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ITER-India, Institute for Plasma Research

Block A, Sangath SKYZ, Bhat- Motera Road, Koteswar, Ahmedabad 380005 Gujarat, India. Ph.No.

: +91-79-23269656/9575 FAX : +91-79-23269591 / 9501

Email : purchase@iter-india.org

ENQUIRY - LOCAL

OFFICE COPY ENQUIRY NO : I-IEN20022
Date : 07/07/2020
Due Date : 28/07/2020 by 5:00 PM (IST)

We invite your rate/s for the following item/s. The Instructions to bidders and Terms & Conditions are attached herewith.

Important Note :

1. Enquiry No., Date & Due Date should appear on the envelope otherwise your offer will be rejected.
2. Address quotation only to the Purchase officer.
3. ITER-India, IPR is entitled to avail concessional rate of GST @ 5% (2.5% CGST and 2.5% SGST) as per Central Goods and Services Tax (CGST) Notification No. 45/2017-Central Tax (Rate) dated 14th November, 2017, State Goods and Services Tax (SGST) Notification No. 45/2017 – State Tax (Rate) dated 15th November, 2017 and IGST @5% as per Notification No. 47/2017-Integrated Tax (Rate) dated 14th November, 2017. Therefore, please consider GST in your quotation accordingly.

Sr No.	Material Description	Quantity	Unit
1	Fabrication & Assembly of Support Structures involving Aluminium profile sections and SS plates	1	SET

Note :

- (1) Submit your quotation in two part duly signed and stamped in a sealed envelope AT THE ABOVE ADDRESS.
- (2) Any clarification on this enquiry may be sought from the Purchase Officer, ITER-India (purchase@iter-india.org)
- (3) Quote with complete technical details.
- (4) Quotation should invariably be submitted in the attached format (Quotation Format) ONLY else ITER-India may not consider your offer.
- (5) Bids (In two part-Part-A & Part-B) needs to be submitted in hard copy so as to reach ITER-India, IPR on or before due date & time. Refer Section-2 of Part-A(I) for bid submission details.
- (6) Part A (I) : Instructions to bidders & bid submission format is attached (No. of page 8), Part A (II) : Technical Specifications & other Terms & Conditions (No. of pages 7) and Part B Price bid (No. of Pages 3).
- (7) This is a two part tender. price bid of technically qualified bidders only shall be opened by ITER-India. Bidders will not be invited for opening of bids.
- (8) Bidders are requested to filled the Compliance sheet in the Technical specification as per attached Annexure-I and return back along with the enquiry documents (duly signed and stamped). Refer Annexure-I for Technical Specifications, Scope of Supply, drawings and Price Bid.
- (9) Bidder under the category of MSE (Micro & Small Enterprise) for the quoted item shall attach MSE certificate. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible under the policy. Traders are excluded from the purview of this Policy.

Encl:- as above

Rakhi Dharamdasani
OFFICER-I (PURCHASE & STORES)
ITER-India (IPR)

Title	Annexure-I Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates
Sub Title	PART-A (I): Instructions to Bidders and Bid Submission format

ITER-India, Institute for Plasma Research

Block-A, Sangath Skyz, Bhat-Motera Road, Koteswar

Ahmedabad- 380005, Gujarat State, India



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1 Instructions to Bidders

Table 1: Instructions to Bidders

Instructions		
1.1 Tender Notification		
a.	<u>Tender Enquiry Reference Number / Date : I-IEN20022 dated 07-July-2020</u>	
b.	<u>Title /subject: Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates</u>	
c.	<u>Tender Type:</u> Two Part (Technical & Commercial Bid + Price Bid)	
d.	<u>Technical Specification Type :</u> Functional Specification (FS)	
e.	<u>Tender Issued by:</u> ITER-India , Institute for Plasma Research, Block-A, Sangath Skyz, Bhat- Motera Road, Koteswar, Ahmedabad- 380005, Gujarat State, India	
1.2 Single Point of Contact for the Tender		
All communications related to this tender must be sent to the following Single Point of Contact (SPOC).		
Purchase Officer ITER-India, Institute for Plasma Research Block-A, Sangath Skyz, Bhat- Motera Road, Koteswar, Ahmedabad- 380005, Gujarat State, India E-mail: purchase@iter-india.org Phone: +91-79-23 26 96 56 / Fax: +91-79-23 26 95 01 or +91-79-23 26 95 91		
1.3 List of Tender Documents covering Specifications & Requirements		
a.	Part-A	Part-A (I): Instructions to Bidders and Bid Submission formats
b.		Part-A (II): Scope of Supply, Technical Specifications & Terms and Conditions
c.	Part-B	Part-B: Price Bid format with Instructions
1.4 Bid Submission instructions		
a.	Refer to Section:2 of this document for more details on bid submission envelopes , their formats and their content	
b.	All bids in response to this tender shall be submitted in TWO PART (Part-A & Part-B) in separate envelopes, duly sealed and superscribed with Tender Notice Number, Due Date and Time as per the details provided in Section-2 of this document. An additional Main envelope covering Part-A & Part-B envelopes may be used to submit the bids as described at Section-2 of this document. Part –A bid should not be submitted in form of loose papers.	



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c.	All technical specifications along with commercial terms and conditions (without price) shall be included in Part-A of the bid. Bidder needs to sign & put official seal on each and every page of this enquiry & Part A(I). This will be considered as an acceptance by bidder on tender document. Part-B (Price bid) comprising of price details shall be submitted in a separate envelope
d.	The bidder shall take special care in order not to mix-up price details with the Part-A (Technical and Commercial bid without price) and vice versa, which may lead to rejection of the bid.
e.	If the envelopes are not sealed and not marked as indicated in the tender, then the purchaser will assume no responsibility of pre-mature opening of the bid leading to the consequences such as rejection of bid etc.
f.	A sealed covering envelope, consisting of both the sealed bids shall be submitted to the Purchase Officer, ITER-India on or before the prescribed due date and time.
g.	All envelopes should be clearly superscribed with the tender enquiry reference number, enquiry due date, name of the bid ("Technical Bid" or "Price Bid").
h.	Technical bids will be opened first and evaluated. Only technically qualified bids will be considered for price bid opening.
i.	ITER-India will organize an online Pre-Bid meeting on SKYPE platform/ Microsoft Teams (Tentatively on 17 th July, 2020) to explain the tender requirements and to clarify any queries from the potential bidders. Information regarding the same would be uploaded on ITER-India website in due course of time. Interested bidders may communicate via email to the Purchase Officer, ITER-India for their willingness to participate in online Pre-bid meeting confirmation for participation shall be sent through email on or before 15 th July 2020.
1.5 Mode & Address of Bid Submission	
a.	Sealed bid documents in hard copies shall be sent by any appropriate Post/Courier to the address given below so as to reach positively by the stipulated due date and time. No responsibility will be taken by ITER-India for any postal delay or non-delivery/non-receipt of bid documents. The bidder shall ensure that the bid documents are dispatched well in advance to the due date considering the required safe transit time with a margin.
b.	Sealed bid documents can also be submitted in person , on or before the stipulated due date and time at the following address
c.	Address for Bid Submission: Purchase Officer ITER-India, Institute for Plasma Research Block-A, Sangath Skyz, Bhat- Motera Road Koteshwar, Ahmedabad- 380005 Gujarat State, India Phone: +91-79-23 26 96 56 / Fax: +91-79-23 26 95 01 or +91-79-23 26 95 91
1.6 Due date for bid submission	
a.	The completed bid documents in the prescribed format <u>shall reach/ should be submitted to the</u> Purchase Officer, ITER-India latest by <u>17:00 hrs. (IST) on 28-July-2020</u>



b.	Bidders are requested to prepare and submit their bids well in advance to the due date with due consideration of lead time required for an assured delivery by postal/courier services to avoid potential delays.
c.	ITER-India will not be responsible for any delay or loss of bid documents in transit.
d.	Bids received after the due date and due time (Delayed/Late bids) shall be rejected

2 Bid Submission Envelopes & Content



2.1 Envelope-1: Main Covering Envelope (sealed) containing all parts (Part-A & Part-B)

Envelope-1: Part-A & Part-B	
Tender Notice No: I-IEN20022	Due On- Date: 28-July-2020 Time: 17:00 hrs. (IST)
Title: "Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates"	
To	
The Purchase Officer ITER-India, Institute for Plasma Research Block-A, Sangath Skyz, Bhat- Motera Road, Koteshwar, Ahmedabad- 380005, Gujarat State, India	
From: XXXXX	

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2.1.1 Envelope-1 Contents

Table 2: List of contents for Envelope-1 (Main Envelope containing Part-A and Part-B)

S/N	Content to be included	Detail
1	Sealed Envelope-1.1 	Sealed Envelope Containing PART-A /Technical & Commercial Bid
2	Sealed Envelope-1.2 	Sealed Envelope Containing PART-B /Price Bid

2.2 Sealed Envelope-1.1: Part-A (Technical & Commercial Bid without Price)

ENVELOPE-1.1: PART-A (TECHNICAL & COMMERCIAL BID WITHOUT PRICE)	
Tender Notice No: I-IEN20022	Due On- Date: 28-July-2020 Time: 17:00 hrs. (IST)
Title: "Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates"	
To	
The Purchase Officer ITER-India, Institute for Plasma Research Block-A, Sangath Skyz, Bhat- Motera Road, Koteshwar, Ahmedabad- 380005, Gujarat State, India	
From: XXXXX	

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S/N	Content to be included	Template/Reference	Notes
1	Bidder specifications as per Part-A(II)/Sections: 1 and 2	Part-A (II)/Section: 1, 2 and 2.11	
2	Bidder's compliance as per Part-A(II)/section :2.11		
3	Un-priced bid as per Annexure-A1	Section: 3.1	

2.3 Sealed Envelope-1.2: Part-B (Price Bid)

ENVELOPE-1.2: PART-B (PRICE BID)

Tender Notice No: I-IEN20022

Due On- Date: 28-July-2020 & Time: 17:00 hrs. (IST)

Title: "Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates"

To

The Purchase Officer
ITER-India, Institute for Plasma Research
Block-A, Sangath Skyz, Bhat- Motera Road,
Koteshwar, Ahmedabad- 380005,
Gujarat State, India

From: XXXXX

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2.3.1 Content of Envelope-1.2: Part-B (Price Bid)

Table 3: List of contents for Envelope-1.2 (Part-B: Price Bid)

All pages shall be signed by authorized signatory and stamped				
S/N	Content to be included	Detail	Reference	Use Form/Template
1	Price Bid	Submit price bid in prescribed format. Refer to Part-B document for details.	Part-B	Part-B document / Price Bid templates

3 Annexures

3.1 Annexure-A1: Unpriced Bid format

Table 4: Unpriced bid Format

Sr. No.	Description	Quantity	Unit Price (in INR)	Total Price (in INR)
Fabrication & assembly of Support Structures as per the specifications and drawings				
1	Main Support Structure (Table-1)	1 set		
2	Support Structure-2 (Table-2)	1 set		
3	Support Structure-3 (Table-3)	1 set		
4	Support Structure-4 (Table-4)	1 set		
(In words:) TOTAL PRICE				
To mention HSN Code of the quoted items				

Note:

- Quoted price should be in INR only. Percentage wise cost will not be considered.
- Splitting of Purchase Order is not applicable.
- L1 bidder will be derived based on Total Price plus applicable taxes & duties and any other charges, if applicable.
- In case of deviation in payment terms including demand of advance other than specified in payment schedule and accepted by ITER-India, interest at the rate of Benchmark Prime Lending Rate (BPLR) of SBI prevailing on the date of PART-A opening will be loaded for price comparison purpose.
- Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.
- Unit rate/s should be valid throughout the validity of Purchase Order for addition/deletion purposes. The quoted price should not be subject to price escalation for whatsoever reasons. The quoted price shall be firm, fixed, and non-revisable during the validity/ extended validity of Purchase Order.
- The delivery shall be based on FREE DOOR DELIVERY to Purchaser's site
- The bids shall include cost of loading, transport, transit insurance (against all risks of loss or damage during the transport), unloading and shifting of all the items within Purchaser's site, i.e. 3rd floor (Height 13.725 meter), ECRH Lab, ITER-India Building, IPR, unpacking, assembly & installation,
- Each page of price bid format shall be signed and seal to be put on each page



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Table 5 : Commercial terms, Taxes and Duties

Particulars	Compliance
Delivery Basis: Free Door Delivery to ITER-India site as per the delivery address (refer section 1.8.2)	Yes / No (In case of No, details of deviation to be specified)
Goods and Service Tax - Not to be included in the quoted Price	Yes / No (In case of No, details of deviation to be specified)
Goods and Service Tax - ITER-India, IPR is entitled to avail concessional rate of GST@5% on supply of Items. Refer Sr. No. 3 of Important Note of enquiry documents.	Confirm 5% applicable against exemption certificate from ITER-India, IPR
Committed delivery period – 5 months from the date of Purchase Order	Yes / No (In case of No, details of deviation to be specified)
Bid Validity Period - 120 days from date of opening of technical bid (Part-A)	Yes / No (In case of No, details of deviation to be specified)
Payment Terms- ITER-India Payment terms <ul style="list-style-type: none"> 80% of offer value + 100% applicable Taxes and duties + any other charges (if applicable) against delivery to ITER-India site 20% of offer value after final acceptance by ITER-India 	Yes / No (In case of No, details of deviation to be specified)
Warranty: 1 year warranty for the materials and workmanship from the date of final acceptance	Yes / No (In case of No, details of deviation to be specified)

Bidder Signature		
Name of the signatory& Title	Name	Title
Bidder's Official seal		
Place & Date	Place	DD-MM-YYYY

Title	Annexure-I Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates
Sub Title	PART-A (II): Technical Specifications & Other Terms & Conditions

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Fabrication & Assembly of Support Structures

1 Technical Specifications

1.1 Scope of Supply

Fabrication & assembly of Support Structure assemblies as tabulated below:


S. No.	Name of Item	Quantity	Detailed Specifications
1	Main Support Structure (Table-1)	01 Set	As per attached drawings in Annexure-1
2	Support Structure-2 (Table-2)	01 Set	
3	Support Structure-3 (Table-3)	01 Set	
4	Support Structure-4 (Table-4)	01 Set	

Table 1: List of Items under scope of supply

1.2 Main Scope of Work:

The following list describes some of the main scope of work for the supplier under the contract

- 1.2.1 Supplier to study and review the input design drawings & specifications given by ITER-India (refer annexure-1 for list of attached drawings).
- 1.2.2 It is within the supplier's scope to propose any necessary changes to meet the fabrication requirements.
- 1.2.3 Supplier has to submit the updated fabrication drawings with all necessary details (including the technical specifications of the selected aluminum profiles) to ITER-India for its review and approval.
- 1.2.4 Procurement of all items as per the approved fabrication drawings
- 1.2.5 Supplier to present/submit material test certificates for any of the procured raw materials if requested by ITER-India.
- 1.2.6 Cutting and machining of components as per the approved drawings
- 1.2.7 Aluminium profiles cuttings should be ensured for perfectly perpendicular and SS 304 plate surface planarity requirement is 0.15 mm over 300 mm². Supplier has to make necessary arrangements to demonstrate the planarity such as the height gauge and surface table etc.
- 1.2.8 Supplier has to demonstrate assembly of all structures before dispatch
- 1.2.9 The supplier must perform the necessary assembly and installation of the support structure at ITER-India site.

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1.3 Drawings & Detailed Specifications

1.3.1 Detailed drawings: Detailed drawings (as per annexure 1) consisting of all necessary specifications are attached here with.


1.3.2 Key Specifications for Frame structural element (Al profile):

List of Specifications	Size-1	Size-2
Aluminium Profile Section Size (mm)	90 X 90	60 X 60
Material Grade	Al alloy 6063 T6	Al alloy 6063 T6
Area moment of Inertia	$I_x, I_y \geq 186 \text{ mm}^4$	$I_x, I_y \geq 50 \text{ mm}^4$
Linear Mass density	$\geq 6 \text{ Kg/m}$	$\geq 3.9 \text{ Kg/m}$
Approximate length involved *	95 m	20 m
Other specifications	As per drawings	As per drawings
<p>* For exact length please refer to drawings (annexure-1). In case of any discrepancy the length shown in drawings shall prevail.</p> <p>Note 1: In case of non-availability of 90X90 Aluminium profile (Size-1), alternatively 80X80 or 100X100 can be proposed subject to condition that, the section meets above mentioned Area moment of inertia and linear mass density. Accordingly the drawings need to be updated as a part of fabrication drawings submission to ITER-India.</p>		

Table 2: Key Specifications for Al Profile

1.4 Review and approval of fabrication drawings

- 1.4.1 A kick- off meeting is to be held within 2 weeks of placement of order for brief discussion on the execution approach of the project.
- 1.4.2 The supplier has to review and assess the supplied input drawings and has to prepare the detailed fabrication drawings along with the proposed changes, if any required. Then, fabricated drawings should be submitted to ITER-India for review & approval.
- 1.4.3 The supplier may start the procurement process and fabrication work after approval of fabrication drawings.

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1.5 Prefabrication & Quality Control

- 1.5.1 Random inspection may be organized by ITER-India for inspecting the quality of procured material/components and observation of fabrication processes.
- 1.5.2 Mainly for assembly of Aluminium profile structure, it is the responsibility of supplier that, planarity of top grid need to be maintained in such a way that, all Al channel should be in full and proper contact with all top plates. The flatness of 0.15 mm can be maintained over 300 mm² area.
- 1.5.3 Buffing mirror polish on SS Plate is to be done. The surface planarity of SS plate 0.15 mm shall be maintained over 300 mm² area.
- 1.5.4 Aluminium profiles should be flat, smooth, shiny and defect free, else may be rejected.

1.6 Pre-dispatch Inspection & Dispatch Clearance

- 1.6.1 Supplier has to demonstrate assembly of all structures. A pre-dispatch Inspection shall be conducted by ITER-India representative for witnessing the assembly.
- 1.6.2 A dispatch clearance note will be issued by the purchaser after successful completion of the pre-dispatch inspection. Supplier shall initiate the delivery only after receiving the dispatch clearance note from the purchaser.


1.7 Delivery Period

- 1.7.1 The delivery period shall be 5 months from the date PO placement.

1.8 Packing and Shipment

- 1.8.1 It is preferable to dispatch/ deliver all support structure components in demountable/ disassembled mode to avoid any transportation and handling difficulty, especially at ITER-India site (ECH Lab, 3rd floor), however the same may be discussed and mutually agreed.
- 1.8.2 Packing: Appropriate packaging must be done to avoid damage during transportation. The supplier shall replace/repair at his own expenses, if, any damage found at the time of delivery. Packaging, Loading, Transportation and Unloading are under the scope of supplier. Items shall be delivered at:

ECH-Lab, Third floor,
 ITER-India Lab Building,
 Institute for Plasma Research,
 Near Indira Bridge, P.O. Bhat
 Gandhinagar -382 428, India

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1.8.3 Prior information of the material dispatch shall be given to ITER-India Purchase Officer

1.9 Site Assembly & Installation

1.9.1 Final assembly of all support structures with proper leveling is in scope of supplier and installation is to be carried out at ITER-India site by the supplier, which is to be completed with in two weeks of time after delivery.

1.10 Final Acceptance

1.10.1 The properly installed and assembled structure will be inspected by ITER-India and if found satisfactory, the final acceptance will be given within 2 weeks from date of successful assembly and installation.

1.11 Warranty

1.11.1 The Supplier should provide one-year standard warranty, i.e., repair/replace free of cost in case of a failure or material defects during the warranty period.

1.12 Accident Liability


1.12.1 The Service Provider will take all possible precautions to avoid damage to the Purchaser's property during its onsite activities. Service Provider shall also take insurance covering third party liability for the personnel and equipments deployed at Purchaser's site against all risks, such as injuries, loss of life etc. Service Provider will be fully responsible for payment of compensation. In the event of loss or damage to Purchaser's property and/or any item(s) and/or equipment and/or injury or loss of life to Purchaser's personnel during the course of onsite activities due to the Service Provider's default, Service Provider will be fully responsible and liable for such damages and/or losses and payment of appropriate compensation as assessed by the Purchaser. Service Provider will relieve the Purchaser from all the liabilities under this clause.

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1.13 Compliance Sheet (To be filled by Bidder)

1) Aluminium Sections			
Product data sheets/ catalogue/ specification sheets etc. must be submitted, as an evidence of compliance for the Aluminium section specifications, failing which the bid may not be considered			
List of Specifications		Bidder Compliance/Remarks	Offered Make (s)/ Product-ID (s)
Size-1			
Aluminium Profile Section Size (mm)	90 X 90		
Material Grade	Al alloy 6063 T6		
Area moment of Inertia	$I_x, I_y \geq 186 \text{ mm}^4$		
Linear Mass density	$\geq 6 \text{ Kg/m}$		
Size-2			
Aluminium Profile Section Size (mm)	60 X 60		
Material Grade	Al alloy 6063 T6		
Area moment of Inertia	$I_x, I_y \geq 50 \text{ mm}^4$		
Linear Mass density	$\geq 3.8 \text{ Kg/m}$		
2) Top Plates		Bidder Compliance/ Remarks if any	
SS 304 Plates	As per drawings		
SS Breadboard Plates	As per drawings		
3) Accessories		Bidder Compliance/ Remarks if any	
Brackets SS 304	As per drawings/ Compatible as per standard available		
Screw sets SS 304	As per drawings/ Compatible as per standard available		
Adjustable Feet leveler SS 304	1 ton Capacity		
Others, if any (Please specify)			

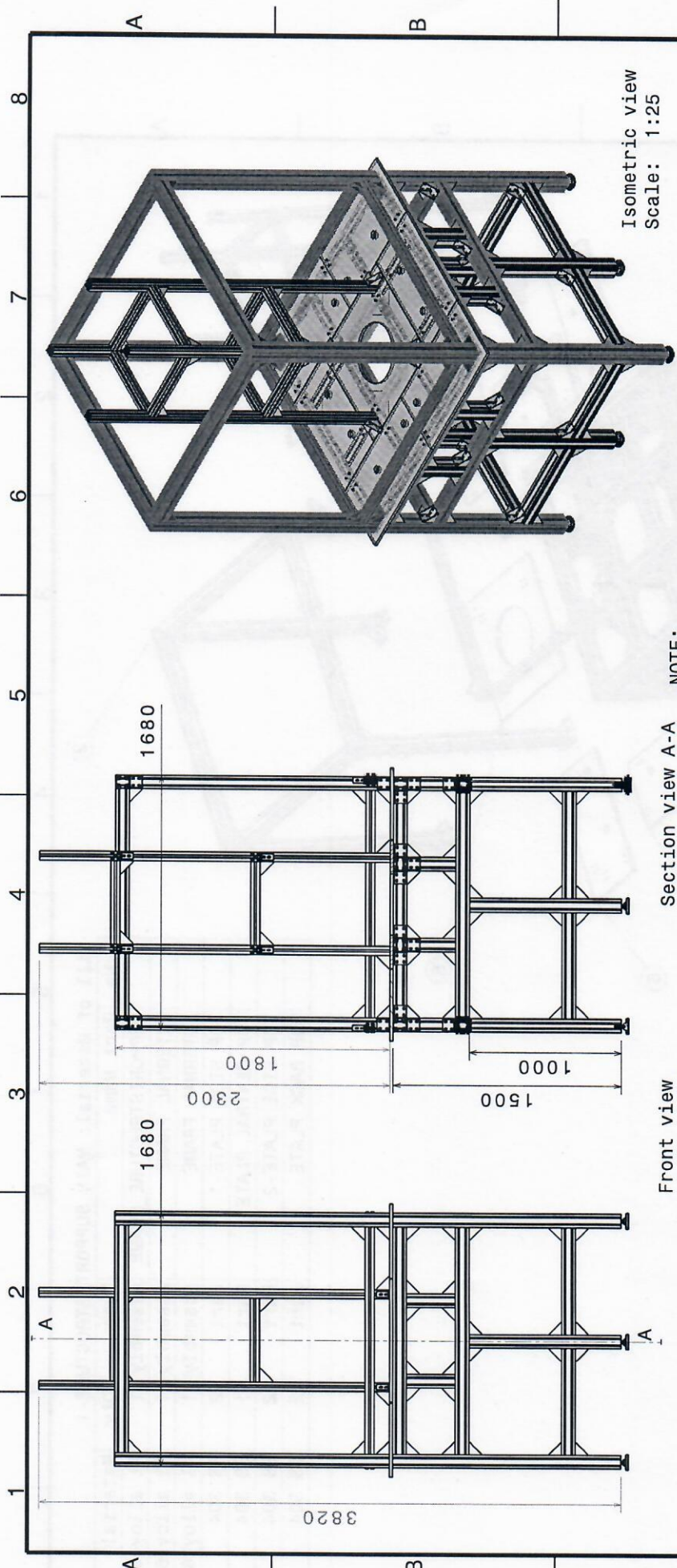
Table 3: Compliance Sheet

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Annexure-1: List of drawings

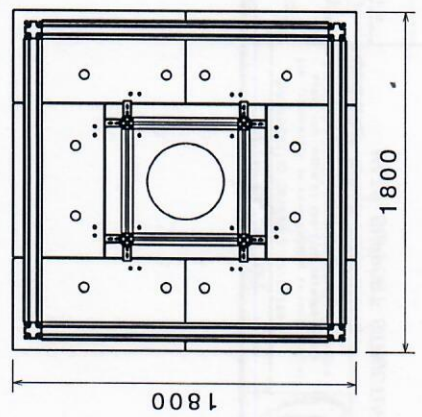
S. No.	Description	Drawing No.
1	Main Support Structure-1	II-A1
2	Main Support Structure-1	II-A2
3	External Frame	II-B1
4	External Frame	II-B2
5	Internal Frame	II-B3
6	Support Structure Frame	II-B4
7	Support Structure Frame	II-B5
8	Top Side Plate-1	II-C1
9	Top Central Plate	II-C2
10	Top Back Plate	II-C3
11	Top Side Plate-2	II-C4
12	Support Structure Table-2	II-D1
13	Support Structure Table-2	II-D2
14	Support Structure Table-3	II-D3
15	Support Structure Table-3	II-D4
16	Support Structure Table-4	II-D5

Table 4: List of drawings for the project



NOTE:

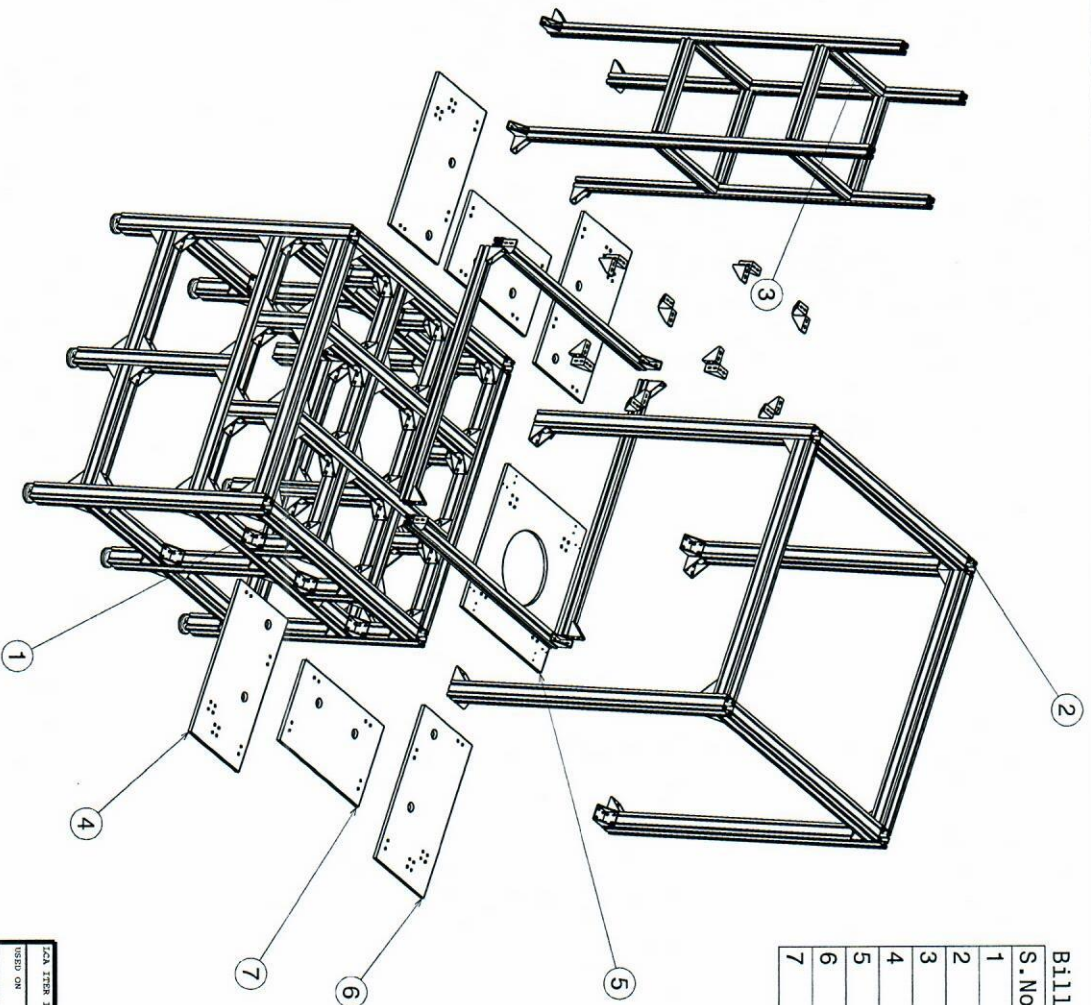
1. All dimensions are in mm.
2. Standard (SS 304) M8 and M6 screw accessories to be used for bolting at respective locations.
3. All the edges need to be rounded off (fillet) properly for 'Safety at Work' implementation.
4. Please refer NOTE-1 of Table-2 (Key specifications for A1 Profile) under section 1.3.2



LCA ITER ID		RELEASED BY		SITE LOCATION	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
PDS TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorized to receive it.	
		AMIT		DRAWING TITLE	
		CONTROLLED BY		MAIN SUPPORT STRUCTURE-1	
		DRAWN BY			
		AMIT			
NEW DATE		PDS MAINTENANCE		PDS 3 LEVELS	
DD MTH YR		AA		NN XX YY	
SHEET SIZE		A3		DRAWING NUMBER	
FIRST ANGLE PROJECTION		1:2		II-A1	
		SCALE		SHEET REVISION	
		1:2		01	
				STATUS	
				Z	

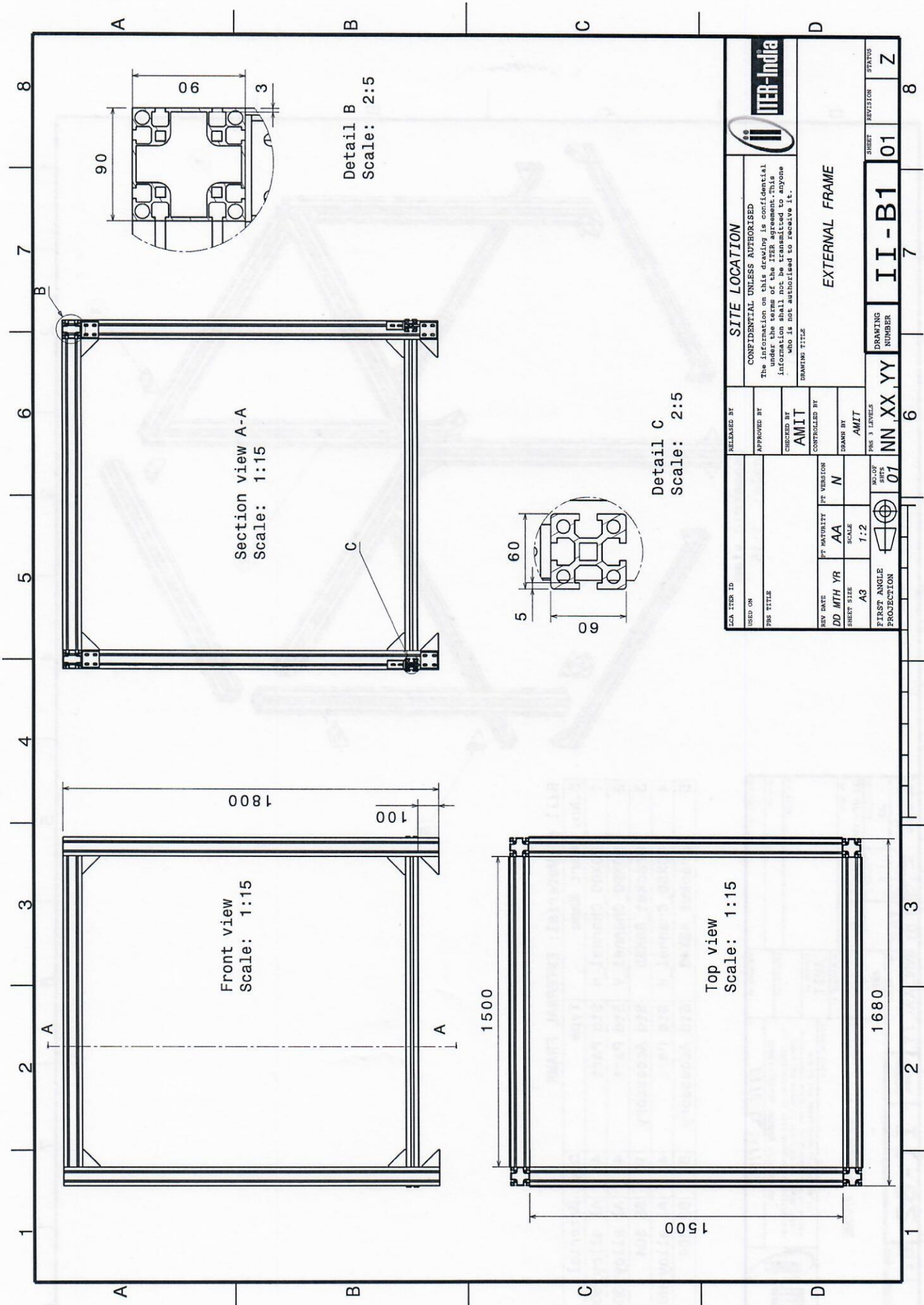


Bill of Material: MAIN SUPPORT STRUCTURE-1				
S.No.	Part Name	Type	Qty	Material
1	SUPPORTSTRUCTURE_FRAME	Assembly	1	Al alloy 6063T6
2	EXTERNAL FRAME	Assembly	1	Al alloy 6063T6
3	INTERNAL FRAME	Assembly	1	Al alloy 6063T6
4	TOP SIDE PLATE-1	Part	2	SS 304
5	TOP CENTRAL PLATE	Part	1	SS 304
6	TOP SIDE PLATE-2	Part	2	SS 304
7	TOP BACK PLATE	Part	2	SS 304

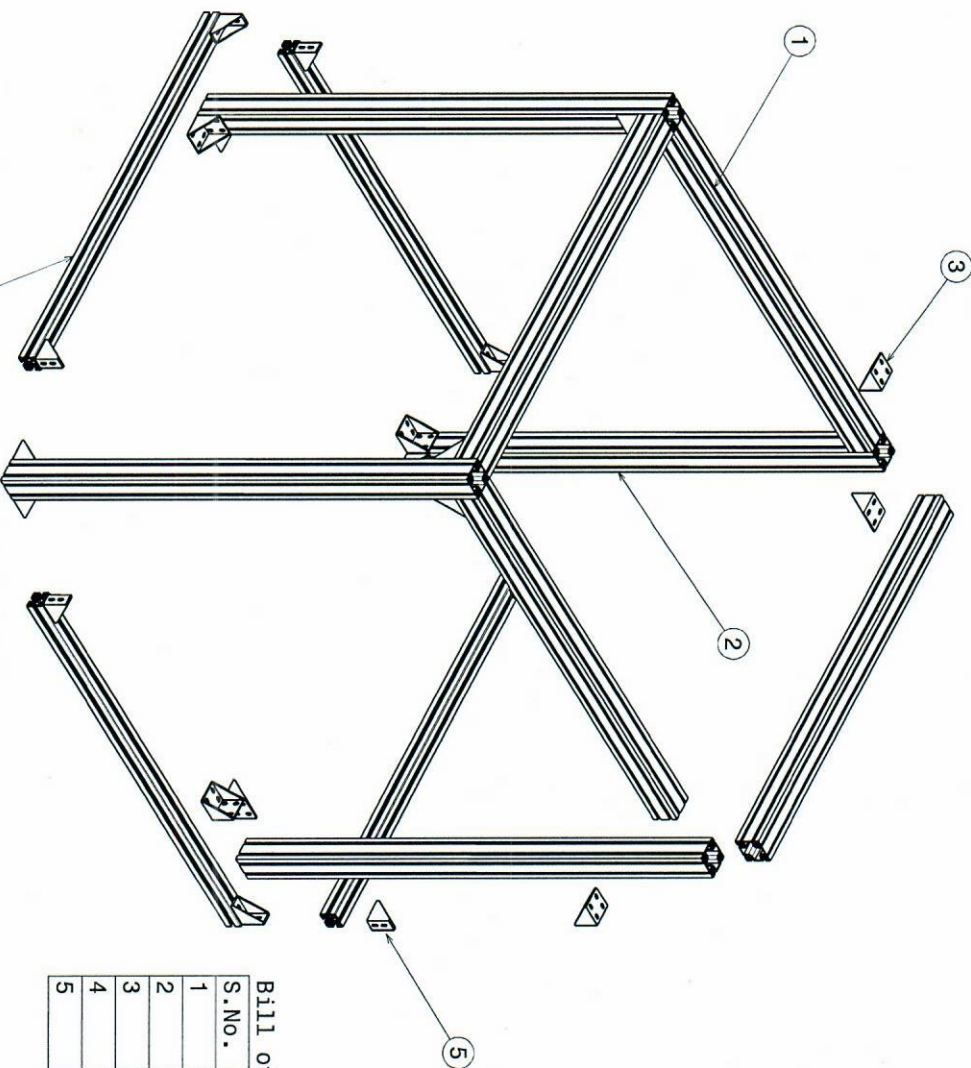


Isometric view
Scale: 1:25

DRAWING NO.		RELEASED BY		SITE LOCATION CONFIDENTIAL UNLESS AUTHORIZED The information on this drawing is confidential. Information shall not be transmitted to anyone who is not authorized to receive it.			
PDS TITLE		APPROVED BY					
NEW DATE		PT MATURITY		CONTROLLED BY		DRAWING NUMBER	
DD MM YY		AA		N		II-A2	
SHEET SIZE		SCALE		DRAWN BY		SHEET NUMBER	
A3		1:2		AMIT		01	
FIRST ANGLE PROJECTION		01		PDS 3 LEVELS		REVISION STATUS	
				NN, XX, YY		Z	



SJA ITER ID		RELEASED BY		SITE LOCATION		ITER-India	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED			
PSE TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorized to receive it.			
REV DATE		CONTROLLED BY		DRAWING TITLE			
DD MTH YR		AMIT		EXTERNAL FRAME			
SHEET SIZE		AMIT		DRAWING NUMBER			
A3		AMIT		II-B1			
PT MATURITY		NO. OF		SHEET REVISION			
AA		01		01			
SCALE		1:2		STATUS			
1:2		1:2		Z			
FIRST ANGLE PROJECTION		FIRST ANGLE PROJECTION		Z			

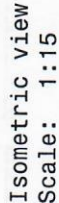


Isometric view
Scale: 1:15

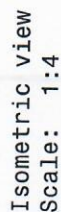
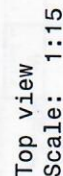
Bill of Material: EXTERNAL FRAME

S.No.	Part Name	Type	Qty	Material
1	90X90_Channel_H	Std Part	4	Al alloy 6063T6
2	90X90_Channel_V	Std Part	4	Al alloy 6063T6
3	Bracket_85X85	Std Accessory	16	SS 304
4	60X60_Channel_H	Std Part	4	Al alloy 6063T6
5	Bracket_43X43	Std Accessory	8	SS 304

LCA SITE ID		RELEASED BY		SITE LOCATION		CONFIDENTIAL, UNLESS AUTHORIZED			
PMS TITLE		APPROVED BY		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
REV DATE		CHECKED BY		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
DD MTH YR		AMIT		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
SHEET SIZE		SCALE		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
A3		1:2		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
FIRST ANGLE PROJECTION		NO. OF SHEETS		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
		01		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
		NN, XX, YY		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
		II-B2		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
		01		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	
		Z		DRAWING NUMBER		EXTERNAL FRAME		SHEET REVISION	





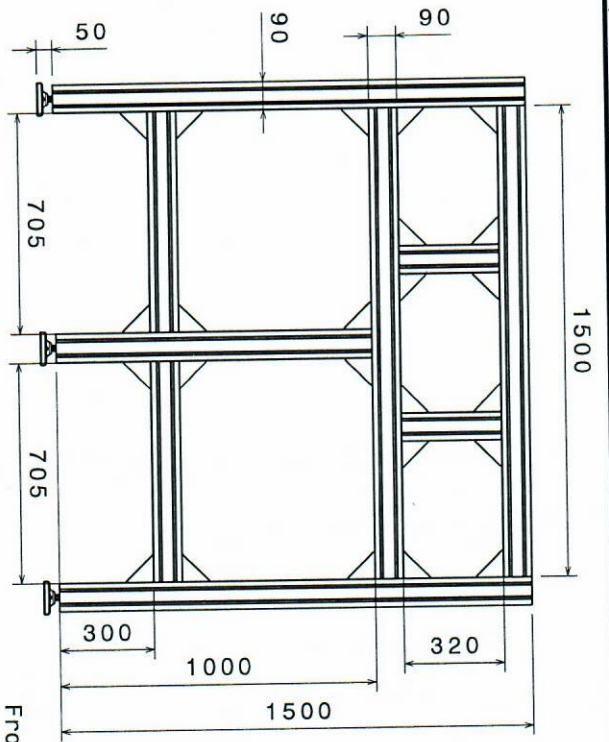
Left view
Scale: 1:15



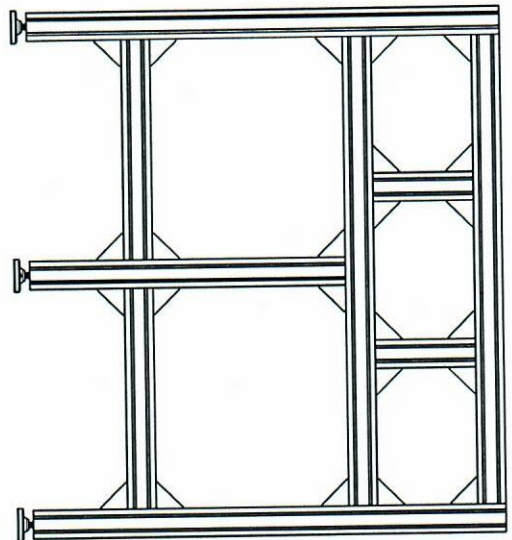
Bill of Material: INTERNAL FRAME

S.No.	Part Number	Type	Qty	Material
1	60X60_2300	Part	4	Al alloy 6063 T6
2	60X60_550	Part	8	Al alloy 6063 T6
3	BRACKET 43 X 43	Part	24	SS 304

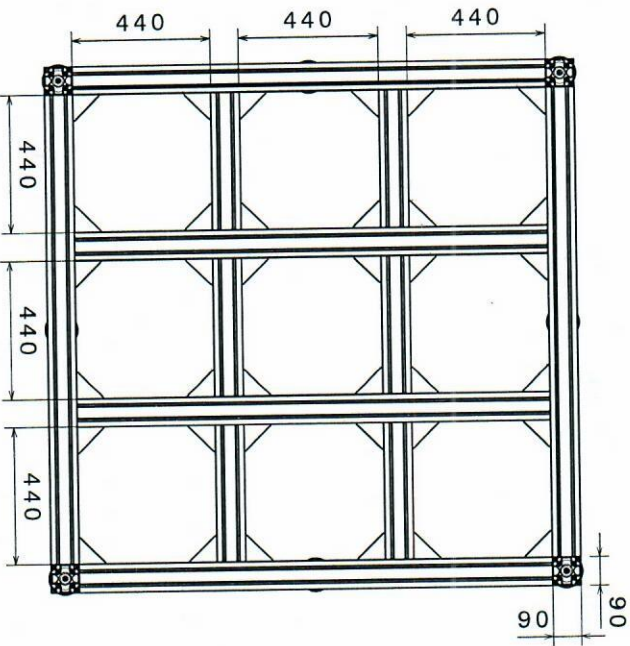
LCA ITER ID		RELEASED BY		SITE LOCATION				SHEET	REVISION	STATUS
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED						
PDS TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.						
		AMIT		DRAWING TITLE						
REV DATE		CONTROLLED BY		INTERNAL FRAME						
DD MTH YR		DRAWN BY								
SHEET SIZE		AMIT								
A3		PBS 3 LEVELS		DRAWING NUMBER		II - B3		01		Z
REV MATURITY		NN XX YY								
AA										
SCALE										
1:2										
FIRST ANGLE PROJECTION										
NO. OF SHEETS										
01										



Front view
Scale: 1:15



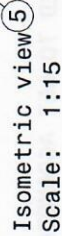
Left view
Scale: 1:15



Top view
Scale: 1:15

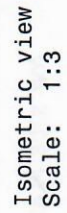
NOTE:
1. ASSEMBLY OF TOP GRID CHANNELS NEED TO BE DONE IN SUCH A WAY THAT, PLATES MOUNTED ON TOP CAN GIVE SURFACE FLATNESS OF 0.15 MM OVER 300 MM²



LOCAL FILE ID		RELEASED BY		SITE LOCATION	
USED ON		APPROVED BY		CONFIDENTIAL, UNLESS AUTHORISED	
PDS TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITR agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
REV DATE		PT MATURITY		DRAWING TITLE	
DD MTH YR		AA		SUPPORT STRUCTURE FRAME	
SHEET SIZE		SCALE		DRAWN BY	
A3		1:2		AMIT	
FIRST ANGLE PROJECTION		PT VERSION		NO. OF SHEETS	
		N		07	
		DRAWING NUMBER		II-B4	
		SHEET		01	
		REVISION		Z	
		STATUS			

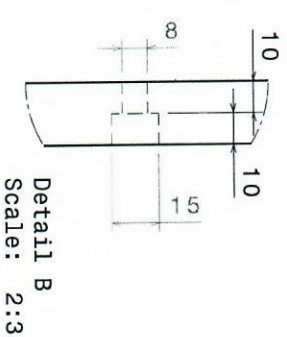
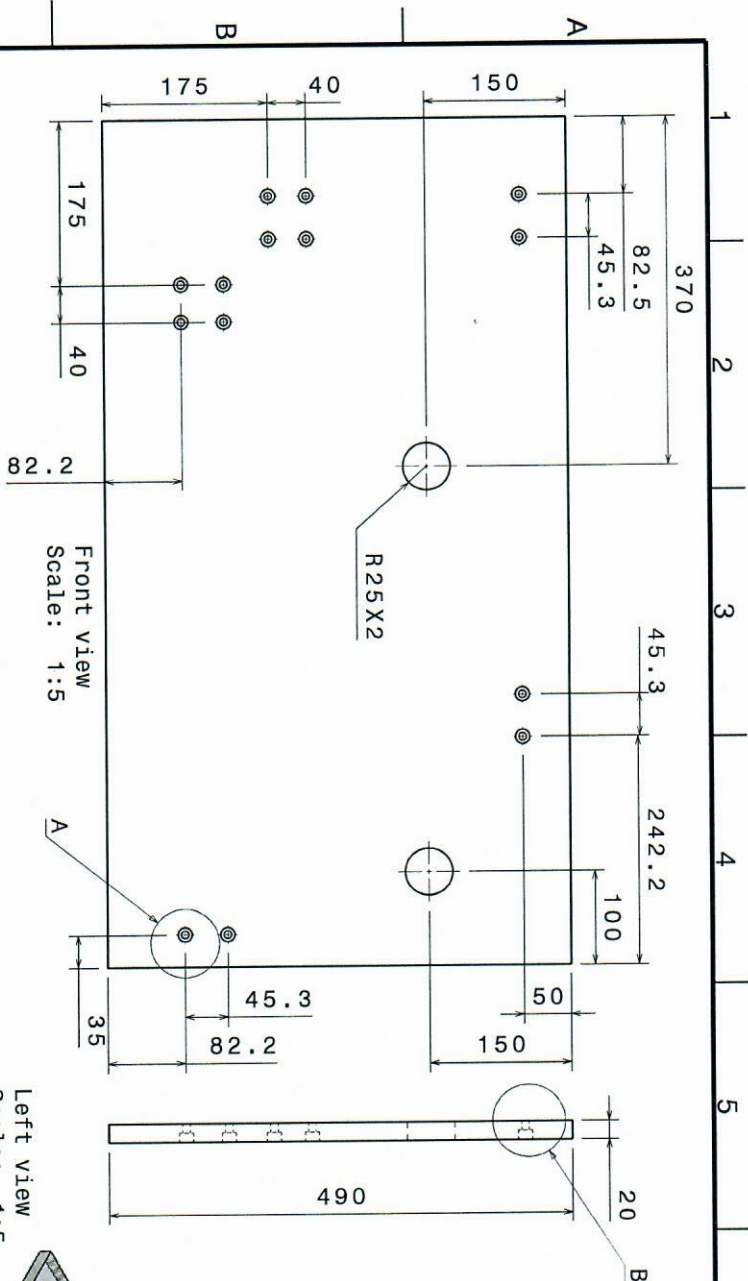


S.No.	Part Number	Type	Qty	Material
1	90X90_Channel_1500	Std Part	14	Al alloy 6063T6
2	90X90_Channel_440	Std Part	6	Al alloy 6063T6
3	ADDON LEG SUPPORT _90X90_Channel_1000	Std Part	4	Al alloy 6063T6
4	90X90_Channel_320	Std Part	8	Al alloy 6063T6
5	Bottom Cross Link 90X90_Channel_705	Std Part	8	Al alloy 6063T6
6	Bracket_85X85	Std Accessory	140	SS 304
7	FEET LEVELING SCREW	Assembly	8	SS 304 (~100 mm)

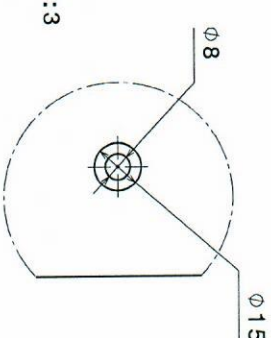
1. Al alloy- 6063 T6
2. Feet Leveling Screw may be combination of SS 304 and rubber pad



ICA ITR ID		RELEASED BY		SITE LOCATION		 ITER-India	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED			
JOB TITLE		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.					
CHECKED BY		DRAWING TITLE					
AMIT		SUPPORT STRUCTURE FRAME					
CONTROLLED BY							
DRAWN BY							
AMIT							
REV DATE		PT MATURITY		PT VERSION		NO. OF SHEETS	
DD MTH YR		AA		N		07	
SHEET SIZE		SCALE		1:2			
A3							
FIRST ANGLE PROJECTION		NO. OF SHEETS		DRAWING NUMBER		STATUS	
		07		II - B5		Z	
				NN, XX, YY		SHEET	
				II - B5		01	
				NN, XX, YY		REVISION	

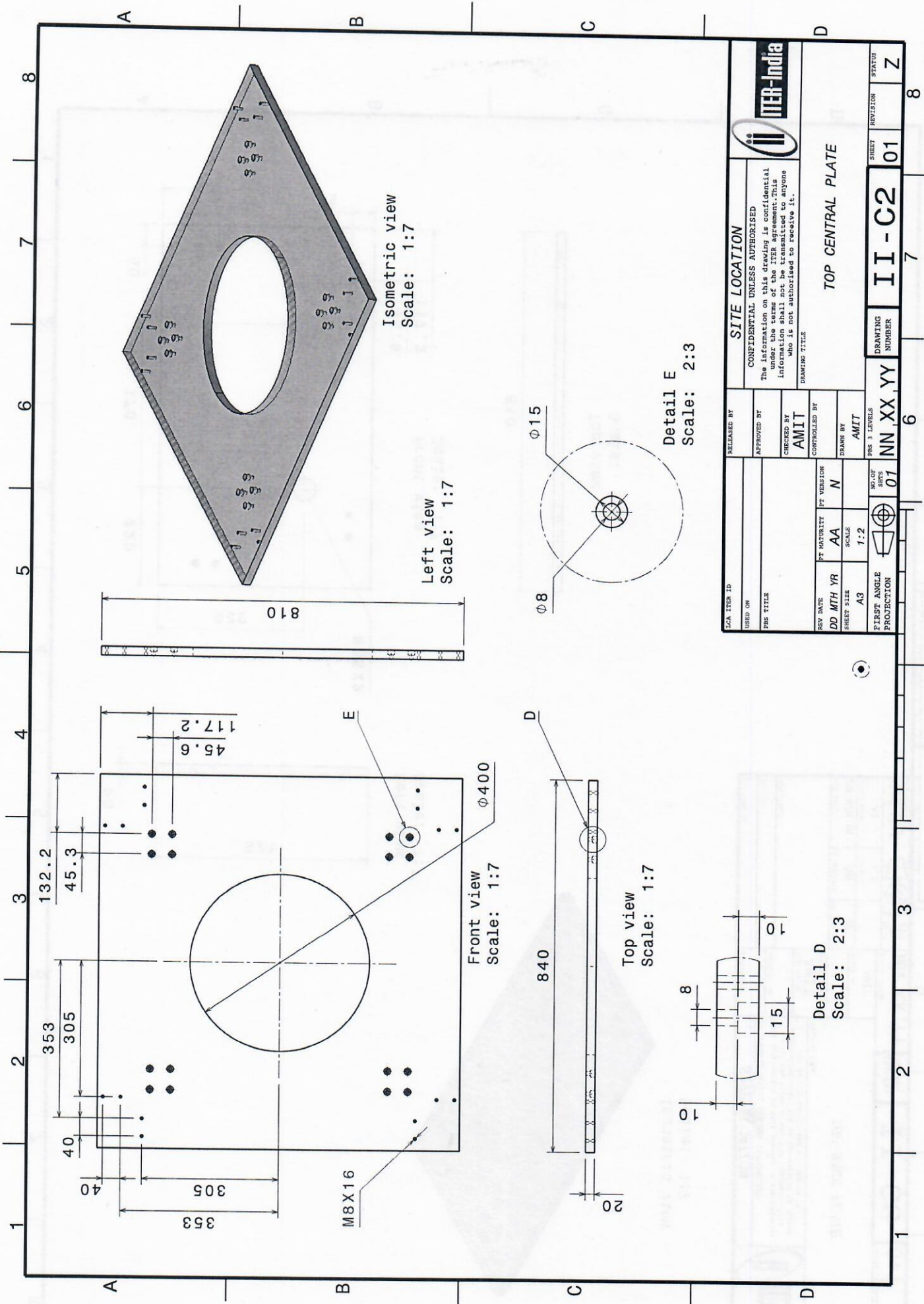


Top view
Scale: 1:5

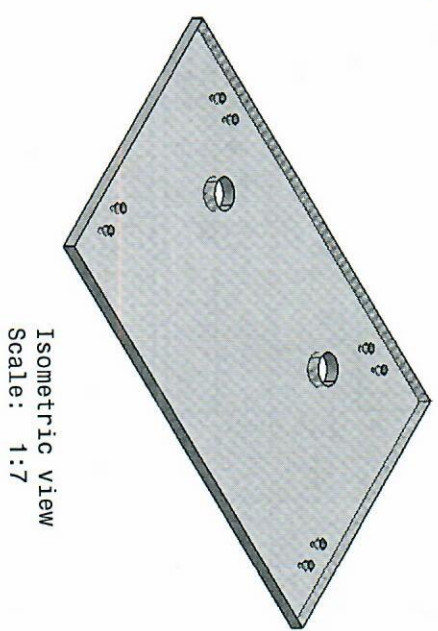
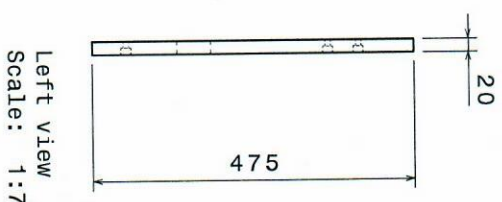
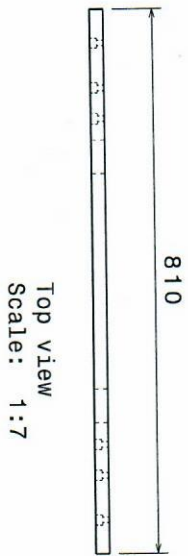
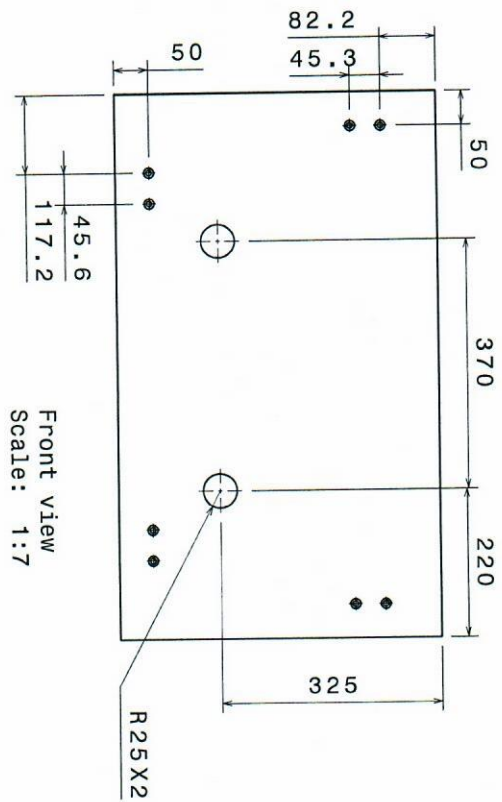


- NOTE:
1. SCREWS MUST BE ENSURED TO GET ACCOMMODATE IN COUNTERBORE HOLE
 2. SURFACE FLATNESS SHOULD BE 0.15 MM OVER 300 MM²
 3. FOR LENGTH & DIMENSIONS, GENERAL TOLERANCE SHOULD BE USED

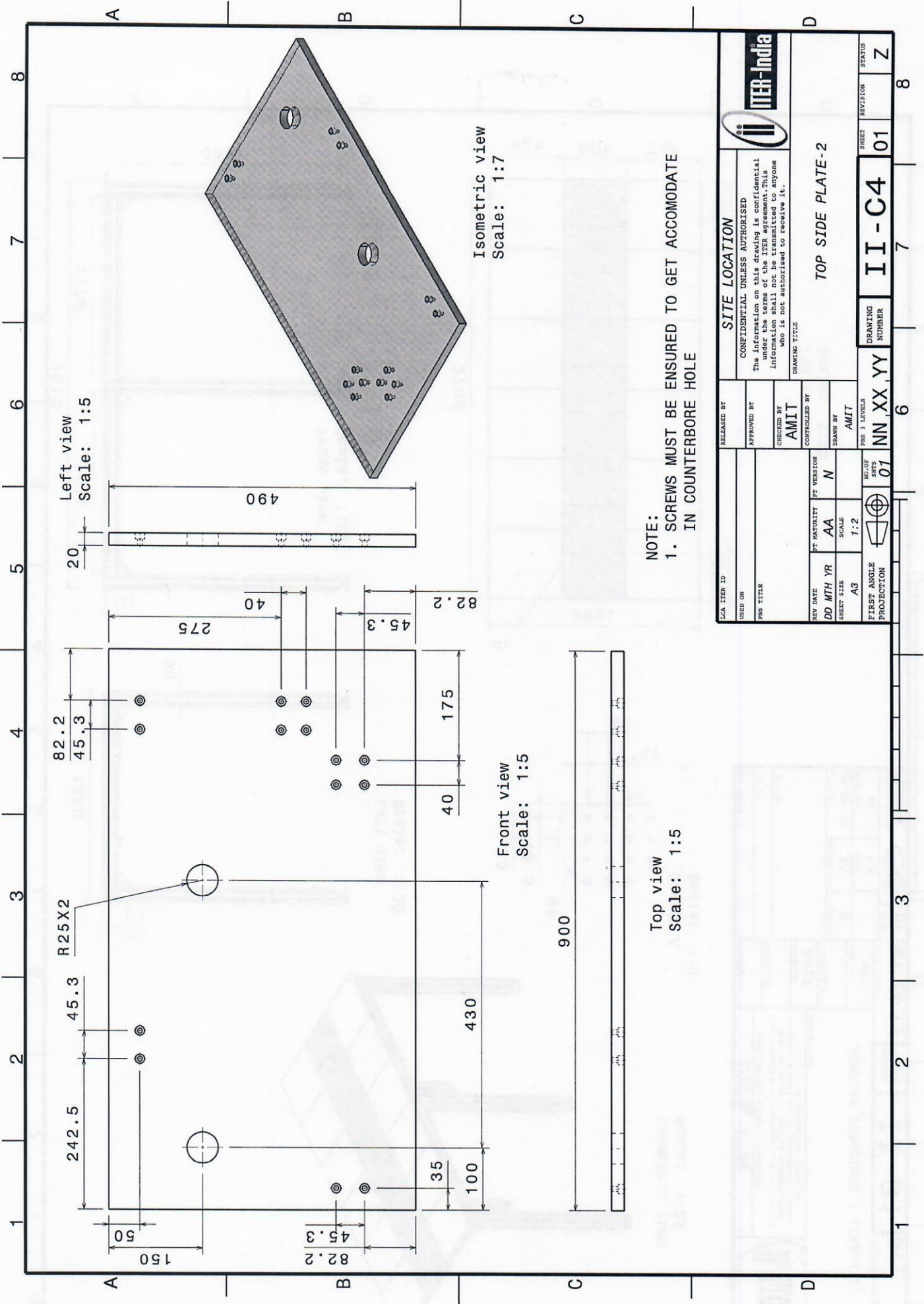
LCA ITEM ID		RELEASED BY		SITE LOCATION	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORIZED	
PMS TITLE		CHECKED BY		Under the terms of this drawing is confidential information and is not to be transmitted to anyone who is not authorized to receive it.	
REV DATE		CONTROLLED BY		DRAWING TITLE	
DD MTH YR		AMIT		TOP SIDE PLATE-1	
SHEET SIZE		DRAWN BY		DRAWING NUMBER	
A3		AMIT		II-C1	
FIRST ANGLE PROJECTION		NO. OF SHEETS		SHEET REVISION	
01		NN XX YY		01 Z	



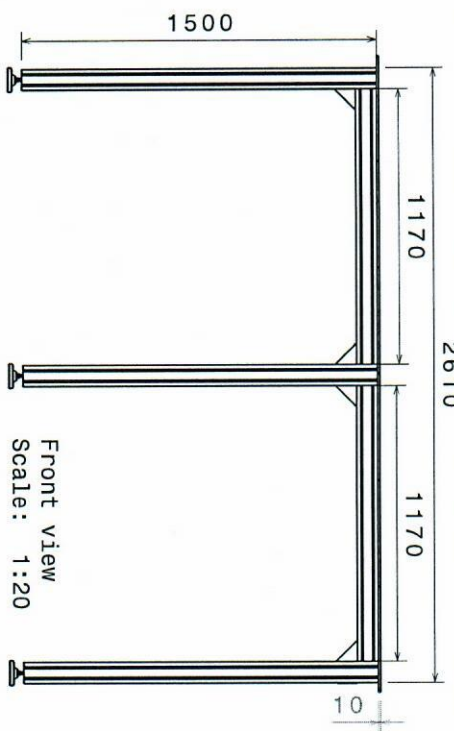
LCA ITER ID		RELEASED BY		SITE LOCATION		ITER-India	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED			
PRE TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information is not to be disclosed to anyone who is not authorised to receive it.			
REV DATE		AMIT		DRAWING TITLE			
DD MTH YR		AA		TOP CENTRAL PLATE			
SHEET SIZE		A3		DRAWING NUMBER			
FIRST ANGLE PROJECTION		1:2		II - C2			
NO. OF SITS		01		SHEET REVISION			
PROJECTION		01		STATUS			
PMS 3 LEVELS		NN XX YY		Z			



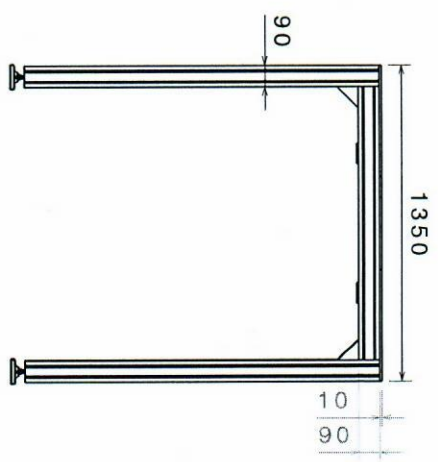
P&C ITEM ID		RELEASED BY		SITE LOCATION		CONFIDENTIAL UNLESS AUTHORIZED		ii IIR-India	
USED ON		APPROVED BY		DRAWING TITLE		The information on this drawing is confidential under the terms of the IIR agreement. This information shall not be used to reveal IIR and is not authorized to receive it.			
P&C TITLE		CHECKED BY		DRAWING NUMBER		DRAWING REVISION		STATUS	
REV DATE		REV MATURITY		REV VERSION		REV BY		REV BY	
DD WITH YR		AA		N		AMIT		Z	
SHEET SIZE		SCALE		FIRST ANGLE		PROJECTION		SHEET NUMBER	
A3		1:2		01		NN, XX, YY		II - C3	
01		01		01		01		01	



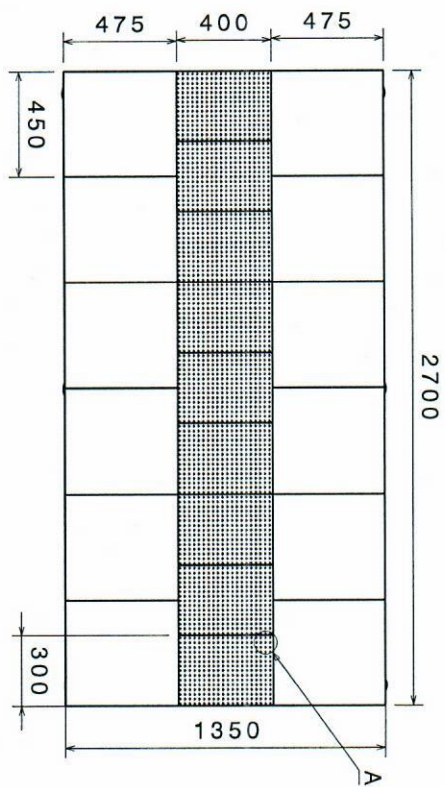
LCA ITER ID		RELEASED BY		SITE LOCATION	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
PDS TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
NEW DATE		AMIT		DRAWING TITLE	
DD MTH YR	AA	N		TOP SIDE PLATE-2	
SHEET SIZE	A3	1:2		DRAWING NUMBER	
FIRST ANGLE PROJECTION	01	NN XX YY		II - C4 01	
NO. OF SPTS		01		SHEET REVISION	
PROJECTION		01		STATUS	
		01		Z	



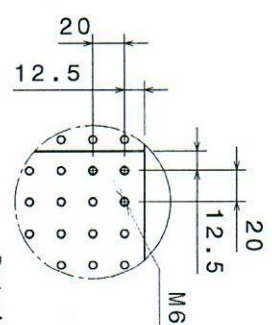
Front view
Scale: 1:20



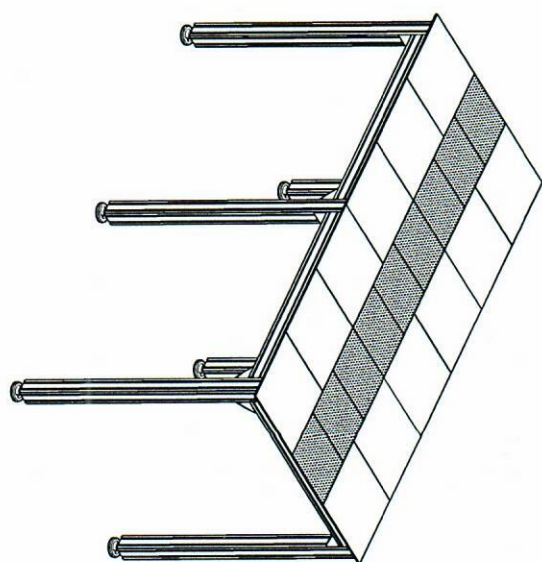
Left view
Scale: 1:20



Top view
Scale: 1:20



Detail A
Scale: 1:3



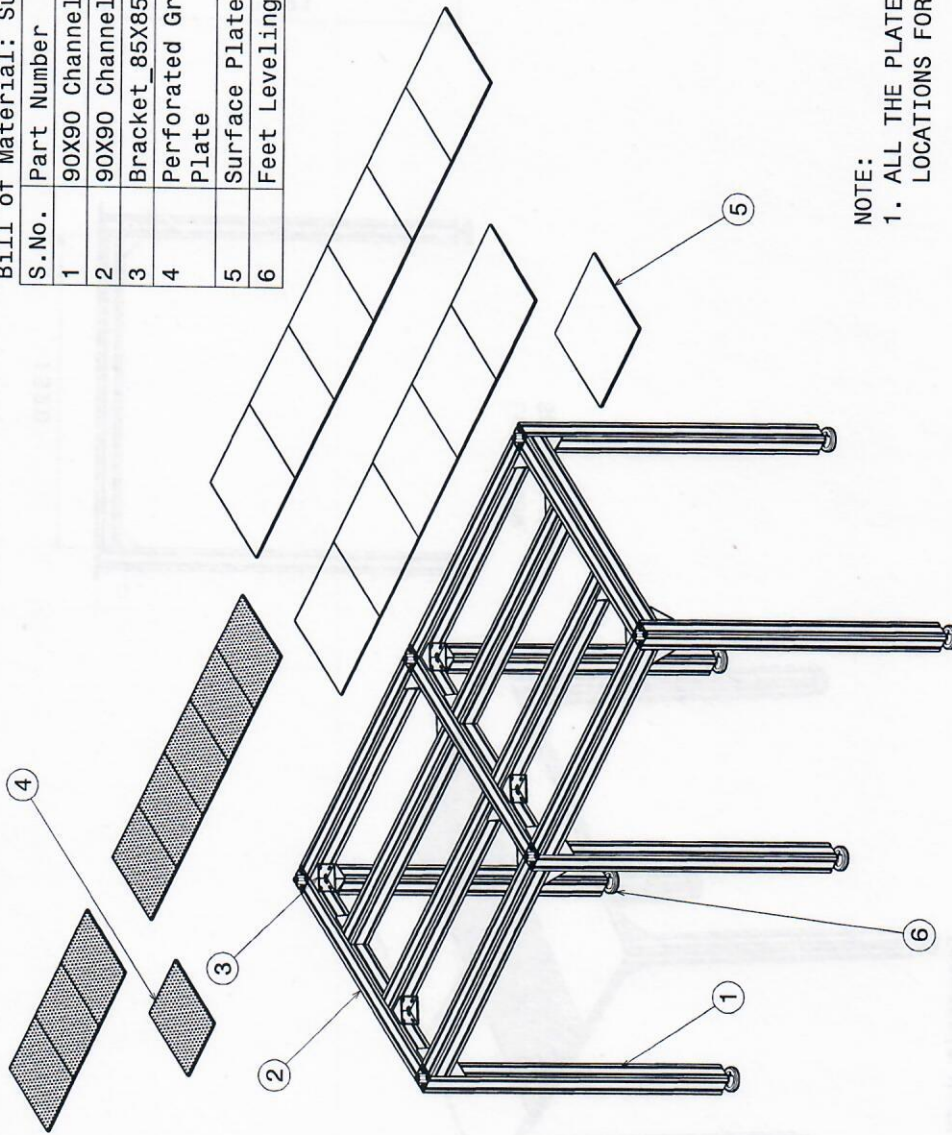
Isometric view
Scale: 1:25

ECLA ITEM ID		RELEASED BY		SITE LOCATION	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORIZED	
PMS TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITR agreement. This information shall not be disclosed to anyone who is not authorized to receive it.	
REV DATE		CONTROLLED BY		DRAWING TITLE	
DD MTH YR	AA	PT	PT	AMIT	SUPPORT_STRUCTURE-2 (TABLE-2)
SHEET SIZE		SCALE		DRAWING NUMBER	
A3	1:2	N		II-D1	
FIRST ANGLE PROJECTION		PMS 3 LEVELS		SHEET REVISION	
01		NN XX YY		01	
6		7		Z	



Bill of Material: Support Structure-2

S.No.	Part Number	Type	Qty	Material
1	90X90 Channel_V	Std Part	6	Al alloy 6063 T6
2	90X90 Channel_H	Std Part	11	Al alloy 6063 T6
3	Bracket_85X85	Std Accessory	30	SS 304
4	Perforated Grid Plate	SS Plate	9	SS 304
5	Surface Plate	SS Plate	12	SS 304
6	Feet Leveling Screw Assembly		6	SS 304 (~ 100 mm size)



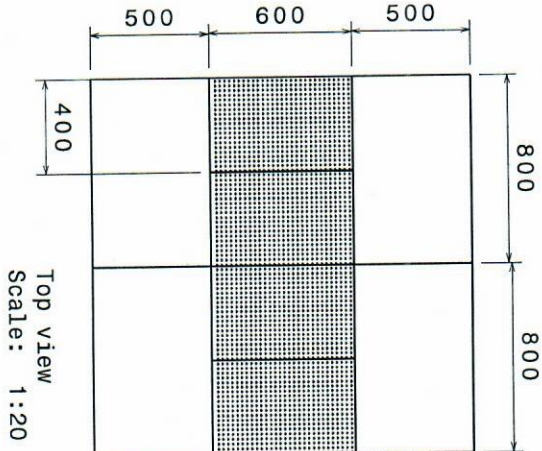
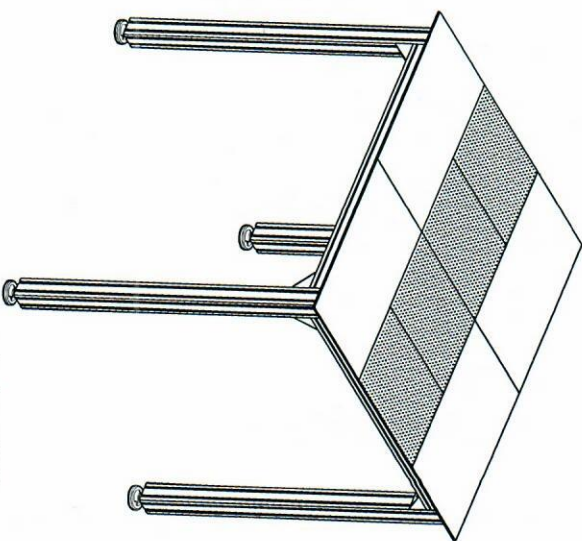
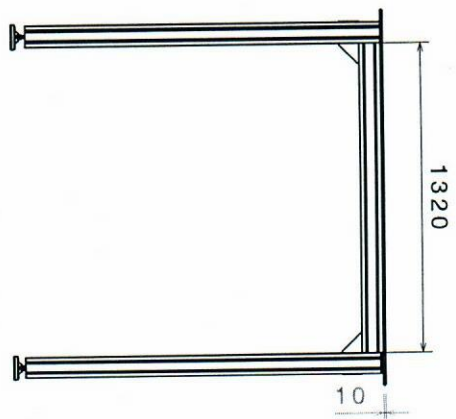
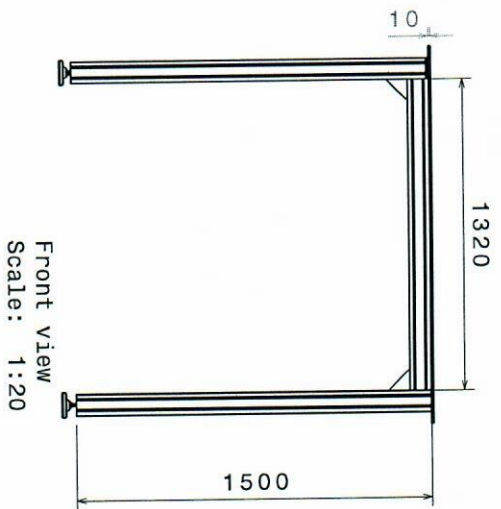
Isometric view
Scale: 1:20

NOTE:

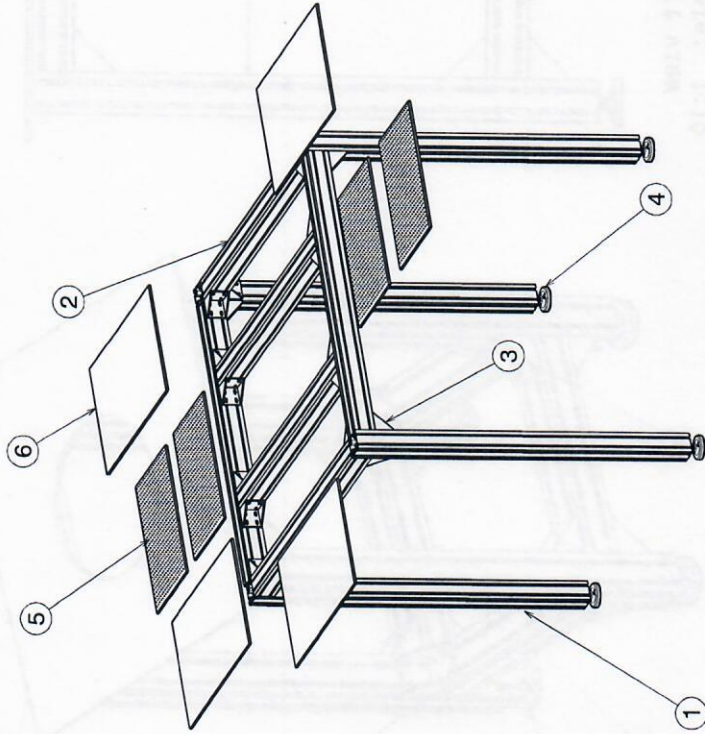
1. ALL THE PLATES ARE NEED TO BE COUNTERBORED AT 4 APPROPRIATE LOCATIONS FOR BOLTING WITH ALUMINIUM CHANNEL USING M8 SCREW

LCA ITER ID		RELEASED BY		SITE LOCATION	
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
JOB TITLE		CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
REV DATE		AMIT		DRAWING TITLE	
DD MTH YR		CONTROLLED BY		SUPPORT_STRUCTURE-2 (TABLE-2)	
AA		AMIT			
SHEET SIZE		DRAWN BY			
A3		AMIT			
SCALE		PNS 3 LEVELS			
1:2					
FIRST ANGLE PROJECTION		NN XX YY		DRAWING NUMBER	
		01		II-D2	
NO OF SHEETS		01		SHEET REVISION	
				STATUS	
				Z	





LCA ITEM ID		RELEASED BY		SITE LOCATION		CONFIDENTIAL. UNLESS AUTHORIZED		II		IITP-India	
USED ON		APPROVED BY		DRAWING NUMBER		The information on this drawing is confidential and the terms of the IITP agreement. This information shall not be transmitted to anyone who is not authorized to receive it.		SHEET		REVISION	
P&S TITLE		CHECKED BY		DRAWING NUMBER		who is not authorized to receive it.		01		Z	
NEW DATE		CONTROLLED BY		DRAWING NUMBER		SHEET		01		Z	
DD WITH YR		AMIT		DRAWING NUMBER		SHEET		01		Z	
SHEET SIZE		SCALE		DRAWING NUMBER		SHEET		01		Z	
A3		1:2		DRAWING NUMBER		SHEET		01		Z	
FIRST ANGLE PROJECTION		NO. OF SHEETS		DRAWING NUMBER		SHEET		01		Z	
A3		07		DRAWING NUMBER		SHEET		01		Z	
FIRST ANGLE PROJECTION		NO. OF SHEETS		DRAWING NUMBER		SHEET		01		Z	
A3		07		DRAWING NUMBER		SHEET		01		Z	

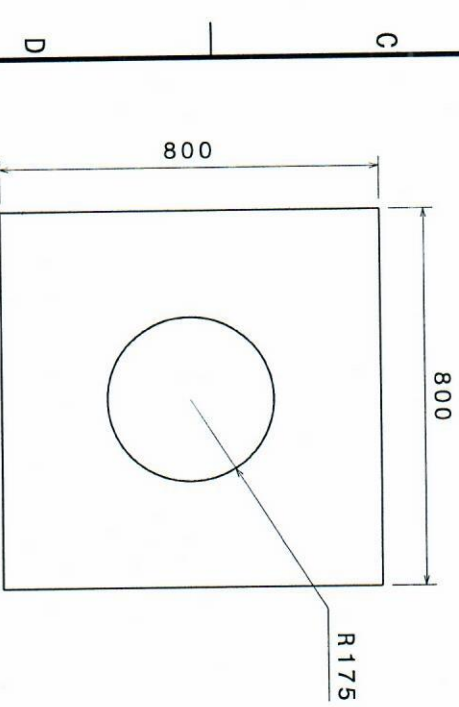
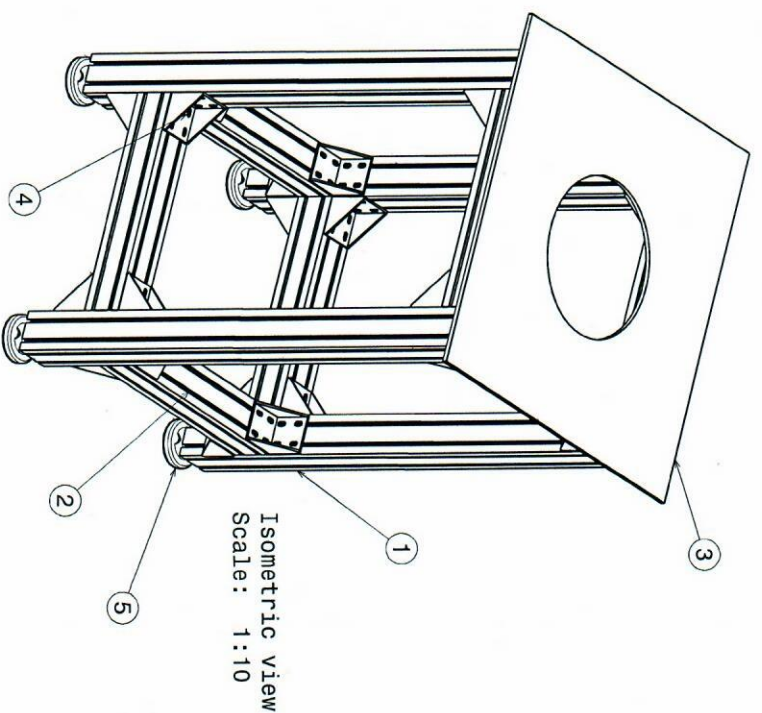
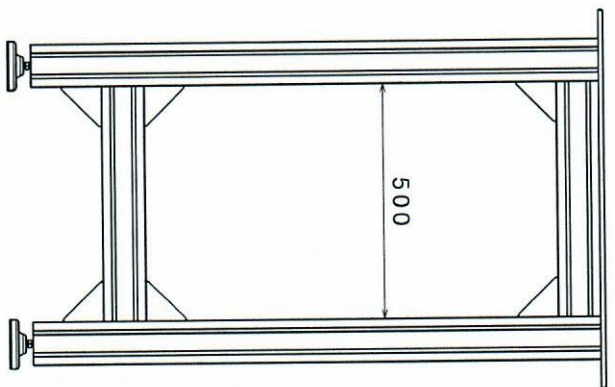
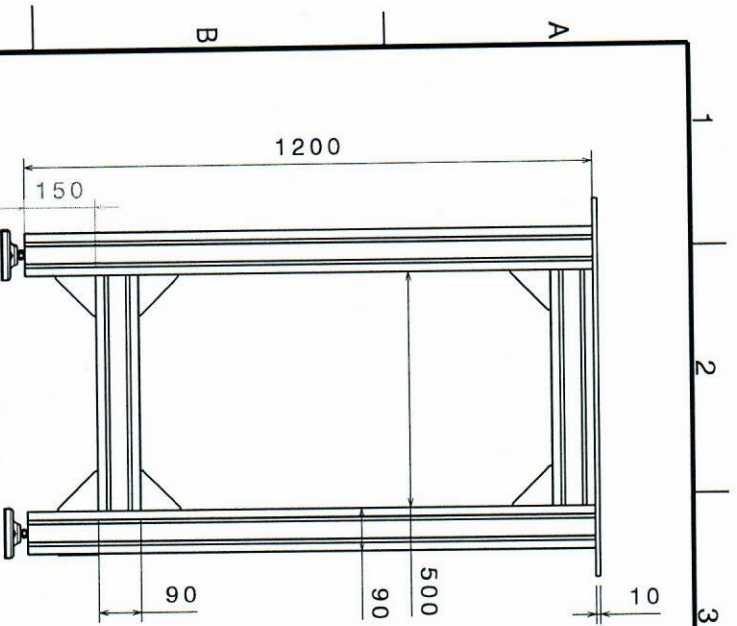


Isometric view
Scale: 1:20

Bill of Material: Support Structure-3

S.No.	Part Number	Type	Qty	Material
1	90X90_CHANNEL_VT3	Std Part	4	Al alloy
2	90X90_Channel_HT3	Std Part	6	Al alloy
3	Bracket_85X85	Std	20	SS 304
4	FEET_LEVELING_SCREW	Accessory	4	SS 304 (~100 mm)
5	Perforated Grid Plate_T3	SS Plate	4	SS 304
6	Top Plate_T3	SS Plate	4	SS 304

EZA ITEM ID		RELEASED BY		SITE LOCATION		CONFIDENTIAL UNLESS AUTHORISED	
USED ON		APPROVED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.		ITER-India	
PDS TITLE		CHECKED BY		DRAWING TITLE			
		AMIT		SUPPORT_STRUCTURE-3 (TABLE-3)			
REV DATE		CONTROLLED BY		DRAWING NUMBER		SHEET REVISION	
DD MTH YR		AMIT		II-D4		01	
SHEET SIZE		DRAWN BY		DRAWING NUMBER		STATUS	
A3		AMIT		II-D4		Z	
FIRST ANGLE PROJECTION		NO. OF SHEETS		DRAWING NUMBER		STATUS	
		01		II-D4		Z	
		01		II-D4		Z	




Bill of Material: SUPPORT STRUCTURE-4

S.No.	Component	Type	Qty	Material
1	90X90_Channel_VT4	Std Part	4	Al alloy 6063T6
2	90X90_Channel_HT4	Std Part	8	Al alloy 6063T6
3	STRUCTURE_TOP PLATE	Part	1	SS 304
4	BRACKET 85X85	Std Accessory	24	SS 304
5	FEET_LEVELING_SCREW	Assembly	4	SS 304 (~ 100)


USED ON PHS TITLE SHEET SIZE A3				RELEASED BY APPROVED BY CHECKED BY AMIT				CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITR agreement. This information shall not be transmitted to anyone who is not authorized to receive it.			
REV DATE DD MM YR 01				PRT MATERIAL AA				PRT VERSION N			
SCALE 1:2				DRAWN BY AMIT				DRAFTER NN XX YY			
FIRST ANGLE PROJECTION				DRAWING NUMBER II-D5				SHEET REVISION 01			
								STATUS Z			

SUPPORT_STRUCTURE-4 (TABLE-4)



	ITER-India (Institute For Plasma Research)	Enquiry No.
		I-IEN20022

Title	Annexure-I Fabrication & Assembly of Support Structures involving Aluminum Profile Section and SS plates
Sub Title	PART-B: Price Bid

	ITER-India (Institute For Plasma Research)	Enquiry No.
		I-IEN20022

1.1 Part-B : Price Bid


Bidder shall quote the prices in the format as given below.

1.1.1 Price breakup:

Sr. No.	Description	Quantity	Unit Price (in INR)	Total Price (in INR)
Fabrication & assembly of Support Structures as per the specifications and drawings				
1	Main Support Structure (Table-1)	1 set		
2	Support Structure-2 (Table-2)	1 set		
3	Support Structure-3 (Table-3)	1 set		
4	Support Structure-4 (Table-4)	1 set		
(In words:) TOTAL PRICE	
To mention HSN Code of the quoted items				

Note:

- Quoted price should be in INR only. Percentage wise cost will not be considered.
- Splitting of Purchase Order is not applicable.
- L1 bidder will be derived based on Total Price plus applicable taxes & duties and any other charges, if applicable.
- In case of deviation in payment terms including demand of advance other than specified in payment schedule and accepted by ITER-India, interest at the rate of Benchmark Prime Lending Rate (BPLR) of SBI prevailing on the date of PART-A opening will be loaded for price comparison purpose.
- Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.
- Unit rate/s should be valid throughout the validity of Purchase Order for addition/deletion purposes. The quoted price should not be subject to price escalation for whatsoever reasons. The quoted price shall be firm, fixed, and non-revisable during the validity/ extended validity of Purchase Order.
- The delivery shall be based on FREE DOOR DELIVERY to Purchaser's site
- The bids shall include cost of loading, transport, transit insurance (against all risks of loss or damage during the transport), unloading and shifting of all the items within Purchaser's site, i.e. 3rd floor (Height 13.725 meter), ECRH Lab, ITER-India Building, IPR, unpacking, assembly & installation,
- Each page of price bid format shall be signed and seal to be put on each page

	ITER-India (Institute For Plasma Research)	Enquiry No.
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1.1.2 Compliance with Commercial Terms, Taxes and Duties

Particulars	Compliance
Delivery Basis: Free Door Delivery to ITER-India site as per the delivery address (refer section 1.8.2)	Yes / No (In case of No, details of deviation to be specified)
Goods and Service Tax - Not to be included in the quoted Price	Yes / No (In case of No, details of deviation to be specified)
Goods and Service Tax - ITER-India, IPR is entitled to avail concessional rate of GST@5% on supply of Items. Refer Sr. No. 3 of Important Note of enquiry document.	Confirm 5% applicable against exemption certificate from ITER-India, IPR
Committed delivery period – 5 months from the date of Purchase Order	Yes / No (In case of No, details of deviation to be specified)
Bid Validity Period - 120 days from date of opening of technical bid (Part-A)	Yes / No (In case of No, details of deviation to be specified)
Payment Terms- ITER-India Payment terms <ul style="list-style-type: none"> 80% of offer value + 100% applicable Taxes and duties + any other charges (if applicable) against delivery to ITER-India site 20% of offer value after final acceptance by ITER-India 	Yes / No (In case of No, details of deviation to be specified)
Warranty: 1 year warranty for the materials and workmanship from the date of final acceptance	Yes / No (In case of No, details of deviation to be specified)

Bidder Signature		
Name of the signatory & Title	Name	Title
Bidder's Official seal		
Place & Date	Place	DD-MM-YYYY