

Tender Notice

Quotation Ref: MKT/SP/GUNA/SSPG/0001/2017

Date: 12/05/2017

On behalf of the Spices Board, Ministry of Commerce, Govt. of India, Tenders are invited for the supply of following equipment conforming to the specifications and other requirements given in the Annexure-I for the following instruments:

List of Instruments

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LAST DATE FOR RECEIPT OF TENDER: 15.06.17,5.00PM
DATE FOR OPENING TENDER: 16.06.2017, 10.AM AT QUALITY
EVALUATION LABORATORY, SPICES BOARD, KOCHI

The tenders have to be submitted in accordance with the terms and conditions given in pages 1-3 & 33-35

Terms and Conditions

A. Instructions to the Bidder

- 1. Preparation of Bids :** The tenders should be submitted under the two bid system, viz., Technical bid and Financial bid.
- 2. Delivery of Tenders:** The tender shall be submitted to the designated address either by Speed Post or by Courier, so as to reach our office before the due date and time. The details are mentioned in the Terms and Conditions below.
- 3. Opening of Tenders:** The offers/bids will be opened by a Committee duly constituted for this purpose at the specified place, date and time in the presence of such tenders or their representatives as may choose to attend. The technical bids will be opened first and they will be examined by a Technical Committee, which will decide the suitability as per the specification and requirement. The financial offer bid will be opened only for those offers/bids, which technically meet all the

requirements and specifications. The bidders, if interested, may also participate on the tender opening date and time.

4. The tenders will be opened at the Quality Evaluation Laboratory Spices Board, Kochi at **10 AM on 16th June 2017**.
5. The participating bidders should produce an Authorization Letter from their companies to participate in the tender opening day. Only one representative per tenderer will be allowed to participate during the opening of tender.
6. **Rejection of Tenders:** The Spices Board reserves the right to reject any or all of the tenders received without assigning any reason.
7. **Terms of Delivery:** The quoted instrument(s) and all accessories and supporting instruments should be supplied, and the installation/commissioning of the same should be completed as specified in the Terms and Conditions mentioned below. Signed copy of the Terms and Conditions should be submitted along with the Tender.
8. **Location of Supply and Installation:** The Instrument(s) will be required to be delivered and installed at **Spice park, Guna, Madhyapradesh**.

Secretary
Spices Board, Kochi-25

HINDI VERSION FOLLOWS

B. Terms and Conditions of the Tender

Tender should be submitted in the prescribed tender document downloaded from the website www.indianspices.com. The tenders submitted should strictly follow the instructions specified below, failing any of which the tenders would be deemed incomplete and liable for rejection.

The last date for the submission of the tender will be at **15.06.17, 5.00PM** at the following Address:

**Scientist D & Head,
Quality Evaluation Laboratory
Spices Board, Sugandha Bhavan, NH Bypass,
Palarivattom Po, Ernakulam, Kerala - 682 025**

Tenders received after the due date and time for whatever reasons will not be considered. The offer/bids should be submitted in a manner of two bid system, i.e. [1] Technical Bid (with EMD) and [2] Financial Bid. Tenders received with both the bids in the same cover shall be summarily rejected.

Tenders for each instrument has to be submitted independently and separately.

I.The Technical Bids:

1. While submitting the technical bid for for any of the instruments in Sections I and II below, the following rules must be followed :
2. The technical bid should consist of all technical details along with commercial terms and conditions.
3. The Technical bid should contain the following documents:
4. Details of the tender, filled in the Section I given in the specifications of each instrument.
5. Compliance with technical specifications, filled in the Section II given in the specifications of each instrument.
6. In the technical bid, Section III, format for entering the financial details, should be left blank. If financial details are found in the technical bid, the bid will be rejected.
7. Declaration of the bidder as given in the specification of each instrument, duly signed by the authorized signatory, with seal of the company and all required contact details.
8. Technical bids received without filling in Section I and Section II, or without the signed *declaration of the bidder*, will be rejected.
9. All claims of instrument performance as required in the specifications should be substantiated by adequate instrument readouts and data. These should be submitted as hard copy with required explanatory notes.
10. Any technical literature, brochures, specification sheets etc relevant to the quoted model must be included.
11. **A complete compliance statement (Section I & II), stating the status of compliance with each point in the technical specification, should necessarily accompany the quotation**
12. **A minimum of 5 users of the quoted model in India should be available. The list of these users, with full details of contact persons, addresses, telephone, mobile and email should be provided in table form**
13. Complete warranty information along with the list of items covered under the warranty should be provided.
14. The Technical Bid of each instrument should be submitted separately in a sealed cover superscribed “Technical Bid – **(Name of the Instrument)**, Due on **15.06.17, 5.00PM**” and addressed to the **Scientist D & Head**, see B above

**1. Electronic Balance - 3 Digit Precision
(1 No.)**

Technical Specifications
(To be submitted by the Bidder)

Tender Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Electronic Balance – 3 Digit Precision (1 No.)

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes / No)	Remarks	Documentary evidence enclosed?
1	Readability of 0. 001 g. ,Capacity 200gm			
2	Compact design with sturdy chemical resistant body.			
3	Weighing pan at least 90 mm or equivalent			
4	Calibration of a frequently used weighing range using external weights.			
5	Digital panel with back lit display.			
6	Overload protection feature.			
7	Calibration certificate with FI / E2 class calibration weights traceable to NPL should be provided with the balance.			
8	The supplier should have the capability to provide calibration of the balance once in six months with NPL certified weights. Full details of this service should be provided.			
9	One spare power adapter should be provided			
10	Full operation manual should be provided.			
14	Internal adjustment weight for precise result.			
15	Maximum Capacity at least 200g.			
16	Capability of displaying weighing result in different units.			
17	Features like Taring and % weighing feature should be available.			
19	High grade, chemical resistant housing.			
20	Back lit display.			
21	Standard RS232c interface to connect to external PC.			
22	Hook for weighing below the balance.			

23	Glass draft shield with sliding doors, with free access from right, left and above			
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Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

2. UV-VIS Spectrophotometer (1 No.)

Technical Specifications
(To be submitted by the Bidder)

Tender Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

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Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
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Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

UV-VIS spectrophotometer (1 No.)

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complyin g (Yes/No)	Remark s	Documentary Evidence Enclosed?
UV-Vis Spectrophotometer				
1	Double beam spectrometer with convcave holographic grating with 1050 lines / mm or more. Half-silvered mirror beam splitter.			
2	Pre-aligned D2 and W halogen lamps with automatic source change			
3	Silicon Photodiode detector			
4	Wavelength range 190- 1100nm			
5	Spectral band pass 2nm			
6	Stray ligh 0.05% or less			
7	Wavelength accuracy +/- 0.4nm			
8	Wavelength setting reproducibility +/- 0.2nm			
9	Photometric modes- Absorbance, Concentration, %Transmittance, Single Beam			
10	Baseline flatness with slit width 1nm must be +/- 0.001A			
11	Photometric repeatability +/- 0.001A at 1A			
12	Stability - must be minimum 0.00015 A/h (at 500nm, 2 s response) or better			
Software				
1	Windows based software capable of instrument control, spectral data recording, processing and reporting.			
2	Operating modes scan, fixed wavelength measurement, wavelength program calibration, concentration measurements, etc.			
Computer and Printer				
1	Latest model computer with DVD writer and laser printer compatible with software to be quoted.			
Accessories				
2	Quartz cuvette 10mm path length - 3 pairs. The item is to be supplied along with the instrument.			

Additional Terms and Conditions

1	A complete compliance statement (this sheet filled in), stating the status of compliance with each point in the technical specification, should necessarily accompany the quotation.			
2	A minimum of 15 users of the quoted model in India should be available. The list of these users, with full details of contact persons, addresses, telephone, mobile and email should be provided in table form.			

Comprehensive Warranty

1	The warranty period should be 5 Years. All breakdown of the instrument should be addressed within 24 hours by an onsite visit.			
2	All parts of the instrument, accessories and supporting instruments should be covered under the warranty. If any accessory / spare part / consumable is not covered under the comprehensive warranty, then the itemised list of such items, including their prices during the period 2014-15 and average lifetime of the items should be provided.			
3	The equipment should be installed at the proposed site, demonstrate the required objective of the test with the claimed limit of detection/quantification with the sample provided.			
4	Training should be given to the staff at the site, for the operation of the instrument on demand			
5	Any accessory system(s) other than those mentioned in the technical specifications, that are required for satisfactory installation of the system should be quoted and supplied with the instrument.			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

DATE

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

3. Bacteriological Incubator (1 No.)

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	

Section II: Compliance with Technical Specifications

**Bacteriological Incubator
(1 No)**

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
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1	Size of the Incubator should be (450X450X600mm) 128 ltrs and at least 2 trays.			
2	Double walled inside made of thick stainless steel and outside of Mild Steel duly painted with epoxy powder coating.			
3	The gap of 75mm between two walls should be fitted with pure mineral wool.			
4	Synthetic rubber gasket must be provided on the door for better grip.			
5	Door should have a glass window outside .			
6	Heating elements should be placed in ribs at the bottom and sides.			
7	Two adjustable air ventilators must be placed near the top of the sides.			
8	The temperature must be controlled by an Electronic Micro processed Temperature Controller cum Indicator from few °C above ambient to 70°C with sensitivity of ± 0.1 °C supplied with two pilot lamps.			
9	Should have an air circulating fan to maintain uniform temperature throughout the incubator.			
10	Should have perforated quality stainless steel detachable shelves (minimum 4 Nos.) adjustable at any level.			
11	Should have cord with plug to work on 220/230 volts A.C.			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

DATE

SEAL OF THE COMPANY

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

**4. Serological Water Bath with Stirrer
(1 No.)**

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Serological Water Bath with Stirrer (1 No.)

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Size of the bath should be 455 mm L; 300 mm W; 175mm D with a total volume of 25 Ltrs and suitable for 6 racks.			
2	Double walled inside, made of Stainless Steel and outside of Mild Steel Sheet duly painted with epoxy powder coating.			
3	Should have 25 mm mineral wool insulation on five sides .			
4	Heating element made of Copper Nickel plated tabular type and approximately extend to full length of the water bath.			
5	Temperature range above room temperature to 100° C with an accuracy of $\pm 0.1^{\circ}\text{C}$.			
6	Temperature control by Electronic Digital Temperature Controller-cum-Indicator.			
7	Control panel should consist of two neon pilot lights which indicates control cycles as well as the main heater switch and temperature control knob.			
8	The water bath should have perforated and removable diffuser shelves.			
9	Should have Stainless Steel cover, brass drain plug, cord with plug to work on 220/230 volts A.C.			
10	Must be provided with Stirrer of 1/20 H.P. Supported by High Speed motor with stainless			

	steel stirring rod and blade provided with speed regulator.			
11	Lid of water bath should be made of Stainless steel of 304 quality.			

Please sign the declaration on the next page.

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF
TENDERER
SEAL OF THE COMPANY

DATE

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

5. Forced Convection Hot Air Oven
(1 No.)

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. Incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

Quotation Submitted By	
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Date of submission of quotation	
Details of EMD submitted (if any)	
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Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Forced Convection Hot Air Oven

(1 No.)

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Forced convection design ensuring high level of control accuracy and uniformity with a max capacity 128 L.			
2	Inner Chamber Dimensions (WxDxH): 450 × 450× 600mm			
4	Inner Chamber Construction: Stainless steel			
5	Abrasion resistant and durable finish by heat cured epoxy coating on steel exterior			
6	No. of Shelves Minimum 2 (Detachable stainless steel wire mesh shelves)			
7	Temperature Range: Ambient +5 to 200°C			
8	Control Accuracy: ±1°C			
9	Uniformity:±2°C at 100°C			
10	Heater Power: 2Kw			
11	Digital PID temperature controller with timer, alarms and auto tuning.			
12	Inbuilt Glass window into the door for easy viewing of the load			
13	Automatic cut off of heater & blower when door opened			
14	Electric overload safety with MCB			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

**6. Digital Colony Counter
(1 No.)**

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Digital Colony Counter (1No.)

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Desktop compact model for the rapid, accurate and fatigue free counting of bacterial colonies with adjustable magnifier (120 mm) pressure operated hand held marking pen.			
2	Counting modes: Manual push button or pen probe click action count (Marking pen probe counting)			
3	Accepts Petridishes up to 120mm diameter, with a centering adaptor for standard 90mm dishes			
4	Digital LED display up to 9999 with audible count and last count recall			
5	Illumination by fluorescent /LED lamp			
6	Zero reset button			
7	Full Stainless steel fabricated body with duly heat cured epoxy coating with dimensions 41x32x30 cm			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

7. Binocular Microscope

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Binocular Microscope

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Binocular Compound Microscope			
2	LED Illumination with continuous intensity adjustment (Life of more than 20000 Hrs)			
3	Microscope should have 4 fold nose piece, Objectives should be inward inclined.			
4	It should have Plan achromatic objectives – 4x, 10x, 40x & 100x oil			
5	It should be supplied with 30 degree binocular tube (IPD 52 - 75 mm).			
6	Eyepiece pair – 10x/ 20 FN with eyepiece locking screw, Foldable Eye guards			
7	Microscope should have Low position and self adjusting focusing mechanism. 300 microns per fine focus rotation. Calibrated in 3 microns Increments .			
8	It Should have One hand slide loading, 26x76mm stage travel			
9	Antimicrobial treated with Proper Documents			
10	Microscope should have Integrated vertical handle for easy lifting and storage			
11	Microscope should have Integrated cord warping facility.			
12	Machine should have auto cut off facility after 2 hours			
13	Upgradable for phase contrast, dark field& Fluorescence			
14	Microscope should have point counting and non point counting mechanical stages			
15	It should have hard anodizing stage surface			
16	It should have break for securing rotation.			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

8. Autoclave, 2 Nos

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

Section I: Details of the Quotation

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Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Autoclave, 2 Nos

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Inner chamber made of thick stainless steel (304)			
2	Working chamber size :350mmx550mm			
3	Outer body is made of SS (304)			
4	Leak proof chamber for operation at 5 to 20 pounds per square inch.			
5	Provided with pressure gauge,pressure release valve,SS basket,Safety valve, water level indicator with cord,pressure control switch trouble free easy to use .locking system.			
6	Automatic water level cut off device for element as safety feature			
7	Digital temperature indicator /controller for indication of temperature reading			
8	Digital Timer			
9	Safety alarm			
10	Vacuum breaker valve			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

DATE

SEAL OF THE COMPANY

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

**9.Vertical Laminar Airflow Unit
(1 No.)**

Technical Specifications
(To be submitted by the Bidder)

Quotation Reference:

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'. Section III is to be left blank. incompleteness in filling up this form or failure to attach the required supporting data or documents, may result in rejection of the quotation.

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Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Vertical Laminar Airflow Unit (1 No)

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Cleanliness Level: CLASS 100 (ISO 5 for particle sizes $0.5 \mu < 3530$ particles/M ³ of air at both at Rest & Operation Condition as per ISO 14644 –1(ISO 5 replaces Class 100 US-FS 209 E)			
2	Size: Ft (w x d x h) 2 x 2 x 2			
3	Direction of Flow: Vertical Down flow			
4	Particle retention: 0.3 micron particles with typical efficiency of >99.997%			
5	Velocity: 90 Feet/Minute \pm 20 %			
6	Noise level: 65 decibel on “A” scale \pm 5			
7	Pressure Differential: Dwyer, USA Make Magnehelic / Minihelic Gauge (0-25 mm) – 01 no. / Unit			
8	Ultra violet lamp: U V lamp 18 Inches, 18 Watts ORIGINAL - PHILIPS, HOLLAND make - 1 No.			
9	Illumination: by LED lamps with Diffusers			
10	Power supply: 230 V, Single Phase, 50 Hz			
11	Accessories: 5/15 Amps Combined Socket Switch, Air / Gas / Vacuum line cock.			
12	Material of Construction: Cabinet made from Galvanized Iron 18 SWG sheet metal with polyurethane paint coated finish and bottom will be supported with MS with PU coated modular stand which can be adjustable for height with leveling legs.			

13	Working Table: Single Piece Removable type tabletop, made of IS 304 Stainless Steel - satin finished			
14	Front door: Made of clear 5 mm thick Acrylic / Polycarbonate sheet – vertical sliding, while opening the door UV Lamp will be cut “OFF” and while closing the door UV Lamp will be “ON” automatically.			
15	Side Panels: Both the sidewalls are covered with 5 mm thick Acrylic sheets			
16	HEPA Filter			
17	Media Ultra clean glass fiber paper – imported			
18	Type Mini-Pleated constructions			
19	Retention 0.3 micron			
20	Efficiency 99.997% to 0.3 microns as per IEST-RCC001.3 USA			
21	Pressure drop 12 mm WG			
22	Grade H14 rating			
23	Prefilter			
24	Media Non woven - synthetic polyester			
25	Retention 10 - 15 micron			
26	Efficiency 90%			
27	Pressure drop 6 mm WG			
28	Grade F7 rating			
29	Supply Air Blower: Consists of dynamically & statically balanced aluminum centrifugal impeller driven by an Single phase, 1440-RPM motor, enclosed in a PU coated GI casing, suitably suspended in a pair of springs & connected to the filter chamber through flexible canvas duct inside the cabinet.			
30	ON/OFF Controls: “ON/OFF” soft touch switch controller for the blower, UV lamp, Day light lamp.			

31	<p>UV / Door integration: Apart from an independent control switch, the closing / opening operation of front door is integrated with the UV on / off. The UV will automatically switch “off” when the front doors opened; likewise, the UV will switch “on” automatically when the door is closed. This will avoid accidental exposure of UV rays to the users’ as UV rays are harmful to the skin.</p>			
32	<p>Note: The following test should be carried out at the time of installation and the corresponding calibration certificate should be provided.</p> <p>Laser Particle Count test to confirm the cleanliness level</p> <p>Velocity Measurement Test to adjust required velocity</p> <p>Differential pressure measurement to confirm the HEPA filter condition</p>			
33	<p>The following certificate should be provided with each unit:</p> <p>Design Qualification (DQ)</p> <p>Installation Qualification (IQ)</p> <p>Operational Qualification (OQ)</p> <p>Performance Qualification (PQ)</p> <p>Test Certificate for Mini-Pleat HEPA Filters</p> <p>Calibration Certificate for Pressure Gauge</p> <p>Calibration Certificate for Air Velocity Anemometer, Laser Particle Counter</p> <p>Test Certificate & Report should be provided</p> <p>Warranty Certificate</p>			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

DATE

SEAL OF THE COMPANY

Please see section III below for financial bid. Section III is not to be filled in the Technical Bid.

II. Financial bid

- 1) Financial bid should indicate item wise price for the items mentioned in Technical Bid. Detailed pricing including all charges for accessories, supporting instruments, items, quoted in Indian Rupees, extended warranty, shipping, insurance, taxes, installation charges etc. should be clearly indicated. Unit rate along with split up para of the item quoted shall be given.
- 2) The rates should be indicated clearly both in figures and words. If there is any variation between the rates in figures and in words, the rates given in words will be considered for evaluation. The rates should be firm and valid for 90 days from the date of opening of financial bid. The tenderer should put full signature at least any scoring off/corrections/or over writings. The rates quoted should not be subject to any price variation clause.
- 3) A summary of the financial bid should be submitted in the format given in Section III in at the end of the tender document. This should be accompanied by the Declaration of the Bidder, as given in the specification of each instrument, duly signed by the authorized signatory, with seal of the company and all required contact details.
- 4) Financial bids received without filling Section III, or without the signed declaration of the bidder, will be rejected.
- 5) The Financial Bid should also be in a sealed cover superscribed “Financial Bid – (Name of the Instrument)Due on 15.06.2017, 5.00PM ” and addressed to the Scientist D & Head (QEL) (See B above).
- 6) Both the sealed covers viz., Technical and Financial Bids should be put into a bigger cover, along with EMD (See 8 below) and sealed. This cover should be superscribed “Technical and Financial Bids for (Name of the Instrument)due on15.06.2017, 5.00PM” and addressed to the Scientist D & Head (QEL) (See B above).
- 7) The tenders will be opened at the Quality Evaluation Laboratory Spices Board, Kochi at 16.06.2017, 10.AM. Only the Technical Bids will be opened on this date. The bidders who qualify in the Technical Bid will be informed of the date of opening of the Financial Bids.
- 8) EMD: (a) The tenderer should submit an EMD equal to 2% of the total quoted price along with the technical bid by way of Demand Draft favouring “Secretary, Spices Board” and “payable at Kochi” from any nationalized bank valid for three months . (b) Bank Guarantee will not be accepted towards EMD. The Technical Bid without EMD would be considered as UNRESPONSIVE and will be rejected unless any category of tenderer is specifically exempted by the Government from payment of EMD for which reasons and proof have to be enclosed. (c) The EMD will be returned without any interest to the unsuccessful bidders after the award of the contract.
- 9) Agreement Purchase Order forfeiture of EMD: EMD will be forfeited if the tenderer withdraws his tender or backs out after acceptance fails to remit the

- performance security violates any of the conditions prescribed in the tender notice revises any of the terms quoted, during the validity period
- 10) Performance Security: The successful bidder has to submit a Performance Security for an amount of 10% of the order value in the form of a Bank Guarantee from any nationalized bank and should be valid for 60 days beyond the date of completion of all contractual obligations including warranty obligation, and it will be released after 60 days beyond warranty period.
 - 11) Submission of Performance security for equipments exempted upto order value of Rs 1 lakh.
 - 12) Customs Clearance of instruments: The customs clearance duty, if any for imported instruments has to be borne by the bidder and only the supporting documents to clear the items shall be produced by Spices Board. The bidder has to arrange the clearance, delivery and installation of the equipment at the Board's Laboratory.
 - a. If an Indian Agent is involved, the following documents must be enclosed:
 - b. Foreign principal's proforma invoice indicating the Commission payable to the Indian Agent and the nature of after sales service to be rendered by the Indian Agent.
 - c. Copy of the agency agreement with the foreign principal and the precise relationship between them and their mutual interest in the business.
 - d. The enlistment of the Indian agent with Director General of Supplies & Disposals under the Compulsory Registration Scheme of Ministry of Finance.
 - 13) The offer/bids should be sent only for a machine that is available in the market and supplied to a number of customers. A list of customers in India with details should be furnished with the tenders in Sl.No.IV. Tenders for a prototype machine will not be accepted.
 - 14) Original catalogue (not any photocopy) of the quoted model duly signed by the principals must accompany the tender.
 - 15) In case the Technical Specification for the Instrument calls for Performance Data for the quoted model, the same has to be submitted completely in all respects in a booklet form for ready reference. This data has to be generated using the quoted model, by the bidder's own application laboratory in India, as a proof of capability to provide application support. In case more than one model is quoted, the performance data for each model should be submitted separately. Generalized application notes or research papers will not be accepted as proof of performance, as these may not comply with the specific requirements of the Instrument. Spices Board reserves the right to witness either the reproduction of the data generated by the bidder's laboratory or to analyze the required samples / solutions at the bidders laboratory in case the need arises.
 - 16) Delivery Schedule: The bidder should indicate clearly the time required for delivery of the instrument. In case if there is any deviation in the delivery schedule, liquidated damages clause will be enforced or penalty for the delayed supply period will be levied.

- 17) Risk Purchase Clause: In the event of failure of supply of the item/equipment within the stipulated delivery schedule, the Board reserves the right to purchase the item/equipment from other sources on total risk of the supplier under Risk Purchase Clause.
- 18) Payment: No Advance payment will be made for Indigenous purchase. Payment shall be made only after satisfactory installation is agreed to wherever the installation is involved.
- 19) Warranty/Guarantee: The offer should clearly specify one year /five years warranty as applicable including all the spares/accessories and consumables required for the smooth and continuous functioning of the equipment as given in the section II of specifications for each equipment.
- 20) Five years comprehensive warranty exempted for all equipments with order value of less than rupees one lakh.**
- 21) User's List: The offer should include a detailed list of users as required in the specifications of each equipment.
- 22) Late offer: The offers received after the due date and time will not be considered.
- 23) Acceptance and Rejection: Spices Board reserves the right to accept whole or any part of any tender or portion of the quantity offered or reject it in full without assigning any reason.
- 24) Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Ernakulam, Kochi.
- 25) The tenderer must sign and affix seal on every page of the tender document and furnish a certificate acknowledgment as shown below:

Acknowledgement by the Tenderer

It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.

DATE

**SIGNATURE OF TENDERER
SEAL OF THE COMPANY**

Section III: Financial Bid

Name of the Equipment :.....

This sheet is to be attached as a covering sheet along with the formal technical bid of the quoted instrument. In case more than one instrument / model is quoted, separate sheets have to be attached with each quotation.

Financial Summary for the Instrument model :

Price Description		Price	Comments (if any)
Quoted Currency			
Total Instrument Cost	[a]		
Total cost of Supporting Instruments	[b]		
Comprehensive Warranty Charges (if applicable)	[c]		
Any other charges	[d]		
CIF [a] + [b] + [c] + [d] =	[e]		
Conversion Factor to INR*	[f]		
Total Price in INR [e] x [f] =	[g]		
**Total cost of Items quoted in INR =	[h]		
Final Price in INR = g + h =	[i]		

* Use the conversion factor as on the date prior to the date of submission of the quotation and mention this date clearly.

** Give full list of items quoted in Indian Rupees separately.

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF
TENDERER
SEAL OF THE COMPANY

DATE

ERROR: undefined
OFFENDING COMMAND:

STACK: