



**OFFICE OF THE DIRECTOR**  
**SINDH POULTRY VACCINE CENTRE**  
**LIVESTOCK DEPARTMENT, GOVERNMENT OF SINDH**  
Animal Science Complex, Near Singer Chowrangi, Korangi, Karachi-74900  
Tel: 021-35123347, 021-35035856, Fax: 021-35035857 www.spvc.com.pk



## **TENDER DOCUMENT**

FOR

PROCUREMENT OF

**PLANT & MACHINERY, COMPUTER EQUIPMENT  
& HARDWARE**

UNDER

DEVELOPMENT SCHEME ADP # 939

"SURVEILLANCE AND CHARACTERIZATION OF CIRCULATING PATHOGENS OF  
POULTRY IN SINDH INCLUDING AVIAN INFLUENZA CONTAINMENT PROGRAM"

REF. NO. SPVC/ASC/ADP939/Mach&Equip/15-16/..... Karachi, dated:.....

Issued to: \_\_\_\_\_ P.O / D.D No: \_\_\_\_\_

Signature: \_\_\_\_\_

To be opened on  
07.12.2015

@

**OFFICE OF THE DIRECTOR**  
**SINDH POULTRY VACCINE CENTRE,**  
Animal Science Complex Korangi, Karachi-74900 (Near Singer Chowrangi)

**FROM:**

**Director  
Sindh Poultry Vaccine Centre (SPVC),  
Animal Science Complex Korangi, Karachi**

TO, \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**INVITATION TENDER No. SPVC/ASC/ADP939/Mach&Equip/15-16/ DUE ON DATED:  
07.12.2015**

- 1) You are hereby invited to submit your tender for the stores as per specifications and condition of schedule given in the Tender subject.
- 2) The contract resulting from this invitation to tender shall be governed by the SPPRA Rules 2010 and amendments made there in.
- 3) The tender quoting against this invitation to Tender shall be deemed to have read and understood the conditions there in and particulars of the items and their specifications etc.
- 4) The tender shall quote on the prescribed schedule to this invitation to Tender, on the basis indicated therein and shall sign the certificate given therein. In case there is any deviation, it should be clearly stated and communicated by the tenderer; otherwise it will be presumed that offer is strictly in accordance with the requirements of the tender notice.
- 5) The price quoted shall be inclusive of all taxes (present & future) duties and charges for packing, supply, marking, handling etc.
- 6) The store is required for delivery as stated in the schedule. If, however, it is not possible to give delivery by the specified date, the tenderer shall give guaranteed date by which he can deliver the store.
- 7) Failure to submit the tender in the manner prescribed in the invitation to tender will render the same liable to be ignored.
- 8) The purchaser does pledge himself the right of accepting the full or part of quantity, offered and tenderer shall supply the same at the same quoted rate.



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**(PRICE OF TENDER NOT REFUNDABLE)**

Schedule of invitation to Tender Inquiry No. SPVC/ASC/ADP939/Mach&Equip/15-16

- |                                            |                                                                                                                                        |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1. Latest date & time of receipt of Tender | 07.12.2015 at 01:30 pm                                                                                                                 |
| 2. Date & Time of opening of Tender        | 07.12.2015 at 02:30 pm                                                                                                                 |
| 3. Place of opening of Tender              | Committee Room, Director,<br>Sindh Poultry Vaccine Centre<br>Animal Science Complex (Near Singer<br>Chowrangi), Korangi, Karachi-74900 |
| 4. Validity of offer                       | 3 months and extended as per SPPRA<br>Rules                                                                                            |
| 5. Name of consignee                       | Director, Sindh Poultry Vaccine Centre<br>Korangi Karachi.                                                                             |

The Tender bid applications along with technical and financial proposals in separate sealed envelopes should reach the Director Sindh Poultry Vaccine Centre, Animal Science Complex Korangi, Karachi up to 01:30 pm on 07.12.2015.

The Technical bids shall be accompanied with profile, evidence of Pay order of earnest money, technical details of the bid, credentials and certificates of registration, NTN and evidence of GST paid previously and assignments of the same nature awarded.

The Technical proposals will be opened publically on 07.12.2015 at 02:30 pm in presence of the interested bidders or their authorized representatives in the Committee Room of Director Sindh Poultry Vaccine Centre, Animal Science Complex Korangi, Karachi (Near Singer Chowrangi). The financial bid will be opened of only those bidders who qualify the technical bids, later on.

The criteria for technical bid selection shall consists of technical soundness of the bid, meeting the specifications, quality of items, earnest money, registration, NTN, GST, financial credentials, experience, relevant management and technical staff, and the previous experiences of successful bidding and supply. Those who do not qualify the technical will be returned financial proposals unopened.

**STATEMENT SHOWING THE DETAILS OF FUNDS UNDER (DEV. / NON DEV.) MINOR HEADS FOR THE YEAR 2015-16**

<b>MINOR HEAD</b>	<b>BUDGET ITEM</b>
Development scheme ADP# 939, "Surveillance and characterization of circulating pathogens of poultry in Sindh including avian influenza containment program"	i. <b>Plant &amp; Machinery</b> ii. <b>Computers Equipment</b> iii. <b>Hardware</b>

**TENDER No. SPVC/ASC/ADP939/Mach&Equip/15-16/DUE ON dated: 07.12.2015**

**SPECIAL C ONDITIONS**

1. Conditions as per tender notice No./SPVC/ASC/ADP939/Mach&Equip/15-16/ DUE ON dated: 07.12.2015 will remain valid.
2. All the firms shall be required to deposit Earnest money equivalent to 2.5% of the value of their offer with their tender in the form of called deposits/ pay order in favor of Director, Sindh Poultry Vaccine Centre Korangi, Karachi.
3. Registered firms whose registration for the current financial year has not been renewed by the due date of tender shall furnish 10 % for security deposit.
4. Any cutting/ correction in bid form will make the quotation invalid.
5. The bidder shall mention validity of offer, terms of payment, voluntary period and schedule of delivery.
6. The procuring agency reserves the right to obtain clarification in writing from any bidder in respect of item quoted. The replies by the bidder will be recorded and will form part of bid document, as per SPPRA Rules.
7. Supply order/ supply contract will be issued subject to the availability/ release of funds by the Finance Department.
8. The payment shall be made on the supply of items to the store on receipt of consignment in full and after physical verification.
9. The contracting firms will be treated under SPPRA Rules 2010; accordingly, in case of failure in supply to stores, it shall be optioned to purchase the item from the second lowest bidder.
10. The tenderers shall sign the below mentioned certificates while quoting their rates failing which the tender/ offer is liable to be considered NO RESPONSIVE.
11. The bid documents should be properly sealed and tender No. and date of opening may be indicated on the envelope.
12. Price must be quoted in Pak currency per accounting unit, inclusive of all taxes and expenditures.
13. Bid must be supported with relevant literature etc. and country of origin, make, and brand should be recorded on bids against the items. The softcopy of the quoted technical specification shall also be enclosed.

14. The firms participating in the tender must be registered with SALES TAX DEPARTMENT and should mention their sales tax registration No. (NTN) along with copy of registration certificate and evidence of latest GST payment.
15. Breakage/ leakage during transport is the responsibility of supplier.
16. Complete service manual/ operating manual/ service diagram should be supplied along with equipment otherwise; supply of equipment will not be accepted.
17. No medicine and chemical will be accepted with the expiry less than one year.
18. The items as per supply order are required to be supplied on their own expenses by successful bidders at Sindh Poultry Vaccine Centre Korangi, Karachi.
19. The payment will be made to the supplier after deduction of income tax, withholding tax, sales tax and award fee in full or part of it on each supply on production of receipt/ certificate to the effect that the items received by the respective officer incharge of the stores of Sindh Poultry Vaccine Centre Korangi, Karachi, to whom supply order is made.
20. All the rates quoted must be inclusive of all the taxes imposed by the Government, from time to time i.e., GST etc. (Present and future).
21. All other conditions do apply as per SPPRA Rules 2010 and amendments made there in.

**REF. No. TENDER/SPVC/ASC/ADP939/Mach&Equip/15-16/DUE ON dated: 07.12.2015**

**WE GUARANTEE TO SUPPLY THE STORES EXACTLY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE INVITATION OF THIS TENDER AND FULLY AGREE TO THE TERMS AND CONDITION MENTIONED ABOVE.**

**SIGNATURE OF THE TENDERER**

**DESIGNATION.....**  
**Name & Address.....**  
**.....**

**PLANT & MACHINERY, COMPUTER EQUIPMENT, HARDWARE**

S. NO.	ITEM	SPECIFICATIONS	QTY.	PRICE /ITEM (RS.)	COST (RS.)
01.	Refrigerated Centrifuges	Speed 12000 RPM, rotter 24 eppendoff tubes. Digital display which indicates the speed, time and temperature. Micro computer control, multi kinds of program and Multi kinds of acceleration and deceleration choice. Electric lid lock, compact design, over speed and imbalance protection. Min: RCF : 12600xg Maxvolume : 4x1000ml Noise : ≤55dBA Timer : 1~99h59min Power supply: AC 220V 50HZ 20A. Speedaccuracy : ±50rpm	4		
02.	Egg Candler	For candling of chicken eggs LED base, CE Approved One head diameter: 3cm , another head diameter:1.3 cm plug input:100-240V ~50/60HZ 0.3A output: 4.5V DC	10		
04.	HVAC System PART-I	<p><b>A. THERMAL CYCLER (TURNKEY BASIS)</b></p> <ol style="list-style-type: none"> <li>1. A Thermal cycler for gradient PCR, with colour touch screen. Capacity: 96wellsx0.2 ml+77x0.5ml. Fast heat transfer. 10,000 programs saving options. High throughput.</li> <li>2. Gel electrophoresis along with medium &amp; mini gel stand, clip and apparatus.</li> <li>3. UV transilluminator</li> <li>4. Molecular Imager, Gel DOC and chemi Doc systems with Image Lab software, universal hood and attached with computer</li> </ol>	1		

**B. Mobile Real Time Thermal  
Cycler work station for field  
and laboratory**

**1. Real Time Thermal cycler  
with Application  
Software, Portable**

12v DC energy efficient

**High Sensitivity**

As low as 1 copy

**Sample Capacity**

8\*0.2ml PCR tubes

Minimum Two Channels

SYBR/FAM, ROX/Taxes Red

**Open System**

Compatible with most commercial

Reagent, Ramp 3°C/ s, Thermal

range 4 to

100°C, Power supply 12V, 10A

**2. Programmable Chilling Heating  
Dry Bath**

**Specifications**

Temperature Range: 0-100 °C

Time Range: 1min to 23hr59min

Programmable segments: 3

Display precision: 0.1 °C

Temperature precision: 0.5°C

Temperature evenness: 0.5°C

Operation ambient temperature:

8-30 C

Power Supply: 12V DC, 7A

**3. Tissue Grinder**

Speed: Adjustable from 3000-8000

rpm Power supply: 12V DC,

energy saving

**4. Magnetic Frame** designed for 8x  
1.5, 2ml snap cap micro  
centrifuge tubes

**5. Pro Micro Centrifuge CE / GMP  
Certified. Plasmid DNA and**

**RNA work, protein work and**

**mini prep kit, cell culture and cell**

harvesting, subcellular separations

RPM: Max. 1,000 ~13,500 rpm

		Max. RCF: 12,225 x g Rotor: Including fixed angle rotor for 0.2-/0.5- /1.5-/2.0 ml x 12 tubes Brushless DC motor, Direct drive			
05.	Computer	Core i5 Desktop Computer (4 <sup>th</sup> Generation) Processor: 3.30GHz or above RAM : 4 to 6GB DDR3 Hard Drive :500GB 7200 RPM SATA DVD RW Super Combo 18.5" inch LED Monitor Optical Mouse and Keyboard Standard ATX casing	5		
06.	Laser Jet Printer	Multifunction (Print, Scan, Copy and Fax) Paper size A4, Legal, Executive, Envelope Scan type: Flatbed, Automatic Document Feeder (ADF) Optical scanning resolution: Up to 1200 dpi Connectivity: Hi-Speed USB 2.0 / Wifi Supported Operating Systems: Windows 8, 7, Vista, XP, Mac OS	5		



**CHEMICALS & MEDICINE**

S. NO.	ITEM	SPECIFICATIONS	QTY.	PRICE / UNIT (RS.)	COST (RS.)
01.	ISA 71 VG Adjuvant	An immunity booster for birds with advanced adjuvant characteristics. Water in oil emulsion with viscosity of 35, less or 01 micron droplet size and conductivity of less than 10 micro second per cm	200 Kg		
02.	ELISA SYSTEM for detection of viral pathogens in poultry	At least 05 of each of following antibody-chemical quoted kits.  i. Avian influenza A Virus ii. H5, H7, H9 sub type AI virus iii. Infectious Bursal Disease virus iv. Infectious Bronchitis Virus v. Newcastle Disease virus vi. Avian Pneumovirus vii. Avian Leukosis Virus viii. Avian Adeno virus ix. Infectious Laryngotracheitis x. Avian Encephalomyelitis virus	05 of each		

**GLASSWARE & PLASTICWARE**

S. NO.	ITEM	SPECIFICATIONS	QTY.	PRICE / UNIT (RS.)	COST (RS.)
01.	Microtubes	Medical grade, 1.5 ml, conical tubes with cap lock	20000		
02.	Microtubes	Medical grade, 1.5 ml, conical tubes with screw cap	10000		
03.	Centrifuge tubes	Size: 15 ml, medical grade polypropylene material with printed graduation and writing area, pyrogen free and irradiation sterile.	10000		
04.	Pipette tips boxes	10 microliter 200 microliter 1000 microliter	500 box each		
05.	Embedding cassettes	Multicolor histopathology cassettes and embedding o-rings. With strips, writing area and extreme chemical resistance.	5000		
06.	Serum tubes	Sterile serum tubes with gel. Size 5 ml to 10 ml,	5000		
07.	Blood tubes	Sterile serum tubes with gel. Size 5 ml to 10 ml	5000		
08.	Eppendorf (1.5-2.0mL)	(VWR, Axygen, Corning, CLP) or equivalent	1,000		
09.	Filters	(Syringe 0.2 um) or equivalent	100		
10.	Test Tubes	(12 X 100mm) Autoclavable, Pyrex or equivalent	1000		
11.	Beaker	250 ml	200		
12.	Beaker	500 ml	200		
13.	Beaker	1000 ml	200		

**OTHER MISC CHARGES FURNITURE & FIXTURE, LABORATORY  
PROTECTIVE CLOTHING AND PPE**

S. NO.	ITEM	SPECIFICATIONS	QTY.	PRICE / UNIT (RS.)	COST (RS.)
01.	Executive Table	Size 7x5 on beacham wood with oak ply, lemiated coated. With side cabinet glass top. Drawer with locks	4		
02.	File Cabinet	8'X3X2 WOODEN MDF WITH OAK PLY	15		
03.	Executive Chair	High back with back care cushion revolving with rest arm imported base on steel	4		
04.	Computer Table	Table with drawer and keyboard on MDF, Top Dimensions: 4.5' (4' 6") X 2', Thickness: Top - 25mm Profile: Post Formed (Round) Profile for the Table Top. Edge Binding Profile for the understructure,,one drawer, Provision for Keyboard	10		
05.	Computer chair	cushion revolving with rest arm imported base on steel	10		
06.	Office chairs	Revolving with back care chair with steel base	20		
07.	Laboratory stools	Plastic fiber Seat with back, Frame material: 15 guage steel, Revolving Base, seat height: 19 1/2" - 27" adjustable,	20		

08.	Lab. Chairs	SS cushion seated easy to clean imported revolving stand	20		
09.	Paper Shedder	Cut type Cross Cut Sheet Capacity (70 gm) 32 Auto Start & Stop, Reverse, Thermal Overload protection Auto Stop on paper jamming, Cut size (mm) 4x30 Throat Width (mm) 310 Bin Capacity (Liters) 80 Shred Paper Clips, Shred Staples, Shred Credit cards, Shred CD's	02		
10.	Digital clock with temperature	Digital wall clock displays time and date, and automatically updates for Daylight Savings Time. Wireless indoor and outdoor temperature sensors Automatic time and date (manual setting) 12/24 hour time display Perpetual calendar Time zone setting Time alarm with snooze Low battery indicator Wall hanging or free standing	05		
11.	Near Infrared Spectrophotometer	MicroPHAZIR™ RX Analyzer or equivalent for the identification of raw material in pharmaceutical & vaccine preparation laboratories. Portable and hand handled, non-invasive, sampling approach	01		