

Bid Document

Bid Details	
Bid End Date/Time	11-02-2022 13:00:00
Bid Opening Date/Time	11-02-2022 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
Department Name	Department Of Agricultural Research And Education (dare)
Organisation Name	Indian Council Of Agricultural Research (icar)
Office Name	Central Potato Research Institute
Total Quantity	1
Item Category	Automated HPLC System for Separation of complex mixtures (Q3)
Years of Past Experience required	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC) *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
Past Performance	80 %
Bid to RA enabled	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Time allowed for Technical Clarifications during technical evaluation	5 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	60000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	2

(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:

Assistant Administrative Officer

Central Potato Research Institute, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare
(Chanda Ram)

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	No
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Details of the Competent Authority for MSE

Name of Competent Authority	Dr. N.K Pandey
Designation of Competent Authority	Director
Office / Department / Division of Competent Authority	ICAR -CPRI Shimla
CA Approval Number	F.No. 15-41/HPLC/2021-22/Store
Competent Authority Approval Date	13-01-2022
Brief Description of the Approval Granted by Competent Authority	Analytical HPLC system is a very sophisticated and sensitive equipment used for separation, quantification and identification of biomolecules. It works at extremely minute scales (microgram and micro liter scale). All its components are of very high quality and possess great precision in their design, structure and function. To the best of our knowledge, no firm manufactures the complete Analytical HPLC systems in India. These analytical HPLC systems, being widely used in various R&D organizations and industries, are imported from abroad.

Competent Authority Approval for not opting Micro and Small Enterprises Preference : [View Document](#)

MII Purchase Preference

MII Purchase Preference	No
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Details of the Competent Authority for MII

Name of Competent Authority	Dr. N.K Pandey
Designation of Competent Authority	Director
Office / Department / Division of Competent Authority	ICAR-CPRI Shimla
CA Approval Number	F.No. 15-41/HPLC/2021-22/store
Competent Authority Approval Date	13-01-2022
Brief Description of the Approval Granted by Competent Authority	Analytical HPLC system is a very sophisticated and sensitive equipment used for separation, quantification and identification of biomolecules. It works at extremely minute scales (microgram and micro liter scale). All its components are of very high quality and possess great precision in their design, structure and function. To the best of our knowledge, no firm manufactures the complete Analytical HPLC systems in India. These analytical HPLC systems, being widely used in various R&D organizations and industries, are imported from abroad.

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

1. Experience Criteria: In respect of the filter applied for experience criteria, 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 Financial years as indicated above 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.
4. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:
 - i. If number of technically qualified bidders are only 2 or 3.
 - ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
 - iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
 - iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
 - v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Automated HPLC System For Separation Of Complex Mixtures (1 pieces)

Brand Type	Registered Brand
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Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Standard parameter	Instrument calibration standards	IEC 17025
Quaternary Gradient Solvent Delivery Unit with Degassing Unit	Components of unit	Quaternary Low-Pressure Gradient pump & Parallel Double Plunger, Quaternary Low Pressure Gradient pump & Serial Double Plunger
	Number of solvents delivery	4
	Flow rate setting range in ml/min	0.001 to 10
	Flow rate accuracy	± 1 %, ± 0.1%, ± 1 % or better
UV-Vis Detector	UV-Vis Detector provided	Yes, No Or higher
	Light source	Deuterium lamp, NA if not provided, Tungsten Lamp
	Spectrum Band width in nm	4, 5, 6, 8, NA if not provided
	Wavelength range in nm	190 - 700, NA if not provided
	Sampling Rate in Hz	80, 90, 100, NA if not provided
	The flow cell must be temperature Controlled	Yes, NA if not provided
	Wavelength accuracy in nm	± 1, NA if not provided
	Wavelength reproducibility in nm	± 0.1, NA if not provided
	Drift in AU/Hour	less than 1 x 10 ⁻⁴ , NA if not provided
	Noise level in AU	± 2.5 x 10 ⁻⁶ , NA if not provided, ±5 x 10 ⁻⁶
	Ability to monitor and quantitative 2 wavelengths simultaneously	Yes, NA if not provided
	Linearity in AU	2.5 or more, NA if not provided
	Temperature control provided for Flow cell	Yes, NA if not provided
	Temperature control range for flow cell in Degree Celsius	5 degree above room temp to 50 degree, NA if not provided
	flow cell path length in mm	10, NA if not provided
	Flow cell volume in µl	10 - 15, NA if not provided, 16 - 20
Auto Sample Injector with cooler	Injection Method	Total volume sample injection
	Carry over of sample	0.005% or lower, 0.025% or lower
	Injection precision in RSD	less than 0.20 % RSD, less than 0.50 % RSD
Software	Operating Windows	Win 10 or latest
Photo Diode Array (PDA) Detector	Provision of Photo diode array	Yes Or higher
	PDA detector Wavelength range in nm	190- 800 or better

Specification	Specification Name	Bid Requirement (Allowed Values)
	Number of Diodes	1024
	PDA detector light source	Deuterium lamp and Tungsten lamp, Deuterium lamp
	PDA detector Wavelength accuracy in nm	± 1
	Data Rate in Hz	100, <100
	Noise in AU	less than ± 0.6 x 10 ⁻⁵ or lower
	PDA detector Drift in AU/Hour	less than 1 x 10 ⁻⁴
	Temperature controlled flow cell in C	5 degree above room temp to 50 degree
	Flow cell	Flow cell
Warranty & Reports	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	2, 3, 4, 5 Or higher
	Number of installations in Central /State/PSU Govt Hospitals	<3, >3
	Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes, No Or higher

Additional Specification Parameters - Automated HPLC System For Separation Of Complex Mixtures (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Solvent Delivery System	<ul style="list-style-type: none"> • High pressure binary gradient pump with online 2 or more channel degassing unit • Mode of operation: Isocratic and gradient • Flow rate range: minimum: ? 0.001 mL/min; maximum ? 5 mL/min • Max. operating pressure : 6000 psi or more • Flow precision: ? 0.2% RSD • Flow accuracy: +1% • System delay volume: ? 200 µl • Tool kit and starter kit should be included
Injector, Autosampler with temperature control	<ul style="list-style-type: none"> • Autosampler should be supplied with the compatible trays for holding 1ml/ 1.5ml/2.0 ml sample vials.; Operating Temperature range: ? 8°C to ? 35°C; Injection volume range: ? 5 ?l to ? 50 ?l; Injection-volume precision : ? 1.0 % RSD; Sample holding capacity: ? 60 × 1.0/1.5/2.0 ml vials tray; Should be supplied with 2000 sample vials of standard size

Specification Parameter Name	Bid Requirement (Allowed Values)
Manual Injector, Column Oven and UPS	<ul style="list-style-type: none"> Manual Injector and compatible Injector Loops of • 5µl (02 numbers); (ii) 20 µl (02 numbers); (iii) 50 µl (02 numbers). Column Oven: Temperature Range: Ambient to ? 60 °C ; Temperature control precision: ? ±0.2°C Online 5 KVA UPS with minimum 1 hour backup; A suitable trolley (with wheels) for UPS batteries
Chromatography Manager Software and Desktop Computer	<ul style="list-style-type: none"> The software for seamless control of HPLC system and all other components; Method Development tool: 10 or more gradient curve; Windows 10 (or more recent version). Embedded oracle database should be included. Desktop Computer system with Processor: I7 or higher; 32 GB RAM on board or higher; 2 TB hard disk or higher; Twenty five inch or larger size Color monitor having 4K Ultra HD Resolution; Key board, mouse and Mouse Pad to be included
Original Technical Brochures/documents of the Principal firm.	<ul style="list-style-type: none"> Every technical specification point submitted by the vendor must be available on the official Website and/or in the Original Technical Brochures/documents of the Principal firm. should provide detailed onsite training; Necessary consumable/spares required for installation and commissioning should be included

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Chanda Ram	171001,ICAR-CPRI, Shimla 171001	1	15

Buyer Added Bid Specific Terms and Conditions

1. Generic

Experience Criteria: 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 3 years 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. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

3. Generic

Scope of supply includes Training: Number of employees to be trained 3 , Place for Training ICAR-CPRI Shimla and Duration of training 3 days.

4. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

5. Generic

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 : 47/2017-Integrated tax rate dated 14/11/2017

6. **Generic**

The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: Yes.

7. **Generic**

Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

8. **OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

9. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

10. **Warranty**

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 5 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 6% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).

11. **Warranty**

Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

12. **Warranty**

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.

13. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---