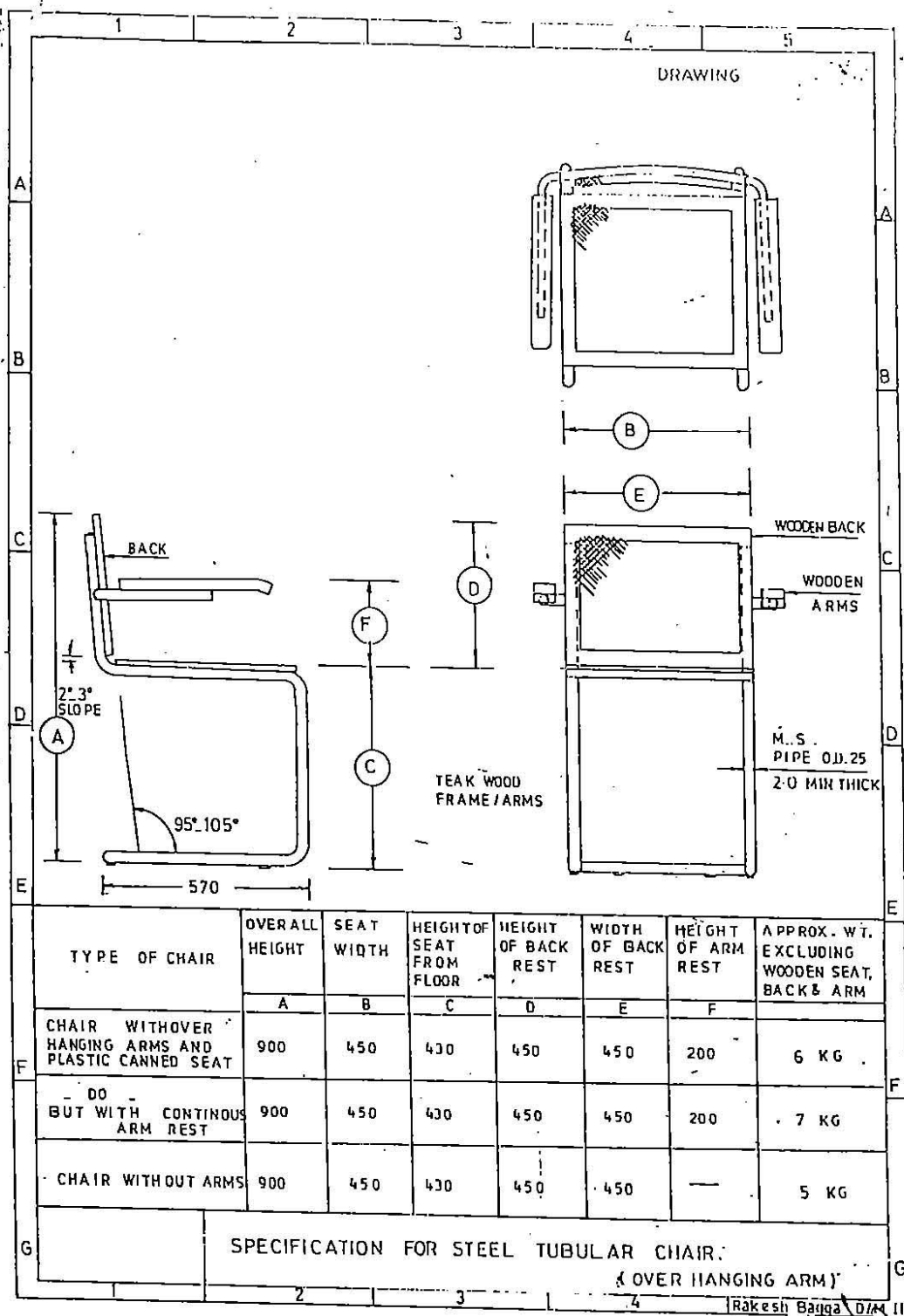
5. Fabricator, Tubular Frame : The frame shall be made from mild steel tubular pipe (ERW) with thickness of not less than 2.00 mm and 25mm outside diameter. This shall be in one piece of may be jointed at one place by insertion of piece of tubular pipe in the joint with out or diameter equal to the inside diameter of tubular frame, then the joint shall be secured. At every change of direction of the tube shall be curved to the minimum radius possible without causing any cracks unevenness of others defects in the bend. The seat and the back shall be fitted on the tubular frame and not in between the piece of the frame fitting shall be done properly with screws & washers.

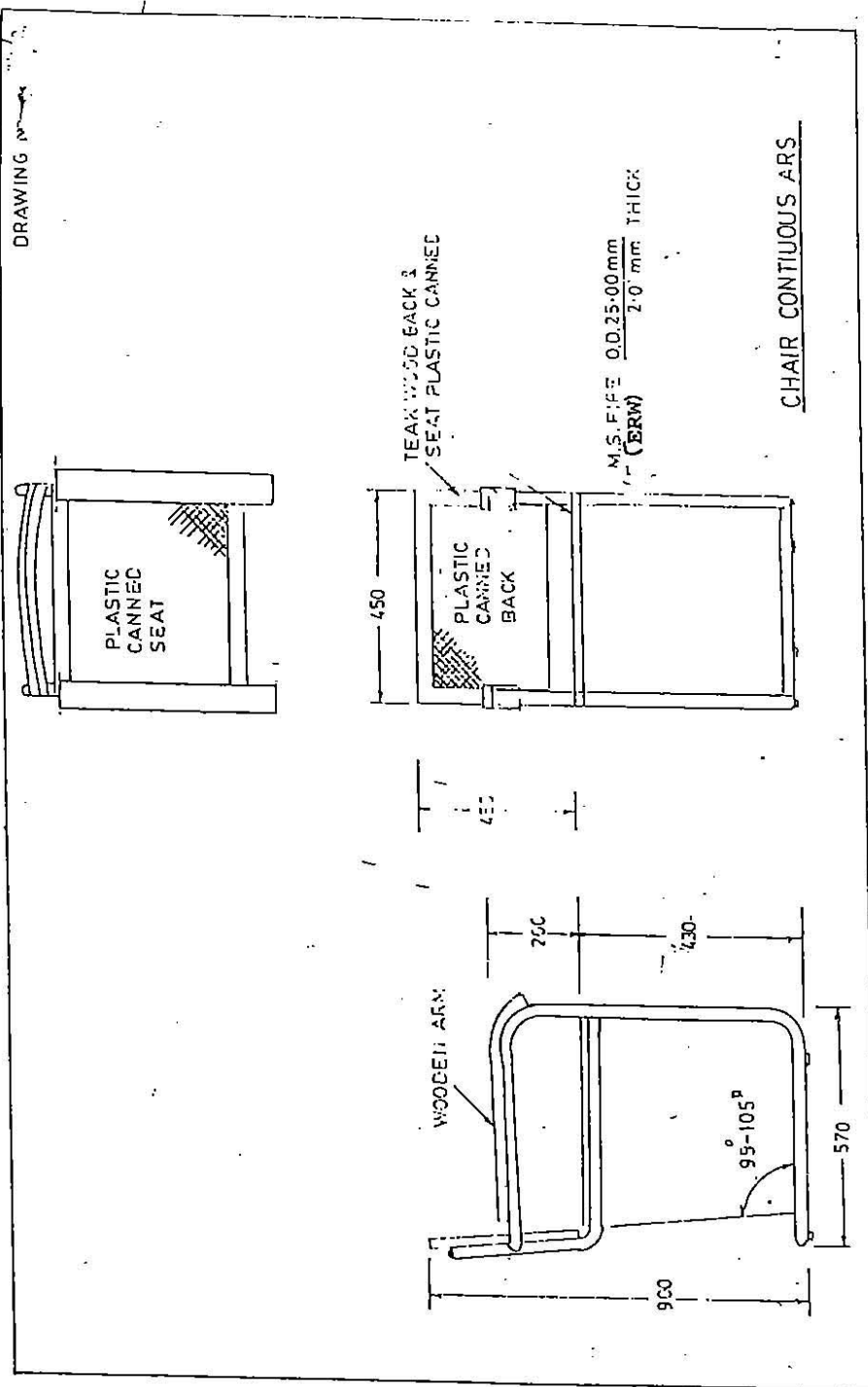


6. Size and dimensions of Arm rest, Seat & back
- (a) Chairs without arms
- |              |              |
|--------------|--------------|
| Size of Seat | 450 x 450mm. |
| Size of Back | 450 x 310mm  |
- (b) Chair with over hanging arm -do- Arm Size
- |   |
|---|
| 380mm Lx50mm Wx 25mm thickness made of teak wood. |
|---|
- (c) Chair with arms
- |              |   |
|--------------|---|
| Size of Seat | 450mm x 450mm   |
| Size of back | 450mm x 330mm   |
| Arms         | 430 mm L x 50 mm Wide x 25mm Thick made of teak wood. |
7. Finish: All dents, burrs and shape shall be removed from the various components and they shall be individually pickled scrubbed and rinsed to remove grease, rust, scale or any other foreign element, putty shall be applied all the surfaces and requiring filling and shall confirm to IS: 426-1961 immediately after pickling all the mild steel parts shall be given phosphating treatment confirming to class 'C' IS: 2618-1966. The process for applications of phosphate coating shall be in all accordance with IS: 6005-1970. Coat/Coats of enamel paint shall then be applied as follows:
- (a) Finish coat with enamel confirming to IS: 151-1950, IS: 2937-1974 or IS 2933-1975 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard and rough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull pointed instrument.
- \*\*\* piece of tubular pipe in the joint with out or diameter equal to the inside diameter of the tubular frame, then.









DRAWING NO.

CHAIR CONTINUOUS ARS

SCHEDULE SHOWING THE SPECIFICATIONS OF NESTING TUBULAR CHAIR

S.No. Specification

As per Drawing

01. The metal nesting chairs shall generally conform to IS:4103/1977 (Current) specification for metal nesting chairs.

**Fabrication :** (1) Tubular Frame : It shall be made from mild steel tubular pipe(ERW) with a wall thickness of not less than 1.6 mm and 25mm out side diameter. The bottom ends of chairs legs shall be provided with caps made of rubber or other resistant material which will not mar floor and is resistant to slidings mild steel tube shall confirm to IS:7138-73.

- (2) Seat it shall be fabricated from a single piece of mild steel sheet not less than 1mm thick and shall be framed in such a manner as to provide to conform strength and rigidity and eliminate sharp edges.

**Back Rest:-** It shall not be less than 150mm high & fabricated from single piece of mild sheet not less than 1.0 mm thick to form a comfortable fitting shape & maximum strength. All components shall be assembled by means of rivetting, bolting or welding.

**Dimensions: Seat Height from floor:-** It shall be 430mm  $\pm$  5mm width of seat. The minimum width of seat will be 400mm measured at a point midway along the effective depth of seat. The width of the seat will be measuring excluding frame pipe diameter.

APPROXIMATE WEIGHT - 5 Kg.\*

- \* The actual weight will be determined by inspection agency at the time of approval of Sample(s)

S.No. Specification

As per Drawing

Effective Depth of a seat : Minimum effective depth of seat shall be 400mm. This shall be measured from a vertical line through the centre of the front edge of the seat to a line through the centre of back edge of the seat.

**OVERALL DIMENSIONS:**

Overall Height 800mm  $\pm$  5mm, overall width 450mm  $\pm$  5mm.

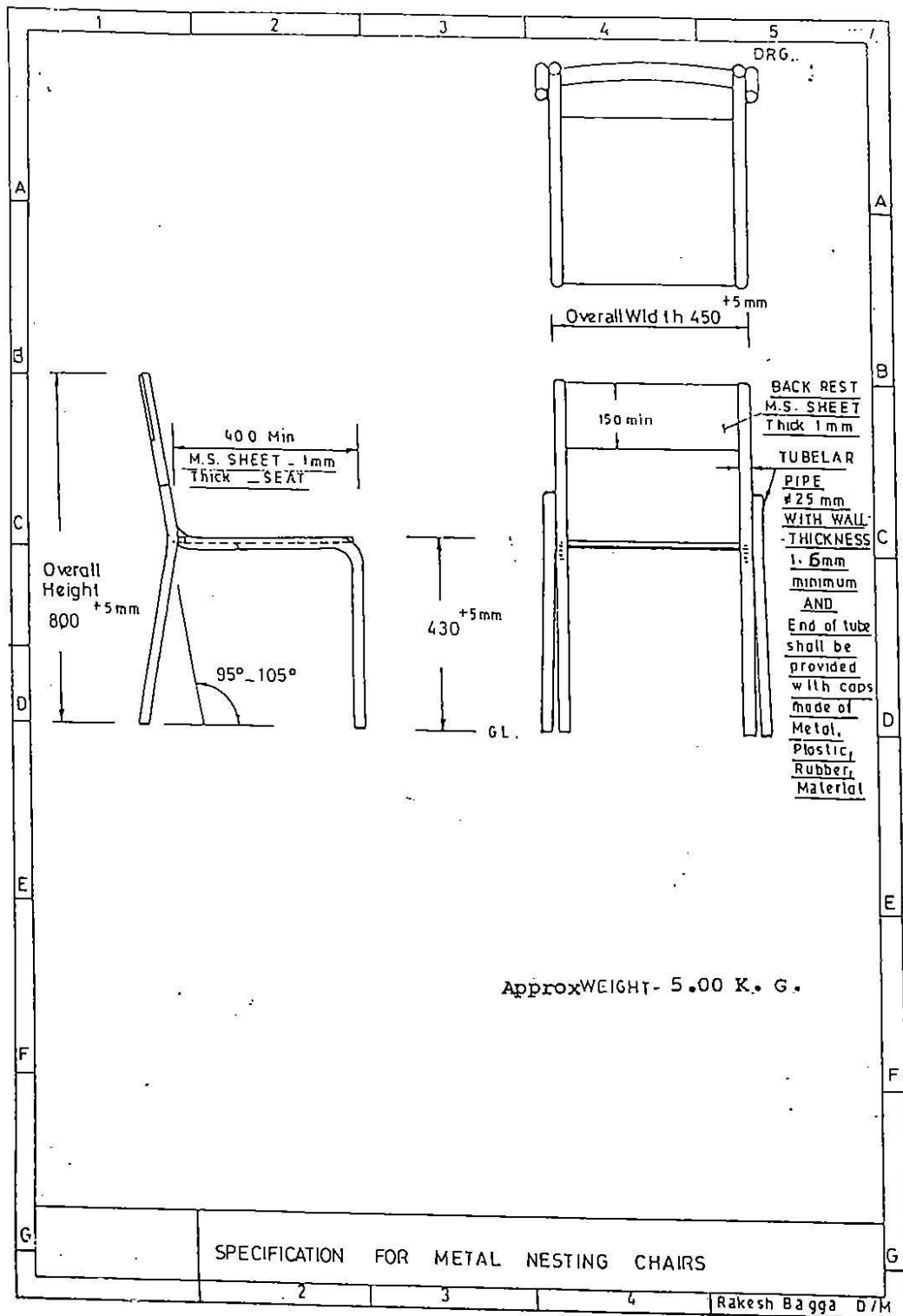
**Finish**

All dents, burrs, and sharp edges shall be removed from the various components and they shall be individual pickled scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the outfaces requiring filling and shall conform to IS: 426-1961 immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class C of IS: 3618-1966. The process for application of phosphate coating shall be in accordance with IS: 6005-1970. Coat coats of enamel paint shall than be applied as follows.

(a) Finish coat with enamel confirming to IS: 151-1950, IS:2937-1974, IS:2933-1975 and

(b) In case of stoving anamel the components shall thereafter be backed at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard though film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull pointed instrument.

(SIGNATURE OF TENDERER)



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**SCHEDULE SHOWING SPECIFICATIONS OF STEEL STOOL**

S.No.	Specification	As per Drawing
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01. **SCOPE**

Fabrication and supply of steel stool of size length 300mm x Breadth 300 mm x Height 460mm with C.R.C.A. Sheet top and tubular frame constituting. Four legs. An overall tolerance of +/- 5mm is applicable in the above dimensions.

02. **MATERIAL**

Top shall be made from C.R.C.A. sheets confirming to IS: 513-1973 and should be 0.8 mm thick. This should have lipped flanges of 25mm x 20mm. Finished top shall be of 300mm x 300mm.

Frame : Steel Tubular frame shall be made of steel Tube for furniture purpose confirming to IS: 7138-1973. (ERW) The tube shall be of 25mm outer dia meter and having wall thickness of 1.6mm. To support the 4 legs a suitable support of steel tube of 18.75 mm dia meter and 1.6mm wall thickness shall be provided in between all the four legs at a height of not more than 100mm from floor. The length of the support should be so adjusted that the bottom end of legs coincides with the edges of the top. (i.e. frame should be inclined). Ends of the legs shall be provided with rubber pads or other resistant material so as to avoid marring of floor and slidings.

03. **FABRICATION**: Top shall be joint with tubular frame by means of welding. The cavity occurred due to formation of flange in all the 4 corners of the top shall be properly welded.



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S.No. Specification  
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As per Drawing  
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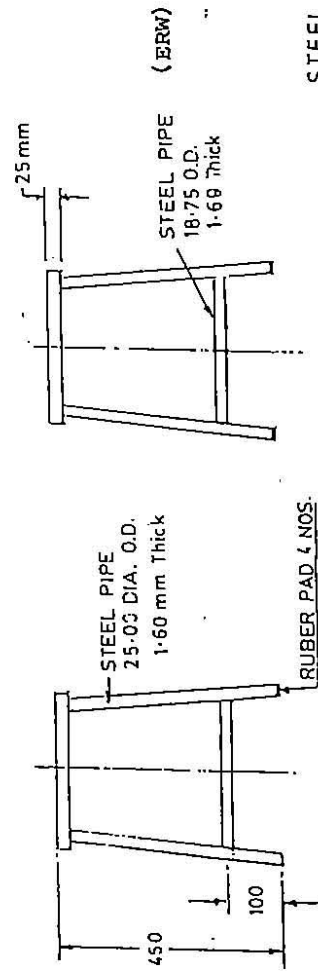
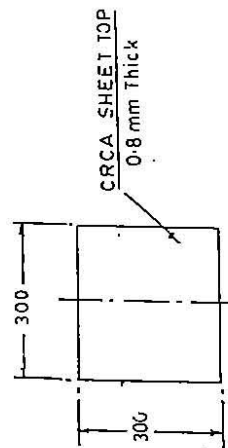
APPROXIMATE WEIGHT : 3.6 Kg.\*

**FINISH** All welding joints shall be strong and uniform. All dents, burrs and sharp edges shall be removed from the various parts to coats of Enamel paints confirming to IS: 2937-1974 or IS: 2933-1975 shall be provided. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull pointed instrument.

- \* The actual weight will be determined by inspection agency at the time of approval of Sample(s).



DRAWING



STEEL STOOL

SCHEDULE SHOWING SPECIFICATIONS OF STEEL

CASH BOX

(As per Drawing)

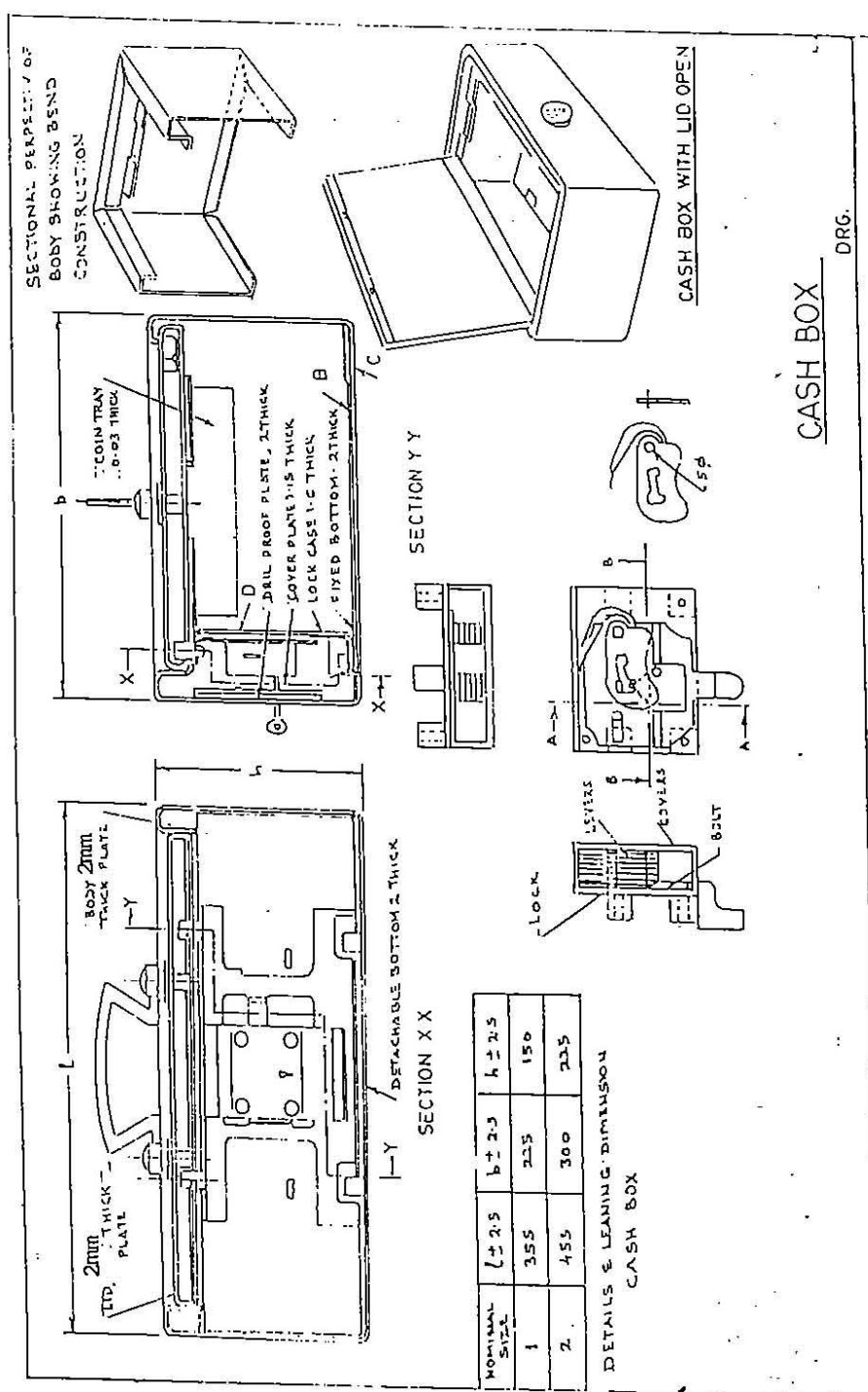
S.NO.	SPECIFICATIONS
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1. Cash boxes shall be made out of 2mm thick M.S. sheets of following nominal sizes :

1. 355 MM L x 225 MM W x 150 MM H
2. 455 MM L x 300 MM W x 225 MM H

Having two compartments complete with lid safe locking system and the entire unit approved weighing 12 Kg.\* The interior as well as exterior surface shall be provided with 3 coats of synthetic enamel so as to provide a smooth and glossy finish free from burrs or other visible defects. the lock provided shall conform to IS:729-1969. The other details shall be as per provisions made in IS:1046-1992 (Latest amended)

\* The actual weight will be determined by the inspection agency at the time of approval of sample(s).



SCHEDULE SHOWING SPECIFICATIONS STEEL IRON SAFE

S.No.	Specification	As per Drawing
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1. Safe Burgulary resisting non fire resisting single door of size 670 mm height x 530 width x 530 mm depth. The body shall be of 16 bend construction, complete with inner bodyhold fasts, door frame-door, door-fittings including hinges bolts, handle and locks. The construction, workmanship and general arrangement of the safe shall be in accordance with IS: 550-1991 (current) Latest amended.
2. Type N.H.R.
3. Overall diamonsions 670mm x 530mm x 530mm. The overall dimensions specified above shall not vary as per provisoion of relevant ISS.
4. Single door.
5. Body Construction of 16 bends.
6. Dimensions:
  - (a) Inside diamonsions 560mm x 520 mm x 365 mm subject to a tolerance as per provisions of relevant ISS.
  - (b) Non fire fesisting N.F.R.
  - (c) Thickness of body plate and back plate 5 mm
  - (d) Thickness of doors slab (thickness over rebate) 14mm.
  - (e) Thickness of door over bolt work 19mm (Min.).

S.No.	Specification	As per Drawing
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(f) Thickness of drill proof layer shielding bolt work 3.15 mm (Min.)

(g) Thickness of extra proof layer over lock 3.15 mm.

(h) Number of lock : One

(i) Number of bolts on hinge side - Three.

(j) Number of the bolts in the side opposite of the hinge side - Three.

(k) Cross section of each bolts - 1200mm. Sq.

(l) Depth of engagement of bolt 20mm. (min.)

(m) No. of drawer - One

(n) No. of removable shelves - One

(o) Thickness of internal fixtures & drawers shelves 1.6mm minimum.

**NOTE :** The materials for safe should be in accordance to provision of IS: 550 (Part-I) 1991.

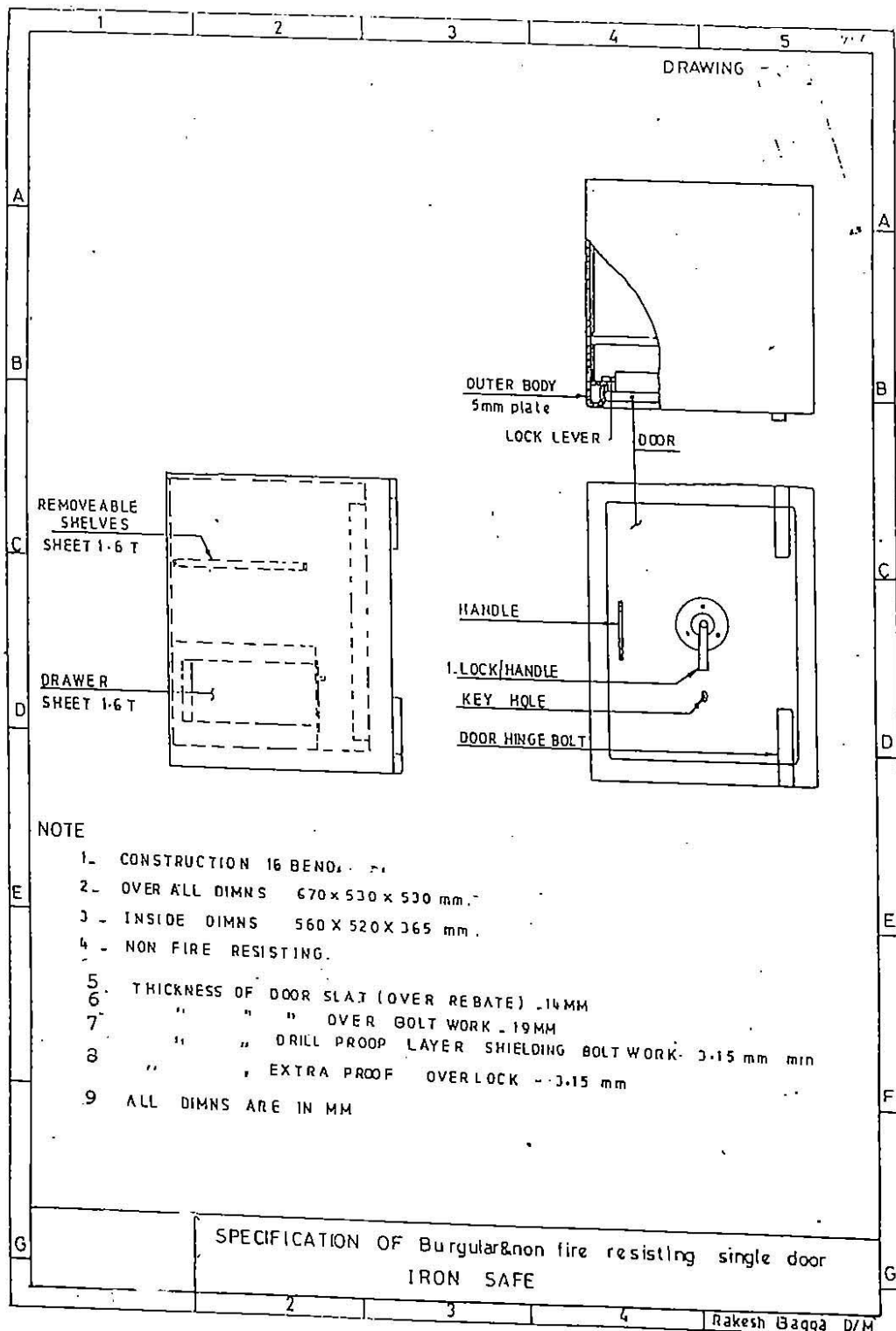
**Finish** All dents, burrs, and sharp edges shall be removed from the various components and they shall be individual picked scrubbed and rinsed to remove grease, rust, scalp or any other foreign element. Putty shall be applied to all the surfaces requiring filling and shall confirm to IS: 426-1961 immediately after picking, all the mild steel parts shall be given phosphating treatment confirming to class C of IS: 3618-1966. The process for application of phosphate coating shall be in accordance with IS: 6005-1970. Coat coats of enamel paint shall than be applied as follows.

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S.No. Specification

As per Drawing  
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- (a) Finish coat with enamel confirming to IS: 151-1950, IS:2937-1974, IS:2933-1975 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull pointed instrument.

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SCHEDULE SHOWING SPECIFICATIONS OF STEEL COT (BED) AS PER DRAWING

(1) SCOPE

Fabrication and supply of fixed steel cots.

(2) MATERIAL

- (I) Steel Tube - Steel Tubes shall conform to IS:7138-1973 (Latest amended).
- (II) MS Flats / Sheets Mild Steel Flat Sheet should conform to IS: 1977-1969; and IS: 513-1973 or IS: 1079-1973 (Latest amended).
- (III) Electrodes & Filler Rods - The welding electrodes and filler rods for gas arc welding shall conform to IS:1278-1972.
- (IV) Ply wood - shall conform to IS:303-1975
- (V) Wood screws - shall conform to IS:6760-1972 - IS:6739-1972

(3) CONSTRUCTION

Dimension & Tolerance of Steel Cots shall be as follows.

Length - 1820mm x Width - 910 mm x Height - 450mm  
Tolerances : + 5mm

- (4) Manufacture - The frame for cots shall be made from steel tubular pipes (ERW) of wall thickness (16 SWG) and dia 38mm as out side diameter. Two support of MS steel strip size 35x5mm shall be fixed in width-wise at equal distance of the frame. Four inside corner support made of 5mm thick plate with hole shall also be provided.

PLYWOOD :

12mm thick ISI marked ply waterproof exterior grade shall be fitted on the top of frame with wood screw as per drawing. Plywood shall conform to IS:303-1975 (Latest amended).

Wood Screw - Wood screws for joinery work shall be slotted counter sunk head or round head and shall conform to IS:6760-1972 - IS:6739-1972.

LEGS :

Four legs shall be made from steel tubular pipe (ERW) of wall thickness (16 SWG) x 38mm dia as out side diameter. The free end of the legs shall be fitted with replaceable shoes made of good quality rubber / plastic / ~~wood~~ so as to avoid floor mar & sliding.

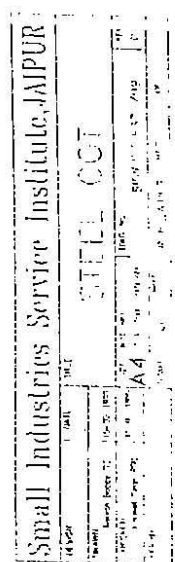
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**(5) FINISH**

All dents, burrs and sharp edges shall be removed from the various components and they shall be individually pickled scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961. Immediately after pickling, all the mild steel parts shall be given phosphating treatment conforming to class 'C' of IS:3618-1966. The process for application of phosphate coating shall be in accordance with IS:6005-1970. Coat / Coats of enamel paint shall then be applied as follows :

- (a) Finish coat with enamel conforming to IS:151-1950, IS:2937-1974, or IS:2933-1975 and
- (b) The finish shall smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shall be free from all visible defects and shall not chip when tapped lightly with a dull pint instrument.



SCHEDULE SHOWING SPECIFICATIONS OF B.I. BUCKETS

S.No. Specification	As per Drawing
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Galvanised steel buckets for general use  
conforming to IS: 726/1982 (Current of  
the following size & specifications:

Dimensions of Body

(1)	(a)	<u>Top dia</u>	<u>Depth</u>	<u>Bottom dia</u>	<u>Approximate Weight</u>
		<u>325mm</u>	<u>300mm</u>	<u>230mm</u>	
		<u>± 5mm</u>	<u>± 5mm</u>	<u>± 5mm</u>	<u>3 Kg.*</u>

NOMINAL SIZE:

325 mm

(b) Dimensions of Ear:-

<u>Height</u>	<u>Width</u>	<u>Nominal Capacity</u>
63 mm	40mm	18 Litres
± 5mm	± 3mm	

Handle dia

10mm

Bottom ring thickness

2mm

Dimensions of Body

(2)	(a)	<u>Top dia</u>	<u>Depth</u>	<u>Bottom dia</u>	<u>Approximate Weight</u>
		<u>350mm</u>	<u>325mm</u>	<u>250mm</u>	
		<u>± 5mm</u>	<u>± 5mm</u>	<u>± 5mm</u>	<u>3.5Kg.*</u>

\* The actual weight will be determined by inspection agency at the Sample(s).

S.No. Specification

As per Drawing

NOMINAL SIZE:

350 mm

(b) Dimensions of Ear:-

<u>Height</u>	<u>Width</u>	<u>Nominal Capacity</u>
63 mm	40mm	23 Litres
$\pm 3$ mm	$\pm 3$ mm	

Handle dia

10mm

Bottom ring thickness

2mm

Manufacturer :-

The body shall be in two halves which shall be jointed together either by butt welding or seem welding or by a lock joint. The width of the seem lock shall be not less than 12mm. The pitch of the revets shall be 25mm max.. The top rim of the body shall be uniformly bladed with M.S. wire of 3.15 mm diameter.

Sheet thickness:-

The thickness of the steel sheet used for body, bottom ear, bottom ring and the diameter of the mild steel rod for the handle before galvanising, shall confirm to the following :-

Part of the Bucket

Thickness in mm  
Standard Quality Buckets

Body	0.63
Bottom	1.00
Bottom Rings	1.60
Handle Diameter	10.00 Min.
Ear	3.15 mm.

NOTE :-

1. Tolerances on dimensions of thickness of steel used for body, bottom and bottom rings shall be as per IS: 513-1973 or IS: 1079-1973 which ever is applicable.
2. Tolerances on ear dimensions shall be as per IS: 1852-1973. The capacity shall be calculated when the bucket is full up to brim.

Galvanising :-

The buckets shall not be fabricated out of the G.P. sheet. The galvanisation of each bucket shall be done after fabrication. The coating of zinc on any portion shall be not less than  $0.03 \text{ gm/cm}^2$  (single surface). The galvanising coating shall be free from blisters, grittiness, strains and bare spots in accordance with appendix A of IS: 2629-1966.

(SIGNATURE OF TENDERER)

Technical drawing of a galvanized steel bucket, showing three views: a side elevation, a cross-section, and a detail of the bottom joint.

**Side Elevation View:**

- Labels: HANDLE, BODY, BOTTOM RING, BOTTOM SHEET.
- Dimensions: 10mm DIA (for the handle), 25mm LAP (for the bottom ring).
- Notes: PROXIMATE TO 1/8" FLARE AND TO LIE ALONG THE EDGE OF BUCKET.

**Cross-section View:**

- Labels: BODY, BOTTOM RING, BOTTOM SHEET.
- Dimensions: 10mm (for the bottom sheet), 25mm LAP (for the bottom ring).

**Detail of Bottom Joint:**

- Labels: BODY, BOTTOM RING, BOTTOM SHEET.
- Dimensions: 10mm (for the bottom sheet), 25mm LAP (for the bottom ring).
- Notes: DETAILS SHOWING METHOD OF JOINING BOTTOM TO BODY, BOTTOM RING TO BODY.

### SCHEDULE SHOWING SPECIFICATIONS OF STEEL TRUNKS

- S.NO.      SPECIFICATIONS
1.      Trunks of G.I. Sheets of 0.63 mm thickness conforming to relevant IS specifications complete with fittings of the following sizes.

<u>Sizes</u>	<u>Approx. Wt.</u>	<u>Kundas &amp; handle</u>
I)      182cm L x 91cm W x 91cm H	-	-
II)     89cm L x 46cm W x 46cm H	12.00 Kgs.	2
III)   80cm L x 50cm W x 35cm H	10.00 Kgs.	2
IV)    80cm L x 45cm W x 45cm H	10.00 Kgs.	2
V)     70cm L x 45cm W x 25cm H	07.50 Kgs.	1

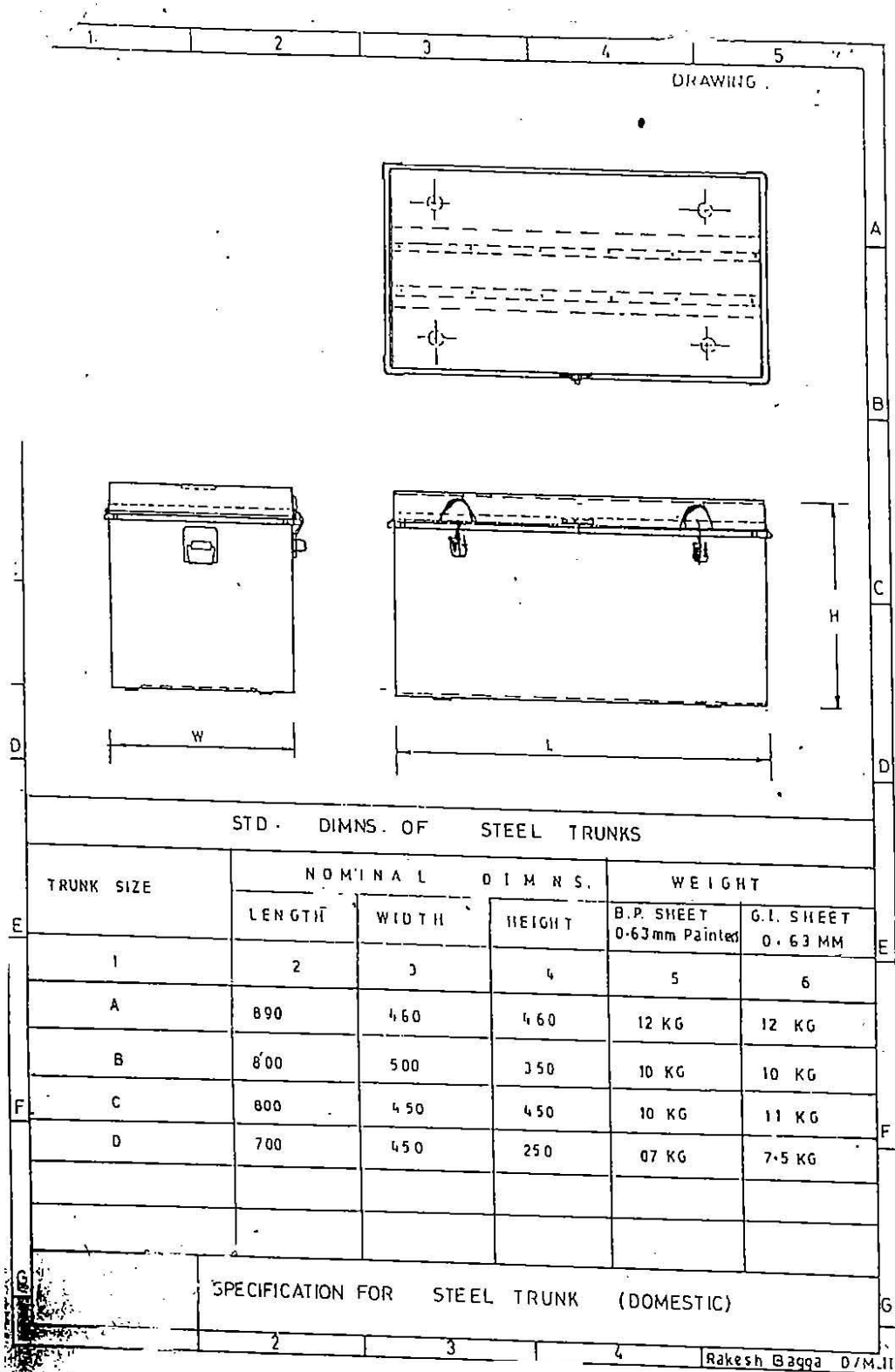
Tolerance:

Tolerance over the overall dimensions given above be + / - 5 mm.

The actual weight will be determined by Inspection Agency at the time of inspection.







**Nine new Items Add (BOQ Sr No 25)**

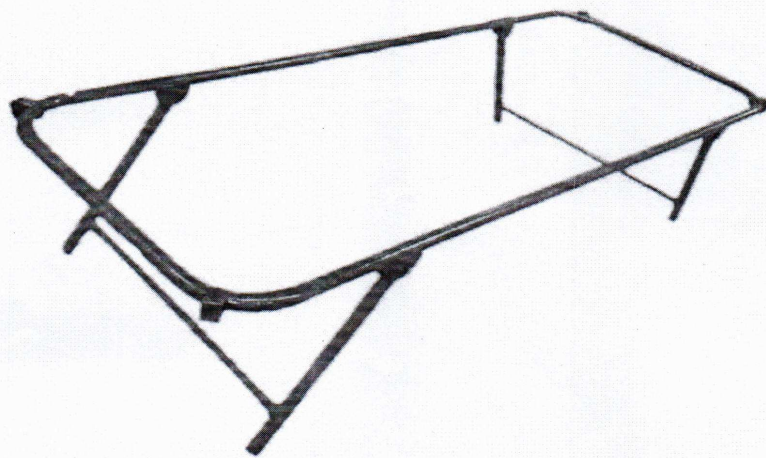
180

**Specification of Folding Steel Cots**

- A. Iron Folding Cots are required without coir or newer etc.
- B. Construction of folding cot shall be steel pipe/tube conforming to Indian Standard Specification No. IS:1161-2014 (re-affirmed 2019) (Revision V) Class : Light steel tube to be used in frame & Leg arm shall be 33.7 mm outside dia and 2.60mm wall thickness. The steel tube used in link arm shall be 21.3 mm in outside diameter and 2mm wall Thickness
- C. The free end of the legs shall as per departmental sample.
- D. The end (Bottom) of the four legs should be provided/fixed at such a point that when not in use the legs do not come out of the frame of the cots and when not in use the legs may be folded without any overlapping
- E. The weight of structure should be not less than 16.3Kg
- F. Size of the cot shall be 6' in length and 3' in width departmental sample.
- G. (1) Finish : All dents burrs and sharp edges shall be removed from the various components.

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(2) Paint : Cot shall be supplied with powder coating with suitable colour as per departmental specimen & final finish shall smooth and uniform with hard tough film of coating strongly adhering to the surface. Finish shall be free for all visible defects





## Nine new Items Add (BOQ Sr No 33)

183

### Specification of Folding G.I Trunk (Kit Box)

GI. Trunk (Kit Box) shall be fabricated of 0.63mm galvanized steel sheet plain, conforming to Indian Standard Specification No. IS:7257-1973 (re-affirmed 1994), Size Medium, with following dimensions :-

- A. Length            –    800mm  
Width                –    500mm  
Height               –    310mm  
Width of Lid        –    56mm
- B. Pocket inside the Lid:-  
Length               –    300mm  
Height                –    100mm  
Depth                –    20mm
- C. To improve the strength of Lid. a supporter Long Stiffener, shall be provided length wise with 130 mm width and 800mm long, made of 0.63mm galvanized steel sheet plain and chain to keep it in position as demonstrated in departmental sealed sample.
- D. Locking arrangements (Kundas & Handles):  
These should be fabricated as per departmental sealed sample.
- E. Width of Bottom:  
Two pressed supporters are required to be provided below the bottom as in the departmental sealed sample.

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- F. The word (राज. पुलिस) should be embossed in Hindi in 32 Cm. lengths and 5 CMs. in width at the front portion of the bottom of the Kit Boxes, just below front carrying handle.
- G. (i) The body and lid of the Kit Boxes should be constructed with not more than 3 panels.
- (ii) The Kit Box will be with cramp joints at the corners.
- H. Weight of G.1. Trunk (Kit Box)
- Total Weight Not less than 10Kg.



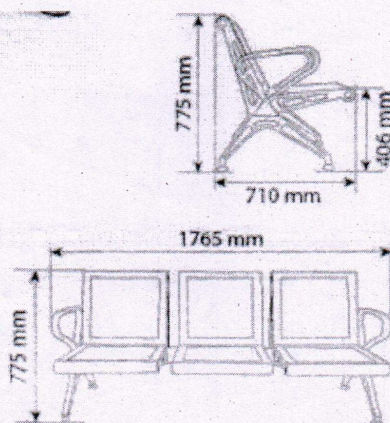


## Nine new Items Add (BOQ Sr No 33)

### SPECIFICATION OF WAITING BENCH (Three seater)

188

1. Scope:  
Fabricated and supply of waiting bench of size:  
Waiting Bench- Length 1765mm x Breadth 710mm x Height 775mm. A tolerance of  $\pm 5$ mm shall be allowed in over all dimensions.
2. Material:  
Waiting bench seat & back shall be made of Perforated sheets of 1.1mm thick confirming to IS: 513-1973.
3. Construction:  
Waiting bench shall be made of perforated Sheets not less than 1.1 mm thick seat & back.  
  
Arm rest & legs:  
Arm & legs shall be made from 1.2mm Sheet. PVC shoes shall be provided in all legs so as to avoid floor marring and sliding.  
  
Central Beam:  
Central beam shall be made from 1.6mm CRC sheet and is covered with PVC cap on both the ends. Beam shall have proper holes so that seat & back can be assembled smoothly over it with the help of Bolts.
4. All welding joints shall be strong and uniform. All dents burrs and sharp edges shall be removed from the various parts and shall be duly powder coated. The finish shall be free from all visible defects.
5. Weight- Minium weight 30Kg.

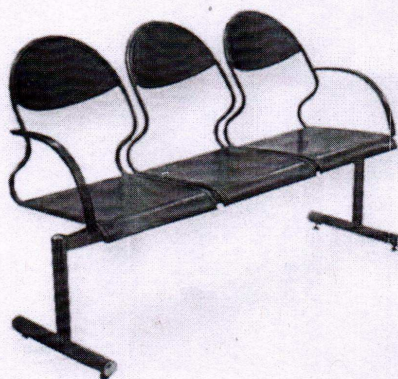




## Nine new Items Add (BOQ Sr No 34)

### SPECIFICATION OF WAITING BENCH (Three seater)

1. Scope:  
Fabricating and supply of waiting bench of size:  
Overall dimension - Length 1450mm x Breadth 600mm x Height 775mm. A tolerance of  $\pm 5$ mm shall be allowed in overall dimensions.
2. Material:  
Waiting bench seat & back shall be made of CRC Perforated sheets. Structure made of 50mm round pipe.
3. Construction:  
Waiting bench shall be made of perforated Sheets not less than 1.1 mm thick seat & back. Seat & back connected with 19mm round pipe of 1.6mm thick. Seat height from ground will be 450mm.  
  
Arm rest:  
Two Arm shall be made from pipe of 17x35mm with wall thickness of 1.6mm and placed on the two ends of the bench.  
  
Central Beam:  
Central beam shall be made from 75x35mm with wall thickness of 1.6mm CRC sheet. Seat shall be properly attached to the beam.
4. All welding joints shall be strong and uniform. All dents burrs and sharp edges shall be removed from the various parts and shall be duly powder coated. The finish shall be free from all visible defects.
5. Weight- Minium weight 27 Kg.



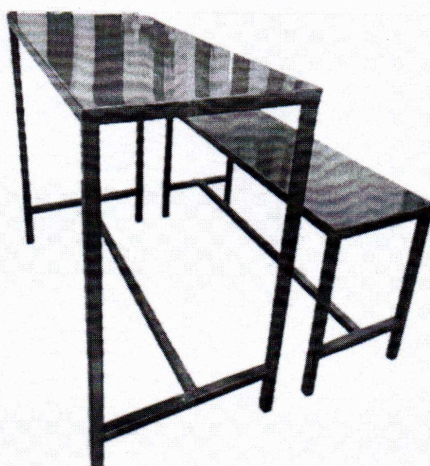


## Nine new Items Add (BOQ Sr No 35)

189

### SPECIFICATION OF STEEL DUAL DESK (Table & Bench for two students)

1. Scope:  
Fabricated and supply of steel table & bench of size:  
Table- Length 1050mm x Breadth 450mm x Height 750mm. A tolerance of  $\pm 5$ mm shall be allowed in over all dimensions.  
Bench- Length 1050mm x Breadth 300mm x Height 450mm. A tolerance of  $\pm 5$ mm shall be allowed in over all dimensions.
2. Material:  
Top of table & bench shall be made of C.R.C.A. sheets confirming to IS: 513-1973 and tubular frame of furniture grade steel tube conforming to IS:7138-1973.
3. Construction:  
Top of table & bench shall be made of C.R. Sheets not less than 1mm thick having lipped flags of 25x15mm in all the 4 sides.  
  
Tubular Frame:  
Frame constituting 4 legs of 25x25mm square pipe and wall thickness Of 1.6mm shall be provided. The frame shall be welded with the top. A suitable foot rest M.S. Pipe shall be provided at the bottom of the frame by means of 'H' formation having square pipe of 25x25mm and wall thickness of 1.6mm. Table & bench top shall be reinforced on all sides with 25x25mm square pipe and wall thickness of 1.6mm. PVC shoes shall be provided in all legs so as to avoid floor marring and sliding.
4. All welding joints shall be strong and uniform. All dents burrs and sharp edges shall be removed from the various parts, two coats of enamel paints conforming to IS:2937-1974 or IS: 2933-1975 shall be provide. The finish shall be free from all visible defects.
5. Weight: Minimum weight- 24Kg.



## Nine new Items Add (BOQ Sr No 36)

### SPECIFICATION OF STEEL DUAL DESK (Table & Bench for two students)

#### 1. Scope:

Fabricated and supply of steel table & bench of size:

Table- Length 1050mm x Breadth 400mm x Height 750mm. A tolerance of + 5mm shall be allowed in over all dimensions.

Bench- Length 1050mm x Breadth 300mm x Height 900 mm. A tolerance of + 5mm shall be allowed in over all dimensions.

#### 2. Material:

Top, Shelf, Seat & Back shall be made of pre-laminated particle board ISI marked and tubular frame of furniture grade steel tube conforming to IS:7138-1973.

#### 3. Construction:

Top, Shelf, Seat & Back shall be made of 18mm pre-laminated particle board with wooden / PVC edge band of minimum 2mm thick. Top size- 1050x400mm, Shelf- 950x200mm, Seat- 1050x300mm, Back- 1050x150mm and Modesty- 1050x300mm. Table top, modesty, seat and back will be attached to the pipe frame using flat Allen key nut and bolt.

Tubular Frame:

Frame made of 50x25mm pipe and 25x25mm pipe with wall thickness of 1.6mm shall be provided. The frame shall be properly welded. Provision for hanging bag to be provide on both the side. Table and bench is joint using 50x25mm pipe of length 850mm leaving proper space between table & bench.

4. All welding joints shall be strong and uniform. All dents burrs and sharp edges shall be removed from the various parts and shall be duly powder coated. The finish shall be free from all visible defects.

#### 5. Frame Weight Aprox: 18 Kg.



## Nine new Items Add (BOQ Sr No 37)

### Specification of Steel visitor Chair

S.N.	Specification	Requirement
1	Chair Type	Non-Revolver and Non-Tilting chair with Armrest
2	Chair frame type	Cantilever
3	Armrest type	Continuous armrest
4	Armrest front side	Bended
5	The armrest material	PU (reinforce with MS insert)
6	Backrest type	Padded
7	Backrest Material thickness	10 mm to 12 mm
8	Backrest material	Moulded Plywood
9	Density of Polyurethane foam used in Seat & Backrest ( Kg/Cub Meter)	32
10	Polyurethane foam thickness (for seat & backrest)	45 mm
11	Backrest & Seat upholstered with	Leather
12	Colour of Seat & Backrest cover	Brown
13	Shoe/Studs material	PVC
14	Seat type	Padded
16	Seat material thickness	45 mm
17	GSM of seat cover ( $\pm 3$ GSM)	250 GSM
18	Arm Length ( $\pm 5$ mm)	200 mm
19	Arm Width ( $\pm 2$ mm)	30 mm
20	Backrest height from seat ( $\pm 5$ mm)	480 mm
21	Backrest width ( $\pm 5$ mm)	450 mm
22	Seat height from floor surface ( $\pm 5$ mm)	455 mm
23	Seat Width ( $\pm 5$ mm)	460 mm
24	Seat Depth ( $\pm 5$ mm)	480 mm
25	Frame material	Steel tube (ERW quality) conforming to IS: 1161 (with latest Amendment)
26	The shape of tubular section of frame	Round
27	Section Size (Diameter/Sides) of frame	25 mm to 30 mm
28	Frame section wall thickness	1.8 mm to 2.0 mm
29	OEM of offered product is ISO 18001:2007/45001:2018 certified	Yes
30	Warranty Support and Product Delivery & Installation	1 year (minimum) At 12BRD Najafgarh, Delhi (inside Airforce premises)

**Visitor Chair for reference only**





## Nine new Items Add (BOQ Sr No 38)

### 1. Steel revolving chairs- Mesh Mid Back with Adj.Arms Larger Seats

#### Providing, supplying and placing of Mid Back Chair.

- SEAT/BACK ASSEMBLY: The seat is made up of  $1.2 \pm 0.1$  cm thk. hot pressed plywood measured. The Back is made up of injection molded glass filled polypropylene & upholstered using Net fabric with high tenacity yarn.
- SEAT SIZE: 47.0 cm. (W) x 51.5 cm. (D)
- BACK SIZE: 45.0 cm.(W) x 65.3 cm. (H)
- HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam is molded with density  $=55 \pm 2$  kg/m<sup>3</sup> and hardness  $16 \pm 2$  kgf as per IS: 7888 for 25% compression.
- ARMRESTS: The armrests have an Up-Down adjustment of  $8.5 \pm 0.5$  cm which is provided in armrest structure. Armrests top has an integrated layer of Thermoplastic Elastomer (TPE)
- LUMBAR SUPPORT ASSEMBLY: The Lumbar support consists of polypropylene pad. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pad. Lumbar pad has an adjustment of  $8.0 \pm 0.5$  cm in height.
- FRONT PIVOT SYNCHRO MECHANISM: The adjustable tilting mechanism is designed with the following features.
  1. 360° revolving type.
  2. Single point control.
  3. Front-pivot for tilt with feet resting on ground ensuring more comfort.
  4. Tilt tension adjustment.
  5. 4-position locking with anti-shock feature.
  6. Seat/back tilting ratio of 1:2.
- PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of  $10.0 \pm 0.3$  cm. PEDESTAL ASSEMBLY: The pedestal is injection molded in black 30% glass- filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal pitch- center dia is  $066.1 \pm 0.5$  cm. **(76.1  $\pm$  1.0 cm. with castors).**
- TWIN WHEEL CASTORS: The twin wheel castors are injection molded in black Nylon.
- OVERALL DIMENSIONS OF  
CHAIR: WIDTH (W):  
  
76.1 CM  
DEPTH (D): 76.1 CM  
HEIGHT (H): 98.0 -  
108.0 CM SEAT HEIGHT  
(SH):45.8 - 55.8 CM

## Nine new Items Add (BOQ Sr No 39)

Steel revolving chairs (with Head rest)- Mesh full back chair

### Providing, supplying and placing of Mid Back Chair.

- SEAT ASSEMBLY: The seat is made up of  $1.5 \pm 0.1$  cm thick hot- pressed plywood upholstered with fabric and molded polyurethane foam.
- SEAT SIZE: 51.8cm (W) x 49.7cm (D)
- BACK ASSEMBLY: The Back is injection molded in glass filled Polypropylene which is 2 upholstered with Mesh fabric. The back consist of adjustable Lumbar support made of injection molded Polypropylene having an adjustment of 5.0 10.1 cm.
- BACK SIZE: 47.9 cm(W) x 86.5 cm (H)
- HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane seat foam is molded with density  $45 \pm 2$  kg/m and hardness  $14 \pm 2$  kgf as per IS: 7888 for 25% compression.
- ARMRESTS (ADJUSTABLE): The height adjustable armrest is made of Polypropylene and can be adjusted to 6.010.1cm height it also has swivel and To and Fro adjustment with molded PU arm top
- ACTIVE BIO-SYNCHRO MECHANISM: The adjustable tilting mechanism is designed with the following features 360° revolving type Front-pivot for tilt with feet resting on ground & continuous lumbar support ensuring more comfort Till tension adjustment can be operated in seating position 5 position Tilt limiter giving option of variable sit angle to the chair Seat/back tilting ratio of 1:2 The mechanism housing is made up of HPDC Aluminum & black powder coated (DFT 40 to 60 micron)
- PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment with an adjustment stroke of  $10.0 \pm 0.3$ cm.
- PEDESTAL ASSEMBLY: The pedestal is injection molded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal pitch- center dia is  $166.1 \pm 0.5$  cm. ( $76.1 \pm 1.0$  cm. with castors).
- TWIN WHEEL CASTORS: The twin wheel castors are Injection molded in black Polyamide having

**6.01 0.1cm wheel Diameter. WIDTH (W) - 76.0cm, DEPTH (D) - 76.0cm, HEIGHT (H) - 95.5 cm-**

**105.5cm, SEAT HEIGHT - 43.5 - 54.0cm**





Tender Inviting Authority: The Rajasthan Small Industries Corporation Limited  
Name of Work: Rate Contract for supply of Steel Furniture  
Contract No: 34/2024-25

Name of the Bidder/ Bidding Firm / Company :				
<b>PRICE SCHEDULE</b>				
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )				
<b>NUMBER #</b>	<b>TEXT #</b>	<b>NUMBER #</b>	<b>NUMBER</b>	<b>NUMBER</b>
<b>Sl. No.</b>	<b>Item Description</b>	<b>RATE In Rs. Per Pc for local delivery inclusive of all charges but exclusive of GST Figures To be entered by the Bidder Rs. P</b>	<b>Prices quoted per Pc in Rupees for F.O.R. any District Head Quarter where in Rajasthan inclusive of all charges such as packing forwarding freight by Road, Rail, Insurance, Inspection charges, if any, but exclusive of GST. Figures To be entered by the Bidder Rs. P</b>	<b>Prices quoted per Pc in Rupees for F.O.R. any destination (except local &amp; district Head Quarter) anywhere in Rajasthan.. inclusive of all charges such as packing forwarding freight by Road, Rail, Insurance, Inspection charges, if any, but exclusive of GST. Figures To be entered by the Bidder</b>
<b>1</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>Rs. P</b>
1	<b>Supply of Steel Furniture</b>			
1.0	Steel Almirah Large size 1980 mm H x 910 mm W x 480 mm D complete as per detailed technical specifications of the tender and conforming to IS			

	3312-1984 (latest amended)			
2.0	Steel Almirah small size 1280 mm H x 760 mm W x 430 mm D complete as per detailed technical specifications of the tender and conforming to IS 3312-1984 (latest amended)			
3.0	Steel Almirah Patwari size 914 mm H x 762 mm W x 432 mm D complete as per detailed technical specifications of the tender and conforming to relevant IS			
4.0	Steel Book Case 1675 mm H x 840 mm W x 305 mm D complete as per detailed technical specifications of the tender and conforming to IS 7761-1975 (latest amended)			
5.0	Steel Library Shelves adjustable type of following size :- complete as per detailed technical specifications of the tender and conforming to IS 1883-1983 ( latest amended) i) 1875 mm H x 900 mm W x 400 mm D - Six Shelves			
6.0	Steel Library Shelves adjustable type of following size :- complete as per detailed technical specifications of the tender and			



	conforming to IS 1883-1983 ( latest amended) (ii) 1875 mm H x 900 mm W x 400 m D - Seven Shelves			
7.0	Steel Library Shelves adjustable type of following size :- complete as per detailed technical specifications of the tender and conforming to IS 1883-1983 ( latest amended) (iii) 2400 mm H x 900 mm W x 400 m D - Eight Shelves			
8.0	Steel Library Shelves adjustable type of following size :- complete as per detailed technical specifications of the tender and conforming to IS 1883-1983 ( latest amended) iv) 2400 mm H x 900 mm W x 400 m D - Nine Shelves			
9.0	Steel Table for Office purpose pre-laminated particle board ISI marked complete as per detailed technical specifications of the tender and conforming to IS 3498-1975 (latest amended) and of the following dimensions i) Top 1220 mm L x 710 mm W x 25 mm T Frame 1020 mm L x 550mm W x 735 mm H (Weight Excluding Top)			

10.0	Steel Table for Office purpose pre-laminated particle board ISI marked complete as per detailed technical specifications of the tender and conforming to IS 3498-1975 (latest amended) and of the following dimensions ii) Top 1370 mm L x 760 mm W x 25 mm T Frame 1170 mm L x 560 mm W x 735 mm H (Weight Excluding Top)			
11.0	Steel Table for Office purpose pre-laminated particle board ISI marked complete as per detailed technical specifications of the tender and conforming to IS 3498-1975 (latest amended) and of the following dimensions iii) Top 1500 mm L x 900 mm W x 25 mm T Frame 1170 mm L x 560 mm W x 735 mm H (Weight Excluding Top)			
12.0	<b>Steel Table for school purpose</b> size 800 mm L x 525 mm W x 760 mm H complete as per detailed technical specification of the tender			
13.0	<b>Student Steel table</b> size 600 mm L x 450 mm W x 750 mm H complete as per detailed technical specification of the tender			

14.0	<b>Steel side racks</b> adjustable type size 710 mm H x 900 mm W x 375 mm D complete as per detailed technical specifications of the tender and conforming to IS 3761-1983 ( latest amended)			
15.0	<b>Steel Tubular Chair</b> with plastic caned seat back , teak wood frame complete as per detailed technical specifications of the tender and conforming to relevant IS specifications a) Chair with continuous arm rest 900x450x450 mm			
16.0	<b>Steel Tubular Chair</b> with plastic caned seat back , teak wood frame complete as per detailed technical specifications of the tender and conforming to relevant IS specifications b) Chair with over hanging arms 900x450x450 mm			
17.0	<b>Steel Tubular Chair</b> with plastic caned seat back , teak wood frame complete as per detailed technical specifications of the tender and conforming to relevant IS specifications (c) Chair without arm 900x450x450 mm			
18.0	<b>Nesting Tubular Chair</b> 800 mm x 450 mm x 400 mm complete as per detailed technical specifications of the tender and conforming to relevant IS.			
19.0	<b>Steel Stools</b> size 300 mm L x 300 mm W x 460 mm H as per detailed technical specification of the tender			

20.0	Steel Cash Box size:- complete as per detailed technical specification of the tender and conforming to IS 1046-1992 (latest amended) i) 355 mm L x 225 mm W x 150 mm D			
21.0	Steel Cash Box size:- complete as per detailed technical specification of the tender and conforming to IS 1046-1992 (latest amended) ii) 455 mm L x 300 mm W x 225 mm D			
22.0	Steel Iron Safe Size 670 mm H x 530 mm W x 530 mm D:- complete as per detailed technical specification of the tender and conforming to IS 550-1991 latest amended.			
23.0	Steel Cot (Bed) size:-1820 mm L x 910 mm W x 450 mm H as per detailed technical specifications and drawing of the tender with ISI Mark Water proof Ply exterior grade of 12 mm thick . Ply wood shall conform to IS 303-1975 (Latest amended )			
24.0	Steel Cot (Bed) Folding IS 1161- 2014 (re affirmend 2019) (Revising V) frame and leg 33.7 MM out side dia and 2.60 mm thickness the steel tube used			

	in link arm shall be 21.3 mm in outside diameter and 2mm wall thickness			
25.0	Galvanized Steel Bucket for general use of following nominal size and capacity. complete as per detailed technical specification of the tender and conforming to IS 726 (1982) latest amended. i) Top Dia 325 mm Depth 300mm, capacity – 18 litre			
26.0	Galvanized Steel Bucket for general use of following nominal size and capacity. complete as per detailed technical specification of the tender and conforming to IS 726 (1982) latest amended. ii) Top Dia 350 mm Depth 325 mm, capacity – 23 litre			
27.0	Steel Trunk complete made out of 0.63 mm GI Sheet conforming to IS 7257-1973 ( latest amended) as per detailed technical specifications of the tender and following sizes:-i) 1820 mm x 910 mm x 910 mm			
28.0	Steel Trunk complete made out of 0.63 mm GI Sheet conforming to IS 7257-1973 ( latest amended) as per detailed technical specifications of the			

	tender and following sizes:-ii) 890 mm x 460 mm x 460 mm			
29.0	Steel Trunk complete made out of 0.63 mm GI Sheet conforming to IS 7257-1973 ( latest amended) as per detailed technical specifications of the tender and following sizes:-iii) 800 mm x 500 mm x 350 mm			
30.0	Steel Trunk complete made out of 0.63 mm GI Sheet conforming to IS 7257-1973 ( latest amended) as per detailed technical specifications of the tender and following sizes:-iv) 800 mm x 450 mm x 450 mm			
31.0	Steel Trunk complete made out of 0.63 mm GI Sheet conforming to IS 7257-1973 ( latest amended) as per detailed technical specifications of the tender and following sizes:-v) 700 mm x 450 mm x 250 mm			
32.0	Steel Trunk complete made out of 0.63 mm GI Sheet conforming to IS 7257-1973 ( latest amended) as per detailed technical specifications of the tender and following sizes:-vi) 800 mm x 500mm x 310 mm x (56 mm width)			
33.0	Waiting Bench (Three Seater) IS 513-1973 (Length			

	1765 mm x breadth 710 mm x height 775 mm)			
34.0	Waiting Bench (Three Seater) IS 513-1973 (Length 1450 mm x breadth 600 mm x height 775 mm)			
35.0	Steel Dual Desk (Table and Bench) (Table 1050 mmx breadth 450 mm x height 750 mm) (Bench length 1050 mm x breadth 300 mm x height 450 mm )			
36.0	Steel Dual Desk (Table and Bench) (Table 1050 mmx breadth 400 mm x height 750 mm) (Bench length 1050 mm x breadth 300 mm x height 900 mm )			
37.0	Visitor Chair (arm length 200 mm x arm width 25 mm x backrest height for seats 480 mm, backrest width 450 mm, floor surface height 455 mm, seat width 460 mm , seat depth 480 mm )			
38.0	Steel Revolving Chairs (Seat size 47.0 cm (W) x 51.5 cm (d) back size 45.0 cm (w) x 65.3 cm (h) IS 7888			
39.0	Steel Revolving Chairs (Seat size 51.8 cm (W) x 49.7 cm (d) back size 47.9 cm (w) x 86.5 cm (h) IS 7888			