

TECHNICAL BID PROFORMA

Item Name: Photomultiplier Tube (Photosensor module and power supply)

1. Bidder Eligibility Criteria:

I	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.			

II. Technical Specification for Photomultiplier Tube (Photosensor module and power supply)

Photosensor module: Quantity 2			Complied/Not Complied	Reference Page NO
SI No.	Technical specifications (each module)	Range/ Type		
1.	Spectral response	250 nm to 600 nm		
2.	Photo cathode	Ultra bialkali		
3.	Photocathode area shape	Circle/ Round		
4.	Window material	Borosilicate glass		
5.	Gain	Greater than or equal to 10 ⁵		
6.	Peak sensitivity wavelength	Between 300 nm to 500 nm		
7.	Cathode luminous sensitivity	Minimum: 90 to 110 μ A/lm Typical: 120 to 140 μ A/lm		
8.	Maximum input voltage	Within \pm 5.5 volts		
9.	Operating ambient temperature	20 ^o C to 50 ^o C		
10.	Warranty	1 year from the date of delivery		

Power Supply: Quantity 2				
SI.No	Technical specifications (each module)	Range/ Type		
1	Output voltage	Within \pm 5 volts		
2	Input voltage	AC230 volts, 50 Hz		
3	Warranty	1 year from the date of delivery		
Note: Both photo sensor and power supply should be compatible with each other				

(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**