

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 17:00:00
Bid Opening Date/Time	25-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Tamil Nadu
Department Name	Higher Education Department Tamil Nadu
Organisation Name	Bharathiar University
Office Name	Tamil Nadu
Total Quantity	1
Item Category	Laboratory Deep Freezer
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Laboratory Deep Freezer (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Standards	CE (with 4 digit notified number)	CE (with 4 digit notified number)
	Certification date and number	-	*
	Conformity to electrical safety	IEC 61010-1, IEC 61010-2-40 or IS 13450	*
Performance Parameters	Purpose	For storage of various biological products including ATCC cultures, enzymes, vaccines, chemicals or material testing components for a longer period of time	*
	Capacity in liters	310-350	310-350
	Type of cabinet	Vertical	Vertical
	Ground Clearance in mm	100 mm	*
	Cooling type	Direct cooling	*
	Freezer body	Galvanised steel body with tough powder coated exterior finish	*
	Lockable outer doors and lids	Yes	*
	Material of internal cabinet	SS	*
	Refrigerants	CFC-free, HCFC-free non flammable refrigerants	*
	Refrigeration system must be energy efficient	Yes	*
	Castors	Heavy duty lockable	Heavy duty lockable
	Pull down time in hrs	5.2 hrs	*
	Operating Temperature in degree celcius	minus 10 degree to minus 40	*
	Increment variation setting	1° C	*
	Number of corrosion resistant racks	5	5
	Control	Fully programmable microprosessor controlled with membrane keypad and eye level control panel	*

Number of inner storage compartments with insulated doors	5	5
Digital temperature display	Yes	*
Should have battery back up for the display and security lock for the display	Yes	*
Alarms	Audible and visible alarm system for unwanted temperature rise, sudden power failure , system failure and battery low, high and low temperature, hot condenser, door ajar	*
Noise level in dB	60	*
Energy consumption rate (@KWh/day)	140	*
Power supply	220 V (±10 V) 50 Hz single phase	*
Stabilizer should be capable to run any voltage between 190V - 270 V	Yes	*
Dual door system with inner glass door	Yes	*
Insulation Material	PUF	*
High quality door seals	Yes	*
Temperature uniformity in degree Celsius	±3°C or less	*
Temperature stability of system in degree Celsius	±3°C	*
Warranty of Stabilizer in Years	1	1, 3
Warranty of compressor in years	3	*
Warranty of complete unit in Years (from the date of installation)	3	3
Instruction manual to be provided	Yes	*
Installation and	Yes	*

	demonstration before acceptance		
Additional Parameters	Freezer must have washable condenser filter indicator which should keep fins free of dust to maintain peak cooling efficiency	Yes	*
	One 5KVA servo stabilizer to be supplied with freezer	Yes	*
	CO₂ cylinder should be supplied with freezer for backup	No	No
	Temperature Chart recorder to be provided	No	No
	One pair of cryo gloves to be supplied	No	No
	Temperature date logger	No	No
Reports	Manufacturer should have ISO certification	Yes	*
	ISO certification date and number	-	*
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sathishkumar R	641046, The Registrar, Bharathiar University, Coimbatore 641046	1	15

Bid Specific Additional Terms and Conditions

1. **Bidder financial standing:** The bidder should not be under liquidation, court receivership

or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

2. **Consortium:** In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.
3. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
4. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
5. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---