



www.iter-india.org

## ITER-India, Institute for Plasma Research

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Email : purchase@iter-india.org

### ENQUIRY - LOCAL

OFFICE COPY                      ENQUIRY NO                      : I-IEN19030  
Date                                      : 05/09/2019  
Due Date                                : 24/09/2019 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 Service Tax (CGST) Notification No. 45/2017-Central Tax (Rate) dated 14th November, 2017, State Goods and Service 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 for supply of Goods. Therefore, please consider GST in your quotation accordingly.

Sr No.	Material Description	Quantity	Unit
1	Safety fencing for Power supply equipment	1	NOS

#### Note :

- (1) Submit your quotation AT THE ABOVE ADDRESS.
- (2) Any clarification on this enquiry may be sought from the Purchase Officer, ITER-India
- (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) Payment shall be made within 30 days from the date of final acceptance of ordered items of purchaser's site and on receipt of error free invoice and other necessary documents at our end.
- (6) Technical Specifications are given in the attached Annexure I (6 Pages) column of bidder specification to be filled and duly signed and stamped sheet needs to be submitted along with the offer.
- (7) Bidder shall sign & stamped each & every page of Enquiry and Annexure which will be considered as token of acceptance by the bidder.

Encl:- as above

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

## 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 to
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 to the Purchase Officer, ITER-India 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. The quoted prices should be firm for a period of 90 days from due date for placing order. 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.
4. The bid documents shall be prepared in English language only
5. All pages of the bid documents shall be numbered. Each page of the bid document shall be stamped and initialized.
6. 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
7. 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
8. ITER-India and their authorized representatives may visit the Contractor/Sub-contractors if required as part of technical evaluation process
9. ITER-India reserves the right to place order on one or more parties.
10. 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 Purchase Officer before submitting quotation.
11. Terms of Prices : Quotation should be submitted on door delivery basis, duly packed & insured without extra charge wherever possible..In the case of Indian suppliers, the material is to be delivered at our stores free of charge duly packed & insured.
12. 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.
13. 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.
14. 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.
15. 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.
16. Octroi is not applicable at present.
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. Delivery period shall be clearly indicated against each item separately.
19. Liquidated Damages The successful Vendor/Bidder should pay liquidated damages @ ½% (half percent) of the total order value for the delay of each week in the scheduled date of delivery / completion of the work envisaged in the Order subject to a maximum of 5% (Five percent) of the total Order value.
20. 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.
21. 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.
22. No correspondence will be entertained within 30 days from the date of receipt of material and bills, whichever is later.
23. 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.
24. 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.
25. 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.
26. 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.
27. Canvassing in any form with regard to this tender will lead to rejection of the bid.
28. 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.
29. This enquiry is not a commitment and the Purchaser reserves the right to reject or cancel any or all offers.
30. 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.
31. Unsuccessful bidders will not be intimated about the results of the enquiry/tender.
32. Purchase will not be responsible for payment of any interest to the Supplier, in case of delay in releasing payment.
33. The price evaluation shall be carried out on Landed price.

## FORMAT FOR SUBMISSION OF QUOTATION

Enquiry No. : I-IEN19030  
Name Of Party : OFFICE COPY  
Quotation No. & Date :  
Due on : 24/09/2019 by 5:00 PM (IST)

Sr No.	Material Description	Qty	Unit	Basic Rate (INR)	Total (INR)
1	Safety fencing for Power supply equipment	1	NOS		
				Grand Total	

### COMMERCIAL TERMS & CONDITIONS \*

Sr.No	Description	Bidder's Response
1	Free delivery	Comply Yes/No (In case of No Please provide details)
2	Delivery Period (6 Months)	Comply Yes/No (In case of No Please provide details)
3	Payment:ITER-India payment terms will apply (Please Refer Sr. No. 5 of Note.)	Comply Yes/No (In case of No Please provide details)
4	Warranty (Please Refer Sr. No. 11 of Annexure - I)	Comply Yes/No (In case of No Please provide details)
5	Validity Period (Please Refer Sr. No. 3 of Terms and Conditions)	Comply Yes/No (In case of No Please provide details)
6	GST (5% Extra as per Sr. No. 3 of Important Note)	Comply Yes/No (In case of No Please provide details)
7	GST Extra	Comply Yes/No (In case of No Please provide details)
8	GST No.	
9	HSN Code	
10	Discount(if any)	
11	Remarks	

\* Fill in the applicable details

Place:

Authorised Signatory:

Date:

Company Seal

# Technical specification for Safety fencing at I-I lab

## 1. Scope of Work:

1. Preparation and submission of manufacturing drawings for panel fabrication and get approval of manufacturing drawings by ITER-India (I-I)
2. Procurement of all required raw material.
3. Fabrication of panels using **corrugated lock crimped wire mesh** and support frame, in accordance with approved manufacturing drawings.
4. Conduct requisite tests of fabricated panels in presence of ITER-India representative at factory.
5. Packaging & loading of inspected fabricated panels at factory site, supply to I-I site and unloading at power supply (PS) hall in I-I lab, IPR Gandhinagar.
6. Erection of fabricated panels fencing (self-supporting) with help of ground anchoring (Size of anchor M16) at PS hall in I-I lab, to build safety fence ~100m (total).
7. Conduct requisite tests of all fabricated panels/safety fence at ITER-India lab after erection in presence of ITER-India representative, and submission of essential documents.

## 2. Material and Code

Raw material for panel fabrication shall be M.S (IS2062-Gr-B).

## 3. Introduction

Safety fencing shall be used to fence electrical equipment at PS hall in I-I lab. The safety fencing shall be fabricated in modular panels. Size of each panel (mentioned as main panel) is ~995mm X 2000mm) to be fabricated utilizing standard square hollow section and wire mesh. The type of wire mesh used for panel shall be corrugated lock crimped with a mesh/opening of ~ 25mmX25mm and wire diameter of  $\geq \phi 4$ mm. The material of wire mesh shall be Mild Steel (M.S.). Fabricated panels shall be utilized to build safety fence/s having total length of ~100m (including straight run and rectangular grid), maintaining uniform height of fencing. In order to complete the fence, end panels as needed shall be provided (Proposed size of end panel is ~ 495mmX2000mm). Each fabricated panel shall be self-supporting type and to be installed at power supply hall of I-I lab in IPR, Gandhinagar with help of standard floor anchoring of size M16. The ground clearance shall be  $\leq 50$ mm.

# Technical specification for Safety fencing at I-I lab

## 4. Size and Dimension for Components

Refer Figure 1 for Panel/s details (*The panel shall be fabricated with welded joints only*)

1. Vertical Post: MS Pipe of Square Hollow Section of 50mm x 50 mm x 5mm.
2. Panel Frame: MS Pipe of Square Hollow Section of 32mm x 32mm x 3.2mm.
3. Panel Support: MS Pipe of Square Hollow Section of 32mm x 32mm x 3.2mm.
4. Wire Mesh grid: MS Mesh of size 25mmX25mm, wire diameter of minimum 4mm, with sandwich frame of appropriate size.
5. Grouting Plate : MS plate of 200mm X 70mm X 10 mm
6. Main panel is 995mm x 2000mm, while end panel is 495mmx2000mm

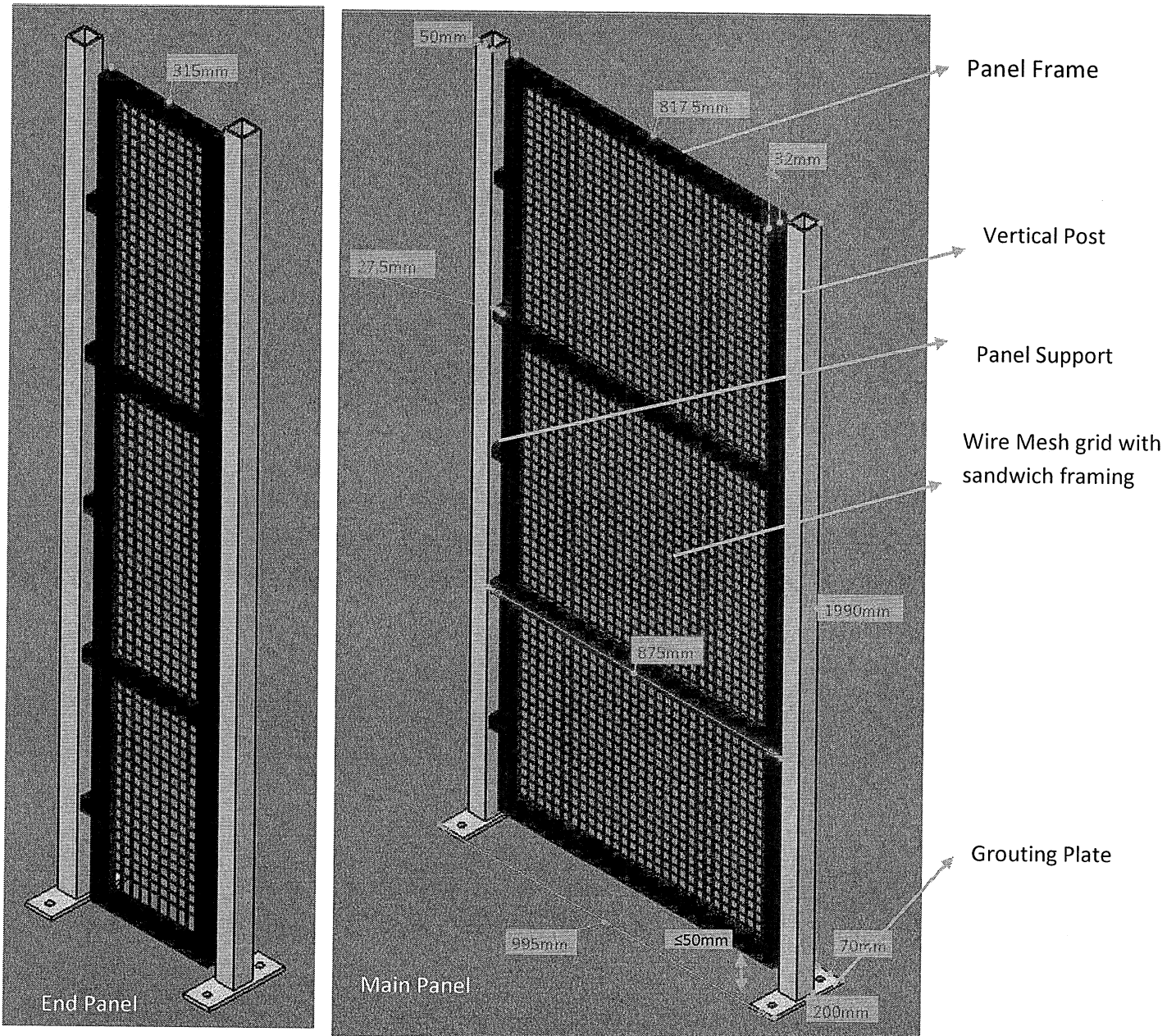


Figure-1 Dimensional and pictorial view of fabricated Panel/s

# Technical specification for Safety fencing at I-I lab

## 5. Safety fencing Installation

All Panels shall be fabricated at factory and transported to I-I site with ready to erect condition. Safety fencing shall be installed at ITER-INDIA, Lab utilizing main panels (995mmX2000mm) mostly and if needed end panels to be utilized at the end locations. Refer Figure 2, 3 & 4 for different locations

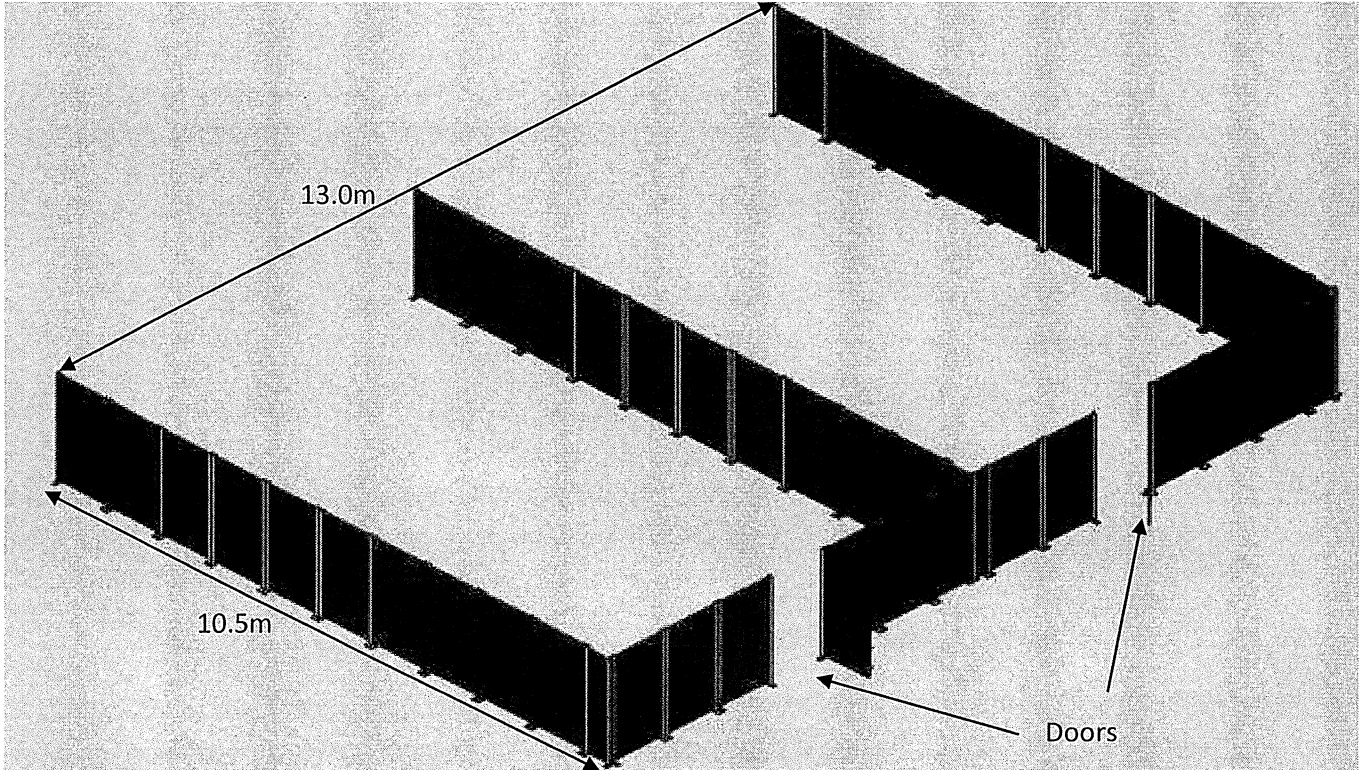


Figure 2- Safety fencing at location-A with size of 10.5m X13.0m

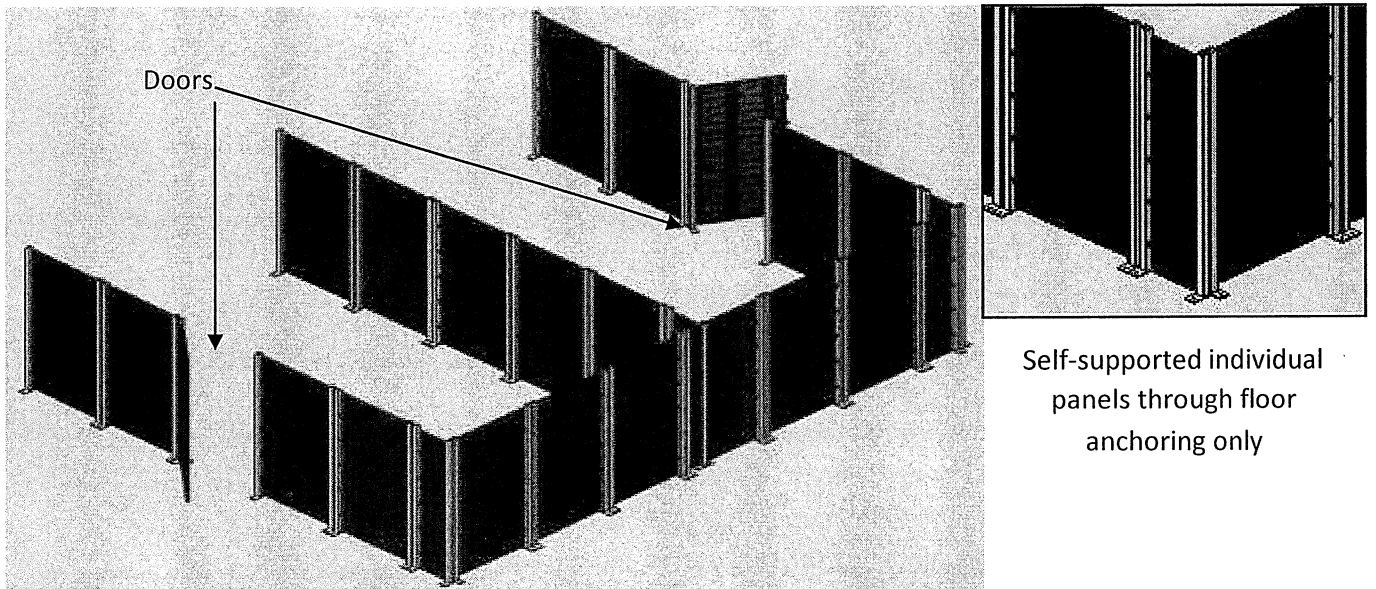


Figure 3- Safety fencing at location -B with size of 5.5m X6.50M

# Technical specification for Safety fencing at I-I lab

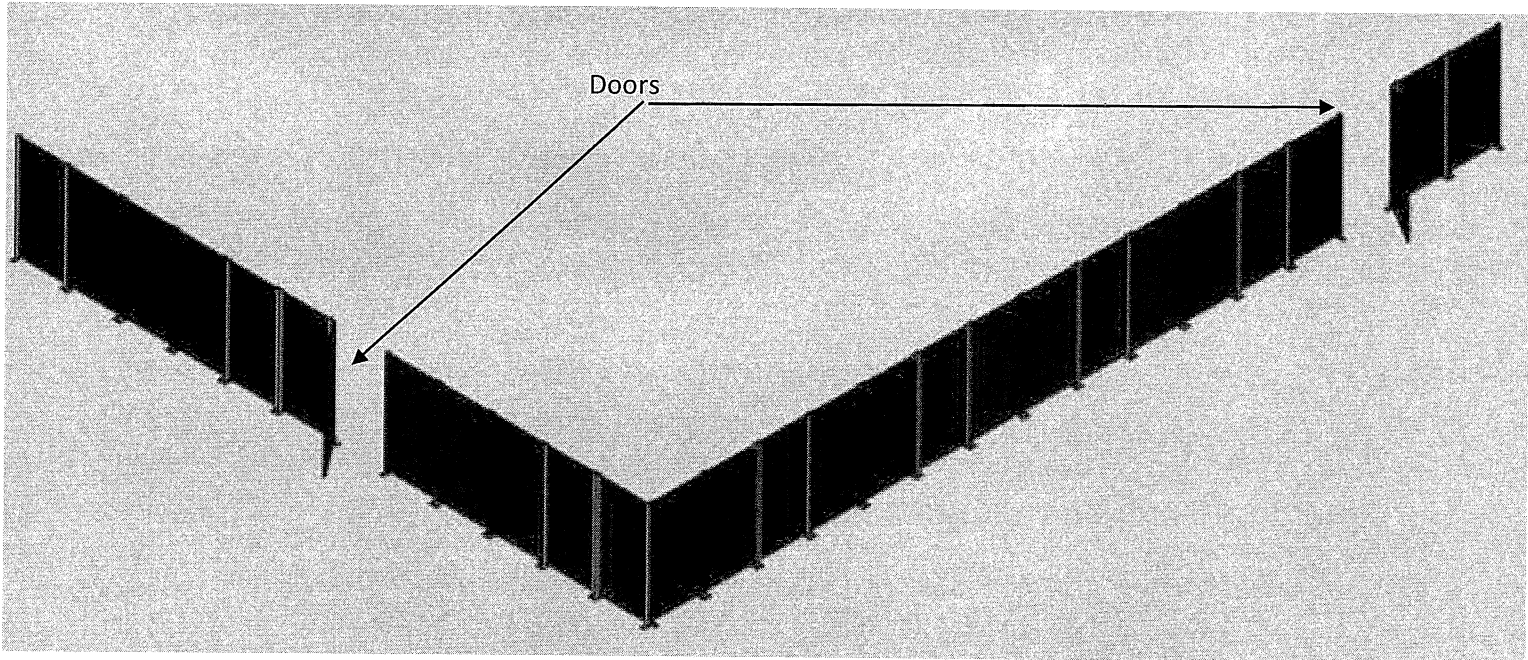


Figure 4- Safety fencing at location –C with size of 12.0 m X16.0M

*The collective length of safety fencing at location-A, B & C is ~100m. Total six doors to be provided; two at each location, door size shall be identical as main panel and to be installed using heavy duty hinge. Safety lock for each door shall be provided by ITER-India whereas it's mounting is in the scope of vender.*

## 6. Inspection and test

- Review of Raw material certificates.
- Dimensional check of fabricated panels at factory within the tolerance of  $\pm 10\text{mm}$ .
- Weld inspection (must be continuous with weld fillet size of 6mm).
- Surface adhesion test and dry film thickness test (DFT) for the powder coating in accordance with ASTM, DFT must be in range of  $80\mu\text{m}$ .
- Inspection after erection at site; verticality of erected panels (with in  $\pm 5\text{mm}$ ), mechanical integrity of fence, total length of fence.

## 7. General

- Anchoring shall be done with at least  $\sim 90\text{mm}$  of insertion of anchor into the floor.
- Only HILTI make anchor hardware to be used **with consideration of 25% chemical anchors**.
- Fillet size shall be of minimum 2mm for standard component.
- All of the sundry must be tightly fitted / fixed at any location.
- Vender is advised to visit the site before start of work.
- Fabricated panels to be provided with **powder coating**, final shade of RAL-1016(Sulphur yellow) for vertical post, grouting plate and RAL-9005 (Jet Black) for panel frame, panel support to be provided. OR Alternate panels to be colored RAL-1016/ RAL-9005.
- Suggestive note; Visit the site before manufacturing and prepare one piece before mass production.

# Technical specification for Safety fencing at I-I lab

## Other Terms & Conditions

### 8. Tax Deducted at Source

TDS as applicable under Section 194C of Income Tax will be deducted from Supplier's Bill. TDS under GST Act, As Applicable shall also be deducted from Supplier's Bill & necessary certificate shall be issued to the supplier.

### 9. Delivery Period

Manufacturing drawing should be submitted within 2 months from the date of PO acceptance and Supply to be completed on or before 6 Months from date of Drawing approval form ITER-India.

### 10. Pre – Dispatch Inspection

Representative of Purchaser shall carry out Factory Acceptance Testing at Supplier's end & Supplier shall obtain Dispatch Clearance from Purchaser before effecting the dispatch.

### 11. Warranty

Items supplied under the Purchase Order shall be warranted for a period of 01 years from date of final acceptance of Items at purchaser's site against any defects arising from faulty viz. materials, design and/or workmanship.

### 12. Purchaser site

- On site address (Purchaser's site) where fencing is to erected ITER-India Lab Building, Power Supply division, Bhat, Gandhinagar-382428.
- Purchaser shall provide electric Power for work at Purchaser's site.

### 13. Accident Liability Clause

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 equipment 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.



# Technical specification for Safety fencing at I-I lab

**Compliance sheet (duly filled and signed/stamped) to be submitted along with bid**

Parameters	Specifications	Confirmation from bidder
1. Vertical Post	M.S. (IS2062-Gr-B) Pipe of Square Hollow Section of 50.0mm x 50.0mm x 5mm, with fillet size of ~2mm.	
2. Panel Frame	M.S. (IS2062-Gr-B) Pipe of Square Hollow Section of 32mm x 32mm x 3.2mm, with fillet size of ~2mm	
3. Panel Support	M.S. (IS2062-Gr-B) Pipe of Square Hollow Section of 32mm x 32mm x 3.2mm, with fillet size of ~2mm.	
4. Wire Mesh	MS corrugated lock crimp with mesh size of 25mmX25mm and wire dia. ≥4mm.	
5. Grouting Plate	MS (IS2062-Gr-B) 200mm X 70mm X 10 mm with fillet size of ~2mm.	
6. Fabricated panel	Main panel 995mmX2000mm End Panel 495mmX2000mm	
7. Anchor hardware	HILTI make of M16 size	
8. Length of fencing	Total length (~100m)	
9. No of doors	Six in numbers	
10. Surface coating	Powder Coating and test as per ASTM with DFT in range of 80µm	
11. Color code	Vertical post and Grouting plate should be Yellow (RAL1016) and Panel frame, Panel support, wire mesh should be Black (RAL9005) in color. <b>OR</b> Alternate panels to be colored RAL-1016/ RAL-9005.	