

No.F.T.1-1/2024/FSC&RD/MIS Project/180

Government of Pakistan

Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD

Federal Seed Certification and Registration Department

G 9/4, Mauve Area, Islamabad

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Islamabad, the 16<sup>th</sup> September, 2024

Subject: Uploading of "corrigendum" for the tender notice for supply of Lab Equipment's under developmental project titled "Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD"

The undersigned is directed to attach herewith, corrigendum for tender notice TS547111E for the procurement of Lab equipment's and lab items to be uploaded at PPRA website for developmental project titled "Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD"

2. The online corrigendum tender notice has already been emailed to PPRA (info@ppra.org.pk) for uploading on its website.

(Muhammad Azam Khan)

Director General /Project Incharge,  
FSC&RD, Islamabad

Deputy Director-II  
Public Procurement Regulatory Authority  
1<sup>st</sup> floor FBC Building Near State Bank,  
Sector G5/2, Islamabad

**CORRIGENDUM**

The following terms and conditions are added in the tender notice of Federal Seed Certification and Registration Department for its developmental project titled “**Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD**” vide this letter No. F.1-1/2024/FSC&RD/MIS Project/11 already published in print media dated 31-08-2024 and advertised in PPRA vide **TS547111E** dated 05-09-2024.

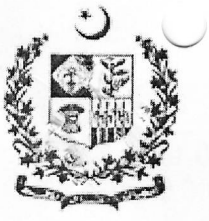
1. Complete tender must reach at the address given below on or before **1100hrs 3<sup>rd</sup> October 2024 (Thursday)**. Tender will be opened on **3<sup>rd</sup> October 2024 (Thursday) at 1200hrs** in presence of bidders or their representatives at conference room of FSC&RD HQ, Mauve Area, G-9/4, Islamabad.
2. Earnest money @ Rs.500,000/- in the form of Bank Draft (refundable) drawn in favor of Project In-charge, “**Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD**” should be attached with the tender, otherwise tender will not be accepted.
3. The specification of items mentioned in tender document (Sr. 2, 8, 15, 16, 17) are updated/revised.
4. The specification of Autoclave is added in tender document against Sr. 21 in addition to other misc. lab items.

**Note: The terms and condition already been advertised shall remains the same and further.**

- i. Department may increase/decrease the quantity/No. of items as per availability of Funds.
- ii. Complete terms and conditions are furnished in tender documents.

**(Muhammad Azam Khan)**  
Director General FSC&RD /Project Incharge,  
Mauve Area, G-9/4 Islamabad  
Ph: 051-9260126, 0300-9672947





No.F.T.1-1/2024/FSC&RD/MIS Project

Government of Pakistan

Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD

Federal Seed Certification and Registration Department

G 9/4, Mauve Area, Islamabad

\*\*\*\*\*

Islamabad, the 16<sup>th</sup> September, 2024

**TENDER NO. FSC&RD MIS Project/**

**TENDER DOCUMENT**

The Federal Seed Certification and Registration Department for its developmental project titled “Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD” invites single stage two envelop sealed tenders according to Public Procurement Rules 2004, from the reputed local parties/firms registered in e-Pak Acquisition and Disposal System (EPADS) of PPRA and Income tax & sale Tax department as well as active tax payer list of FBR for the supply of Lab equipment. It is requested that per unit cost (Rs.) inclusive of GST for the C.F.Y 2024-2025 (30<sup>th</sup> June 2025) may be quoted. Closing date for submitting sealed tenders is up to **03-10-2024 till 1100Hrs.** The tenders shall be opened on the same day at 1200Hrs by the FSC&RD Purchase Committee in the presence of bidders or their authorized representative. It is requested that per unit cost (Rs.) inclusive of GST may be quoted by the participating firms.

Sr.#	Equipment	Specifications	Qty
1	Magnifier Lamp with light	Circline type, LED Magnifier Lamp, 5-inch, 3-diopter lens increases magnification 75% at a focal length of 13", provides shadow-free light to illuminate and enlarge objects placed under the lens, 220V, 50/60Hz	15
2	Germinator	Molecular lab grade with Minimum capacity 250 L., Illumination, humidity and temperature control, Temperature range: Lights Off: 4 - 60°C, Light ON: 10 - 60°C, Digital PID controller with SV & PV values, Temperature accuracy $\pm 1\text{C}\%$ , Humidity range 50% to 90%, Humidity accuracy $\pm 3\%$ , 3 sides illumination with detachable LED lights, 24x7 weekly digital light timer, Forced air circulation through axial fans, Double walled Powder coated stainless steel exterior, Interior should also made of Stainless steel, Insulated outer solid door with lock & key and magnetic gasket, Toughened Glass inner door to view samples, Stainless steel shelves (Height adjustable), Tubular air heaters, CFC free, Audio/visual alarm for temperature deviation, 220Volts/50Hz with built in stabilizer and fuse, Door open alarm, Plant growth racks, UV lamp, built in data logger with USB interface, Password protection for controller, solid wheels for adjusting position and easy movement, digital display and stabilizer control and, at least 1 year of warranty.	10
3	EC meter and pH meter	2 in one EC and PH meter, Bench Top, Range; pH: -2.000 to 20.000, pH Resolution: pH: 0.1, 0.01, 0.001, pH Accuracy (@25°C/77°F): $\pm 0.1$ pH, $\pm 0.01$ pH, $\pm 0.002$ pH $\pm 1$ LSD, PH Calibration: automatic, up to five-point calibration, eight standard buffers available (1.68, 3.00, 4.01, 6.86, 7.01, 9.18, 10.01,12.45) and five custom buffers:	15



		EC Range:0.000 to 9.999 $\mu\text{S/cm}$ , 10.00 to 99.99 $\mu\text{S/cm}$ , 100.0 to 999.9 $\mu\text{S/cm}$ , 1.000 to 9.999 $\text{mS/cm}$ , 10.00 to 99.99 $\text{mS/cm}$ , 100.0 to 1000.0 $\text{mS/cm}$ actual EC*, EC Resolution: 0.001 $\mu\text{S/cm}$ , 0.01 $\mu\text{S/cm}$ , 0.1 $\mu\text{S/cm}$ , 1 $\mu\text{S/cm}$ , 0.001 $\text{mS/cm}$ , 0.01 $\text{mS/cm}$ , 0.1 $\text{mS/cm}$ , EC Accuracy: $\pm 1\%$ of reading ( $\pm 0.01 \mu\text{S/cm}$ ), EC Calibration: automatic standard recognition (0.000 $\mu\text{S/cm}$ , 84.00 $\mu\text{S/cm}$ , 1.413 $\text{mS/cm}$ , 5.000 $\text{mS/cm}$ , 12.88 $\text{mS/cm}$ , 80.00 $\text{mS/cm}$ , 111.8 $\text{mS/cm}$ ) or user standard; single point or multi-point calibration. Power Supply: 12 VDC adapter (included) Environment: 0 to 50°C (32 to 122°F; 273 to 323 K), RH max 95% non-condensing Dimensions: 160 x 231 x 94 mm (6.3 x 9.1 x 3.7"), Weight: 1.2 kg (2.64 lbs.) Warranty: 2 years or more	
4	Simple Magnifier lens	1 1/2" lens with 7x magnification with an attached LED light source	20
5	Thermo-hygrometer	Range of relative humidity from 0–100% with a $\pm 3\%$ accuracy and temperature from -4° F to 158° F (-20° C to 70° C) with up to $\pm 1.8^\circ$ accuracy. Dew point range is -40° F to 158° F (-40° C to 70° C). quick response time, selectable display screens, data hold feature, digital graphic display with backlight, wall/magnet mounted accessories, auto power down when the unit has been idle and hard rugged case.	28
6	Dole Moisture tester	Bench Top Grain Moisture Meter with analogue display, Electric Power Requirements: DC Battery 9V. Dimensions: H (11.5") x D (6.1") x W (9.5"), Dial calibrations: Reads directly in percent moisture as tabulated below. Temperature correction thermometer, Large easy to read dial, repeatable and accurate, easy to operate. For test of: Corn, Soybean, Barley, Wheat, Rough Rice, Peanut, Coffee etc.	13
7	Moisture tester	Bench top digital Moisture tester, Multiple purpose crops particularly for grains, menu driven operating system, No pre-weighing requirement, print and data output options.	2
8	Hot Air Oven	Horizontal air circularly by double Air ducts, high efficiency and high Uniformity, Touch button setting, LED Digital Display, Timer: 0-9999 min (with timing wait function), Sensor: Pt100, Temp. Range: Incubator: RT+5-80°C, Drying oven: 80-300°C, Temp. Motion: $\pm 1^\circ\text{C}$ , Temp. Uniformity: $\pm 2.5\%$ , PID controller, with over-temperature protection function, Oven/Incubator change switch, fan switch, High temperature blast motor, LED digital display, New anti-hot handle, LCD temperature controller, 4 grades speed fan adjustable for different requirements, Over-temperature protection system, High precision digital independent temperature limiter, stabilizer control, Stainless Steel anti rust Body.	2
9	18" Nickel Plated Trier. No. 235	Double-tube construction with 1/2" outside diameter and 5 openings, 5/16" (W) x 13/4" (L). Open-handled.	15
10	Nobbe Trier	Brass Nobbe Trier 3/4" OD x 20" Single Tube w/ 1 Opening, Stainless Steel Nobbe Tier 3/4" OD x 20" Single Tube w/ 1 Opening	40



		No. 223S Stainless Steel Nobbe Tier 3/4" OD x 30" Single Tube w/ 1 Opening No.223S-30 Brass Nobbe Trier 1/2" OD x 20" Single Tube w/ 1 Opening No. 222	
11	30" Partitioned Nickel Plated Trier No. 236-P	Double-tube construction with 1/2" outside diameter and 9 openings, 5/16" (W) x 13/4" (L), Open Handled.	10
12	39" Chrome plated Trier	<b>a.)</b> Double-tube construction, 7/8" outside diameter, 3 long openings, 8" (L) x 3/4" (W). Open-handled. Recommended for sampling cereal seeds with long straws present. Net wt: 2 lbs, Ship wt: 3 lbs, Ship dims: 43" (L) x 4" (W) x 4" (H). <b>b.)</b> Double-tube construction with a 7/8" outside diameter and 6 openings 3/4" (W) x 21/2" (L). Open-Handled. Net wt: 21/2 lbs, Ship wt: 3 lbs, Ship dims: 43" (L) x 4" (W) x 4" (H)	5+5
13	Special Lighted Magnifier	1" x 1" (25.4mm x 25.4mm) graduated base, features 10X power lens, 3/4" in diameter includes carry pouch, markings in both inches and centimeters for easy measuring of small seeds or objects. Folds flat for storage.	10
14	Seed Divider	Include stainless steel dividers, pans, scoop and cleaning brush, Number of Chutes 14, Width of Chutes 3/4", Pans 4 Furnished Hopper Size 14 <sup>3/4"</sup> x 6 <sup>3/4"</sup>	15
15	Centrifugal Divider	Centrifugal action of a motor driven revolving neoprene disc positioned under the hopper. A smooth inside finish virtually eliminates any of the sample sticking to the inner surfaces. Stainless steel anti-rust material, 5" x 5" graduated aluminum cup, fits nicely under the 106 spouts and holds approximately 1 quart/1 liter. The cup is graduated with 1/4, 1/2, and 3/4 marks. Net wt: 35 lbs, Actual dims: 9" (L) x 12" (W) x 20" (H), Precision Divider, 500 RPM Motor, 5" x 5" Graduated Beaker, Aluminum Capacity, quart/liter Transformer for 220V Operation and stabilizer control for electrical/voltage fluctuation.	5
16	Precision Balance 0.00 gm	Analytical balance minimum readability 0.01 gram, top loading, operatable at 220V, capacity 220-400gm, Line voltage, glass cover or top, digital display, no software required, stainless steel pan. Overload protection. Available measurement at least in gram, mg, ounce, carat, %. Full tare range by subtraction	20
17	Precision Balance 0.000gm	Analytical balance minimum readability 0.001 gram, capacity 400-600gm, top loading, operatable at 220V, Line voltage, glass cover or top, digital display, no software required, stainless steel pan. Overload protection. Available measurement at least in gram, mg, ounce, carat, %. Full tare range by subtraction	5
18	Seed Counter	Power: 230V/50Hz, Control Console dims: 13 <sup>3/4"</sup> (L) x 11" (W) x 8", Feeder Base Actual dims: 15 <sup>1/4"</sup> (L) x 13" (W) x 15" (H) with 10" Regular Bowl Complete with 230 V.	15
19	Seed Blower with cups	Seed blower Table, 220V, 50/60Hz, 3450 RPM, 1/3HP Motor	10



20	Weight set	Weight set of high precision stainless steel weights provided easy handling and stacking. Count 14 pieces of range (1-500g) from 1-1g,2-2g,1-5g, 1-10g, 2-20g, 1-50g, 2-100g, 2-200g, 1-500g along with individual weight piece of 1kg and 2kg along with calibration certificate.	2
21	Others (Lab items and Materials)	<b>CODA:</b> 24" Arm, 35mm Lens, 13.6 X Magnification, Working Distance 8.85", Field of View 35mm (1.37"), 220V, 60Hz No. CODA-24-35, CODA 21" HD True LED monitor, 220V	1
		<b>ELISA:</b> 96 Well plate reader in less than 5 seconds, Wavelength selection: 400 – 1000 nm with stored/set of various combinations like 450, 492, 562, 620 nm / 405, 450, 540, 630 nm / 492, 562, 605, 650 nm etc., Accuracy: ≤ 1.0 %, Display: LED, Controller: Digital Touch control, power supply ,220 V, Power efficient, Minimum 2 years of warranty, USB Port for data transfer, Small data printer	1
		<b>Nematode Extraction Sieves and Baerman funnel apparatus:</b> Nematode extraction sieves (Mesh No. 20, 40, 150, 200, 300, 350, 400, 500), Bearman Funnel apparatus (Stand with 8funnel, funnel with rubber tubes and clamps, baskets) cavity blocks with lids, hairs needles, plastic forceps and nematode counter.	02 sets
		<b>Water Distillation Unit:</b> Molecular grade wall mounted water distillation unit with easy cleaning option, anti-rust heating rod, Quality glass tolerant to extreme temperature, 220 V with minimum 12 months warranty	1
		<b>Lighted tweezer:</b> 61/4" (159mm), Serrated Blunt Point, Serrated Medium point with curve	50
		<b>Autoclave:</b> Digital, Operating Range: 105 – 135 °C, Operating Range: 3 to 30 psi (0.02 to 0.206MPa), Chamber capacity: 50 Liter or more, Lock: Smart Locking system with alarms, Display: Digital display of time, stage and pressure, Multiple Programs, Safety: Dual-sensing lid interlock, over-pressure power cutoff, over-temperature power cutoff, low-water power cutoff, mechanical pressure relief valve, microprocessor-controlled pressure relief valve, lid-closure detector, over-current detector and circuit breaker, Stainless steel chamber, Anti rust material.	1

1. Tender procedure will base upon “**Single Stage-Two Envelope**” as prescribed under PPRA rules.
2. A complete set of tender documents may be obtained by interested tenderers during office hours i.e. 0830 to 1630 hours at the address given from Deputy Director (CSTL)/Deputy Director (PBRR-P). Tender documents may also be viewed/downloaded electronically from the PPRA Website as well as from department website (www.fedearlseed.gov.pk).
3. The Financial Bids must be accompanied with the earnest money @ Rs.500,000/- of the total bid in the form of Bank Draft (refundable) drawn in favor of Project Incharge, “**Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD**”
4. The Tenderer shall chronologically serialize all pages of the tender document submitted. The proposals must be duly stamped and sealed.

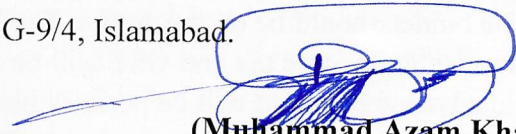


5. Completed tenders must reach at “**Federal Seed Certification & Registration Department (FSC&RD), Mauve Area, G-9/4, Islamabad**” on or before **03<sup>rd</sup> October 2024** till 1100 hours. Incomplete and tenders received late will be rejected.
6. Tenders will be opened immediately after the deadline at 1200 hours on **3<sup>rd</sup> October 2024** in the conference room of the FSC&RD Hqrs, located at Mauve Area, G-9/4, Islamabad. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend the tender opening.

### **General Terms & Conditions**

1. The Terms & Conditions are as under: No proposal will be considered if:
  - i. Received without required documentation or found incomplete;
  - ii. Received later than the date and time fixed for submission;
  - iii. The Proposal is unsigned/unstamped;
  - iv. The Proposal is signed/stamped by the unauthorized agent of the Firm/company;
  - v. The Proposal is from a firm which is black listed or in litigation of some sort with any Public-Sector Organization;
  - vi. The Proposal is received by telephone/telex/fax/telegram;
  - vii. Received without earnest money;
  - viii. In contradiction with the specification given by the FSC&RD;
  - ix. Without sample of the items; where particularly demanded.
2. The bidder should be on the Active Tax Payer List for GST and Income Tax of FBR.
3. Applicable Income tax and GST will be deducted at source/as per rules.
4. No advance payment will be permissible;
5. In case, the selected/successful bidder(s) impose any conditions at a later stage; the earnest money will be confiscated and/or will be bar from further work with the department for a period determined by it.
6. Deadlines will strictly be observed, and penalty will be imposed if deadlines are not met.
7. Any attempt by a bidder to influence in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of the bid;
8. The department reserves the right to accept or reject any or all proposals, at any time, as per PPRA Rules.
9. In case of any clarification in the proposal, please visit the office of the undersigned.
10. Bids should be valid for 90 days without any conditions. Any condition, whatsoever, will disqualify the firm from the process.
11. The delivery of items/equipment must be made within 4-6 weeks' time.
12. The prices should be quoted in PKR inclusive of all taxes.
13. No request for correction will be entertained after opening of the bid.
14. FSC&RD shall disqualify any firm(s), if at any stage; it finds that the information submitted, or documents provided are inaccurate, fake, ambiguous or incomplete.
15. In case of any conflict in the price/cost quoted by the bidder; the unit cost quoted by the bidder will be consider. In case of no mention of GST. The prices/cost will be considered as inclusive of GST.
16. In case of any holiday is announced by the Govt. or any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majure Situation), the tenders will be opened on the very next working day. Timing will remain same as mentioned in the tender notice.
17. Do not submit any other document other than demanded.

18. Applicable Income tax and GST will be deducted at source/as per rules. In case of exemption, please mention and attach the proper documentation duly verified from the concerned authorities.
19. Acceptance or rejection of the exemption certificate is the discretion of the department and refund (if any) may be claimed from FBR.
20. FSC&RD is authorized to vary quantities at the time of issuing supply order or as decided latterly according to its requirement.
21. Any proposal/tender received by FSC&RD after the deadline will be returned unopened to bidder concerned. Delays in the mail or courier, delays of person in transit, or delivery of a proposal to the wrong office shall not be accepted as an excuse for failure to deliver a proposal at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his proposal will be accomplished either in person, by messenger or by mail to the concerned office.
23. All items have to be delivered to FSC&RD, office G-9/4, Islamabad.



**(Muhammad Azam Khan)**

Director General/ Project Incharge  
FSC&RD, Islamabad

**Deputy Director (IT & Web),**

Public Procurement Regulatory Authority, 1st Floor FBC Building  
near State Bank, Sector G-5/2, Islamabad- [with request to up-load the said advertisement in PPR, website and send a bill for payment].

- CC:**
1. Section officer (Plan-I), MNFS&R, Islamabad
  2. Project file store



**Government of Pakistan**  
**Federal Seed Certification and Registration Department**  
G 9/4, Mauve Area, Islamabad

**TENDER NOTICE**

The Federal Seed Certification and Registration Department for its developmental project titled **“Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD”** invites sealed tenders according to Public Procurement Rules 2004, from the reputed local parties/firms registered in e-Pak Acquisition and Disposal System (EPADS) of PPRA and Income tax & sale Tax department as well as active tax payer list of FBR for the supply of Lab equipment. It is requested that per unit cost (Rs.) inclusive of GST for the C.F.Y 2024-2025 may be quoted.

Sr.#	Equipment	Qty	Sr.#	Equipment	Qty	Sr.#	Equipment	Qty
1	Magnifier Lamp with light	15	9	18" Nickel Plated Trier	15	17	Precision Balance 0.000gm	5
2	Germinator	10	10	Nobbe Trier	40	18	Seed Counter	15
3	EC meter and PC meter	15	11	30" Partitioned Nickel Plated Trier	10	19	Seed Blower with cups	10
4	Simple Magnifier Lens	20	12	39" Chrome Plated trier	10	20	Weight sets	2
5	Thermo-hygrometer	28	13	Special Lighted Magnifier	10	21	Others (Lab items & materials)	5
6	Dole moisture tester	13	14	Seed Divider	15			
7	Moisture tester	2	15	Centrifugal Divider	5			
8	Hot Air Oven	2	16	Precision Balance 0.00 gm	20			

2. Tender procedure will base upon **“Single Stag-Two Envelope”** as bidding method as prescribed under PPRA Rules. A complete set of tender documents may be obtained by the interested tenderers during the office hours on any working day from Deputy Director (CSTL)/ Deputy Director (PBRR-P) at FSC&RD Building, Mauve Area, G-9/4, Islamabad. Tender may also be reviewed/Downloaded from department websites ([www.federalseed.gov.pk](http://www.federalseed.gov.pk)) as well as from [www.ppra.org.pk](http://www.ppra.org.pk). Complete tender must reach at the address given below on or before **1100hrs 16<sup>th</sup> September 2024**. Tenders will be opened on **16<sup>th</sup> September 2024 at 1200 hrs** in presence of bidders or their representatives at committee room of FSC&RD HQ, Mauve Area, G-9/4, Islamabad.

3. Earnest money @ 2% of the total bid in the form of Bank Draft (refundable) drawn in favor of Project Incharge, **“Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD”** should be attached with the tender, otherwise tender will not be accepted.

- i. The tender shall chronologically serialize all pages of the tender documents submitted. The proposals must be duly signed and sealed. Incomplete or tender received after due date/time will be rejected.
- ii. Specifications of lab equipment's and machinery should be clearly mentioned in the tender.
- iii. Supply of items should be made within 30 days after the receipt of supply order.
- iv. In case of non-supply of items by the successful bidder within the prescribed period after issuance of supply/work order, the earnest money deposited with this Department will be forfeited.
- v. In case of failure to completion of supply of equipment, penalty will be imposed on defaulting bidders under the Government rules.
- vi. This department reserves the right to cancel the above tender as per Rule No. 33 PPRA 2004.
- vii. Department may increase/decrease the quantity/No. of items as per availability of Funds.
- viii. Complete terms and conditions are furnished in tender documents.

**(Muhammad Azam Khan)**  
Director General FSC&RD /Project Incharge,  
Mauve Area, G-9/4 Islamabad  
Ph: 051-9260126, 0300-9672947

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No.F.T.1-1/2024/FSC&RD/MIS Project

Government of Pakistan

Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD

Federal Seed Certification and Registration Department

G 9/4, Mauve Area, Islamabad

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Islamabad, the 02<sup>nd</sup> September, 2024

**TENDER NO. FSC&RD MIS Project/**

**TENDER DOCUMENT**

The Federal Seed Certification and Registration Department for its developmental project titled **“Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD”** invites single stage two envelop sealed tenders according to Public Procurement Rules 2004, from the reputed local parties/firms registered in e-Pak Acquisition and Disposal System (EPADS) of PPRA and Income tax & sale Tax department as well as active tax payer list of FBR for the supply of Lab equipment. It is requested that per unit cost (Rs.) inclusive of GST for the C.F.Y 2024-2025 (30<sup>th</sup> June 2025) may be quoted. Closing date for submitting sealed tenders is up to **16-09-2024 till 1100Hrs.** The tenders shall be opened on the same day at 1200Hrs by the FSC&RD Purchase Committee in the presence of bidders or their authorized representative. It is requested that per unit cost (Rs.) inclusive of GST may be quoted by the participating firms.

Sr.#	Equipment	Specifications	Qty
1	Magnifier Lamp with light	Circline type, LED Magnifier Lamp, 5-inch, 3-diopter lens increases magnification 75% at a focal length of 13", provides shadow-free light to illuminate and enlarge objects placed under the lens, 220V, 50/60Hz	15
2	Germinator	Molecular lab grade with Minimum capacity 250 L., Illumination, humidity and temperature control, Temperature range: Lights Off: 4 - 60°C, Light ON: 10 - 60°C, Digital PID controller with SV & PV values, Temperature accuracy ±1C%, Humidity range 50% to 90%, Humidity accuracy ±3%, 3 sides illumination with detachable LED lights, 24x7 weekly digital light timer, Forced air circulation through axial fans, Double walled Powder coated stainless steel exterior, Interior should also made of Stainless steel, Insulated outer solid door with lock & key and magnetic gasket, Toughened Glass inner door to view samples, Stainless steel shelves (Height adjustable), Tubular air heaters, CFC free, Audio/visual alarm for temperature deviation, 220Volts/50Hz with built in stabilizer and fuse, Door open alarm, Plant growth racks, UV lamp, built in data logger with USB interface, Password protection for controller, solid wheels for adjusting position and easy movement, digital display and control, at least 1 year of warranty.	10
3	EC meter and pH meter	2 in one EC and pH meter, Bench Top, Range; pH: -2.000 to 20.000, pH Resolution: pH: 0.1, 0.01, 0.001, pH Accuracy (@25°C/77°F):	15



		<p>±0.1 pH, ±0.01 pH, ±0.002 pH ±1 LSD, PH Calibration: automatic, up to five-point calibration, eight standard buffers available (1.68, 3.00, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) and five custom buffers:  EC Range: 0.000 to 9.999 µS/cm, 10.00 to 99.99 µS/cm, 100.0 to 999.9 µS/cm, 1.000 to 9.999 mS/cm, 10.00 to 99.99 mS/cm, 100.0 to 1000.0 mS/cm actual EC*, EC Resolution: 0.001 µS/cm, 0.01 µS/cm, 0.1 µS/cm, 1 µS/cm, 0.001 mS/cm, 0.01 mS/cm, 0.1 mS/cm, EC Accuracy: ±1% of reading (±0.01 µS/cm), EC Calibration: automatic standard recognition (0.000 µS/cm, 84.00 µS/cm, 1.413 mS/cm, 5.000 mS/cm, 12.88 mS/cm, 80.00 mS/cm, 111.8 mS/cm) or user standard; single point or multi-point calibration. Power Supply: 12 VDC adapter (included) Environment: 0 to 50°C (32 to 122°F; 273 to 323 K), RH max 95% non-condensing Dimensions: 160 x 231 x 94 mm (6.3 x 9.1 x 3.7"), Weight: 1.2 kg (2.64 lbs.) Warranty: 2 years or more</p>	
4	Simple Magnifier lens	1 1/2" lens with 7x magnification with an attached LED light source	20
5	Thermo-hygrometer	Range of relative humidity from 0–100% with a ± 3% accuracy and temperature from -4° F to 158° F (-20° C to 70° C) with up to ±1.8° accuracy. Dew point range is -40° F to 158° F (-40° C to 70° C), quick response time, selectable display screens, data hold feature, digital graphic display with backlight, wall/magnet mounted accessories, auto power down when the unit has been idle and hard rugged case.	28
6	Dole Moisture tester	Bench Top Grain Moisture Meter with analogue display, Electric Power Requirements: DC Battery 9V. Dimensions: H (11.5") x D (6.1") x W (9.5"), Dial calibrations: Reads directly in percent moisture as tabulated below. Temperature correction thermometer, Large easy to read dial, repeatable and accurate, easy to operate. For test of: Corn, Soybean, Barley, Wheat, Rough Rice, Peanut, Coffee etc.	13
7	Moisture tester	Bench top digital Moisture tester, Multiple purpose crops particularly for grains, menu driven operating system, No pre-weighing requirement, print and data output options.	2
8	Hot Air Oven	Horizontal air circularly by double Air ducts, high efficiency and high Uniformity, Touch button setting, LED Digital Display, Timer: 0-9999 min (with timing wait function), Sensor: Pt100, Temp. Range: Incubator: RT+5-80°C, Drying oven: 80-300°C, Temp. Motion: ±1°C, Temp. Uniformity: ±2.5%, PID controller, with over-temperature protection function, Oven/Incubator change switch, fan switch, High temperature blast motor, LED digital display, New anti-hot handle, LCD temperature controller, 4 grades speed fan adjustable for different requirements, Over-temperature	2

		protection system, High precision digital independent temperature limiter, Stainless Steel anti rust Body.	
9	18" Nickel Plated Trier.....No. 235	Double-tube construction with 1/2" outside diameter and 5 openings, 5/16" (W) x 13/4" (L). Open-handled.	15
10	Nobbe Trier	Brass Nobbe Trier 3/4" OD x 20" Single Tube w/ 1 Opening, Stainless Steel Nobbe Tier 3/4" OD x 20" Single Tube w/ 1 Opening .. No. 223S Stainless Steel Nobbe Tier 3/4" OD x 30" Single Tube w/ 1 Opening No.223S-30 Brass Nobbe Trier 1/2" OD x 20" Single Tube w/ 1 Opening No. 222	40
11	30" Partitioned Nickel Plated Trier No. 236-P	Double-tube construction with 1/2" outside diameter and 9 openings, 5/16" (W) x 13/4" (L), Open Handled.	10
12	39" Chrome plated Trier	<b>a.)</b> Double-tube construction, 7/8" outside diameter, 3 long openings, 8" (L) x 3/4" (W). Open-handled. Recommended for sampling cereal seeds with long straws present. Net wt: 2 lbs, Ship wt: 3 lbs, Ship dims: 43" (L) x 4" (W) x 4" (H). <b>b.)</b> Double-tube construction with a 7/8" outside diameter and 6 openings 3/4" (W) x 21/2" (L). Open-Handled. Net wt: 21/2 lbs, Ship wt: 3 lbs, Ship dims: 43" (L) x 4" (W) x 4" (H)	5+5
13	Special Lighted Magnifier	1" x 1" (25.4mm x 25.4mm) graduated base, features 10X power lens, 3/4" in diameter includes carry pouch, markings in both inches and centimeters for easy measuring of small seeds or objects. Folds flat for storage.	10
14	Seed Divider	Include stainless steel dividers, pans, scoop and cleaning brush, Number of Chutes 14, Width of Chutes 3/4", Pans 4 Furnished Hopper Size 14 <sup>3/4"</sup> x 6 <sup>3/4"</sup>	15
15	Centrifugal Divider	Centrifugal action of a motor driven revolving neoprene disc positioned under the hopper. A smooth inside finish virtually eliminates any of the sample sticking to the inner surfaces. Stainless steel anti-rust material, 5" x 5" graduated aluminum cup, fits nicely under the 106 spouts and holds approximately 1 quart/1 liter. The cup is graduated with 1/4, 1/2, and 3/4 marks. Net wt: 35 lbs, Actual dims: 9" (L) x 12" (W) x 20" (H), Precision Divider, 500 RPM Motor, 5" x 5" Graduated Beaker, Aluminum Capacity, quart/liter Transformer for 220V Operation	5
16	Precision Balance 0.00 gm	Capacity 220-400gm, Readability 0.00 gm	20
17	Precision Balance 0.000gm	Capacity 400-600gm, Readability 0.000 gm	5



18	Seed Counter	Power: 230V/50Hz, Control Console dims: 13¾" (L) x 11" (W) x 8", Feeder Base Actual dims: 15¼" (L) x 13" (W) x 15" (H) with 10" Regular Bowl Complete with 230 V.	15
19	Seed Blower with cups	Seed blower Table, 220V, 50/60Hz, 3450 RPM, 1/3HP Motor	10
20	Weight set	Weight set of high precision stainless steel weights provided easy handling and stacking. Count 14 pieces of range (1-500g) from 1-1g,2-2g,1-5g, 1-10g, 2-20g, 1-50g, 2-100g, 2-200g, 1-500g along with individual weight piece of 1kg and 2kg along with calibration certificate.	2
21	Others (Lab items and Materials)	<b>CODA:</b> 24" Arm, 35mm Lens, 13.6 X Magnification, Working Distance 8.85", Field of View 35mm (1.37"), 220V, 60Hz No. CODA-24-35, CODA 21" HD True LED monitor, 220V	1
		<b>ELISA:</b> 96 Well plate reader in less than 5 seconds, Wavelength selection: 400 – 1000 nm with stored/set of various combinations like 450, 492, 562, 620 nm / 405, 450, 540, 630 nm / 492, 562, 605, 650 nm etc., Accuracy: ≤ 1.0 %, Display: LED, Controller: Digital Touch control, power supply ,220 V, Power efficient, Minimum 2 years of warranty, USB Port for data transfer, Small data printer	1
		<b>Nematode Extraction Sieves and Baerman funnel apparatus:</b> Nematode extraction sieves (Mesh No. 20, 40, 150, 200, 300, 350, 400, 500), Bearman Funnel apparatus (Stand with 8funnel, funnel with rubber tubes and clamps, baskets) cavity blocks with lids, hairs needles, plastic forceps and nematode counter.	02 sets
		<b>Water Distillation Unit:</b> Molecular grade wall mounted water distillation unit with easy cleaning option, anti-rust heating rod, Quality glass tolerant to extreme temperature, 220 V with minimum 12 months warranty	1
		<b>Lighted tweezer:</b> 6¼" (159mm), Serrated Blunt Point, Serrated Medium point with curve	50

1. Tender procedure will base upon **"Single Stage-Two Envelope"** as prescribed under PPRA rules.
2. A complete set of tender documents may be obtained by interested tenderers during office hours i.e. 0830 to 1630 hours at the address given from Deputy Director (CSTL)/Deputy Director (PBRR-P). Tender documents may also be viewed/downloaded electronically from the PPRA Website as well as from department website ([www.fedearlseed.gov.pk](http://www.fedearlseed.gov.pk)).
3. The Financial Bids must be accompanied with the earnest money @ 2% of the total bid in the form of Bank Draft (refundable) drawn in favor of Project Incharge, **"Establishment of Consumer Sourcing Seed Authenticity System and Strengthening of Labs of FSC&RD"**
4. The Tenderer shall chronologically serialize all pages of the tender document submitted. The proposals must be duly stamped and sealed.
5. Completed tenders must reach at **"Federal Seed Certification & Registration Department (FSC&RD), Mauve Area, G-9/4, Islamabad"** on or before 16<sup>th</sup> September 2024 till 1100 hours. Incomplete and tenders received late will be rejected.

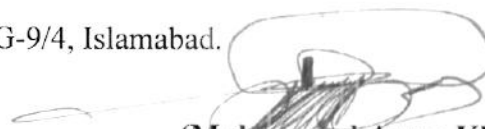
6. Tenders will be opened immediately after the deadline at 1200 hours on 16<sup>th</sup> September 2024 in the conference room of the FSC&RD Hqrs, located at Mauve Area, G-9/4, Islamabad. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend the tender opening.

### **General Terms & Conditions**

1. The Terms & Conditions are as under: No proposal will be considered if:
  - i. Received without required documentation or found incomplete;
  - ii. Received later than the date and time fixed for submission;
  - iii. The Proposal is unsigned/unstamped;
  - iv. The Proposal is signed/stamped by the unauthorized agent of the Firm/company;
  - v. The Proposal is from a firm which is black listed or in litigation of some sort with any Public-Sector Organization;
  - vi. The Proposal is received by telephone/telex/fax/telegram;
  - vii. Received without earnest money;
  - viii. In contradiction with the specification given by the FSC&RD;
  - ix. Without sample of the items; where particularly demanded.
2. The bidder should be on the Active Tax Payer List for GST and Income Tax of FBR.
3. Applicable Income tax and GST will be deducted at source/as per rules.
4. No advance payment will be permissible;
5. In case, the selected/successful bidder(s) impose any conditions at a later stage; the earnest money will be confiscated and/or will be bar from further work with the department for a period determined by it.
6. Deadlines will strictly be observed, and penalty will be imposed if deadlines are not met.
7. Any attempt by a bidder to influence in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of the bid;
8. The department reserves the right to accept or reject any or all proposals, at any time, as per PPRA Rules.
9. In case of any clarification in the proposal, please visit the office of the undersigned.
10. Bids should be valid for 90 days without any conditions. Any condition, whatsoever, will disqualify the firm from the process.
11. The delivery of items/equipment must be made within 4-6 weeks' time.
12. The prices should be quoted in PKR inclusive of all taxes.
13. No request for correction will be entertained after opening of the bid.
14. FSC&RD shall disqualify any firm(s), if at any stage; it finds that the information submitted, or documents provided are inaccurate, fake, ambiguous or incomplete.
15. In case of any conflict in the price/cost quoted by the bidder; the unit cost quoted by the bidder will be consider. In case of no mention of GST. The prices/cost will be considered as inclusive of GST.
16. In case of any holiday is announced by the Govt. or any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majure Situation), the tenders will be opened on the very next working day. Timing will remain same as mentioned in the tender notice.
17. Do not submit any other document other than demanded.



18. Applicable Income tax and GST will be deducted at source/as per rules. In case of exemption, please mention and attach the proper documentation duly verified from the concerned authorities.
19. Acceptance or rejection of the exemption certificate is the discretion of the department and refund (if any) may be claimed from FBR.
20. FSC&RD is authorized to vary quantities at the time of issuing supply order or as decided latterly according to its requirement.
21. Any proposal/tender received by FSC&RD after the deadline will be returned unopened to bidder concerned. Delays in the mail or courier, delays of person in transit, or delivery of a proposal to the wrong office shall not be accepted as an excuse for failure to deliver a proposal at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his proposal will be accomplished either in person, by messenger or by mail to the concerned office.
23. All items have to be delivered to FSC&RD, office G-9/4, Islamabad.



**(Muhammad Azam Khan)**

Director General/ Project Incharge  
FSC&RD, Islamabad

**Deputy Director (IT & Web),**

Public Procurement Regulatory Authority, 1st Floor FBC Building  
near State Bank, Sector G-5/2, Islamabad- [with request to up-load the said advertisement in PPRA, website and send a bill for payment].

- CC:**
1. Section officer (Plan-I), MNFS&R, Islamabad
  2. Project file store