

No.F.1-2/2025-26/PSDP (Pak-Korea)  
National Agricultural Research Centre  
Directorate of Procurement

## **INVITATION TO BID**

**Issue Date:** 17-11-2025  
**Closing Date:** 03-12-2025

**Closing Time:** 11:00AM  
**Opening Time:** 11:30AM

National Agricultural Research Centre (NARC), Islamabad invites sealed bids (single stage single envelope) for procurement of consumable items registered with Income Tax, Sales Tax Department and PPRA E-PADS under PSDP-Project Titled, "Pakistan-Korea Joint Program on Certified Seed Potato Production System", NARC as per detail given as under:-

Sr.	Description	Quantity	Tender Document Cost	Remarks
1	Consumable Items	127-Items	Pay Order, CDR or Bank Draft amounting to Rs.3000/-(Non-Refundable) drawn in the favor of "PARC Income A/C # 200-0/4004629223"	Research Consumable Items are required from the sole agent, sole distributor, authorized dealer & other items from general order suppliers

The detailed specification of items along-with terms & conditions are mentioned in the tender/bidding document and also available on PPRA/PARC/E-PADS websites. The tender document cost along-with 4% of the quoted bid value as earnest money including taxes in shape of pay order/demand draft in favor of NARC, Islamabad should be submitted by the interested firms on **03-12-2025 at 11:00AM**.

The Chairman, PARC reserves the right to accept or reject any or all tenders as per PPRA's Rules 2004.

**(Muhammad Tahir Saleem)**  
Director (Proc), NARC  
Phone No: 051-90733046-48

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Detail of Consumable Item (s) under PSDP-Project Titled, "Pakistan-Korea Joint  
Program on Certified Seed Potato Production System", NARC

Sr.	Description	Quantity	Quoted Item by Firm (Cat No./Make/Made/Brand /Origin)	Unit Price (Including Taxes)	Total Price (Including Taxes)
<b>Items Required for Plant Virology, CDRI Component</b>					
1	Potato Virus Y (PVY) Complete Kit Agdia/Nano Diagnostics/Bio Reba or Equivalent – A List of Detectable Virus Isolates/Strains Must be Shared for Comparison (1000 Reaction Kit)	4			
2	Potato Leaf Roll Virus (PLRV) Complete Kit Agdia/Nano Diagnostics/Bio Reba or Equivalent – A List of Detectable Virus Isolates/Strains Must be Shared for Comparison (1000 Reaction Kit)	4			
3	Potato Virus A (PVA) Complete Kit Agdia/Nano Diagnostics/Bio Reba or Equivalent – A List of Detectable Virus Isolates/Strains Must be Shared for Comparison (1000 Reaction Kit)	4			
4	Potato Virus M (PVM) Complete Kit Agdia/Nano Diagnostics/Bio Reba or Equivalent – A List of Detectable Virus Isolates/Strains Must be Shared for Comparison (1000 Reaction Kit)	4			
5	Potato Virus S (PVS) Complete Kit Agdia/Nano Diagnostics/Bio Reba or Equivalent – A List of Detectable Virus Isolates/Strains Must be Shared for Comparison (1000 Reaction Kit)	4			
6	Nunc-Immuno™ MicroWell™ 96 Well Solid Flat Bottom ELISA/Microtiter Plates Cell Culture Plates will Not be Accepted) or Equivalent	20			
7	Universal Sample Extraction Bags (12x15 cm) Kg or Equivalent	20			
8	Nest Filter Pipette Tips Autoclavable Sterile/RNase DNase Free (10 µl) Box of 96 Tips or Equivalent	20			
9	Nest Filter Pipette Tips Autoclavable Sterile/RNase DNase Free (200 µl) Pack of 500 PCS or Equivalent	10			
10	Nest Filter Pipette Tips Autoclavable Sterile/RNase DNase Free (1000 µl) Box of 96 Tips or Equivalent	20			
11	Micro-Touch Royal Blue Gloves (Medium) Box of 100 PCS or Equivalent	10			
12	Tween-20 C58H114O26, M.W: 1227.72 g/mol. 99.99% Pure. The Product's Batch Number should be Clearly Mentioned on the Packing and should be Verifiable Online at Manufacturer's Website. (1 Liter) or Equivalent	1			
13	Polyvinylpyrrolidone (PVP) C6H9NO(N), MW 24- 40,000. 99.99% Pure. The Product's Batch Number should be Clearly Mentioned on the Packing and should be Verifiable Online at Manufacturer's Website (1 Kg) or Equivalent	1			
14	Genejet Plant RNA Purification Mini Kit (Thermo Scientific) (50 Preps) (K0801) or Equivalent	2			
15	Genejet Plant Genomic DNA Purification Mini Kit (Thermo Scientific) (50 Preps) (K0791) or Equivalent	2			
16	Revert Aid First Strand cDNA Synthesis Kit (K1622) (100 Reactions) (Thermo Scientific) or Equivalent	2			
17	TAE Buffer (50X) 1 Litre or Equivalent	1			
18	Phusion High-Fidelity PCR Master Mix with GC Buffer (100 Reactions) or Equivalent	1			
19	Phusion High-Fidelity PCR Master Mix with HF Buffer (100 Reactions) or Equivalent	1			
20	Micro Centrifuge Tubes (1.5mL) NEST RNase DNase Free Clear Conical or Equivalent 500/Pack or Equivalent	1			
21	Ethanol 99% Purity (Litre) or Equivalent	20			
22	Autoclavable Bags (Kg) or Equivalent	20			
23	Eppendorf Tube Racks of 48 Well/Rack (Nos) or Equivalent	5			
24	Plastic Flexible Nylon Tags (W:5" * L:4") Samples can be Seen at KOPIA Greenhouse Complex NARC Islamabad During Office Hours (Nos) or Equivalent	2000			
<b>Items Required for Screen House &amp; Field</b>					
25	Field Long Shoes (Pair) 6, 7, 8 No Samples can be Seen at KOPIA Greenhouse Complex NARC	10			

Sr.	Description	Quantity	Quoted Item by Firm (Cat No./Make/Made/Brand /Origin)	Unit Price (Including Taxes)	Total Price (Including Taxes)
	Islamabad During Office Hours or Equivalent				
26	Digital LCD Thermometer, Humidity Meter, Room Indoor Temperature Clock Imported or Equivalent	10			
27	Boss BP-199-UC Milano Shell Chair With U Frame and Cushions Company: Boss or Equivalent	3			
28	Boss BP-682 Steel Plastic Rattan Chair With Arms Company: Boss or Equivalent	12			
29	Boss BP-214-S Steel Plastic Square Folding Table (2 X 3) Company: Boss or Equivalent	2			
30	Takarri for Seed Potato Harvesting Purpose Silver Material, Medium to Big Size with 10-15 Kg Capacity or Equivalent	10			
31	Heavy Duty Canvas Tarpal 100% Waterproof + Heat-Resistance, With Loops & Rings on All Sides with Every 3 Feet Distance, All Sides Double Stitched (20x22 feet) or Equivalent	3			
32	PVC Dotted Knit Cotton Working Gloves Fabric: Natural Cotton Blend String, Palm: Black PVC Dot, Cuff: Knit Wrist, Weight: 600-800 Grams Per Dozen, Size: Universal or Equivalent	100			
33	Plastic Crates for Potato Storage 50 Kg Capacity: Length x Width x Height 22.5 x 15.5 x 14.5 inches Samples Can be Seen at KOPIA Greenhouse Complex NARC Islamabad During Office Hours or Equivalent	200			
34	Roundup Glyphosate 540gm (1000 ml), Herbicide Company: Monsanto or Equivalent	30			
35	Urea (50 Kg Bag) Company: FFC or Equivalent	40			
36	DAP (50 Kg Bag) Company: FFC or Equivalent	20			
37	SOP (50 Kg Bag) Company: FFC or Equivalent	15			
38	NPK (50 Kg Bag) Company: FFC or Equivalent	15			
39	Sona Zinc Sulfate (3 Kg) Fertilizer Company: FFC or Equivalent	30			
40	Sulphur Bentonite 90% (25Kg) Company: Global Products or Equivalent	5			
<b>Items Required for Tissue Culture Lab NIGAB</b>					
41	Sugar Refined Sugar in 2Kg Packing (Packets)	50			
42	Polythene Shopping Bags Size 5kg Capacity (15" x 18" ) Autoclavable (Kg)	30			
43	Spray Bottle General Purpose Spray Bottle 450ml (Good Quality)	20			
44	Petri Dishes Borosilicate Glass Petri Dishes Pairs Colour: Clear, Capacity: 100mm Height:100mm x 20mm Class/Quality: Type I (Pairs) or Equivalent	50			
45	Plastic Measuring Beaker Jug Capacity: 5000ml Transparent Plastic (No.) or Equivalent	5			
46	Plastic Measuring Beaker Jug Capacity: 2000ml Transparent Plastic (No.) or Equivalent	5			
47	Plastic Measuring Beaker Jug Capacity: 500ml Transparent Plastic (No.) or Equivalent	10			
48	Rubber Bands Autoclavable Size 38mm (400g Packet)	50			
49	Cotton Rolls Weight 400g, Master/Surgical Fibre (Rolls)	50			
50	Flask Borosilicate Glass Flask 125 ml (No.) or Equivalent	20			
51	Ceramic Thread Holder for Spirit Lamp Head Diameter: 21mm, Bottom: 11 mm, Hole: 6mm (No.)	20			
52	Topsin –M (Thiophenate Methyl) Packet Weight 100g, Arista (Packets) or Equivalent	20			
53	Glass Bead Sterilizer Digital LCD Display upto 350 c Double Walled with Chamber Model: AC-338BD (No.) or Equivalent	4			
54	GA3 Gibberellic Acid Cat # G500 Made: Phytotechnology 5g Packing or Equivalent	2			
55	Measuring Cylinders (100ml) Glass Volume 100ml, Weight 0.25kg, Material Borosilicate Glass 3.3, Brand Pyrex (No.) or Equivalent	5			
56	Measuring Cylinders (250ml) Glass Volume 250ml, Weight 0.30kg, Material Borosilicate Glass 3.3, Brand Pyrex (No.) or Equivalent	5			
57	Measuring Cylinders (500ml) Glass Volume 500ml, Weight 0.30kg, Material Borosilicate Glass 3.3, Brand Pyrex (No.) or Equivalent	5			
58	Measuring Cylinders (1000 ml) Glass Volume 1000ml, Weight 0.5kg, Material Borosilicate Glass 3.3, Brand Pyrex (No.) or Equivalent	5			
59	Schott Duran Bottles (250 ml) Material Borosilicate Glass, Round Transparent Graduated Bottles with Blue PP Cap.(No.) or Equivalent	10			
60	Schott Bottles (500 ml) Material Borosilicate Glass,	10			

Sr.	Description	Quantity	Quoted Item by Firm (Cat No./Make/Made/Brand /Origin)	Unit Price (Including Taxes)	Total Price (Including Taxes)
	Round Transparent Graduated Bottles with Blue PP Cap. (No.) or Equivalent				
61	Schott Bottles (1000 ml) Material Borosilicate Glass, Round Transparent Graduated Bottles with Blue PP Cap.(No.) or Equivalent	10			
62	Nylon Mesh Bags for Potato Storage 50 Kg Capacity with the Dimension of 22 x44 inches (No.)	800			
63	Nylon Mesh Bags for Potato Storage 25 Kg Capacity with the Dimension of 22 x36 inches (No.)	800			
64	Murashige & Skoog Basal Medium with Vitamins Phytotech Lab (443 g Pack) or Equivalent	30			
65	Gellan Gum, Culture Gel Phytotech Lab (1 Kg packing) or Equivalent	5			
66	Sterile Surgical Blades (24 No) Pack of 100 Blades (Packets)	30			
67	Covering Sheets for Glass Jars Plastic Sheets, Autoclaveable, Size 17x12.5cm (Kg)	50			
68	Lab PP Tissue Culture Bottle Sealing with Filter (Each) PP Sheets Autoclaveable with Embedded Filter. Size 14x14 cm Sheet Size of Filter1.6cm Filter Diameter or Equivalent	20			
69	Agarose for Gel Electrophoresis, Thermo Fisher Scientific (Kg) or Equivalent	1.5			
70	Muslin Cloth White (Meter)	100			
71	PPM-Plant Preservative Mixture for Plant Tissue Culture Media, Made: Plant Cell Technology 100 ml Packing Bottles or Equivalent	5			
72	Aluminium Foil 37.5 sq.ft (Roll)	20			
73	Buffer Solution pH 4.0 Thermo Scientific, Merck or Any Well Reputed International Brand (500ml Packing Bottles) or Equivalent	2			
74	Buffer Solution pH 7.0 Thermo Scientific, Merck or Any Well Reputed International Brand (500ml Packing Bottles) or Equivalent	2			
75	Buffer Solution pH 10.0 Thermo Scientific, Merck or Any Well Reputed International Brand (500ml Packing Bottles) or Equivalent	2			
76	Hydrogen Chloride Concentrated Hydrogen Chloride/Hydrochloric Acid Concentrated; Fuming >37%, Merck, Sigma, Thermo Scientific or Any Well Reputed Scientific Reagent Brand (Litres) or Equivalent	2			
77	Benzylaminopurine BAP Merck/Sigma-Aldrich, Thermo Scientific, Across/Alfa, Duchefa, Caisson/PhytoTech, Hi Media (5g Packing) or Equivalent	2			
78	Indole-3-Acetic Acid (IAA) Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Caisson/PhytoTech, Hi Media (5g Packing) or Equivalent	2			
79	2,4 Dichloro phenoxy acetic acid solution (2,4-D) Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Hi Media (25g Packing) or Equivalent	2			
80	6(γ, γ-Dimethylallylamino)purine (2iP) Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Caisson/PhytoTech, Hi Media (1g Packing) or Equivalent	1			
81	Thidiazuron (TDZ);> 98%Purity Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Caisson/PhytoTech, Hi Media (5g Packing) or Equivalent	1			
82	Naphthalene Acetic Acid (NAA) Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Hi Media (25g Packing) or Equivalent	1			
83	Indole-3-Butyric Acid (IBA) Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Hi Media (5g Packing) or Equivalent	1			
84	Kinetin Merck/Sigma-Aldrich, Thermo Scientific (Across/Alfa), Duchefa, Hi Media (5g Packing) or Equivalent	1			
85	Formalde Hide Made: Sigma-Aldrich 2.5 Litre Packing or Equivalent	2			
86	Clorox Total Original (3.78L Bottles)	15			
87	Digital Thermometer & Humidity Meter Which Can Save 24h Maximum & Minimum Range (No.)	5			
88	Geological Cotton Sampling Bags 18" x 12", With Drawstring, Plain Cotton Bags (No.)	800			

Sr.	Description	Quantity	Quoted Item by Firm (Cat No./Make/Made/Brand /Origin)	Unit Price (Including Taxes)	Total Price (Including Taxes)
89	Geological Cotton Sampling Bags 10" x 6", With Drawstring, Plain Cotton Bags (No.)	800			
90	Vernier Caliper Digital 150 mm, Measuring in Inches & Centi Meters, A Heavy Duty Digit Vernier Caliper Made Up of Steel with Extra Battery Cell, Screw Driver for Battery Cover and Shock Proof Plastic Case.(No.)	1			
91	Fire Extinguisher (1000ml) with Holder Case, Portable for Lab Use (No.)	10			
<b>Item Required for KOPIA, Aeroponic Greenhouse</b>					
92	Sponges for Hydroponic Aeroponic Plant Size: 580*280*28mm (300 Holes Per Piece) As Per Sample Provided Material: Polyurathane	2000			
93	LED String Light Length (86 Meter & Distance Between Each LED Bulb is 3 Meter) Bulb Capacity is 18 Watt (Meter)	86			
94	Bed Sheet Black PVC Tensile Fabric (550 GSM) As Per Sample Provided (Width 05 ft* 40 Meter) Roll	9			
95	Nitric Acid 70 % Korean Made Gallon (Each Gallon Weight 35 kg) or Equivalent	3			
96	PVC Coil Mat 4 ft * 20ft As Per Sample Provided (400 Per Sqft) Roll	1			
97	Men Slippers "Brand: Service Cheeta SKU: MCH050000113940 Colour: Navy (7, 8 & 9 size) (Pairs)" or Equivalent	24			
98	Dish Washing Detergent (Liquid) Lemon Max Anti-Bacterial Dish Wash Liquid Bottle 475ml or Equivalent	20			
99	Detergent (Arial) Original Washing Powder - 6Kg Pack or Equivalent	5			
100	Heavy Duty Dish Washing Sponges (Scotch Brite) 7Pcs Heavy Duty Dish Wand Sponge Replacement Heads For Kitchen Cleaning Dish Wash Sponge or Equivalent	10			
101	Clorox (Disinfecting Bleach) 3.78 Liter	30			
102	Data Logger UNI-T (UT330C) USB; Temperature/Humidity/Atmospheric Pressure Measurement, Data Logging or Equivalent	2			
103	Heavy Duty Adjustable & Reusable Zip Ties Reusable Nylon Cable Zip Ties - Adjustable, Foldable, Washable 8 inch need 400PCS 12 inch 400PCS or Equivalent	4			
<b>Items Required for LRR1 Program</b>					
104	Hydrochloric Acid (AR. Grade) Merck/Analar/DAEJUNG (2.5 Litre) or Equivalent	2			
105	Ortho Phosphoric Acid (AR. Grade) Merck/Analar/DAEJUNG (2.5 Litre) or Equivalent	2			
106	Ammonium Bi Carbonate (AR. Grade) Merck/Analar/DAEJUNG kg or Equivalent	4			
107	Per Chloric Acid Merck/Analar/DAEJUNG (2.5 Litre) or Equivalent	2			
108	Nitric Acid or Equivalent	4			
109	Sulfuric Acid Merck/Analar/DAEJUNG (2.5 Liter) or Equivalent	4			
110	Ferrous Sulfate Merck/Analar/DAEJUNG Kg or Equivalent	3			
<b>Items Required for Genomics Lab</b>					
111	96 Well PCR Plates 4 Boxes (4x25) Plates (Boxes) or Equivalent	4			
112	Adhesive Seals 1 Pack or Equivalent	1			
113	Firepol PCR Master Mix 10 Vials (10x 250reactions) or Equivalent	10			
114	Ethanol 95% 1 Liter or Equivalent	1			
115	dNTPs Mix, R0192 or Equivalent	2			
116	1.5ml Eppendorf Tubes 500/Pack or Equivalent	2			
117	50ml Falcon Tubes, NEST or Equivalent	250			
118	Sulfurous Acid Reagent Grade So2 (Macklin) Litre or Equivalent	1			
119	2.0ml Eppendorf Tubes, NEST 2x250pcs or Equivalent	2			
120	N-Hexane HPLC Grade 2 litre or Equivalent	1			
121	Diethyl Ether Litre or Equivalent	1			
122	Potassium Hydroxide 250g or Equivalent	1			
123	Butylated Hydroxytoluene 250g or Equivalent	1			
124	Dichloromethane 250ml or Equivalent	1			
125	TBA (Thiobarbituric Acid) 50 grams or Equivalent	1			
126	Potassium Phosphate Buffer 1 kg or Equivalent	1			
127	Trichloroacetic Acid 20 ml or Equivalent	1			

Total No. of Quoted Items	Total Value of Quoted Items	4% Earnest Money of Quoted Items (including taxes)

Signature of Authorized Person: \_\_\_\_\_

Seal of Company/Firm: \_\_\_\_\_

Date: \_\_\_\_\_

Phone No: \_\_\_\_\_

Mobile No: \_\_\_\_\_

Fax No: \_\_\_\_\_

e-mail: \_\_\_\_\_

Abdul Razzaq  
Network Administrator-2  
(O/B Webmaster (MIS))  
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Abdul Razzaq  
Network Administrator-2  
(O/B Webmaster (MIS))  
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## **TERMS & CONDITIONS**

1. Tender Documents on "F.O.R. NARC, Islamabad basis" with complete specification can be download from PPRA/PARC/E-PADS websites from 17<sup>th</sup> November, 2025.
2. Interested firms can submit tender document fee along-with 4% earnest money of the quoted bid value (including taxes) in shape of pay order/demand draft in favor of "National Agricultural Research Centre", Islamabad on 03-12-2025 at 11:00AM. Previous earnest money (if any) will not be considered for this tender. The tender of any firm/bidder who does not submit the tender document fee & earnest money will not be considered.
3. The supply/work order will be issued upon the successful bidder/firm after completion of all the codal formalities.
4. The competent authority is not bound to purchase all the items in full quantity of any item mentioned in the tender document. Authority may issue supply/work order either for less or more quantity as per requirement of the concerned project.
5. A fresh certificate with regard to the financial position of the firm from its banker should be attached with the quotation to assess the financial capability of the firm.
6. Photocopy of CNIC of the Owner/Chief Executive/Proprietor, NTN, GST & other relevant documents should be attached with the bid.
7. Authorization/Distribution certificate of the quoted brands of research consumable items must be enclosed with the bid.
8. The supplier/contractor shall have to obey all the instructions issued to him from time to time by the Directorate of Procurement, NARC in connection with supply/work of contract items.
9. The competent authority is the final authority to decide any dispute and problem (if any) during contract period and thereafter, the decision of the competent authority shall be final and binding on the supplier/contractor.
10. Quoted rates should be including all taxes.
11. Any other clarification (if required) can be obtained from the office of Directorate of Procurement, NARC. Conditional or incomplete tenders will not be accepted.
12. All the participated firm/bidders are directed to please provide the brochures/leaflet/technical information, catalogue number, brand name, country of origin, make/made of each item which is being quoted, containing complete specifications. The rates should be quoted for the given specification. The tender of those bidders whose rates are found un-realistic will not be considered.
13. The rates quoted by the firms in tenders should be properly typed. Erasing, overwriting and using fluid will amount to disqualification. The tender shall be valid till 31-03-2026. On expiry of tenders, the same can be extended for further period (not more than original bid validity) mutually agreed between supplier and NARC,

Islamabad.

14. All supply/work must be completed by the specific date given in the supply/work order. The bidder should clearly mention the time period for completion of the supply/work in their quotation, so that supply/work order could be issued accordingly.
15. The supplier is bound to complete the supply within stipulated time period as mentioned in the supply/work order. If any firm does not supply the items according to the delivery time period, the earnest money will be forfeited of undelivered items and further necessary action will be taken against the firm as per PPRA-Rules, 2004. Subsequently supply/work order will be given to the second lowest bidder.
16. If Company/Firm makes a delay in supply within stipulated period, 0.2% late delivery charges per day will be deducted on the billing amount of delayed supply.
17. In case failure to complete the supply/work, the supply/work order will be cancelled with forfeiture of 4% earnest money and the firm will be "**BLACK LISTED**" to take part in the tender competition for supply of items to NARC in future. This action will be publicized for general awareness of other Government and Semi Government Departments.
18. The payment will be made subject to inspection/acceptance of items by the end-user/tender evaluation & inspection committee.
19. Last date of the receipt of tender is **03-12-2025 at 11:00AM.**

**(Muhammad Tahir Saleem)**  
Director (Proc), NARC  
Phone No: 051-90733046-48

Abdul Razzaq  
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