

**TECHNICAL BID PROFORMA**

Item Name: “ROTARY CELL CULTURE SYSTEM”

**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 <sup>th</sup> 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 5 similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 5 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.			
2	Company should be registered in India for last 3 years. Proof of company registration should be enclosed.			
3	The bidder should have 45 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.			

**3.0 Technical Compliance:**

**Purpose:** The Rotary Cell Culture System (RCCS) is a unique 3D cell culture technology for culturing both suspension and anchorage-dependent cells. Together these properties encourage spheroid formation and proliferation of cells within the three-dimensional spheroids by generating microgravity.

S.no	Requirements	Complied/not complied	Reference pg no.
1	Ability to co-culture multiple cell types in a 3D spheroid morphology		
2	Can be used with or without scaffolds to generate 3D cell models		
3	Low shear force in the rotating vessel (low turbulence)		
4	High mass transfer of nutrients in media		
5	Ability to vary rotation speed with tachometer		
6	Volume of vessel: 250 ml reusable vessel		
7	Number of vessels: 1		
8	Rotor base + power supply		

S.no	Details	Specifications	Complied/not complied	Reference pg no.
1	Weight of base and power supply	11.32Kg (6.84kg +4.48 kg)		
2	Dimensions of base	33 cm x 30 cm x 30.5 cm		
3	Dimensions of power supply	11.4 cm x 23.8 cm x 24.1 cm		
4	Power supply input	220-240 VAC @0.5 A (50-60Hz)		
5	Number of rotation base	1		
<b>Additional Terms and Conditions</b>				
1	Warranty-1 Year			
2	AMC-1 Year Optional			

(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**