



www.iter-india.org

ITER-India, Institute for Plasma Research

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ENQUIRY - LOCAL

OFFICE COPY ENQUIRY NO : I-IEN19061
Date : 17/01/2020
Due Date : 03/03/2020 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	Copper Busbar installation, MV cable laying and termination work as per technical specification	1	AU

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) Technical Specifications and drawings are given in the attached Annexure-A (4 Pages), Bidder shall duly sign & stamp both the pages and submit along with the offer. This shall be treated as acceptance of specifications & Scope of work / supply by bidder.
- (6) Payment shall be made on actual qty. supplied & installed & will be released within 30 days from the date of final acceptance of ordered services/items and on receipt of error free invoice and other necessary documents at our end.
- (7) The bidder under the category of MSME Enterprise shall attach a MSME Certificate (Udhyog Aadhar) along with the offer.
- (8) On site address : ITER-India Lab Building, Power Supply Lab, Institute for Plasma Research (IPR), Bhat, Gandhinagar.
- (9) GST @ 5% (refer Sr. No. 3 of Important note above) to be levied for supply (i.e. Sr. No. 3 & 4 of price bid format) and GST @ 18% to be levied for Services (i.e. Sr. No. 1, 2 & 5 of price bid format).
- (10) TDS as applicable under Income tax Act shall be deducted from the invoice & certificate in this regard shall be issued by the Purchaser.

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. 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.
20. 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.
21. No correspondence will be entertained within 30 days from the date of receipt of material and bills, whichever is later.
22. 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.
23. 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.
24. Successful tenderer will have to furnish in the form a Bank Guarantee or 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.
25. 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.
26. Canvassing in any form with regard to this tender will lead to rejection of the bid.
27. 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.
28. This enquiry is not a commitment and the Purchaser reserves the right to reject or cancel any or all offers.
29. 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.
30. Unsuccessful bidders will not be intimated about the results of the enquiry/tender.
31. Purchase will not be responsible for payment of any interest to the Supplier, in case of delay in releasing payment.
32. The price evaluation shall be carried out on Landed price.



Annexure- A Technical Specification for Busbar installation and cabling work

1. Scope :-

This specification covers the following major activities;

- Busbar installation
- HV Cable laying and termination work


2. Busbar Installation :-

2.1 Contractor has to carry out Installation of 80x10mm busbar on existing support frame mounted over transformer including following activities

- HV post insulator mounting (4# per phase, total 12 Nos.) on existing support frame. Existing busbar support frames has integrated hardware for post insulator mounting, no additional hardware's are required
- Busbar cutting, bending and drilling as per layout requirement. Edges of the busbar after cutting drilling shall be rounded.
- Busbar joints shall be of overlapped type and complete with high tensile bolt, washers and nuts. Six hardware sets of M10 size shall be used to prepare single joint
- 80mmx10mm, 300mm long, 10 nos copper strips are used to connect two adjacent busbar sections. Supply of fabricated copper strips are in contractor scope. Contractor may consider any other size of copper strips, however total cross section area to be maintained of 800mm².
- Busbar shall be fixed with post insulator using M16x1Nos and M10x2 Nos hardware set on each post insulator.
- Busbar ends shall be covered with "Busbar end cap" of Red, Yellow and Blue colour
- Busbar laying length shall be approximately 20 meters for three-phase system.

2.2 Contractor has to carry out Installation of 25x5mm busbar on floor including following activities

- Fixing of LV post insulator on floor using M12x40mm threaded stud
- 25x5mm Busbar laying and fixing with LV post insulator-using M12x30mm as per layout.
- Busbar will be connected with earthing point on device as per layout and purchaser instruction
- Busbar cutting, bending and drilling as per layout requirement. Edges of the busbar after cutting drilling shall be rounded.
- Busbar joints shall be of overlapped type and complete with high tensile bolt, washers and nuts. Two hardware set of M8 size shall be used to prepare single joint
- Busbar laying length shall be approximately 30 meters. LV post insulator shall be placed at 1meter interval

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Only SS hardware shall be used for installation work

Purchaser will provide 80x10mm and 25x5mm copper busbar, and HV-LV post insulators in required quantity (Free Issue material). Single busbar length shall of 4 meter.

3. Cable laying and termination work:-

Contractor has to carry out HV cable laying work in existing cable tray including following activities

- Single run cable laying for 185sq.mm, Al conductor, XLPE insulated, 3 - Core, 22kV, HV cable in existing cable tray
- Termination for cable at both the ends using HV termination kit for indoor application, suitable for above cable.
- Cable termination connection with HV distribution board and Busbar
- *Cable dressing / laying shall ensure stress free connection with device. If required additional support shall be provided*
- Cable laying length shall be 25 meters approximately. Termination kit shall be from 3M / Raychem only.
- Purchaser will provide HV cable in required quantity. However, contractor has to unwind and cut the cable from cable drum.
- Purchaser will perform Insulation test (5kV/10kV) on prepared cable / terminations. Contractor is liable for successful demonstration.

4. Site work and safety :-

Contractor has to ensure not damage to purchase equipment's on which work will be carryout or any adjacent system. In case of damage, contractor has to repair to ensure its indented performance. High voltage safety practice shall be followed. Contractor has to clean the site after work. Purchaser representative shall be available on site for necessary instruction for installation work and layout.

5. Delivery time:-

Contractor has to complete the all activities within three weeks from PO date.

6. Accident Liability:-

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.

Annex A(I) – Busbar layout drawing (Typical)

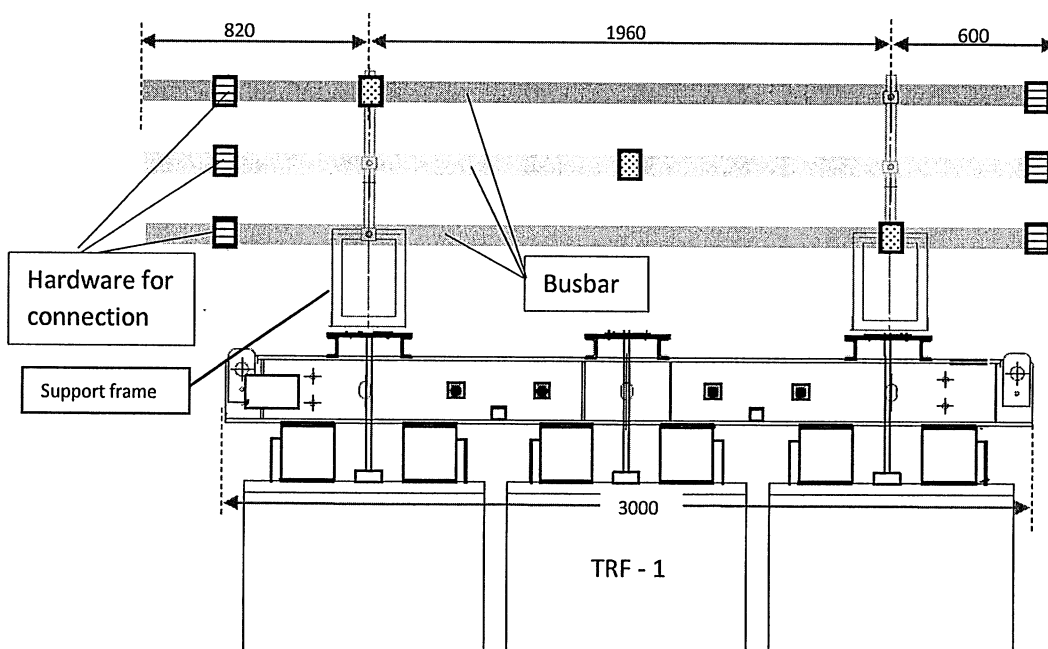
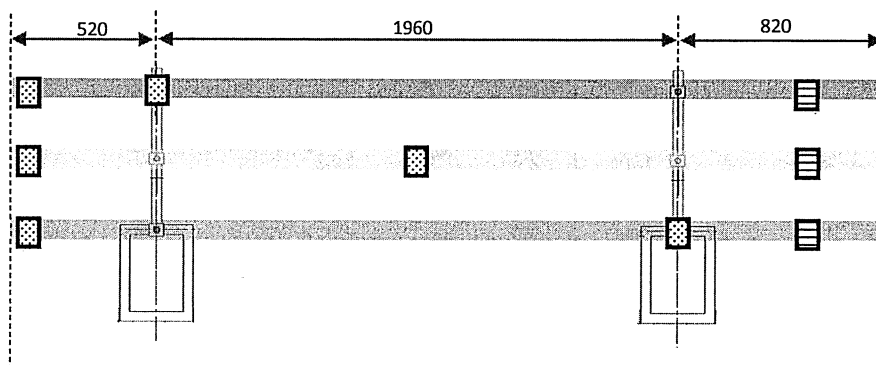



Figure 1 : Front view showing busbar layout and mounting detail for TRF-1



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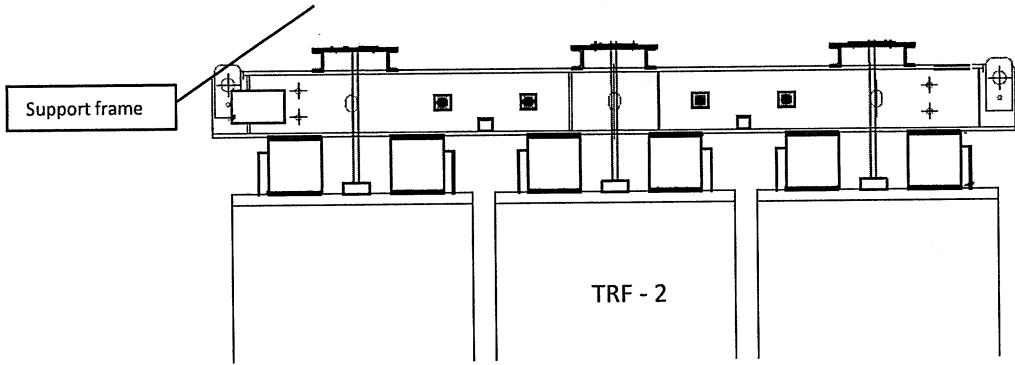


Figure 2 : Front view showing busbar layout and mounting detail for TRF -2

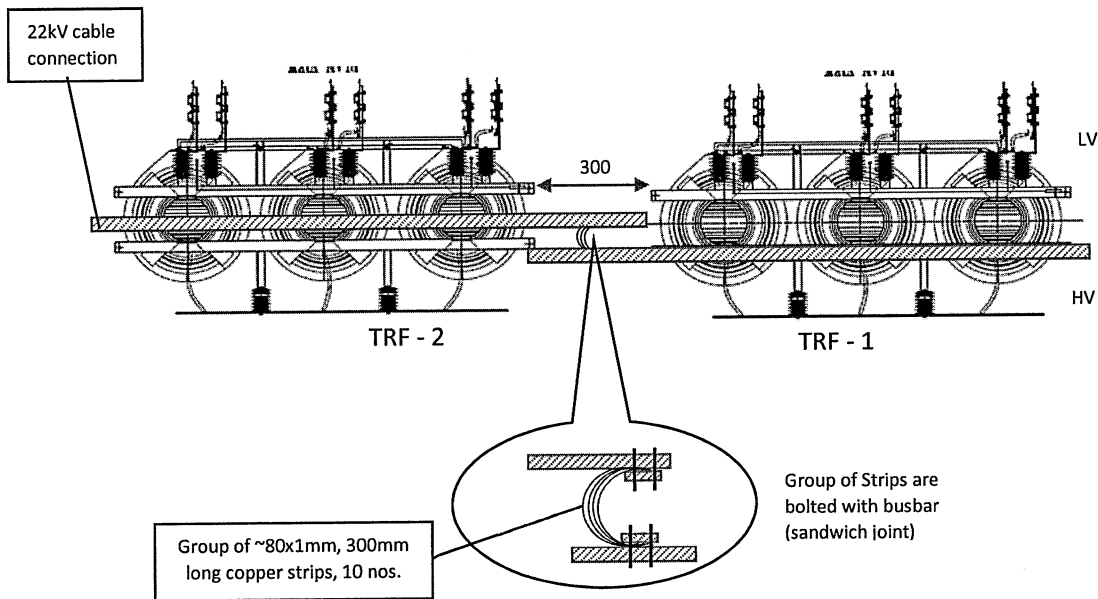





Figure 3 Top view for the TRF -1 and TRF 2, showing detail for busbar connection between two busbar sections

Note:

1. All dimension are in MM
2. Layout shown here is for guideline purpose only, it may modify during work execution as per site constrain
3. Contractor has to verify the dimension before start of work
4. Hardware connection marked with  symbol represent the cable connection
5. Hardware connection marked with  symbol represent the busbar to busbar connection

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Annexure – B Price bid format

Sr. No.	Description	Quantity	Unit	Unit Rate	Amount
1.	Installation of 80x10mm copper busbar as per section 2.1 (including SS hardware for busbar mounting / joining)	20	Mtr.		
2.	Installation of 25x5mm copper busbar as per section 2.2 (including SS hardware for busbar mounting / joining)	30	Mtr.		
3.	Supply of fabricated copper strips (800mm ² equivalent area) and 300mm long copper strips	03	Nos.		
4.	Supply of HV termination kit and cable termination as per section 3	02	Nos.		
5.	Cable laying work as per section 3	25	Mtr		
6.	TOTAL				

COMMERCIAL TERMS & CONDITIONS *

Sr.No	Description	Bidder's compliance
1	Payment:ITER-India payment terms will apply (Refer Sr. No. 6 of Note)	Comply Yes/No (In case of No Please provide details)
2	Validity Period (Refer Sr.No. 3 Of Terms and Condition)	Comply Yes/No (In case of No Please provide details)
3	Completion Period (Refer sr. No. 5 of attached Annexure-A)	Comply Yes/No (In case of No Please provide details)
4	Warranty (Refer Sr.No. 22 Of Terms and Condition)	Comply Yes/No (In case of No Please provide details)
5	GST @ 5% on Sr. No. 3&4 and GST @ 18% on Sr. No. 1,2 & 5	Comply Yes/No (In case of No Please provide details)
6	GST No. (To Specify)	
7	SAC Code (To Specify)	
8	Udhyog Aadhar No. & Category (Micro/Small/Medium Enterprise)	
9	Discount(if any)	
10	Remarks	

* Fill in the applicable details

Place:

Authorised Signatory:

Date:

Company Seal