

LFSR and TIP Captive Support Procurement Description

US ITER is looking to procure the structural steel portions of 16 waveguide supports (9 identical supports for LFSR and 7 identical supports for TIP, see image 1 and 2 below). The supports consist of European steel sections as follows:

- S355JR plate material: Baseplate (15 mm Thick), adapter plates (15mm Thick), lugs (20 mm Thick)
- S355 HEB-100 I beams x 240 mm long
- S355 UPN100 Channels x 2100mm long

Procurement scope would only include the steel section and fasteners to attach the I-Beam and Channel Assemblies. *Pipe clamps, U-bolts and other components that attach the waveguide to the support is out-of-scope.*

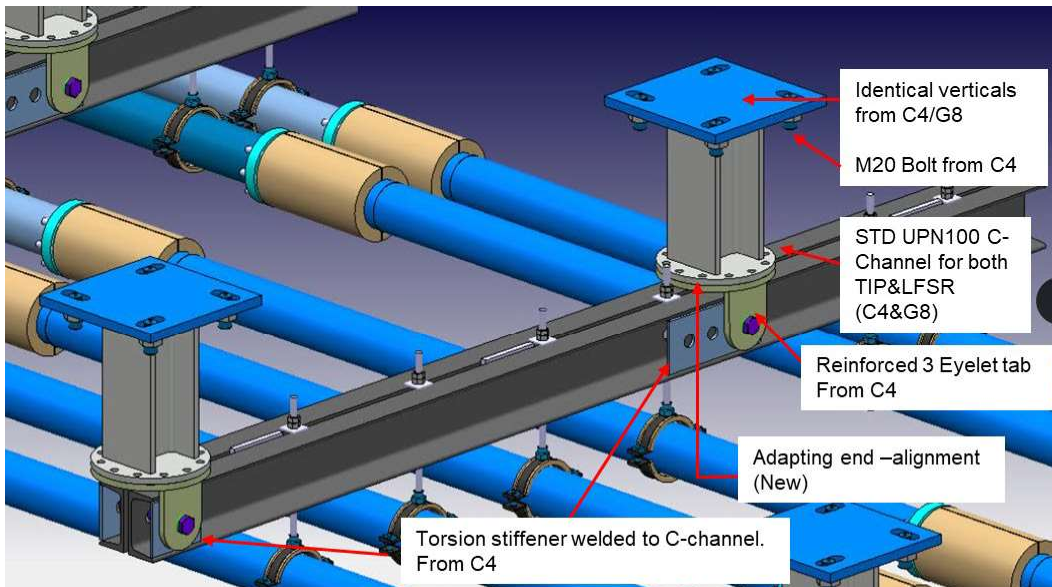


Figure 1: LFSR Captive Supports (9 total Supports)

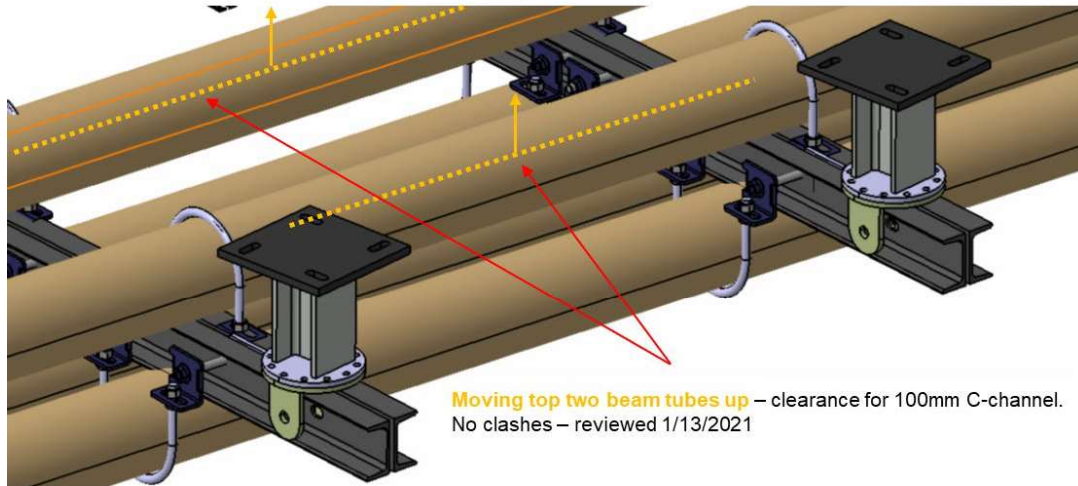


Figure 2: TIP Captive Supports (7 Total Supports)

Codes and Standards

Fabrication of the supports would be to European and ISO standards:

- Steel material in accordance with EN 10025-1
- Weld Material in accordance with EN 10204
- Bolt Material in accordance with ISO 898-1
- Weld Procedure in accordance with EN ISO 15607, 15609, and 15614

Estimated Schedule

Estimated contract award – May 31st 2021

Required Delivery – September 1st 2021