



ITER-India, Institute for Plasma Research

Block A, Sangath SKYZ, Bhat- Motera Road, Koteshwar, Ahmedabad 380005 Gujarat, India.

www.iter-india.org

Email: ecrh.group@iter-india.org

Minor Fabrication Work

ENQUIRY - LOCAL

OFFICE COPY ENQUIRY NO : II/ECH/2021/001
Date : 04/01/2021
Due Date : 19/01/2021 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. Quote with complete technical details.
2. Technical Specifications are given in the Annexure – A
3. Any clarification on this enquiry may be sought from ecrh.group@iter-india.org
4. Bids in sealed envelope superscribed with Enquiry No., Date & Due Date should be submitted to "The Project Manager, ECRH, ITER-India" otherwise offer will be rejected.
5. Quotations in hard copy should be addressed to The Project Manager, ECRH Group, only at above address. Email quotations are not acceptable
6. Vendor is required to visit site before submitting the offer to take appraisal of site conditions / installation. Site address is ECRH lab, ITER-India lab, Institute for Plasma research, Bhat.
7. Required completion period is within TWO Weeks from the date of order. Vendor must specify the completion period in the quotation.

Sr No.	Material Description	Quantity	Unit
1	Installation of 24 kV AC Air-insulated indoor Disconnecter Switch Unit & Other Electrical Site Works at ITER-India lab (Refer Attachment for detailed scope of work)	1	AU

Note:

(1) Bidders must ensure that the sealed bids must reach the ITER-India Office on or before specified due date & time.

Encl:- as above

Project Manager
(S. Laxmikant Rao)
ECRH
ITER-India

Note: This Enquiry is electronically generated and no signature is required.

TERMS AND CONDITIONS

1. The quotation and any order resulting from this enquiry shall be governed by our Conditions of Order and supplier quoting against this enquiry shall be deemed to have read and understood the same in total
2. Where counter terms and conditions have been offered by the Tenderer, the same shall not be deemed to have been accepted by ITER-India unless our specific written acceptance thereof is obtained.
3. Quotation: Your quotation superscripting our enquiry No., date, due date and brief description of item should be submitted in sealed envelope on or before the due date. Late/ Delayed/incomplete quotations will not be considered. Envelopes received without Enquiry number, date, due date and brief description of item may be rejected.
4. The quoted prices should be firm for a period of 30 days from due date of bid submission. ITER-India is not bound to accept lowest rate/s. Bidder shall submit the price bid/offer on Bidder's letter head with official seal and sign on each page.
5. The bid documents shall be prepared in English language only
6. All pages of the bid documents shall be numbered. Each page of the bid document shall be stamped and initialized.
7. In the event of any date indicated above is a declared Holiday, the next working day with the same time limit shall become operative for the respective purpose mentioned herein
8. In case of deviation in payment terms including demand of advance other than specified in payment schedule and accepted by ITER-India, prevailing Prime Lending Rate (PLR) of SBI will be loaded for price comparison purpose
9. ITER-India and their authorized representatives may visit the Contractor/Sub-contractors if required as part of technical evaluation process
10. ITER-India reserves the right to place order on one or more parties.
11. Specifications: Material should be offered strictly conforming to our specifications/drawings, if any. Deviation, if any, should be clearly indicated by the supplier in their quotation. The Tenderer should also indicate the Make/Type number of the materials offered and catalogues, technical literature and samples, wherever necessary should accompany the quotation. Clarification/s on specifications/drawings should be obtained from Purchaser before submitting quotation.
12. Terms of Prices : Quotation should be submitted on door delivery basis, duly packed without extra charge wherever possible.
13. Unit rate/s should be valid throughout the validity of Purchase Order for addition/deletion purposes. Break-up of price should be furnished. 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.
14. Prices are required to be quoted according to the units indicated in the tender form/Enquiry. When Quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.
15. Tender should be free from Correction and Erasures. Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail. Unsigned quotations will summarily be rejected.
16. ITER-India shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted. ITER-India also reserves the right to split the order at its sole discretion
17. Delivery Date/Period: Delivery period is essence of the Order. Supplier must indicate the firm delivery date by which the materials will be dispatched / delivered by them from the date of our order.
18. Inspection: Materials on its arrival at ITER-India will be inspected by our Engineer/Stores In-Charge, and his decision in the matter will be final. However, where the items are required to be inspected at the Suppliers Premises, Supplier has to give advance notice to the Purchaser regarding readiness of the material to enable Purchase/Stores section to depute his representative for inspection.
19. Payment: Payment will be arranged for accepted materials only within 30 days from the date of acceptance of materials at ITER-India and receipt of error free bills in our accounts section, complete in all respects.
20. No correspondence will be entertained within 30 days from the date of receipt of material and bills, whichever is later.
21. Warranty: The Stores/Items offered should be guaranteed for a minimum period of twelve months from the date of acceptance, against defective materials, design, workmanship, operation or manufacture. For defects noticed and communicated during the Guarantee period, replacement/rectification should be arranged free of cost within a reasonable period of such notification. In case where our specifications call for a guarantee period more than 12 months specifically, then such a period shall apply.
22. The Contractor/Supplier shall at all times indemnify the purchaser against all claims which may be made in respect of the stores for infringement of any right protected by Patent, Registration of design or Trade Mark and shall take all risk of accidents or damage, which may cause failure of supply from whatever cause arising and the entire responsibility for sufficiency of all means used by him for the fulfillment of the Order.
23. Successful tenderer will have to furnish in the form a Bank Guarantee or in Indemnity Bond form as called for by the Purchaser towards adequate security for the materials/property provided/issued by the Purchaser as Free Issue Material for the due execution of the Order. Insurance for the Free Issue Material shall be arranged by the Supplier/Contractor at his risk and cost.
24. Non-compliance to tender specifications and/or tender scope and/or tender terms and conditions are liable for rejection. Decision of ITER-India in respect of non-compliance shall be final and binding on the bidders.
25. Canvassing in any form with regard to this tender will lead to rejection of the bid.
26. The Project Director, ITER-India reserves the right to accept or reject any quotations fully or partly or to cancel the enquiry without assigning any reasons.
27. This enquiry is not a commitment and the Purchaser reserves the right to reject or cancel any or all offers.
28. Jurisdiction: The Order shall be governed by the Laws of India for the time being in force. The Courts of Ahmedabad/Gandhinagar only shall have jurisdiction to deal with and decide any legal or dispute arising out of this Order.
29. Unsuccessful bidders will not be intimated about the results of the enquiry/tender.
30. Purchase will not be responsible for payment of any interest to the Supplier, in case of delay in releasing payment.
31. The price evaluation shall be carried out on Landed price including taxes, duties and all other applicable charges.

FORMAT FOR SUBMISSION OF QUOTATION

Enquiry No. : II/ECH/2021/001
Name Of Party : OFFICE COPY
Quotation No. & Date :
Due on : 19/01/2021 by 5:00 PM (IST)

Sr No.	Material Description	Qty	Unit	Rate	Total
1	Installation of 24 kV AC Air-insulated indoor Disconnector Switch Unit & Other Electrical Site Works at ITER-India lab (Refer Attachment for detailed scope of work)	1	AU		
				Grand Total	

COMMERCIAL TERMS & CONDITIONS *

Sr.No	Description	Bidder's Compliance [Comply Yes/No (In case of No Please provide details)]
1	Validity Period (Refer Sr.No. 4 Of Terms and Condition)	
2	Delivery period (4 weeks from date of order)	
3	GST No. (To Specify)	
4	Udhyog Aadhar No. & Category (Micro/Small/Medium Enterprise)	
5	Discount(if any)	
6	Remarks	
7	HSN/ SAC Code (To specify)	
8	Payment: Payment will be arranged after the inspection & final acceptance of the works carried-out by the contractor, within 30 days from the date of final acceptance by ITER-India and receipt of error free bills in our accounts section, complete in all respects.	
9	Work Completion period which is 2 weeks from date of work order.	
10	GST Extra (Specify)	

* Fill in the applicable details

Place:

Authorised Signatory:

Date:

Company Seal

Installation of 24 kV AC Air-insulated indoor Disconnecter Switch Unit & Other Electrical Site Works at ITER-India lab

1. Description and details of Dis-connector Unit:

Name: 24kVAC, 400 A., 25 KA/1 Sec, Air insulated indoor Dis-connector Switch Unit with Earth Switch

Dis-connector Unit Dimensions: 650mm x 780mm x 750mm; Weight: ~80kg.

Motor Operating Box Dimensions: 565mm x 500mm x 400mm; Weight: ~60kg

Installation Height: ~4.5m

2. Scope of Work :

A. Installation of Dis-connector Unit

1. Arrangement of necessary supports such as scaffoldings, ladders, etc., for facilitating the installation at the specified height (To be arranged by the Contractor).
2. Installation (wall mounting) of SS Bracket provided by ITER-India on the concrete wall at a height of about 5.5m using M16 anchor fasteners for Chain Pulley arrangement. The Chain Pulley will be provided by ITER-India.
3. Installation (wall mounting) of Dis-connector Unit (Provided by ITER-India) at the required location in the ITER-India, ECRH Lab, which is at a height of about ~4.5m from floor, using M10 anchor fasteners
4. Wall mounting of the motor operating box in alignment with the installed dis-connector unit.

B. Cable Termination Work

1. Removal of 1Cx95sq.mm XLPE cable from existing cable tray for a length of ~10m.
2. Laying of cable till Dis-connector unit with cable supports/clamps. Cable supports and clamps are to be arranged by the Contractor.
3. Termination of cable with proper cable kits at three points, two (2) at dis-connector unit and one (1) at another end of HT cable.
4. Termination kit should be new and of reputed make.
5. Laying of 1Cx95sq.mm XLPE cable from existing cable tray for a length of ~10m.

C. Copper Plate Mounting

1. Fixing of M12 anchor fasteners (Quantity: ~9) on the concrete wall as per the requirement
2. Drilling holes on the Copper plate of approximate dimensions 1250mm x 1250mm x 3mm (to be provided by ITER-India) in accordance with the anchor fasteners in the wall.

3. Mounting of insulator supports (to be provided by ITER-India) on the wall.
4. Mounting of Copper plate on the insulator supports.

D. Copper Foil Laying

1. Cutting to the required size and laying of copper foil (with a dimension of 300mmx1mm) for an approximate length of 25meters in EC Lab on the floor.
2. Connecting the copper foil to the Copper Plate on both ends as per the requirement
3. Fixing of copper foil onto the concrete floor, on both ends along the laying length with appropriate fasteners/screws/rivets.

Note: Necessary **Anchor fasteners**, cable fasteners & clamps, tools, jigs, equipment etc. that are suitable for concrete walls/floors, are to be brought by the Contractor. The installation height is 4.5m & necessary scaffolding structures are to be arranged by the Contractor.

3. Time frame of Work Completion

The stated work needs to be completed on urgent and priority basis. The work shall be completed within 2 weeks from the date of work order.

4. Final Acceptance

ITER-India representative will inspect the work & give final acceptance. Discrepancies if found any, should be resolved.

5. Safety Practices at ITER-India

The contractor is required to take necessary measures to ensure the safety of personnel & equipment. The contractor is fully responsible for the safety of the man & machinery while executing the site work. Site safety norms are to be followed.

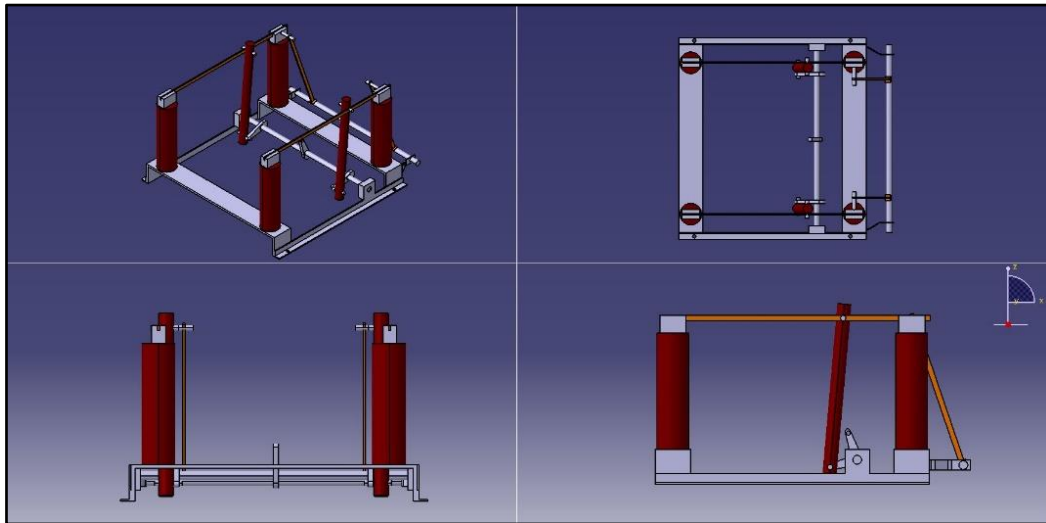
6. Proposed Installation Steps of Disconnecter Unit

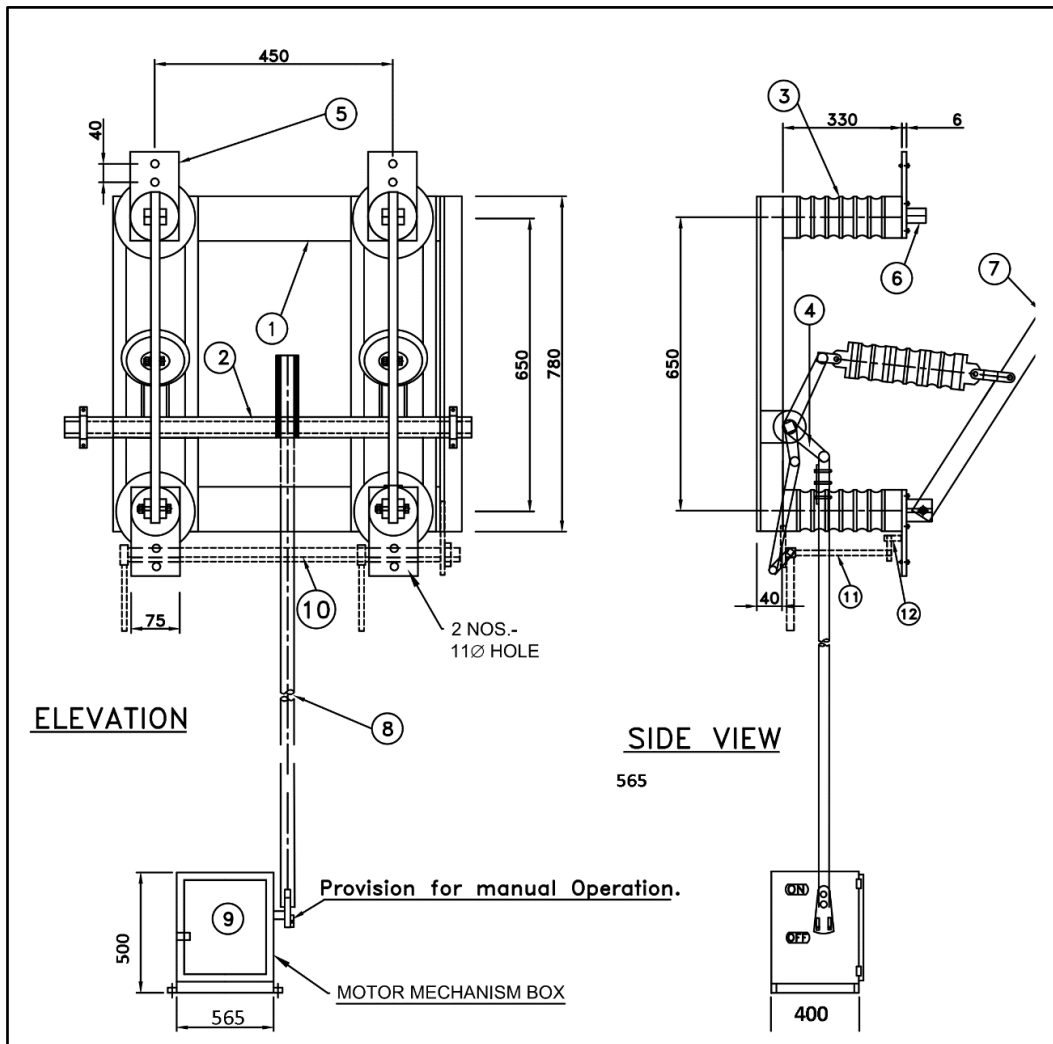
- A. Preparation of scaffolding at the required operating height of about 5.5m for the SS bracket which will be used for chain-pulley arrangement (SS bracket will be provided by ITER-India) at the installation location.
- B. Installation of SS Bracket on the concrete wall at a height of about 5.5m using M16 anchor fasteners (Quantity: ~6).
- C. Fixing of M10 anchor fasteners (at least 4-6 or as necessary), on the concrete wall as per the template of the dis-connector unit.
- D. Mount the chain pulley (Chain Pulley will be arranged by ITER-India) on the SS Bracket.
- E. Lift the Disconnecter unit using the chain pulley slowly till the Disconnecter unit reaches template position.
- F. Align and fasten the dis-connector unit with the already installed anchor fasteners.

- G. Affix the operating rod on the dis-connector unit using the provision available & mark the location of motor operating box.
- H. Align the motor operating box with reference to the operating rod.
- I. Test & Operate the unit to verify the proper alignment.
- J. Remove the chain pulley from the SS Bracket safely without any impact to the dis-connector unit.
- K. Remove the scaffolding access from the installation location.

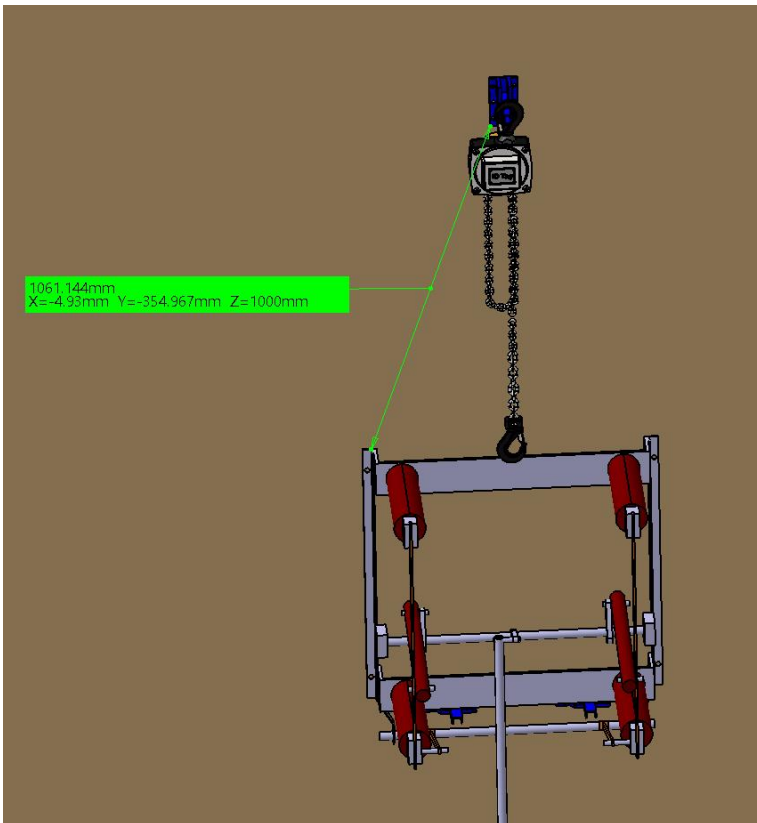
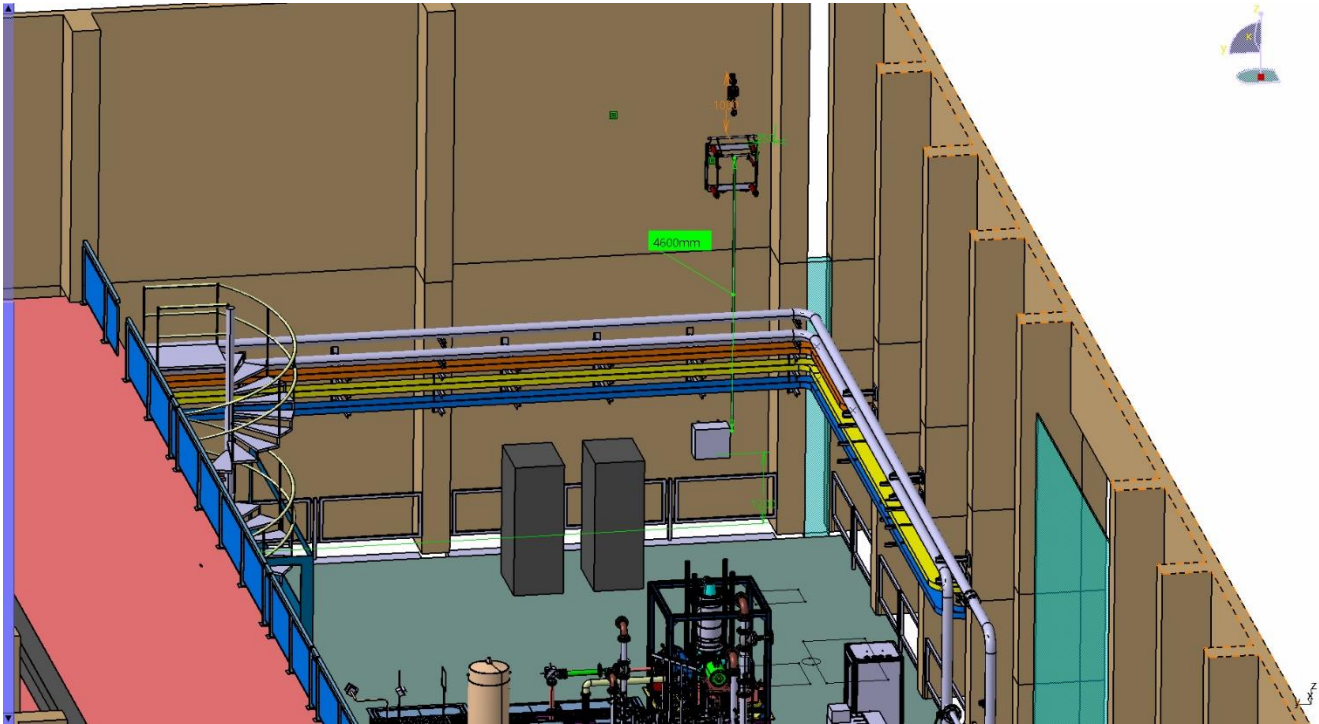
7. Drawings & Images

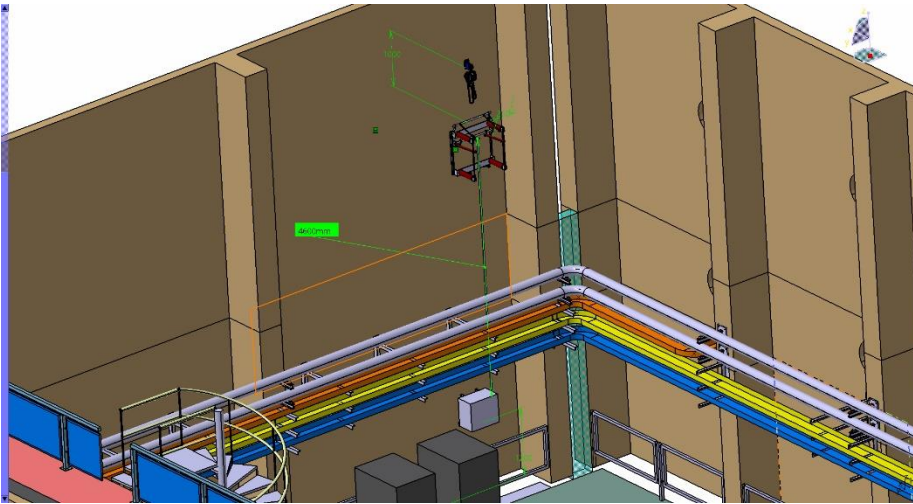
a. Disconnector Unit (To be provided by ITER-India)



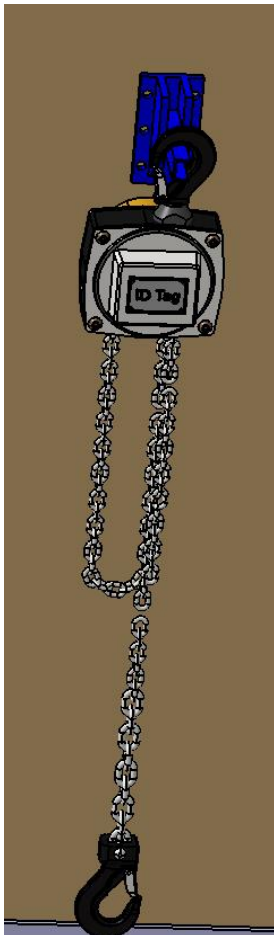


b. Installation Location

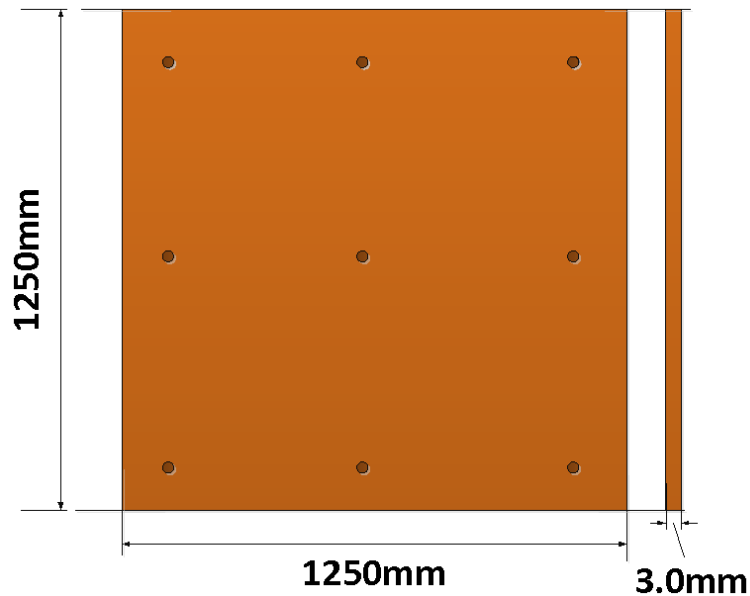




c. SS Bracket & Chain Pulley (To be provided by ITER-India)



d. Copper Plate (Plate to be provided by ITER-India)

**8. Site Visit:**

Since the job is site specific, interested bidders are required to visit the site with prior appointment on any working day between 9:30 AM to 5:30 PM for better understanding the work scope before submitting the bid.

9. Bid Submission:

Bidders need to submit the following documents along with their price bid. Failing which their bid may not be considered for evaluation.

- 1) Signed and stamped copies of the tender document as a proof of confirmation that the bidder has studied the tender document and agrees with the specified scope of work
- 2) A self-declaration letter (refer Annexure-1 below) stating that the bidder has indeed visited the site and acquainted with the site-specific requirements. And if awarded the job, he/she would complete the task within the stipulated duration (2 weeks from the date of the Work Order)
- 3) Price Bid as per the template

Annexure-1: Self declaration

To
The Manager,
ECRH Group
ITER-India

Ref: Enquiry Number ----

Sub: Self declaration regarding the site visit

Dear Sir,

I confirm that I have visited the site and acquainted with the work scope before submitting the bid. And I also confirm that, if the job is awarded to me, I will complete the Job within the stipulated time (2 weeks from the date of work order) on urgent and priority basis.

Signature -----

(Bidder Seal/Stamp)

(Name of the Bidder)

Date: