

	AMENDMENT-1 TO TENDER (DESIGN, DEVELOP, TEST & DELIVERY OF OPTICAL FIBER BUNDLE ASSEMBLY FOR CXRS-PEDESTAL DIAGNOSTICS)	Tender Notice No.
		I-ITN21001

Amendment-1 (Annexure-B)

Except the changes as per this Amendment in Tender notice I-ITN21001 dated 26th April 2021, all other Essential Eligibility Criteria, Scope of Work, Technical Specifications, Terms and Conditions of the tender documents shall remain unchanged.

Amendment Issue Date:

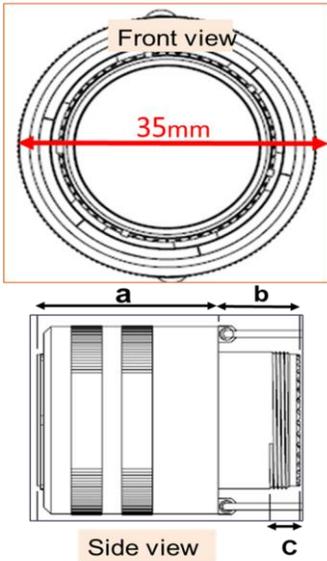
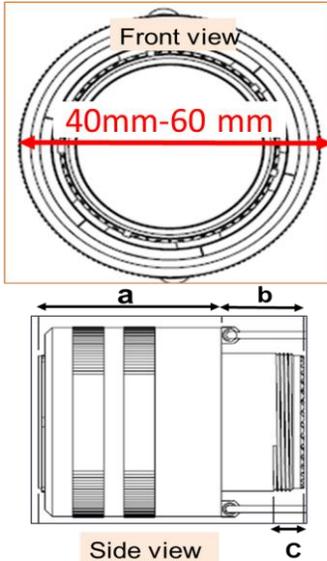
References:

1. Tender Notice No. I-ITN21001, dated 26th April 2021
2. Pre-bid Queries & Clarifications to bidders
3. Pre-bid Meeting with bidders, dated 17th May 2021

With reference to the above, this is an Amendment-1 is issued to the Tender Notice No. I-ITN21001 dated 26th April 2021 for “Design, Develop, Test & Delivery of Optical Fiber Bundle Assembly for CXRS-Pedestal Diagnostics”. This amendment forms an integral part of the original tender documents of the above referred tender and needs to be taken in consideration while preparation of bid by the bidder.

Sr. No.	Tender Clause No.	Existing	To be read as
1	2.2 Specifications of Termination B & C of Part-A(II) Technical Specifications	The termination B and C are required for fiber bundle to bundle coupling to couple the all 36 fibers (channel 1 fiber#1 of B to channel 1 fiber#1 of C and so on) and shown in Figure 3 (a). The connector can be any one of the available standard Commercial off-the-shelf (COTS) item. The proposed connection scheme is as shown in Figure 3 (b) & (c) or if the proposed scheme is not possible then an alternative arrangement can be quoted or discussed with us to meet the performance and dimensional requirements. Any suitable outer casing configuration (Threaded/ bayonet or any other suitable option) can be chosen for considering the quick coupling and decoupling	The termination B and C are required for fiber bundle to bundle coupling to couple the all 36 fibers (channel 1 fiber#1 of B to channel 1 fiber#1 of C and so on) and shown in Figure 3 (a). The connector can be any one of the available standard Commercial off-the-shelf (COTS) item. The proposed connection scheme is as shown in Figure 3 (b) & (c) or if the proposed scheme is not possible then an alternative arrangement can be quoted or discussed with us to meet the performance and dimensional requirements. <u>Any suitable outer casing configuration (Threaded/ bayonet or any other suitable option) can be chosen for considering the quick coupling and decoupling</u>

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		of fiber bundle which can be achievable within the outer diameter of ≤ 35 mm.	<u>of fiber bundle which can be achievable within the outer diameter of 40mm-60 mm.</u>
2	2.2 Specifications of Termination B & C of Part-A(II) Technical Specifications	The fiber arrangement at B & C (shown in Figure 3 (c)) need to be chosen so as to meet the requirements of efficient coupling, minimum cross talk and most importantly by keeping (as per ITER requirements) the maximum allowable outer diameter of the casing up to ≤ 35 mm at B & C terminations. Figure 3 (b) shows a typical scheme of the same.	The fiber arrangement at B & C (shown in Figure 3 (c)) need to be chosen so as to meet the requirements of efficient coupling, minimum cross talk and most importantly by keeping (as per ITER requirements) <u>the maximum allowable outer diameter of the casing up to ≤ 60mm at B & C terminations.</u> Figure 3 (b) shows a typical scheme of the same.
3	2.2 Specifications of Termination B & C of Part-A(II) Technical Specifications	<p><i>Figure 3 (b): Schematic of fiber bundle to bundle connection and possible arrangement of fibers</i></p> 	<p><i>Figure 3(b): Schematic of fiber bundle to bundle connection and possible arrangement of fibers (Circular shape is just a representation, the shape of connector can be round or rectangular within 40mm-60mm.</i></p> 

Note: Except this amendment, all other Essential Eligibility Criteria, Scope of Supply, Work, Technical Specifications and Terms & Conditions of the above mentioned tender shall remain unchanged.