

**Bid Document**

<b>Bid Details</b>	
Bid End Date/Time	17-09-2019 16:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
Department Name	Department Of Agricultural Research And Education (dare)
Organisation Name	Indian Institute Of Horticultural Research (ihr)
Office Name	Hesaraghatta, Bangalore, Karnataka, India
Total Quantity	1
Item Category	PCR machine ( Semi Quantitative )
Average Turnover (Last 3 Years)	2 Lakh (s)
OEM Average Turnover (Last 3 Years)	2 Lakh (s)
Experience with Government Required	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	Yes
Document required from seller	Experience with Government,Annual Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover
Bid to RA enabled	No

**PCR Machine ( Semi Quantitative ) ( 1 pieces )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
Standards	Certification for product	CE	*
	Certification date and number	-	*
	<b>Availability of ISO</b>	Yes	Yes

	<b>with manufacturer</b>		
	ISO Certification No, Date and validity, If ISO certification not available put NA	-	*
Performance Parameters	<b>Purpose</b>	PCR is a laboratory technique used to amplify segments of DNA via the Polymerase Chain Reaction	PCR is a laboratory technique used to amplify segments of DNA via the Polymerase Chain Reaction
	Compatibility of Reagent	Open	*
	<b>Display Interface</b>	TFT	TFT
	<b>Block Format</b>	Interchangeable	Interchangeable
	<b>Capacity of Blocks</b>	0.2ml x 3x32well	0.2ml x 3x32well
	<b>Maximum Heating Ramp rate in degree cycle per second</b>	5° C/S	5° C/S
	<b>Maximum Cooling Ramp rate in degree cycle per second</b>	5° C/S	5° C/S
	<b>Adjustable heating/cooling Ramp Rate</b>	Yes	Yes
	Operating Temperature range °C	10 to 100 °C	*
	<b>Temperature setting accuracy in °C</b>	±0.3 °C	±0.3 °C
	<b>Well to well temperature uniformity in °C</b>	±0.3 °C	±0.3 °C
	Gradient Range in °C	30 - 100°C	*
	<b>Gradient Spread in °C</b>	1-20°C	1-20°C
	<b>Hot Lid Temperature</b>	30-110°C	30-110°C
	Input supply	Single phase (230 V, 50 Hz)	*
	<b>Max No of Programmable Steps</b>	40	40
	<b>Max No of Programmable Cycles</b>	Upto 100	Upto 100
<b>Availability of USB ports</b>	2	2	
<b>Memory to store programs</b>	upto 1000	upto 1000	

	<b>Pause/Start function</b>	Yes	Yes
	<b>Built-in Tm Calculator</b>	Yes	Yes
	<b>Warranty in years</b>	3	3
	Compatible to be used with PC	Yes	*
	<b>Providing Online UPS</b>	No	No
	<b>Battery backup of UPS in hrs</b>	NA if not provided	NA if not provided
Additional Parameters	Instruction manual to be provided	Yes	*
	<b>Touch Screen of display should be responsive for both gloved and ungloved fingers</b>	Yes	Yes
	Auto restart after power outages	Yes	*
	Boot up time	Not more than 1 min	*
Reports	<b>Availability of test report from central govt/NABL/ILAC accredited lab to prove conformity to specification indicated including safety requirements</b>	No	No
	Test report number if no test report provided put Na	-	*
	Test report date if no test report provided put NA	-	*
	Name and address of the lab if no test report provided put NA	-	*
	<b>Copies of Certifications of manufacturer, Certificates from manufacturers for bought out components and material test certificates to be submitted to Buyer on demand after placement of order</b>	NA	NA

\* Bold specifications 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.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	K B Tittu Kumar	560089,ICAR-INDIAN INSTITUTE OF HORTICULTURAL RESEARCH HESSARAGHATTA LAKE POST, BANGALORE-560 089	1	30

**EMD Detail**

Required	No
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**ePBG Detail**

Required	No
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**Splitting**

Bid splitting not applied.

**Buyer Specific Additional Terms and Conditions**

1. EXPERIENCE CRITERIA : In respect of the filter applied for experiance critrirea, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
2. 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.
3. PAST PERFORMANCE CRITERIA: In respect of the filter applied for Past Performance Critrirea, the Bidder or its OEM {themselves or through reseller(s)} should have supplied same or similar Category Products for quantity as indicated in the bid document, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts to be submitted along with bid in support of quantity supplied in the relevant year.
4. SLBR15
5. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

6. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
7. 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 5 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).
8. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of this Policy. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 15% of total value.
9. Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of this Policy. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
10. Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.
11. Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of this Policy. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
12. Purchase preference to Micro and Small Enterprises (MSEs) from the State of Bid Inviting

Authority : Purchase preference will be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of this Policy. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15 % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 15% of total value as defined/ decided in relevant policy.

13. Availability of Service Centres: Bidder/OEM must have a 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).
14. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
15. 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---**