

Queries & Clarifications

1. In Main support structure drawing can we be able to change section pattern (Top hollow section detail section C (60X60) & section B (90X90)) as per availability in the market?
ITER-India: The section patterns need not be exactly identical as long as the opted sections complies with the technical requirement mentioned in the tender document (Linear mass density, area moment of inertia etc.). However, the profile should not be completely hollow.
2. Top SS Plat arrangement clarification required.
ITER-India: SS 304 Plate need to be installed as per dimensions provided in drawings, Plates need to be screwed (Screw joint) with top Aluminum frame using appropriate counter bore holes done on Top Plates.
3. Level feet pad capacity is mentioned 1 ton in drawing. Is it per pad or total pad shown in drawing?
ITER-India: 1-ton capacity is per pad (level feet pad) requirement. So for 8 pads the total capacity would be 8 ton
4. What is the application of this Support Structure?
ITER-India: Main support structure-1 is to be used for 2-ton cylindrical load application having an extended portion passing through central hole of the support structure. Other support structures are for mounting the connected accessories with main load.
5. How to address the SS Bracket unavailability in market?
ITER-India: SS Brackets are generally available as standard accessories with reputed aluminum profile manufacturers, but in case of unavailability the following alternative may be considered,
 - a. For 90 X 90 Al cross section: (SS 304) 90mm X 90mm X 5 mm L angle with stiffeners can be used.
 - b. For 60 X 60 Al cross section: (SS 304) 90mm X 90mm X 8 mm L angle with stiffeners can be used.
6. Does FEA analysis for whole assembly is required?
ITER-India: Support structure has been designed for required load and has been analyzed for the same. Though it is not mandatory, if a supplier wants to do an analysis to further cross check, he may do so at his own discretion.
7. Support structure 2 in grid hole mentioned M6, is it a tapped hole?
ITER-India: Yes, they are tapped holes for arresting jigs to be placed on them.
8. SS Plate to be used of same thickness for the all support structure?
ITER-India: For the Main Support structure-1 it is to be of 20 mm thickness and for Support structure-2, 3 and 4 it is of 10 mm, please refer drawings for dimensions.
9. Perforated sheets to be used in different support structures are to be procured or can we fabricate it our shop floor?



Pre-Bid Queries & Clarifications

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ITER-India: It is recommended to procure the finish products directly from suitable suppliers (such as Optical component manufacturers), however if the required finish and quality can be maintained, then the supplier may opt to produce the same in the shop floor.

10. Can we supply the assembled structure at site?

ITER-India: Since installation site is being at 3rd floor of ITER-India Lab building, handling issue can be prominent, hence it is recommended to supply the structure in disassembled form and perform the installation and assembly at site after the delivery.

11. Does instrumentation to be brought by the supplier for measurements during installation?

ITER-India: Yes, supplier has to bring all the required instrumentation and tools for measurements and installation during assembly of support structure at site.

12. Is load test required at supplier end?

ITER-India: No, load testing is not in the scope of supplier.

13. In perforated sheet, M6 tap hole or bolt hole?

ITER-India: In perforated sheets mentioned M6 holes are tapped hole.

14. Can you suggest any known sources of supply for the aluminum profile sections?

ITER-India: The bidders, may explore any reputed makes/brands for the aluminum profile sections such as Rexorth, Parker, Phoenix and others, and select suitable complying products on their own discretion. Please note that as such ITER-India is not endorsing any specific brand or make for the aluminum sections as long as they are of requisite quality and meets the specifications. However, in order to establish the compliance, the bidder has to submit published product datasheets/catalogues containing the relevant specifications as an evidence.

15. Is a test certificate (TC) can be supplied instead of the requested data sheet for the specification compliance?

ITER-India: No, the published product data sheets/catalogues are necessary to be submitted along with the bid as a proof of technical compliance.