

Technical Specification for packaging and Transport of TL segment

1. Scope

1. Assessment of overall size and weight distribution of TL segment
2. Prepare demountable wooden packing for the TL segment with plinth at ITER-INDIA site.
3. Mount TL segment on the plinth, wrap with LDPE and complete the wooden packing all around.
4. Demonstrate demounting and re-mounting of the complete package.
5. Demonstrate lifting of the complete package.
6. Transport packed component from IPR, Gandhinagar to ARAI – HTC, Chakan, Pune.
7. Demount the wooden packaging at ARAI – HTC, Chakan, Pune and release TL segment from plinth.
8. Re-mount TL segment on plinth, wrap with LDPE and complete the wooden packing all around at ARAI – HTC, Chakan, Pune.
9. Transport package from ARAI – HTC, Chakan, Pune to IPR, Gandhinagar.
10. Loading/unloading at IPR site and ARAI – HTC, Chakan, Pune site is not in the scope.
11. Comprehensive Insurance including transit to be provided by bidder, estimated value of TL segment is ~Rs.20 Lakhs.

2. Technical specification

A segment of Transmission line as shown in below figure-1 with a dimension of 1.5m X1.5mx1.5m with an overall weight of 950Kgs. It is made of SS but has some delicate components like porcelain insulator inside, those need extra care during packaging and transport. The components must be wrapped with LDPE properly.

The wooden packaging must be suitable for lifting, component should be bolted with ground / wooden plinth. The component should be latched. The component must not have any kind of free movement after wooden packaging. Prime grade Pine wood shall be utilized for packaging.

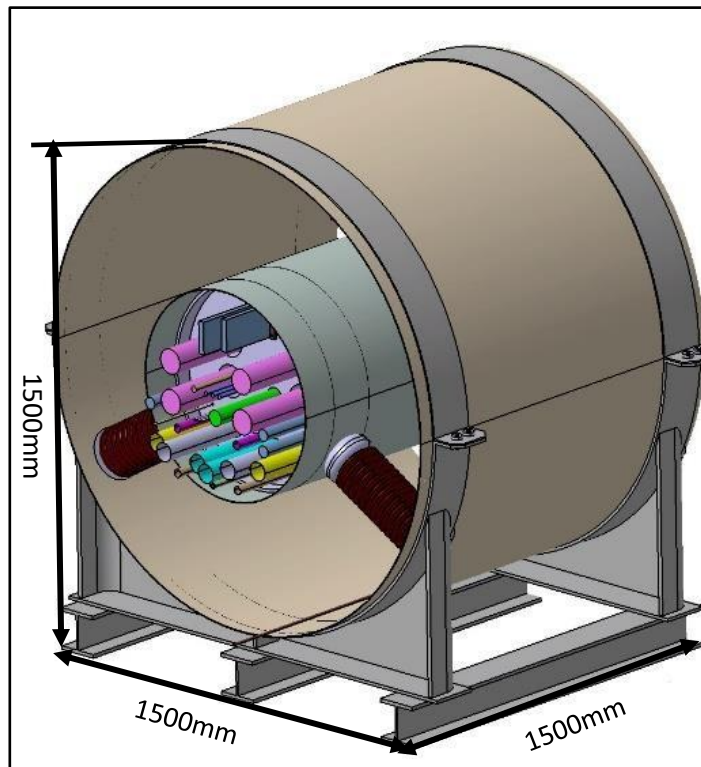


Figure-1 Transmission line segment

3. Inspection

1. Proper mounting /de-mounting arrangement will be checked
2. The component must be tightly fit /latched.
3. Demonstration of demounting and re-mounting of the complete package.
4. Demonstration of lifting trials at IPR site, lifting arrangement to be provided by Iiter-India, IPR.

4. Essential clause to bid:

The bidder must visit the working site in presence of ITER-INDIA representative, to comprehend the site condition and packaging requirement of the component at the actual site. The bidder has to submit the below site visit certificate duly filled and signed along with the bid as a token of understanding and acceptance of complete scope, failing which the bid shall be summarily rejected.

Site Visit Certificate

Date:

Enquiry / Bid No.	
Date	
Item Description	
Due Date for Bid submission	

This is to confirm that

Mr.

of Messrs.

has / have visited the site at ITER-India Lab, Institute for Plasma Research on

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to understand the scope of supply, work, technical specifications and get acquainted with the tender requirements related to above mentioned enquiry / tender.

Bidder's
Signature:
Date:

Coordinator, ITER-India, IPR

Signature:
Date: