

TECHNICAL BID PROFORMA
Item Name: “High-Speed Image Intensifier”

Bidder Eligibility Criteria:

1.0	Bidder Eligibility Criteria-I (Public Procurement – Preference to Make in India)	Class I / Class II	Local Content value	Reference, Page No.
I	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16 th September 2020 and other subsequent orders issued therein.			
2.0	Bidder Eligibility Criteria-II	Compliance (Yes/No)	Reference Page No.	Remarks, If any
1	The bidder/OEM should have supplied at least 3 similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 10 years, PO copies or installation certificates along with contact details of end user need to be submitted as the proof of supply. IIT Madras reserves its right to verify the claims submitted by the bidder and the feedback from the previous customers will be part of technical evaluation			

3.0 Technical Compliance:

Technical specifications required for one High-Speed Image Intensifier Specifications: -

S. NO	Technical Specifications	Complied / Not Complied	Reference Page No.
1	Image intensifier with two stages (Stage1: Photocathode + Microchannel plate) & (Stage2: Booster)		
2	Tube diameter: 25mm		
3	Spectral range: 300 nm - 700 nm wavelength		
4	Photocathode: S25		
5	Phosphor screens: P46 phosphor		
6	Maximum repetition rate: 20 kHz or higher		
7	Mount: F mount including the coupling mechanics		
8	Relay lens coupling: 1:1 relay optics		
9	Base mount: Including focusing base mount and adapter		
10	Exposure gattting: External TTL signal to control exposure		
11	Control: Using PC based software and computer interface through USB/ethernet/RS232		
12	Carry case: Portable cabin - Hard carry		

Sl.No.	Other Requirements	Complied / Not Complied	Reference Page No.
1	Warranty: Minimum One year and Extended 2 Years warranty from the date of installation.		
2	Installation and service: Onsite (IIT Madras) installation and commissioning.		
3	Training on the operation of the system should be provided.		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)

**SIGNATURE OF BIDDER ALONG WITH
SEAL OF THE COMPANY WITH DATE**