

TECHNICAL BID PROFORMA
Item Name: SOURCE/MEASURE UNITS

1.0 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	Bidder Eligibility Criteria-II	Compliance (Yes/No)	Reference Page No.	Remarks, If any
1	The bidder/OEM should have supplied at least 5 similar items to IITS, NITS IISERS, CSIR Labs or other Govt. R&D organizations in the last 5 years. Purchase order copies or installation certificates 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.			
2	Company should be registered in India for last 3 year. Proof of company registration should be enclosed.			
3	The bidder should have 30 lakhs turnover in any one of the last 3 Financial Year.			
4	The service center should be within Chennai, Tamilnadu. Proof of facility location & contact details to be provided along with technical bid.			

2.0 Technical Compliance:

S. No	Specification		Complied Yes / No	Reference Page No.
	Details	Parameter		
1	Number of channels	2		
2	Max. voltage	200V		
3	Max. current (DC)	3A		
4	Max. current (Pulse)	10A		
Source resolution				
1	Digit	5.5 digit		
2	Min. voltage	1 μ V		
3	Min. current	1 pA		
4	Lowest current range	100 nA		
Measurement resolution				
1	Digit	6.5 digit		
2	Min. voltage	100 nV		
3	Min. current	100 fA		
4	Min. trigger interval	20 μ s		
5	Max. trigger count	Infinite		

6	Max. data buffer size	100000			
7	Limit test	Yes			
8	Fast transient mode	Yes			
Other features					
1	Source/measure connections	On the front panel			
2	Probes	2x Kelvin probes			
3	Display	Graphical Display			
4	Output power	30 W			
Voltage source					
	Range	Accuracy (% reading + offset)	Noise(pp, 0.1 to 10Hz)		
1	2V	+/- (0.02% + 500uV)	20uV		
2	20V	+/- (0.02% + 5mV)	200uV		
3	200V	+/- (0.02% + 50mV)	2mV		

(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**