



Bid Number: GEM/2020/B/696123
Dated: 03-07-2020

Bid Document

Bid Details	
Bid End Date/Time	16-07-2020 10:00:00
Bid Opening Date/Time	16-07-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Science Education And Research (iisers)
Office Name	Pune 411008
Total Quantity	1
Item Category	Refrigerated Centrifuge For General And Research Purpose (PAC Only)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	510000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	10200

ePBG Detail

Advisory Bank	State Bank of India
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ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	12

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Director
 Dr Homi Bhabha Road, Pashan, Pune - 411008
 (Director, Indian Institute Of Science Education And Research Pune)

Splitting

Bid splitting not applied.

Refrigerated Centrifuge For General And Research Purpose (1 pieces) (Under PAC)

Make	eppendorf
Model	eppendorfrefrigeratedcentrifuge5804r

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to standards	European CE (Notified Body)With 4 Digit Notified Body No.	*
	Certificate date and number	CE 18 Sep 2017	*
Performance Parameters	Purpose	To Centrifuge different kinds of samples in different Testing Labs and research Labs at room Temperature	*
	Centrifuge design	Bench Top	*
	Weight including Rotor in kgs	100	*
	Maximum RPM with no	20000	*

load		
"Number of steps of RPM Variation available in the settings (correspondingly RCF also varies) "	10	*
RPM setting accuracy	plus minus 5%	*
Type of Motor	Brushless(without carbons)	Brushless(without carbons)
Accessories	Spanner to tight or loose Nut of Rotor on Motor shaft head puller,spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD	*
Type of lid lock	Electronic lid locking with automatic lid opening at end of run	Electronic lid locking with automatic lid opening at end of run
Maximum Noise level when working at 1 meter distance in db	58	*
Ambient operating Temperature range in Degree centigrade Celsius and humidity range	0 to 50 and Relative humidity 15 to 90%	*
Rotor imbalance diagnostics and automatic stop if required	Yes	*
No of acceleration and deceleration profiles in built for rotor speed while automatic braking	Acceleration & Deceleration time to be less than 15 sec	Acceleration & Deceleration time to be less than 15 sec
Maximum timer set point	60 minutes	*
Parameters to be displayed by the digital display	RPM,RCF,Set time,Run time,Rotor running indication ,imbalancing if any	*
Display Type	LCD	*
Speed controller	Microprocessor controlled pre programmed speed controller which can control RPM as well as RCF	*
Speed Control	5	*

tolerance in case of set speed (Plus minus RPM) in percentage		
Temperature controller	Micro processor based PID Digital temperature controller cum Indicator, (With LCD Display) to control the Temperature from +40° C up to -20°C	*
Configuration of Rotor supplied with centrifuge machine	Angle rotor	Angle rotor
Rotor Feature with reference to Autoclavability	Autoclavable Rotor @121 Degree Celsius	*
Type of Tubes which can be used with centrifuge machine	Polypropylene Centrifuge tubes and Glass centrifuge tubes	*
Size of rotor supplied with centrifuge in ml	"6x50 mL(for angle rotor) RPM 13000", "24x1.5ml(for angle rotor) RPM 16000"	"24x1.5ml(for angle rotor) RPM 16000", "6x50 mL(for angle rotor) RPM 13000"
Maximum RCF	20913	*
Power supply	220 Volts 50 Hz AC \pm 10%	*
Power consumption in watts	1650	*
Length of the Centrifuge in mm	550	*
Width of the Centrifuge in mm	640	*
Height of of the Centrifuge in mm	340	*
Length of Power cord in meters	3	*
Refrigerant should be CFC free	Yes	*
Temperature of refrigerator in degree Celsius	upto -20°C	*
Cooling arrangement	Through suitable compressor, radiator, Cooling fan and its Cooling Kit	*
Temperature control accuracy	\pm 2°C	*

	Warranty period for equipment & Rotor (on site and comprehensive warranty) in years	1	1
	Maximum Noise level when working at 1 meter distance in db	58	*
Material Parameters	Assembly Material for manufacture of Centrifuge	Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber	*
	"Lid Material of Centrifuge "	CRC Steel finish with powder coating or stove painting or ABS Plastic of injection moulding	*
	Body material of Centrifuge	C.R.C Steel Finish with Powder Coating/ Stove Painting.	*
	Front Panel of centrifuge	CRC Steel finish with powder coating or stove painting or ABS Plastic of injection moulding	*
	Centrifuge Bowl material in Centrifuge	Double walled with PUF Insulation to avoid loss of Cooling. Inner Chamber made of 304 Quality Stainless Steel Moulded	*
	Material of Rotor	Aluminium	*
Additional Parameters	Condensed Water Drainage System	Yes	Yes
	The Equipment shall be installed and demonstrated before Acceptance	No(No installation and demonstration required and consignee can install)	No(No installation and demonstration required and consignee can install)
	Servo Controller Voltage Stabilizer supplied with Item	No	No
	Servo stabilizer ratings in KVA	Not supplied	Not supplied
	Warranty of stabilizer in years	NA(If no stabilizer provided)	NA(If no stabilizer provided)
	Auto cut off	Yes	*
	Timer provided	Yes	*
Reports	Certifications of	ISO 9001:2015	*

	Manufacturer		
	ISO Certificate date and number	ISO 9001 June 2018	*
	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	John Albert K	411008, Indian Institute of Science Education and Research, Pune (IISER) Dr.Homi Bhabha Road , Pashan Pune 411008 Email: purchase@iiserpune.ac.in For Payment Status: 020 2590 8180/8452 For Delivery Status : 020 2590 8246, PUNE CITY, 411008	1	30

Bid Specific Additional Terms and Conditions

- Bidders can also submit the EMD with Account Payee Demand Draft in favour of Director Indian Institute of Science Education and Research Pune. payable at Pune.
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
- Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name Director Indian Institute of Science Education and Research Pune. Account No. 30042605732 IFSC Code SBIN0003552 Bank Name State Bank of India Branch address NCL Campus Branch, PUNE 411008.
Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
- OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Director Indian Institute of Science Education and Research Pune. payable at Pune. After award of contract, Successful Bidder can upload scanned copy of the DD in place of

PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

6. 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.
7. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
8. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
9. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 10 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
10. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST. Applicable Concessional rate of GST : 5%
Notification No. and date : 45/2017-Central Tax (Rate) New Delhi dated 14/11/2017

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

---Thank You---