

THE RAJASTHAN SMALL INDUSTRIES CORPORATION LTD.
(A Government of Rajasthan Undertaking)
Udyog Bhawan, Tilak Marg, C-Scheme,
Jaipur-302005
Phone: 0141-2227267 Fax: 0141-5115766
website: www. rajsico.gov.in e-mail: rajsico@ rajasthan.gov.in

Short Term e-Tender for supply of
Steel Furniture Items
(Two Bid System)
Tender Form Cost Rs.1000/- for SSI Units only (Non refundable)
RISL Processing Fees: Rs. 1000/-(Non refundable)
Earnest Money Deposited: Rs. 10,000/-(Refundable)

| S.No. | Schedule | Date | Time |
|-------|--|----------------|------------|
| 1. | Publishing Date | 18.3.2014 | 16.00 |
| 2. | Document Download Start Date | 18.3.2014 | 16.00 |
| 3. | Document Download End Date | 15.4.2014 | 11.00 |
| 4. | Bid Submission Start Date | 18.3.2014 | 16.00 |
| 5. | Bid Submission End Date | 15.4.2014 | 14.00 |
| 6. | Bid Opening Date | 15.4.2014 | 15.00 |
| 7. | Submission of Demand Draft/Banker Cheque of Tender Cost(including processing Fees) and Earnest Money | Upto 15.4.2014 | till 14.00 |

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**e-Tender Notice published in Rastradoot and
Punjab Kesri on 15.3.2014**



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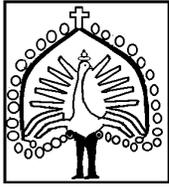
Short Term E-tender BID Invitation Notice
***SUPPLY ANGLE IRON POST, STEEL FURNITURE ITEM, STEEL BODY COOLER,
POLYTHENE BAGS, BARBED WIRE AND TENT & TARPAULINES***

*RSIC is again inviting online competitive BIDS from SSI Units who are registered from Industries Department, Govt. of Rajasthan for supply of **Angle Iron Post, Steel Furniture Item, Steel Body Desert Cooler, Polythene Bags, Barbed Wire And Tent & Tarpaulins** to the Govt. of Rajasthan Departments, PSUs, etc. rate contract for the period of one year. The Tender/Bid shall only be submitted through online tendering system of **www.eproc.rajasthan.gov.in**. The interested bidders shall have to be enrolled/registered with portal of **www.eproc.rajasthan.gov.in** for participating in the Bidding process. Last date of submission of online bids is 15.4.2014.*

*For further details visit our website: **www.rajsico.gov.in** or contact: Dy.Jr.Manager(Mktg.) on 0141-2227267 Ext. 22*

Terms & Conditions

- (i) The Tender Document is not transferable under any circumstances.
- (ii) Tender shall be submitted online only through **www.eproc.rajasthan.gov.in**
- (iii) No physical/offline Tender/bid shall be accepted
- (iv) The Earnest Money ,Tender cost shall be in the form of Demand Draft / Banker Cheque of Scheduled Bank drawn in favour of "The Rajasthan Small Industries Corporation Ltd.". payable at jaipur and Processing fees shall be in form of Demand Draft/Banker Cheque of Scheduled Bank drawn in favour of MD,RISL payable at Jaipur shall be submitted in the office of the Dy.Jr.Manager(Mktg.), Udyog Bhawan, Tilak Marg, C-Scheme, Jaipur upto schedule date and time.
- (v) The Corporation reserve right to cancel the BID without assigning any reason to the Bidder or anyone else.
- (vi) The Service Tax & other taxes payable if any, under the contract shall be paid by the Bidder
- (vii) Conditional tenders and casual letters sent by the contractors will not be accepted.
- (viii) Bidders are requested to read the instruction in the Technical Document/Bid before submitting the Tender/BID online.
- (ix) The above terms & conditions of the Bids may also be seen on RSIC website **www.rajsico.gov.in**. alongwith the BID invitation Notice.



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INSTRUCTION TO BIDDER

01 INSTRUCTIONS TO THE TENDERERS.

The RSIC Limited is a Government of Rajasthan 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.

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.rajsthan.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 Singature 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 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 Cheuqe 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:-

(A) TECHNICAL COVER

(a) In the Fee Cover(in PDF/jpg format)

- 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 Cheque for Processing Fees in favour of MD,RISL payable at Jaipur

(b) In the Technical document cover (in PDF/jpg format)

Scanned copy (signed & sealed) of the Technical Bid (Page No. 6 to 14) along with the following supporting papers(except BOQ Sheet) for evaluation of Technical Bids

1. Attested copy of SSI permanent Registration Certificate of Industries Department / Acknowledgement of Entrepreneurial Memorandum Part-II by the DIC of Steel Furniture Items.
2. Appendix ‘D’ regarding Acknowledgement of Entrepreneurial Memorandum Part-II.
3. Attested copy of latest VAT 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. Details of equipment, vehicles and machinery owned and possessed on date of submission of the tender.
8. Evidence of the authority of the person signing this proposal to bind Tenderer to the proposal and to any contract resulting there from.
9. Affidavit regarding compliance to Terms & Condition of Tender (Annexure ‘E’)

2.8 Tenderer have to participate in all the items mentioned in BoQ “Seclude 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:-** 90 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 entring 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.

Special Note:

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.



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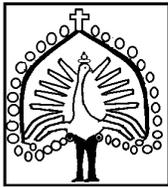
Phone: 0141-2227267 Fax: 0141-5115766

Website www.rajsico.gov.in E-mail rajsico@rajasthan.gov.in

TECHNICAL BID

CHECK LIST

| S.No. | Particulars | Enclosed(Yes/No) |
|-------|--|------------------|
| 1. | Attested copy of SSI permanent Registration Certificate of Industries Department / Acknowledgement of Entrepreneurial Memorandum Part-II by the DIC of Angle Iron Post | |
| 2. | Appendix 'D' regarding Acknowledgement of Entrepreneurial Memorandum Part-II | |
| 3. | Attested copy of latest VAT 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. | Details of equipment, vehicles and machinery owned and possessed on date of submission of the tender. | |
| 8. | Evidence of the authority of the person signing this proposal to bind Tenderer to the proposal and to any contract resulting there from. | |
| 9. | Affidavit regarding compliance to Terms & Condition of Tender (Annexure 'E') | |



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Website www.rajsico.gov.in E-mail rajsico@rajasthan.gov.in

e-TENDER FORM FOR STEEL FURNITURE ITEMS

e-Tender Notice No. 06/2013-14

Earnest Money: Rs.10, 000/-

1. Name of the Firm _____
 2. Telephone No. (Off.)_____ (Res.)_____
 3. Office Address of the Firm _____

 4. Address of the SSI Unit as per Permanent Regd. Certificate of the Industries Department _____

 5. 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) **In case of Company**
- i) Regd. No. of the Company _____
- ii) Name and Address of the Directors of the Company _____
 (Attach separate sheet if space is insufficient)
- 6) **BANK DETAILS OF TENDERER** _____
- Banker's Name with Branch _____
- Account Type _____
- Account Number _____
- 7) SSI Permanent Regd. Certificate No. issued by _____
- _____
- (Enclose an attested photocopy of the same)
- 8) VAT Nos. _____
- _____
- 9) PAN No. of the Tenderer _____
- (Enclose a certified copy of the same)
- * E.M. D. of RS. 10000/- deposited vide CR No. _____ dated _____ Pay order No. _____ dated _____ drawn on _____.
- (Name of Bank & Branch).
 *(To be filled by the Office)

Signature of the Tenderer with Seal
 (Name: -----)
 (Designation -----)

*Attach separate sheet for details, where required.

*In case of authorized representative signing this document enclose copy of the Authority letter.

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.

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.

APPENDIX – ‘C’

(To be furnished on Rs.10/- non-judicial stamp paper)

UNDERTAKING

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

| Item | Annual qty. (in Nos.) | Capacity (in value) |
|-------------|----------------------------------|--------------------------------|
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| | | |

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.

Attested by Notary Public

Signature of Tenderer with Seal

FORMAT OF AFFIDAVIT
(on non judicial stamp paper of Rs. 10/-)

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 full 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 atProprietor/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

Affidavit regarding compliance to Terms & Condition of Tender
(On Rs.10/- non judicial stamp paper)

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 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 have not been banned by any Government Department of the State / PSU from business dealings.

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

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 Tenderer who are manufacturers of items quoted in the Tender form and permanently registered as such with Industries Department Govt. of Rajasthan be eligible to participate in this tender.

- 5) i) A manufacturer who is not registered under the VAT Act prevalent in the State where his business is located will not be eligible.
- ii) latest VAT Clearance Certificate issued by the competent authority must be submitted without which the tender is liable to rejection.
- 6) Tender will have to submit a latest VAT Clearance Certificate as and when demanded.
- 7) 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 VAT.
- 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 90 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 one 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 in the prescribed form within the specified time period given by the Corporation.
- ii) 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.
 - iii) 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 despatch intimation and acceptance letter in proper form by the contractor to the Corporation. 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) The approved Tenderer shall offer the stores for inspection at the works prior to despatch
- b) The Inspection of offered stores shall be arranged by the RSIC at the works of approved tenderer by the authorised Inspection Agency or a Committee as may be constituted by the RSIC.
- c) The inspection charges shall be deposited by the Tenderer(s) with the approved inspection agency.
- d) The Unit shall disclose the testing facilities available at his works as per relevant IS and mention the same in the tender.
- e) Inspection of goods may be done by Vigilance Cell of RAJSICO after submission of readiness by the Units and before supply to the Consignee.

13. SUPPLY PERIOD:

- i) In case of placement of huge supply orders, 30 days time shall be given to the tenderer or as determined by RSIC in supply order to arrange for the supplies after placement of firm order of supply.
- ii) The supplier had to supply the goods within 7 to 10 days from the date of Despatch Intimation.
- iii) Time period for completion of supplies shall be the essence of the Contract. 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%

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 authorised 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 specifications 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.
- iii) 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 thereof 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.10,000/- by D.D 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

lumpsum Rs 20,000/- before executing the contract. The amount of EM 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 incase 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

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.S. 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 | Height | Width | Depth | Pedestal Height |
|-------|--------|-------|-------|-----------------|
| | 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 ± 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 ± 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 :

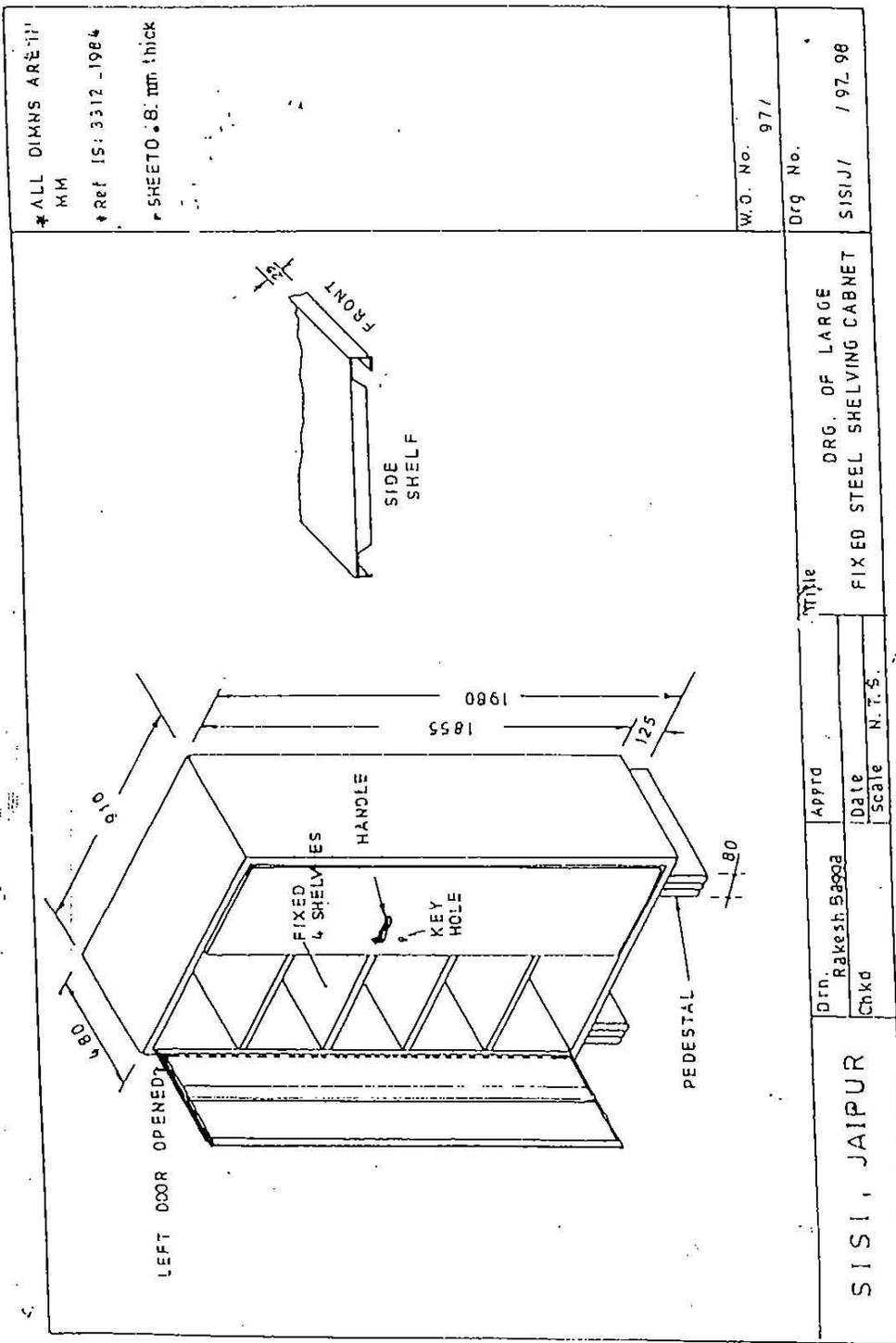
- (a) Finish coat with enamels conforming to IS : 151-1950, IS:2932-1974 or IS:2933-1975 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified temperature in an oven heated uniformly. The finish shall be smooth and uniform with hard tough film of enamel strongly 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.



* ALL DIMNS ARE IN MM
 * Ref IS: 3312 -1984
 * SHEETO 8. mm thick

W.O. No. 97/

Drg No.

SISI/J / 97.98

DRG. OF LARGE
 FIXED STEEL SHELVING CABINET

Title

APPRD

Dtn. Rakesh Bagra
 Chkd

Date

Scale

N.T.S.

SISI, JAIPUR

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.

7/10/98

| | |
|---|---|
| <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.</p> <p>SISIJ / 197-98</p> |
| | |
| <p>DRN</p> <p>CHkd.</p> <p>SISI, JAIPUR</p> | <p>Title</p> <p>Apprd</p> <p>Scale N.T.S.</p> <p>DRG. OF SMALL STEEL FIXED SHELVING CABINET</p> |

**SCHEDULE SHOWING SPECIFICATIONS OF
STEEL ALMIRAH (PATWARI)**

(As per drawing)

S.NO. NAME OF ARTICLE WITH SPECIFICATIONS

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 ± 5 mm will be allowed in overall
dimension of the almirah.

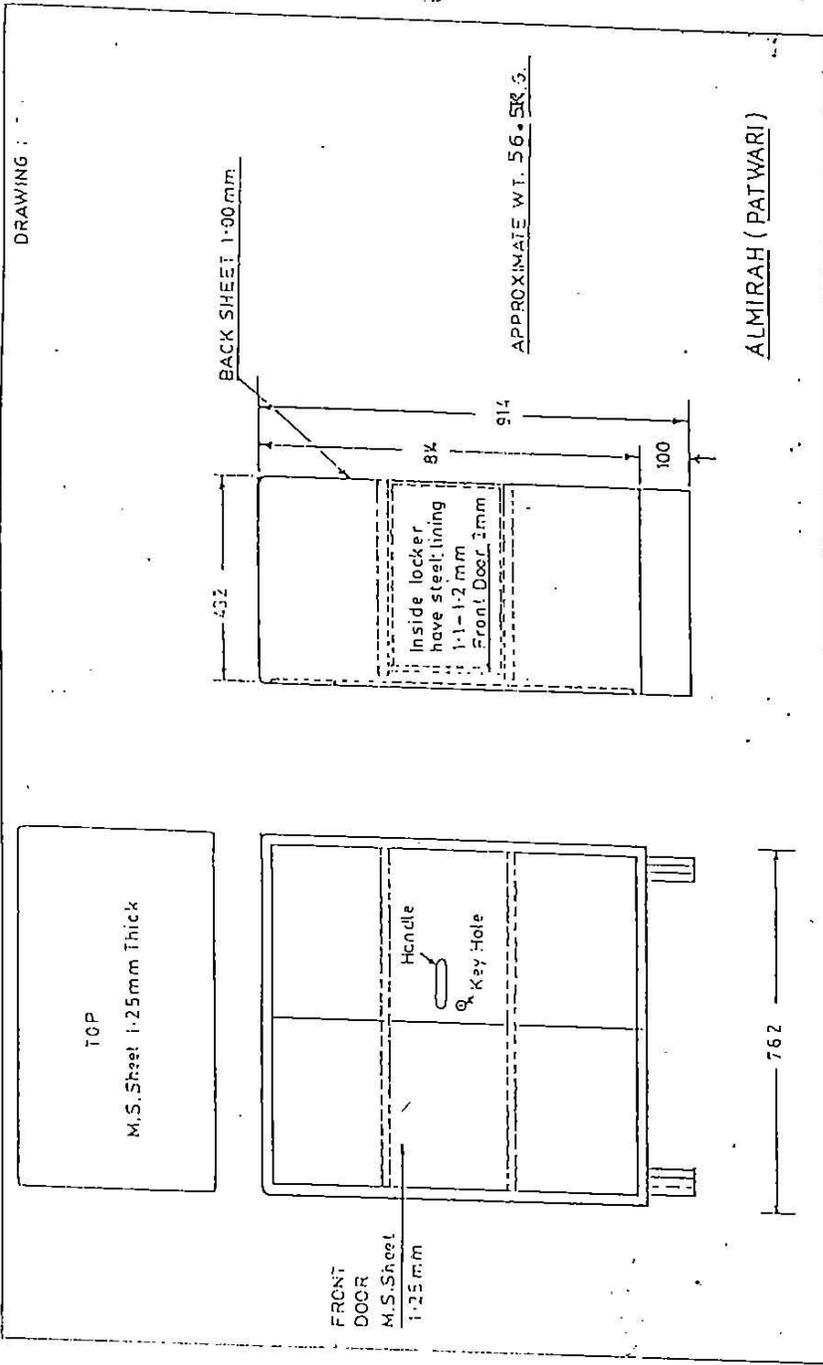
* Approximate weight 56.5 Kgs.

* 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 |
|-------|-------------------------------------|
|-------|-------------------------------------|

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 |

Tolerances- The overall dimensions specified above shall not vary by more than ± 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: 816-1969 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.

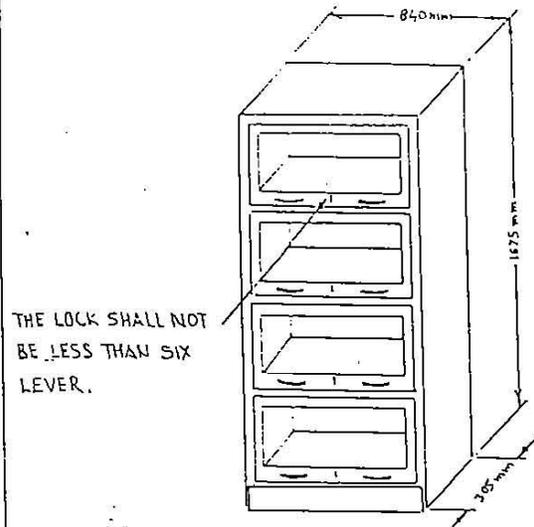
All other components shall be finished in colour as agreed to between the purchaser and the manufacturer.

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: 7761-1975

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
(± 5 mm.)

STEEL BOOK CASE

SCHEDULE SHOWING THE SPECIFICATIONS OF STEEL LIBRARY SHELVES

S.No. Specification As per Drawing

LIBRARY SHELVES :-

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 | 51.125 Kg. |

The overall dimensions specified above shall not vary by more than ± 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: 1883-1983.

(SIGNATURE OF TENDERER)

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

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 prelaminate 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 overlapped 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 suitable 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 :

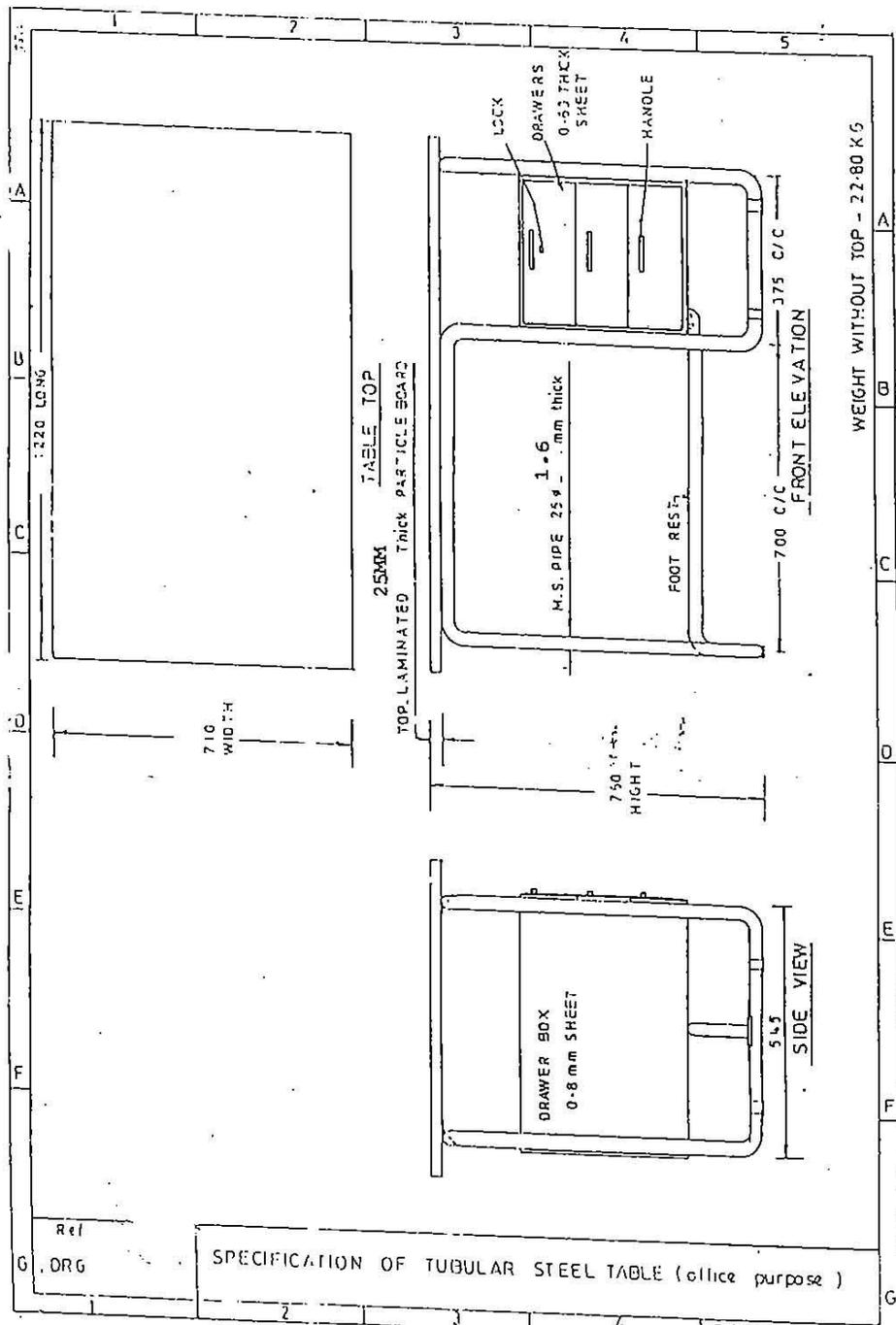
Foot rest shall be minimum of 1.6mm thick metal sheet or tubular pipe of 1.25mm wall thickness & 25mm outside

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 :

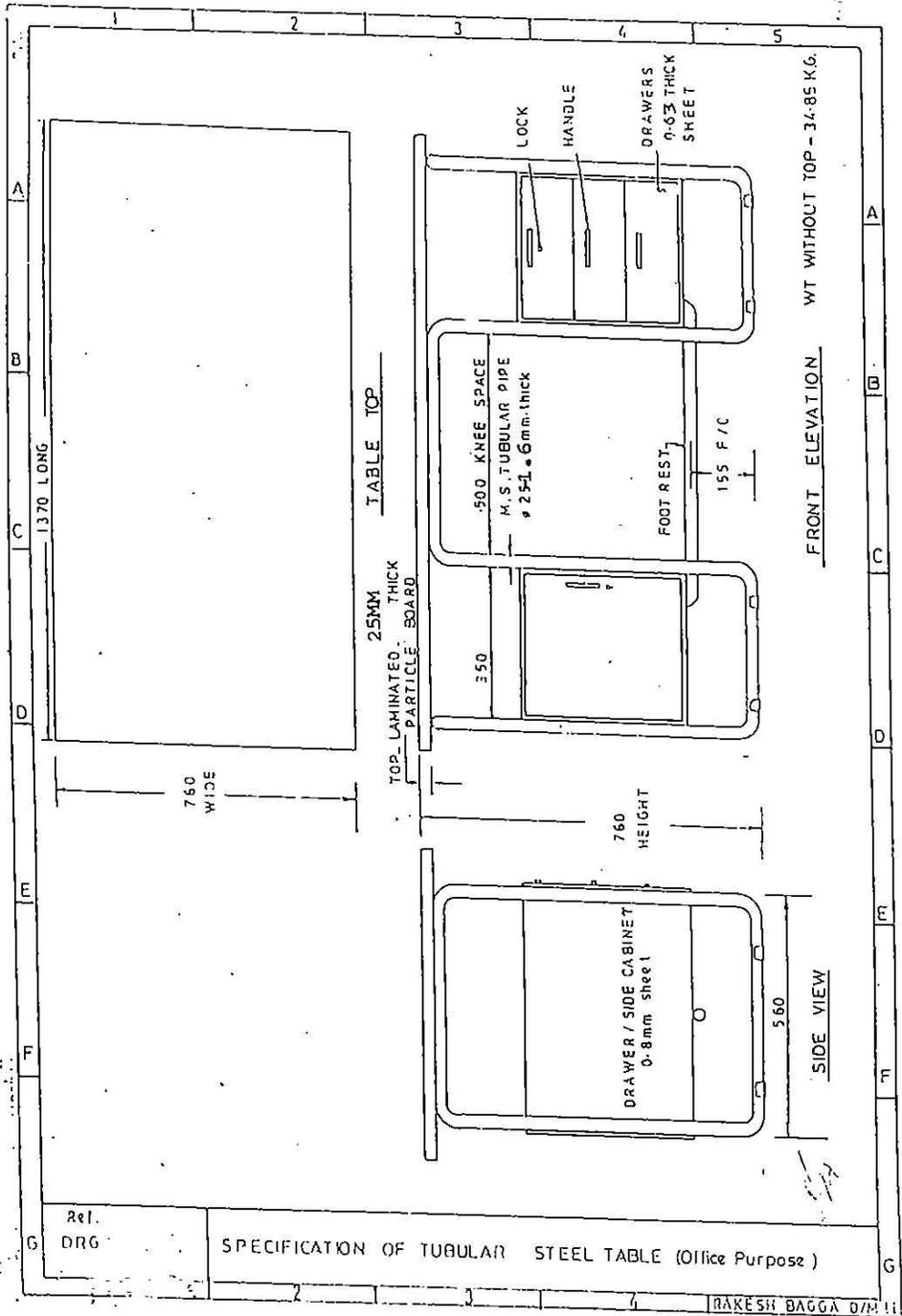
All dents, burrs and sharp edges shall be removed from the various components and they shall be individually pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign element. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961. Immediately 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:

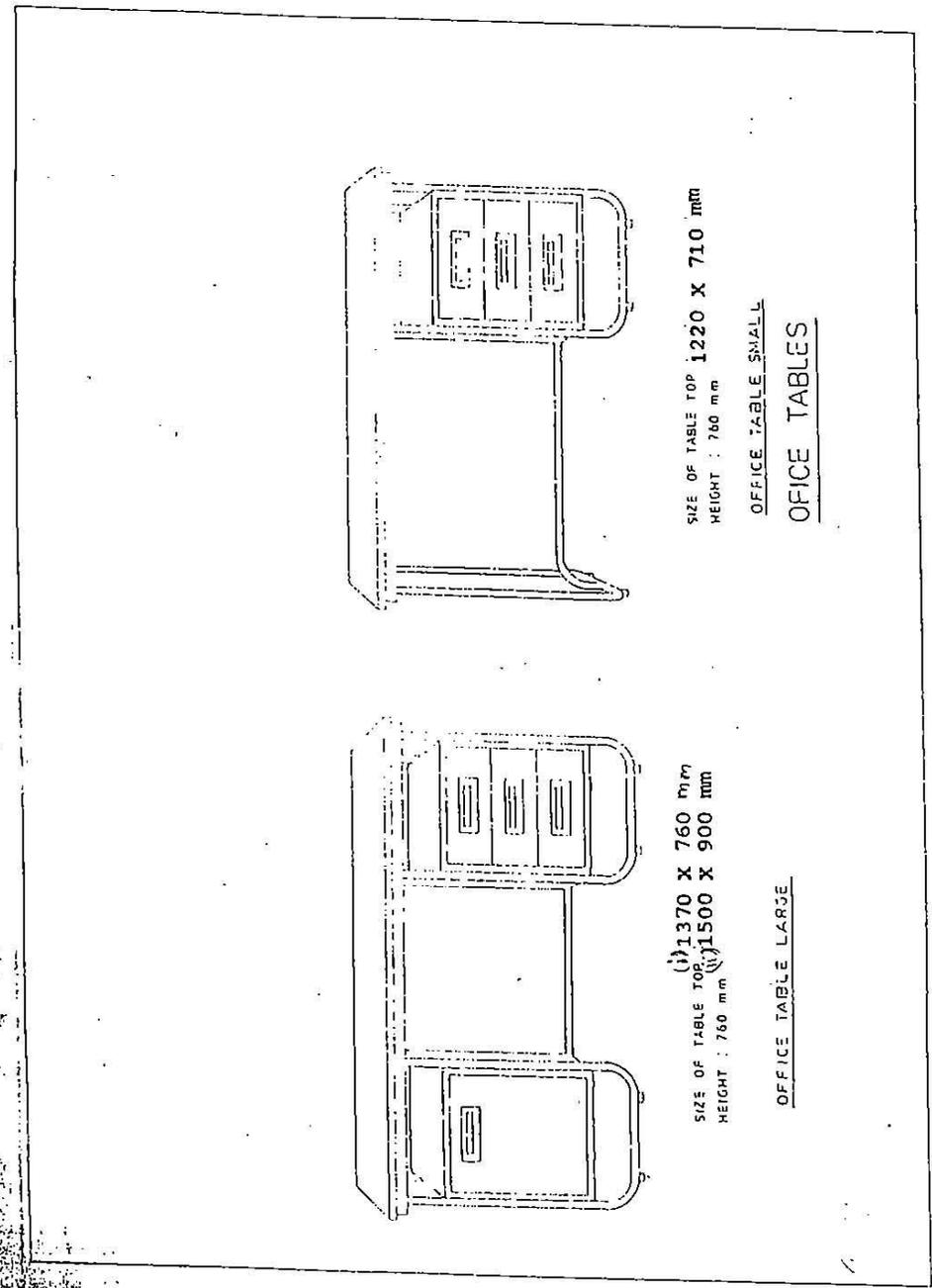
- (a) Finish coat with enamels confirming to IS:151-1950, IS:2937-1974, or IS:2933-1973 and
- (b) In case of stoving enamel the components shall thereafter be baked at a specified teperature in an oven heated uniformly. the finish shall be smooth and uniform with hard tough film of enamel strongly adhering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



Ref
 G.DRG

SPECIFICATION OF TUBULAR STEEL TABLE (office purpose)





SIZE OF TABLE TOP 1370 X 760 mm
 HEIGHT : 760 mm

OFFICE TABLE LARGE

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

OFFICE TABLE SMALL

OFFICE TABLES

QV1EMV7

SCHEDULE SHOWING SPECIFICATION OF STEEL TABLE FOR
SCHOOLS

(As per Drawing)

| S.NO. | SPECIFICATION |
|-------|---------------|
|-------|---------------|

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.S. 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 ± 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.

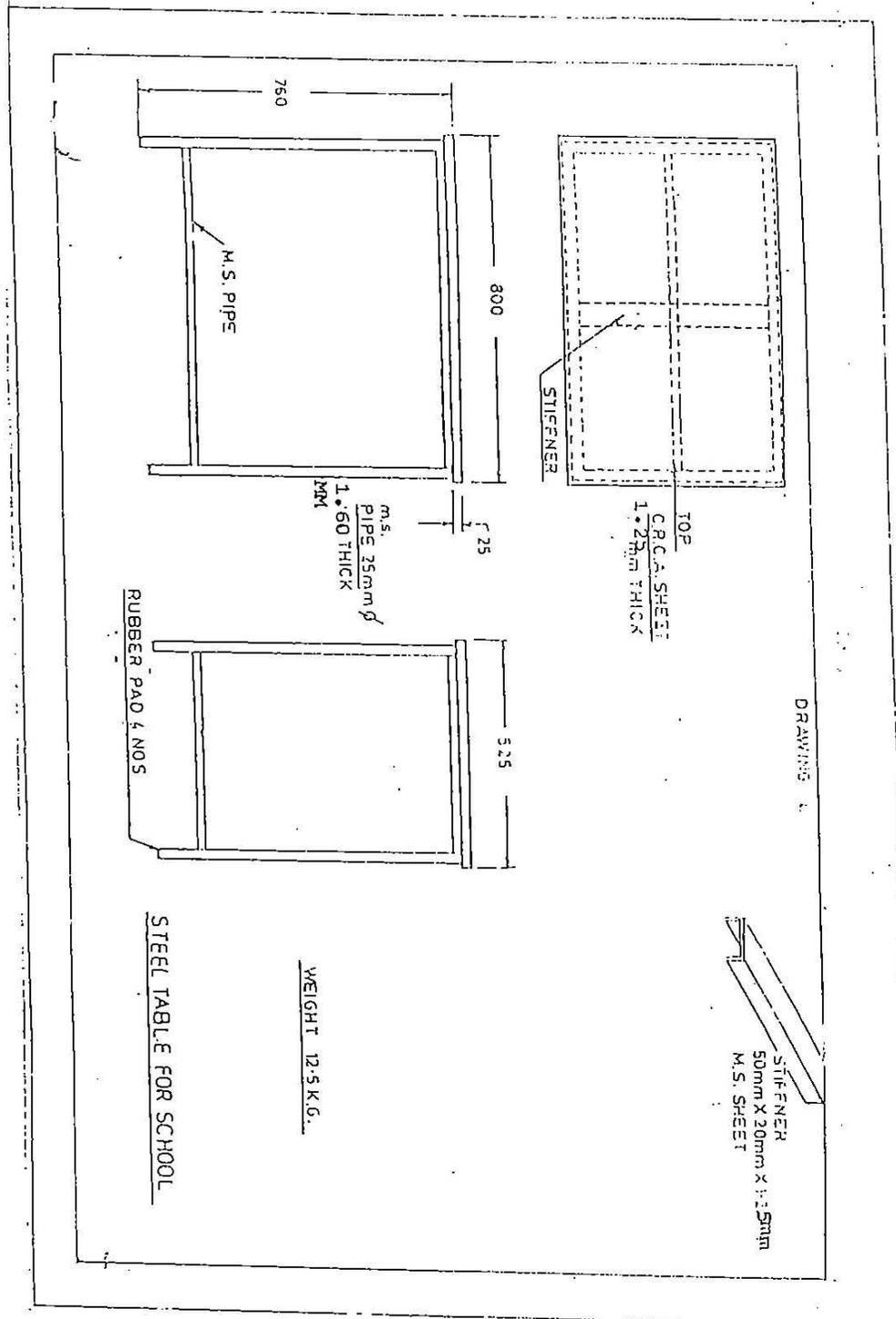
* The actual weight will be determined by inspection agency at the time of approval of Sample(s).

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 |
|-------|-------------------------------------|
|-------|-------------------------------------|

1. Scope :

Fabrication and supply of steel table of size :

Length 600mm x Breadth 450mm x Height 750mm. A tolerance of ± 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 |
|-------|---------------|----------------|
|-------|---------------|----------------|

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 ± 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.*

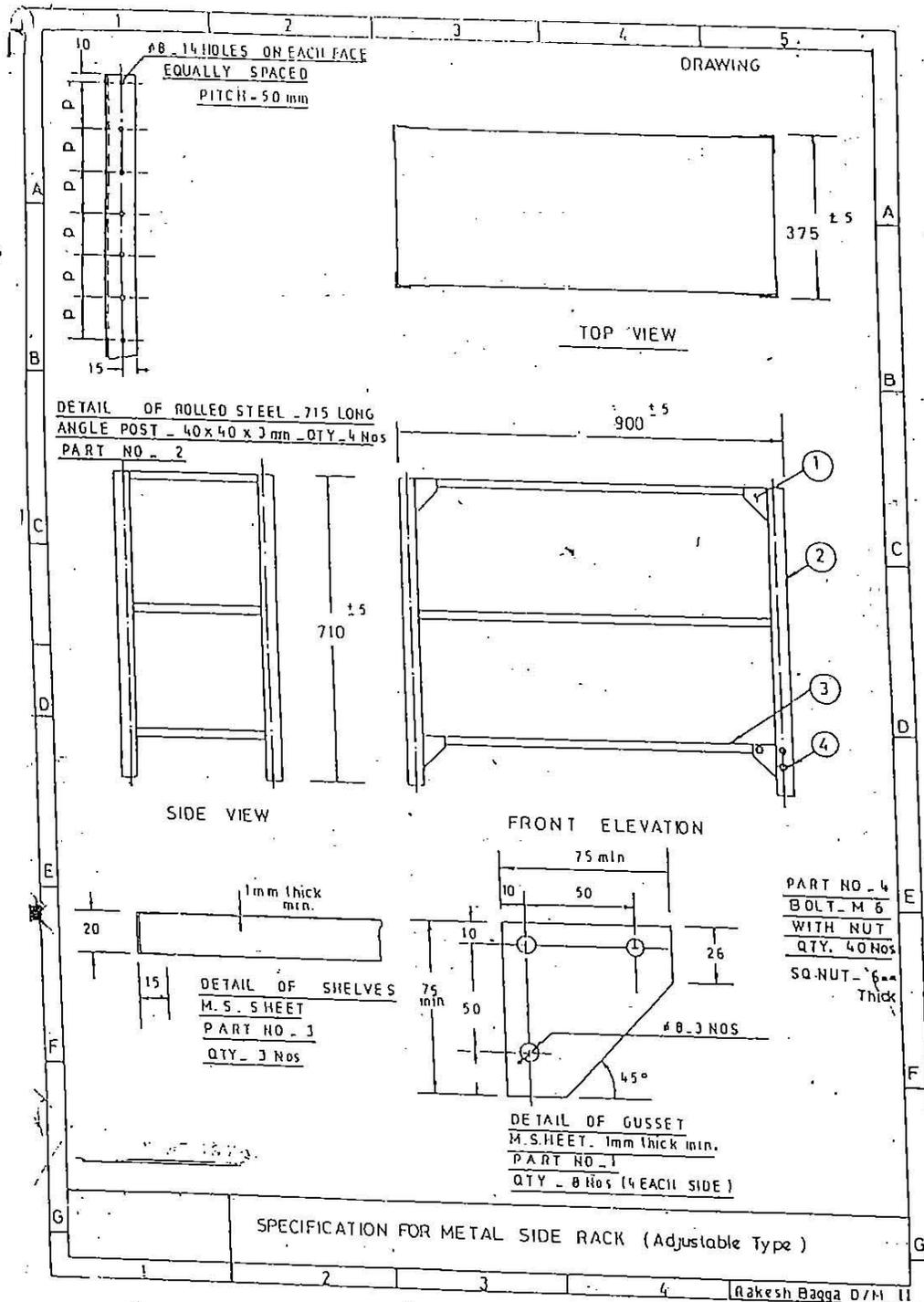
1. Finish : All dents, burns and sharp edges shall be removed from the various components and they shall be individually pickled, scrubbed and rinsed to remove grease, rust, scale or any other foreign elements. Putty shall be applied to all the surface requiring filling and shall conform to IS:426-1961 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 than 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 |
|-------|---------------|----------------|
|-------|---------------|----------------|

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.

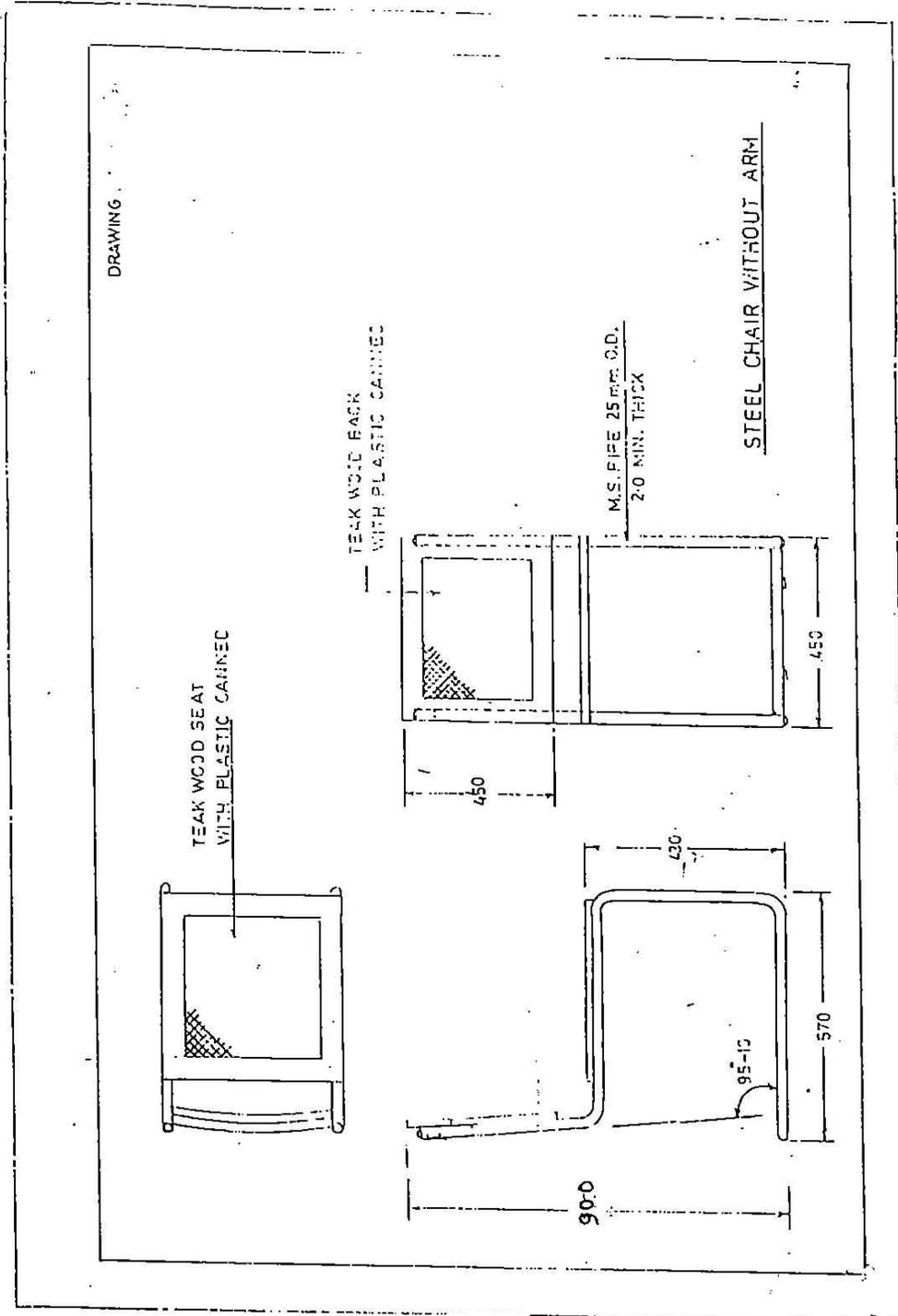
4. **Size/Dimensions:** These shall be as shown below with a tolerance of ± 5 mm (All dimensions in mm) exact otherwise provided in the contract.

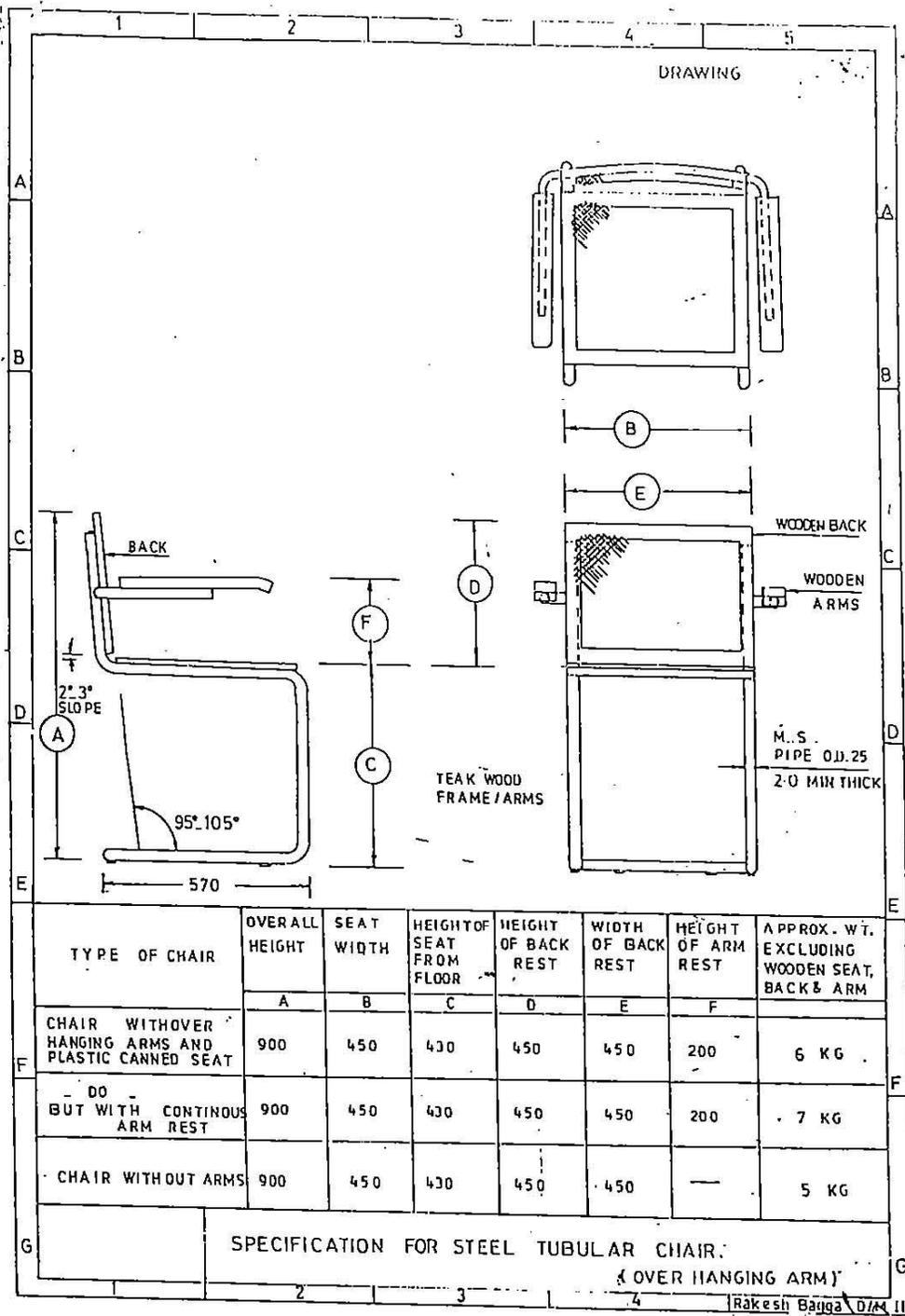
| S.No. | Description | Overall Height | Width of Seat | Height of seat from floor | Height of back rest | Width of back rest | Height of arm rest | Seatslope between | Slope back rest | Approximate weight excluding wooden seat back & arm. |
|-------|-------------|----------------|---------------|---------------------------|---------------------|--------------------|--------------------|-------------------|-----------------|--|
|-------|-------------|----------------|---------------|---------------------------|---------------------|--------------------|--------------------|-------------------|-----------------|--|

| | | | | | | | | | | |
|------|---|-------|-----|-----|-----|-----|-----|---|---------------|-------|
| i) | Chairs with over hanging arms and plastics canned seat teack wood frames. | 900mm | 450 | 430 | 450 | 450 | 200 | 70° to 30° vertical plain or back rest & the horizontal plane of the seat shall be 90° to 105° | Angle between | 6 Kg. |
| ii) | do- but without arms. | 900mm | 450 | 430 | 450 | 450 | 200 | - do - | - do - | 5 Kg. |
| iii) | do- but with continuous arm rests. | 900mm | 450 | 430 | 450 | 450 | 200 | - do - | - do - | 7 Kg. |

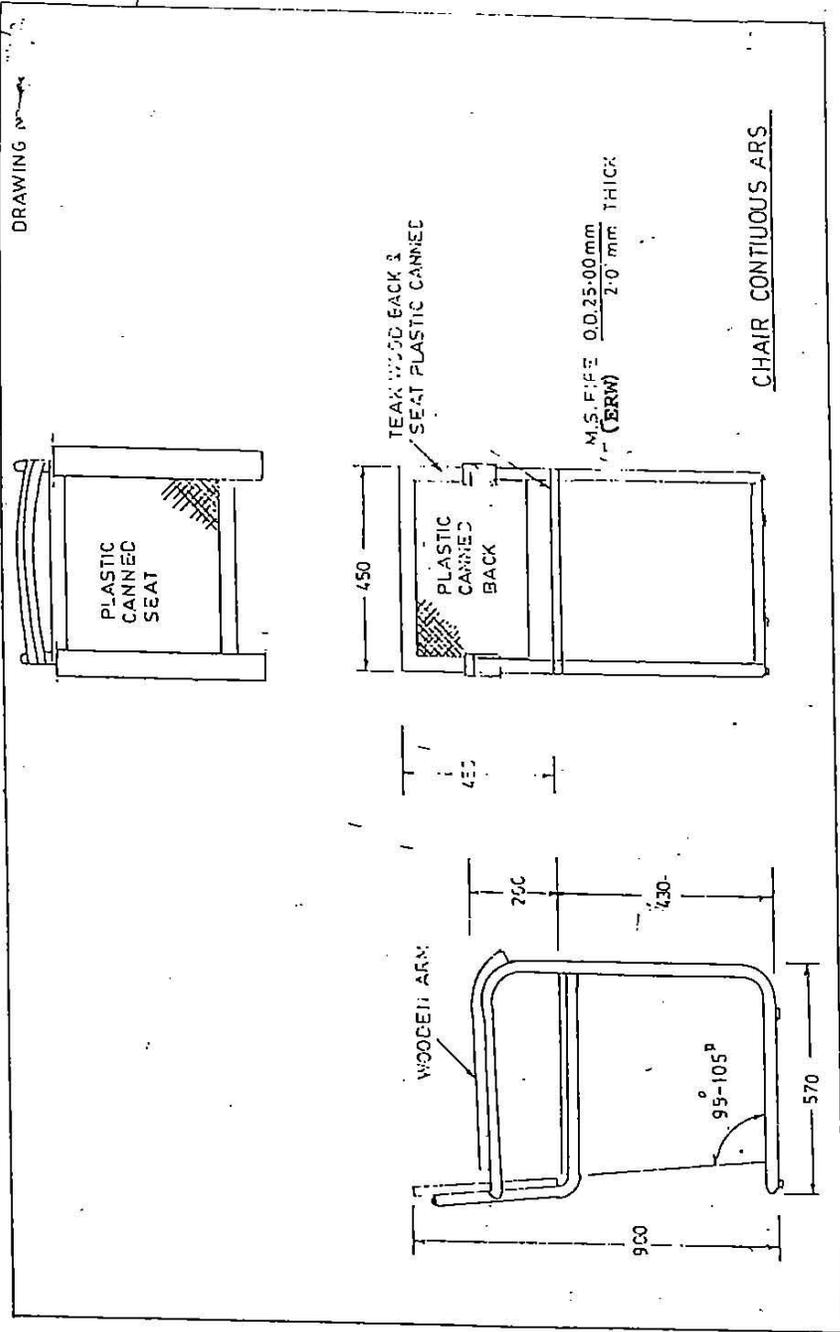
5. Fabricator, Tubular Frame : The frame shall be made from mild steel tubular pipe (ERM) with thickness of not less than 2.00 mm and 25mm outside diameter. This shall be in one piece or may be jointed at one place by insertion of piece of tubular pipe in the joint with out or diameter equal to the inside 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 cot...ms armrest
 - 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.





| TYPE OF CHAIR | OVERALL HEIGHT | SEAT WIDTH | HEIGHT OF SEAT FROM FLOOR | HEIGHT OF BACK REST | WIDTH OF BACK REST | HEIGHT OF ARM REST | APPROX. WT. EXCLUDING WOODEN SEAT, BACK & ARM |
|--|----------------|------------|---------------------------|---------------------|--------------------|--------------------|---|
| | A | B | C | D | E | F | |
| CHAIR WITH OVER HANGING ARMS AND PLASTIC CANNED SEAT | 900 | 450 | 430 | 450 | 450 | 200 | 6 KG |
| DO BUT WITH CONTINUOUS ARM REST | 900 | 450 | 430 | 450 | 450 | 200 | 7 KG |
| CHAIR WITHOUT ARMS | 900 | 450 | 430 | 450 | 450 | — | 5 KG |



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 Frmae : It shallbe 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 shallbe 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 eleminate 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 confortable fitting shape & maximum strength. All components shall be assembled by means of revetting, 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:

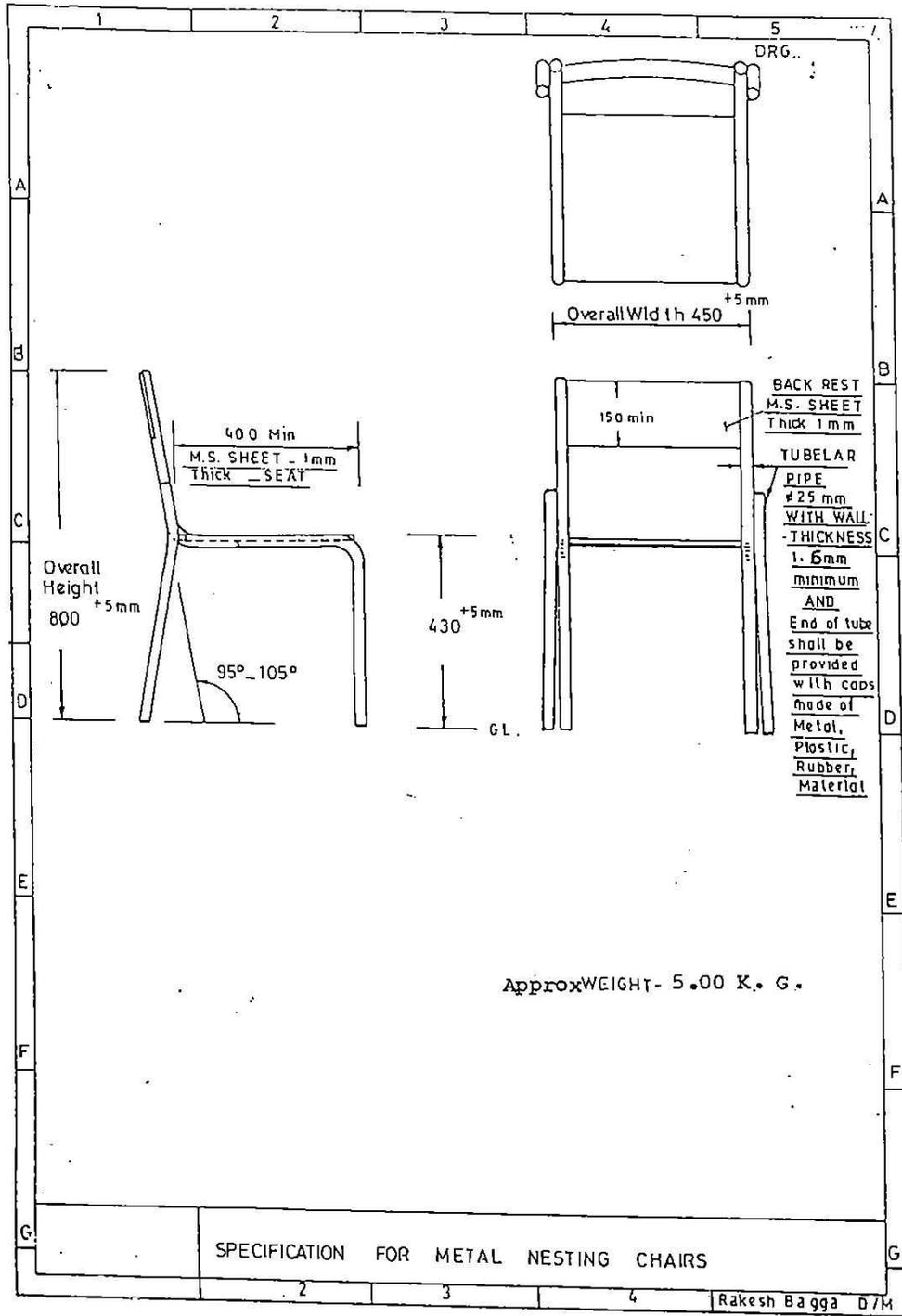
Overall Height 800mm \pm 5mm, overall width 450mm \pm 5mm.

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)



201

SCHEDULE SHOWING SPECIFICATIONS OF STEEL STOOL

S.No. Specification

As per Drawing

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.

S.No. Specification

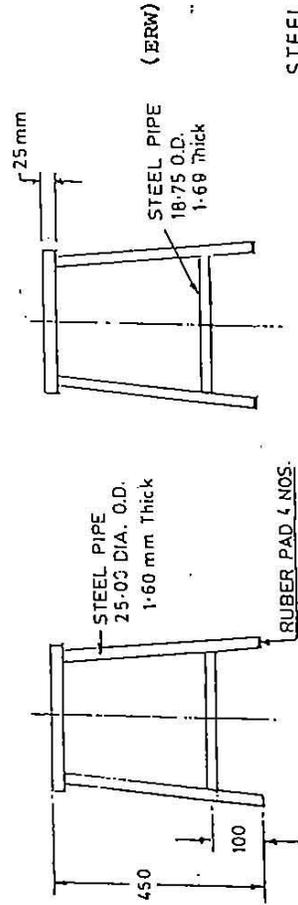
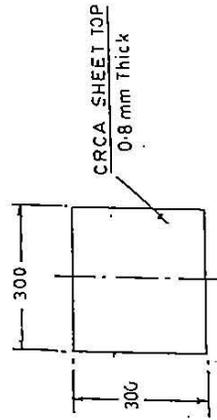
As per Drawing

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 |
|-------|----------------|
|-------|----------------|

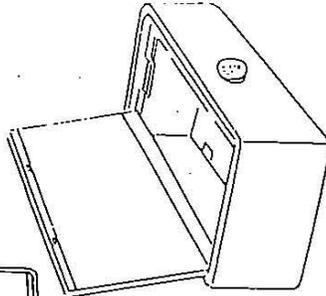
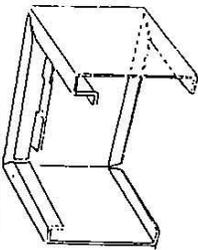
1. Cash boxes shall be made out of 2mm thick M.S. sheets of following nominal sizes :

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

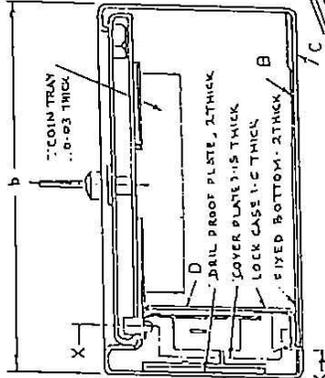
Having two compartments complete with lid safe locking system and the entire unit approved weighing 12 Kg.* The interior as well as exterior surface shall be provided with 3 coats of synthetic enamel so as to provide a smooth and glossy finish free from burrs or other visible defects. the lock provided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

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

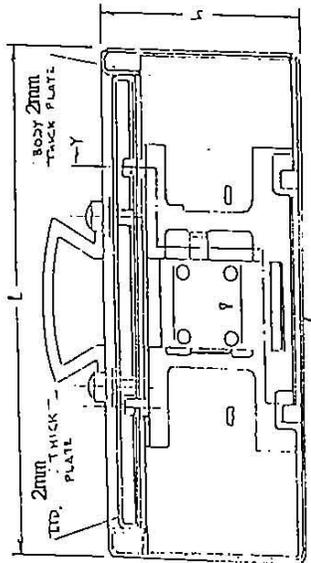
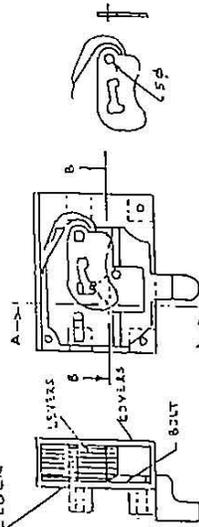
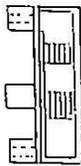
SECTIONAL PERSPECTIVE OF BODY SHOWING BEND CONSTRUCTION



CASH BOX WITH LID OPEN



SECTION Y Y



SECTION X X

| NOMINAL SIZE | $l \pm 2.5$ | $b \pm 2.5$ | $h \pm 2.5$ |
|--------------|-------------|-------------|-------------|
| 1 | 355 | 225 | 150 |
| 2 | 455 | 300 | 235 |

DETAILS & LEADING DIMENSION CASH BOX

CASH BOX

DRG.

SCHEDULE SHOWING SPECIFICATIONS STEEL IRON SAFE

S.No. Specification

As per Drawing

1. Safe Burglary 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 dimensions 670mm x 530mm x 530mm. The overall dimensions specified above shall not vary as per provision of relevant ISS.
4. Single door.
5. Body Construction of 16 bends.
6. Dimensions:
 - (a) Inside dimensions 560mm x 520 mm x 365 mm subject to a tolerance as per provisions of relevant ISS.
 - (b) Non fire resisting 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 |
|-------|---------------|----------------|
|-------|---------------|----------------|

- (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.

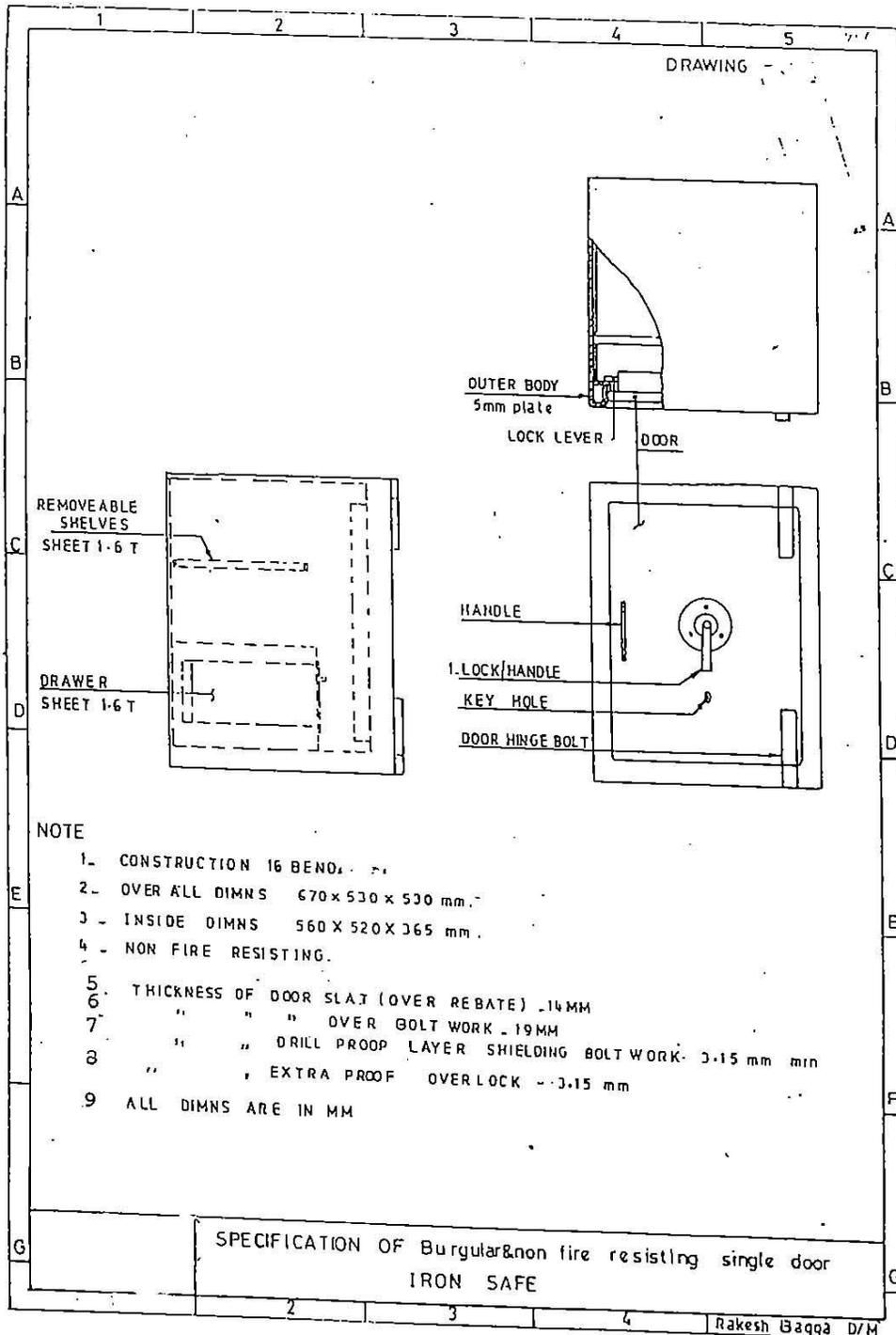
Finish All dents, burrs, and sharp edges shall be removed from the various components and they shall be individual picked scrubbed and rinsed to remove grease, rust, scalp or any other foreign element. Putty shall be applied to all the surfaces requiring filling and shall conform to IS: 426-1961 immediately 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.

S.No. Specification

As per Drawing

- (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 baked at a specified temperature in an oven heated uniformly. The finish shallbe smooth and uniform with hard tough film of enamel strongly adhering to the surface. The finish shallbe free from all visible defects and shall not chip when tapped lighly with a dull pointed instrument.

(SIGNATURE OF TENDERER)



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.

Contd..

(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 than 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 G.I. BUCKETS

S.No. Specification As per Drawing

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> |
| | | 325mm | 300mm | 230mm | 3 Kg.* |
| | | ± 5mm | ± 5mm | ± 5mm | |

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 | |

| | |
|-------------------|------------------------------|
| <u>Handle dia</u> | <u>Bottom ring thickness</u> |
| 10mm | 2mm |

Dimensions of Body

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

* 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 |
| ± 3mm | ± 3mm | |

| <u>Handle dia</u> | <u>Bottom ring thickness</u> |
|-------------------|------------------------------|
| 10mm | 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 :-

| <u>Part of the Bucket</u> | <u>Thickness in mm</u> <u>Standard Quality Buckets</u> |
|---------------------------|---|
| Body | 0.63 |
| Bottom | 1.00 |
| Bottom Rings | 1.60 |
| Handle Diameter | 10.00 Min. |
| Ear | 3.15 mm. |

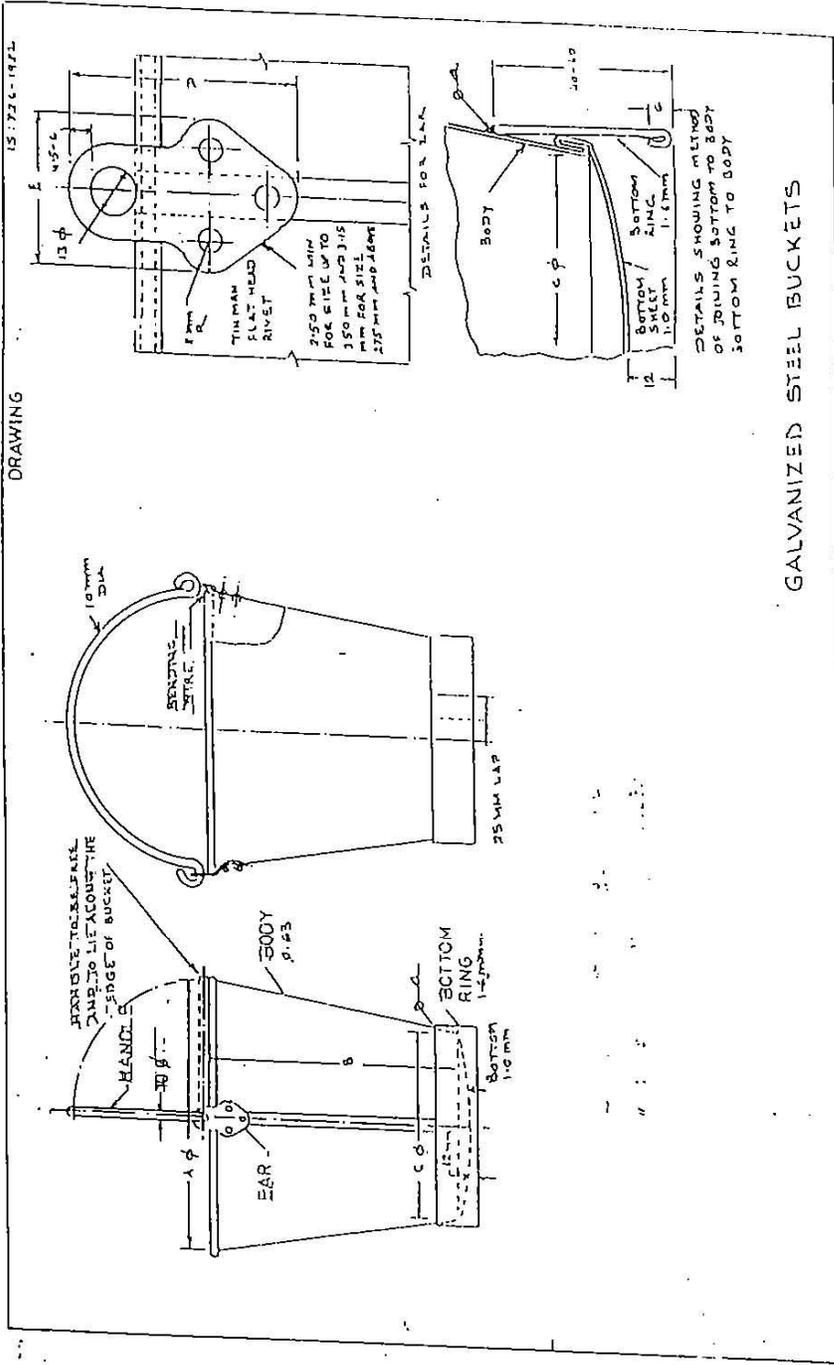
NOTE :-

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.F. 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 gm/cm² (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).



GALVANIZED STEEL BUCKETS

SCHEDULE SHOWING SPECIFICATIONS OF STEEL TRUNKS

S.NO. SPECIFICATIONS

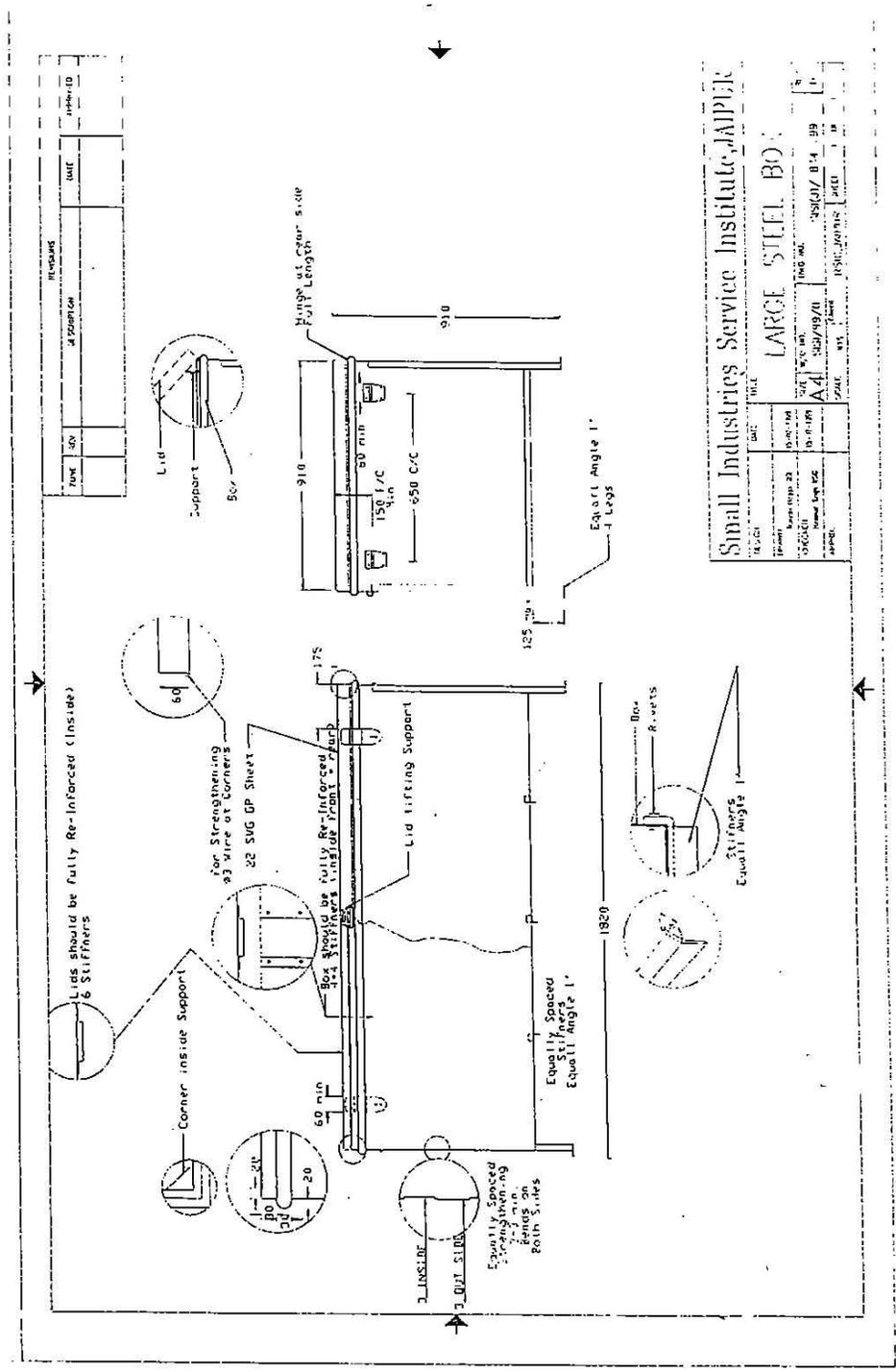
1. Trunks of G.I. Sheets of 0.63 mm thickness conforming to relevant IS specifications complete with fittings of the following sizes.

| <u>Sizes</u> | <u>Approx. Wt.</u> | <u>Kundas & 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 \pm 5 mm.

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



Small Industries Service Institute, AIPIE

LARGE STEEL BOX

| | | | | |
|----------|-------|----------|----------|---------|
| DATE | SCALE | PROJECT | DESIGNER | CHECKER |
| | | | | |
| 10-11-89 | A4 | 10-11-89 | SSJ/DJ | B-14-99 |
| 10-11-89 | | | | |

