



TENDER SCHEDULE

**FOR SUPPLY, INSTALLATION, COMMISSIONING, VALIDATION OF LAB
EQUIPMENT FOR STRENGTHENING OF SSVHS, VPCS AND AVHS,
DEPARTMENT OF ANIMAL HUSBANDRY, ANDHRA PRADESH
FOR THE YEAR 2022-23**



**ANDHRA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT
CORPORATION LIMITED**

**G1, G2, 101, PRIME HILL CREST, VADDESWARAM VILLAGE, MANGALAGIRI
MANDAL, GUNTUR DISTRICT - 522502**

Email: apagrosdmac@gmail.com, web site: www.apagros.org



A.P.S. AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.
Registered Office: G1, G2, 101, Prime Hill Crest, Vadeeswaram, Managalagiri
Mandal, Guntur District
website: www.apagros.org. E.Mail: apagrosdmae@gmail.com

SHORT TENDER NOTICE INVITING SEALED QUOTATIONS

Sealed Quotations are invited from reputed manufacturers/suppliers for supply, installation, commissioning, validation of Lab Equipments for strengthening of SSVHs, VPCs and AVHs, Department of Animal Husbandry, Andhra Pradesh. The details of Tender Schedule can be downloaded from our website: www.apagros.org.

Sd/-
VICE CHAIRMAN AND
MANAGING DIRECTOR



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SHORT TENDER NOTICE INVITING SEALED QUOTATIONS

Sealed Quotations are invited from reputed manufacturers/suppliers for supply and commissioning of **Non RC lab equipments for strengthening of SSVHs, VPCs and AVHs** of Department of Animal Husbandry, Andhra Pradesh. The details of TENDER Schedule including cost and submission particulars any changes etc. may be seen in our website: www.apagros.org only.

Description of Item	Cost of TENDER schedule	Sale of TENDER Schedules From – to	Last date for submission	Date of opening of Technical Quotations
Non RC items for SSVHs, VPCs and AVHs	Rs.5,000	19-12-2022 to 28-12-2022 up to 11.00 AM	28-12-2022 up to 2.00 PM	28-12-2022 at 3.00 PM

TENDER schedules in person may be obtained from the Registered Office between 10.00 a.m. to 5.30 p.m. on all working days on payment of Rs.5,000/- in the shape of Demand Draft drawn in favour of A.P.S.A.I.D.C. Limited payable at Vijayawada. The TENDER Schedules can also be downloaded from our website www.apagros.org and submitted duly enclosing the Demand Draft of Rs.5,000/- towards the cost of TENDER schedule. The downloaded TENDER schedules received without Demand Drafts schedule will be rejected. If any changes in the tender schedule before opening date will be uploaded in our website only.

Sd/-
VICE CHAIRMAN AND
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TENDER SCHEDULE

Name of work: FOR SUPPLY, INSTALLATION, COMMISSIONING, VALIDATION
OF **NON RC LAB EQUIPMENTS** FOR STRENGTHENING OF
SSVHS, VPCS AND AVHS OF DEPARTMENT OF ANIMAL
HUSBANDRY, ANDHRA PRADESH

Ref: Agros/AH/Streg.of SSVHs/2022-23, Date:15-12-2022

INSTRUCTIONS TO MANUFACTURER/SUPPLIER(S)

A. PREAMBLE :

The Department of Animal Husbandry, Government of Andhra Pradesh is requiring various types of **Non RC lab equipments for strengthening of SSVHs, VPCs and AVHs** of Animal Husbandry Department in the State of Andhra Pradesh through the A.P.S Agro Ind. Dev. Corp. Ltd. (APSAIDCL), a Government of Andhra Pradesh undertaking for procurement and commissioning of Lab equipment.

B. ELIGIBLE CONDITIONS FOR TENDER SCHEDULE:

1. The manufacturers / suppliers should have minimum of 3 years experience in supply and commissioning of scientific equipment to the Government Departments / Institutes, such as Universities.
2. The manufacturer should have valid manufacturer license to be enclosed.
3. The TENDER applicant can produce 3 years of Income Tax details for the year 2018-19, 2019-20 & 2020-21.
4. The firms shall have GST Registration and PAN Number to be enclosed.
5. The firms shall have annual turnover of not less than Rs.50.00 Lakhs in any one year 2019-20, 2020-21 & 2021-22 and proof of same to be submitted.
6. The firm who are importing equipment must have importing license and they should produce authorization letter from the principal manufacturer.
7. The manufacturer should have dealer in AP for attending after sale service.
8. The manufacturer should sign in all pages, and also check list to be filled along with page numbers, failing which will be invalid.
9. The manufacturer/supplier who hare participating the tender should produce self declaration certificate stating that they should not have relatives in Animal Husbandry Department.

10. The supplier who are participating tender process, they should enclose the dealership letter from the principle manufacturer.

C) INSTRUCTIONS FOR SUBMISSION OF TENDER SCHEDULE

1. The manufacturer/supplier shall submit TENDER Schedule with all documents along with Rs.5,000/- demand draft, covering letter with EMD indicated in Annexure-I in a separate sealed cover duly Super scribing “Technical quotation for TENDER Schedule for Supply, Installation, Commissioning & Validation of **Non RC lab equipments for strengthening of SSVHs, VPCs and AVHs**” and Price Quote as per Annexure-III in a separate sealed cover duly super scribing “Price quote for Supply, Installation, Commissioning & Validation of **Non RC lab equipments for strengthening of SSVHs, VPCs and AVHs**” with name and address of the manufacturer/supplier . Both covers are to be placed in a third cover duly super scribing “TENDER Schedule for Supply, Installation, Commissioning & Validation of **Non RC lab equipments for strengthening of SSVHs, VPCs and AVHs.**”
2. The manufacturer/supplier has to deposit EMD an amount of Rs:50,000/- by way of demand draft drawn in favor of **A.P.S.A.I.D.C. Ltd., payable at Vijayawada** along with a covering letter. TENDER Schedules without EMD will be rejected.
3. The Earnest Money Deposit of successful firm shall be retained by the Corporation and refunded only after satisfactory completion of the contract. The EMD can be adjusted against performance guarantee deposit for successful manufacturers/suppliers. The E.M.D. and performance guarantee deposit will not carry any interest.
4. Performance guarantee deposit will be minimum Rs.50,000/- for the equipment @ **5% on the total value of equipment** shall be paid in favor of A.P.S.A.I.D.C. Ltd., payable at Vijayawada in the shape of Demand Draft drawn from any Indian Nationalized Bank. The performance guarantee shall be valid for 1 year.
5. a) Performance guarantee produced by the successful manufacturer/supplier shall be forfeited and alternate arrangements shall be made, if the firm does not fulfill the obligation of supply of stocks as per orders / specification /quality and alternate arrangements will be made for procurement of such products and any additional cost incurred in this regard will be recovered from the concerned firm.

b) The responsibility of quality and quantity of the lab equipment supplied lies with supplier only.
6. The manufacturer/supplier shall submit duly notarized declaration along with Technical bid, as per the proforma furnished under Annexure-IV, hereto on Rs.100/- non-judicial stamp paper.
7. The authorized person representing the firm who is signing in the TENDER documents and also participating in the TENDER opening shall invariably attach a copy of authorization from the competent authority of the firm as per the By-laws of the firm / Company.
8. The last date for submission of filled in TENDER schedule is **upto 2.00 PM on**

28-12-2022, the technical bid will be opened at 3.00 P.M. on the same day.

D) GENERAL TERMS & CONDITIONS

1. The price quote of only those manufacturer/supplier (s) whose Technical quotation are qualified will be opened on the same day.
2. Negotiations will be held with the L1 quoted firm as per the decision of the Technical Committee at the address indicated in the data sheet. The aim is to reach agreement on all the points and sign a contract.
3. The **agreement period will be one year from the date of signing on the agreement**. No escalation charges will be paid for supply of items during the agreement period i.e., upto 30-11-2023.
4. The supplies made shall be invoiced on GST invoice with Serial No. of invoice printed on it. No invoice other than tax invoice will be accepted. GST applicable, if any, shall be clearly mentioned in the tax invoice.
5. The approved firm shall supply the ordered equipment as per terms and conditions within the stipulated time indicated in the Purchase Order.
6. In the case of Annexure-II, the items supplied/installation must be covered with warranty for minimum of one year (or more as per manufacturer's terms & conditions) from the date of supply against any defective manufacturing / workmanship etc. Repairs / replacements / servicing shall be attended at free of cost within the warranty period.
7. The firm should submit the Utilization Certificate and delivery Invoice in token of receipt of equipment from the VASs/ADAHs/DDAHs of concerned lab for effecting the payment.
8. The loading and unloading charges, if any, should be borne by the supplier only.
9. The firm shall provide detailed operational and maintenance manuals at the time of supply of the equipment.
10. The manufacturer/supplier has to quote the price only as per the technical specifications given in the TENDER schedule.
11. Andhra Pradesh State Agro Industries Development Corporation Limited (APSAIDC Ltd) reserves the right to inspect the manufacturing / other premises of supplier and his principal/s during the TENDER process or before supply or before payment in order to satisfy that the supply is as per the quality and specifications of equipment indicated in this TENDER.
12. Andhra Pradesh State Agro Industries Development Corporation Limited reserves the right to award the TENDER either in part or full or follow any other suitable procurement procedure. AP AGROS at its sole discretion and without assigning any reason thereof, reserves the right to accept / reject any or all schedules at any stage of the TENDER process.

13. In case of any dispute or difference arising out of the Agreement between the two parties relating to any aspect of the agreement, the parties should attempt to settle the dispute through mutual and amicable discussions. If the dispute is not settled through such discussions, the matter shall be referred / settled as per provisions of Arbitration and Conciliation Act, 1996.
14. Failure of fill the declaration check list shall make the tender invalid.
15. It is further to be agreed by both the parties that all differences and disputes if not resolved as above, shall be got remedied through the Court of Law of Vijayawada jurisdiction only.
16. TENDER can be rejected if any stage of the procurement process, it comes to knowledge that any manufacturer/supplier is involved in any fraudulent practice or misrepresentation of the facts or tried to influence the selection process or indulged in any corrupt activities in competing with others.
17. The manufacturer/ importer/distributor/dealer shall be liable for blacklisting and further prosecution, if they fail to adhere to the above conditions.
18. The approved firm shall enter into an agreement with the Corporation duly incorporating all the above terms & conditions.
19. The equipment shall be supplied & commissioned in the Veterinary Laboratories at required destinations. The manufacturer/supplier shall provide all information as per this TENDER document. AP AGROS shall evaluate only those schedules that are received in the required format and are complete in all respects.
20. If any changes during the process of tender, details will be uploaded in our website only.

E) INSTALLATION, COMMISSIONING & VALIDATION

1. All tools, equipment and machinery required for the installation and commissioning work has to be arranged by the successful firm only.
2. The period stipulated for completion of supply, installation, commissioning, validation and training of personnel shall be 20 days from the date of receipt of Purchase Order.
3. Penalty for delay in work will be levied @ 0.5% of the total value of Work per week upto a minimum of 5% in case of default in work completion within the stipulated time.

F) INSURANCE

The contractor shall insure all goods for all risks to the extent of value of goods specially mentioning that the claim amount under the policy shall be payable to AP AGROS. The contractor shall borne the insurance charges for all risks for the goods for the period upto expiry of warranty.

G) WARRANTY

The performance guarantee period shall be 1 Year from the actual date of supply / commissioning of equipment in all respects. The same shall have to be communicated in writing to AP State Agro Industries Development Corporation Limited based on the actual date of completion of all works.

H) CERTIFICATION PROCESS FOR PAYMENT

a. EQUIPMENT / MATERIAL RECEIPT CERTIFICATE

Issue of material receipt note / goods receipt notes at site by the concerned VASs/ADAHs/DDAHs of concerned Laboratory in charge stating that all the Equipment is received as per the specification. (List to be enclosed)

b. INSTALLATION & COMMISSIONING CERTIFICATE

Issue of installation and commissioning Certificate by the VASs/ADAHs/DDAHs of concerned Laboratory Incharge.

c. COMPLETION CERTIFICATE

Completion Certificate will be issued by VASs/ADAHs/DDAHs after complete validation and training to the personnel of Animal Husbandry Department.

I) TERMS OF PAYMENT

Payment shall be released as indicated below, subject to receipt of funds from Director of Animal Husbandry as per the Government process.

- a) The payment will be made against the submission of delivery challan by the supplying firm duly signed and certified by the VASs/ADAHs/DDAHs of Animal Husbandry incharge of the concerned Laboratory stating that all the equipment is received, installed and commissioned as per the specifications and the work done by the firm is satisfactory.

J) SPECIAL INSTRUCTIONS TO THE FIRMS

1. The firms should submit technical specifications / brochures / information, users list etc. along with offer.
2. The supplier should conduct working demonstration of the equipment and train the working personnel of Animal Husbandry Department of concerned Lab.

Place:
Date :

SIGNATURE OF THE MANUFACTURER/SUPPLIER
WITH SEAL

SCHEDULE
CONDITIONS OF ELIGIBILITY FOR APPLICANT
(Attested copies wherever relevant to be enclosed)
CHECK LIST

1	TENDER Reference	:	No: Agros/AH/Streg.of SSVHs/2022-23, Date:15-12-22	Page no.
2	a) Name of the Manufacturing/ supplying Company with its Regn. No. (copy of the manufacturing license to be enclosed) b) Name of the Importing company with its Regn. No. (copy of the Importing license to be enclosed)	:		
3	Status of Company			
	i) Registered Company	:		
	ii) Sole proprietorship firm (Name & address of the proprietor)	:		
	iii) Partnership firm (Partnership agreement, letter of consent as authorized by other partners to attend for this TENDER)	:		
	iv) Private Limited Company (Certificate of incorporation and authorization from CEO if not represented by CEO)	:		
4	Registered Address of manufacturer/supplier/Dealer/importer	:		
5	Particulars of Demand draft enclosed towards cost of TENDER schedule if the TENDER schedule is downloaded from website		DD No. DD Date: for Rs.5,000/- Name of the Bank	
6	Details of EMD paid DD No: Date: Bank Name: Amount: Rs.50,000/-	:		
7	Brief Profile of the firm	:		
8	Import License No. (copy to be enclosed)	:		

9	Bank particulars for online transfer of amounts <ul style="list-style-type: none"> • Name of the Bank: • Branch of the Bank • Account Number • RTGS No 			
10.	Specific authorization letter from the Principal manufacturing company (for importers only) (if yes copy to be enclosed)	:		
11	Whether the Company is ISO/BIS certified or not (If 'yes' copy to be enclosed)	:		
12	Proof of having sufficient no. of experienced technical teams for training & operations management (Details: names of persons, qualifications and experience)	:		
13	Annual production capacity certificate / Annual import capacity certificate	:		
14	Turnover of the above machinery during last 3 years. a.2019-20 b.2020-21 c.2021-22	:		
15	Details of dealers' net work and after sales service stations to be provided by firm in the area of operation.	:		
16	GST Regn.No. and their validity (copies to be enclosed)	:		
17	PAN No. (copy to be enclosed)	:		
18	Audited accounts balance sheet for the last 3 years. (attested copies to be enclosed)	:		
19	Income Tax assessment Certificate for the last 3 years/certified bills (IT officials) (attested copies to be enclosed)	:		
20	Name of contact person with address & Phone no. Email:	:		
21	a) Detailed Technical specifications of all the equipment quoted in the Price bid. (List to be enclosed)	:		
22	Invoices submitted to Government Departments for the last 3 years to be enclosed.			

(Add additional sheets as required)

NOTE:

1. All the columns of the application form shall be duly, properly and exhaustively filled in.
2. All corrections if any must be signed by the Manufacturer/supplier before submission itself. For filing faulty information, the TENDER is liable for rejection. The Manufacturer/supplier should sign on each and every page of TENDER schedule and on all the additional documents submitted along with TENDER schedule.
3. The applicant can enclose additional information, if any, relevant to the application separately
4. At the time of verification of TENDER schedules, the original documents should be produced for verification.

SIGNATURE OF MANUFACTURER/SUPPLIER
WITH SEAL

TECHNICAL QUOTATION

ANNEXURE-II

Quantity Required of Non-RC Items for strengthening of SSVHs, VPCs and AVHs

Sl. No.	Item Name	Specifications	Required Qty.
1	Balfour retractor	Sizes 6", 7	2
2	Deaver abdominal retractor	Standard size	1
3	Eye Speculum	Sizes 1.5." 1.25"	12
4	Gelpi retractor	Sizes 6.75", 7.5", 4.5", 3.5", 5.5"	5
5	Gosett abdominal retractor.	Retractor = 5.5"	2
6	Hauptman Spay retractor	Sizes J925, J925a, J925b, J925c	3
7	Inverters	1KV, 220 AH heavy duty battery	4
8	Lane retractor	Double ended blads wide 13mm and 19mm and wide 25mm and 32mm	3
9	Large Animal Lifting device	Type: With heavy duty gear box (2 couplings), Material: Mild Steel Size: 7.5X4X4 feet Lifting Coat: Soft Nylon fabric which should cover belly, forelimbs and hind limbs (both fore limbs and hind limbs can be isurted in to the fabric) Lifting capacity: 1000 Kg No of wheels: 4	7
10	Large animal trolley cum operation table with heavy duty wheels.	Sizes = 5, Length = 7/8 feet, Width = 5/6 feet, Height = 2 feet.	6
11	Oxygen Cylinder (Bulk Type)	7 cubic meter capacity, empty cylinder wait=51 kgs, Ht: 4" with trolley	4
12	Spay hook	Size 8"	8
13	Stretchers 7 feet length with wheels (S.S)	Stretcher on Trolley Size : 84" x 22" x 32" Fully Stainless Steel With 6" wheels With Squire Pipe 1"	3
14	Veterinary Computerized radiography or Digitalization of x-ray with	<ul style="list-style-type: none"> The CR System should be suitable to use for small and large Animals System should be complete with two monitors, computer and dry laser printer 	11

	<p>1) Consoles 2) Monitors, cassettes 3) Scanner 4) Printer optional (3-4 lakhs) 5) A/c Room 6) Working table, chairs. With 500 mA-x ray machine</p>	<ul style="list-style-type: none"> • Operating voltage. 220 volts • Should be supplied with UPS with a power back up of 15 minutes. • Should be supplied with 2 No's cassettes of 10x12" and 14x17" each • System should have auto inline eraser. • Should be supplied podoblock with skid proof rubber feet for problem free X ray of hoofs along with the set of hoof instruments • Telescopic cassette holder for cassette size for 10x12" and 14x17" for taking X ray of spines and areas which are difficult to shoot • Cassette holders 2 no's each for 10x12" and 14x17" • CR system should handle at least 68 cassettes per hour or more • The cassette scanner should not be of roller type and should be contact less scanning system for long life of the cassette and better image quality. • Should have two 19" monitors • Should be equipped with Veterinary specific software • System should be upgradable to mammography option as and when required in future • Assists in diagnosis with software tools that provide easy calculation of critical dimensions. Features DICOM functionality and connectivity • Installation, Demonstration and furnishing of CR room with false roofing, two ton AC, flooring and flush door facility will be company responsibility (Site can be inspected properly before quoting) • Company should provide two years warranty and after warranty period the amount required for three years AMC should be included in the price. • Catalogs must be enclosed with the offer, without which the offer will be rejected straightway • Computer Processor: Core i5 5th generation Ram: 4GB OS: Windows 8.1 licensed original must be upgradable to windows 10 • (OFFICIAL VERSION) HDD: At least 1 TB Monitor: Two LCD 19" or 20" 	
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15	Veterinary Orthopaedic Kit, Pinning, Plating	S no	Item	Qty.	12
		1	Mini reduction forceps serrated	2	
		2	Mini periosteal elevator sizes = 6" & 8"	1	
		3	Wire tightner cum twister	1	
		4	Wire passer small	1	
		5	Wire cutter double action	1	
		6	Ss. PIN INTRODUCER WITH SS chuck and key	1	
		7	Self centering done holding forceps size 6"	2	
		8	Bone Nibbler straight double action	1	
		9	Universal hand drill	1	
		10	Orthopedic wire (S.S) Size: 22G 20G 18G	4 4 4	
		11	Orthopedic wire (S.S) Sizes: 2.5mm 3.0mm 3.5mm 4.0mm 4.5mm 5.0mm	20 20 20 20 20 20	
		12	Loman bone holding clamp size No 6"	2	
		13	Liston straight bone cutting forceps = no 6" & 8"	2	
		14	Still – Leur double action rangeurs.	2	
		15	Gordon extender	2	
		16	Chisel and osteotome	2	
		17	Bone curette	2	
		18	Bone rasp size = 8"	2	
		19	Spade	2	
		20	Bone reamer	2	
		21	Intramedullary pin cutter – large size	2	
		22	Bone hook	2	
23	T-handle chuck with key	1			
16	Rumenotomy Set	Should be made from Stainless Steel. It Consist ff following Items		1	

		1 X Frame: H 245 mm x w 170 mm. 2 X Vulsellum Forceps : 10" Inch 8 X Fixation Hooks (80 MM Length).	
17	Metal Detector	-Veterinary body metal detector -For detecting metallic foreign object in animals like Cows and Buffaloes	2
18	Portable suction pump		2
19	Woods Lamps	-Hand held woods lamp for diagnosing skin diseases in animals, -4 UV lamp tubes with PVC material protector board, non-slippery handle, - with magnifying glass -ABS material case -Black shield cloth should be provided	5
20	UV lamp for sterilization	For sterilizing operation theaters	2
21	Air Conditioner	2Ton, Split Air conditioner with stebilizer	1
22	Weighing Machine for small animal	<ul style="list-style-type: none"> • Platform size: 600 X 900 mm • Capacity: up to 150 Kg • Accuracy: 10 g • Stainless Steel Platform Structure with Fine Finish • Works on Both AC & Built in Rechargeable Battery saving features • Bright JUMBO LED GREEN Display • Easy to clean platform • Zero/Tare to deduct weight of mattress or pad on platform • Portable and Compact Design Model 	1
23	Ultrasound colour Doppler system dedicated veterinary application	<ul style="list-style-type: none"> • The system must be high end and state-of-the-art with fully digital technology equipment to incorporate the facility of 2D, 3D/4D, M-Mode, CDI, PW Doppler, CW Doppler, Power Doppler, Directional Power Angio, Contrast Imaging, Cardiac imaging for adult, pediatric and neonatal patients and Elastography imaging applications. • System must be offered with a minimum of 4000000 or more digital processed channels. Please attach a technical data sheet to support the number of channels on the systems. • System must be offered with 21 inch or more High Resolution Flat Panel LED Monitor with nearly infinite position adjustments. • Full screen visualization of ultrasound image on 21" monitor should be 	2

		<p>available on board</p> <ul style="list-style-type: none"> • System must be offered with user friendly high resolution user interface touch panel which is minimum 10 inch (+/- 1). User friendliness will be given priority. • System should have minimum 3 active Imaging pin less ports with electronics switching facility from key board. • The system should be supplied with latest technology probe i.e. single crystal/matrix technology. System quoted with normal technology probes will be liable for rejection. Probe technology should be mentioned in brochure/technical data sheet or attach a letter from the manufacturer. • Operating modes B-mode, M-Mode, B/M Mode, Doppler Mode, Colour Flow, Power Doppler, DCA/DPA, 3D/4D, B/Colour flow, PW Doppler, CW Doppler. • System should support broadband frequency probes spanning a frequency of 1-22MHz. • System should have a dynamic range of minimum 270 dB or more so that variety of patient sizes can be handled without compromise. Please mention dynamic range in the technical bid with supporting specification sheet. • Cine loop as well as cine scroll facility in B mode and Doppler mode with storage of 1500 or more images should be available. Cineloop frames should also be available for abdominal contrast. • Should have the state of the art Transmit Real Time Compound Imaging Technology with Multiple transmitted lines of sight, wherein Multiple Coplanar Images from different viewing angles are obtained and combined into a single compound Image at realtime frame rates for improved visualization. Should demonstrate and show multiple transmitted line of sight. • Auto trace & automatic Doppler calculations should be available. 	
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		<ul style="list-style-type: none"> • System should have comparison with archive image with live image side by side. • System must be offered with High Definition Speckle Reduction Imaging which is real-time algorithm that increases contrast resolution by reducing speckle noise while maintaining true tissue appearance Image processing technique to remove speckles and clutter artifacts. • System should be capable of scanning depth of 36cms. Scanning Depth should be clearly mentioned in the technical quote. • System must be offered with 2D frame rate of atleast 2000 frames per second or more. Acquisition frame rate should be clearly mentioned in the technical quote. • Image Archival on Hard Disk Capability to directly store images and video loops in the in-built Hard Disk Drive. • Image storage capacity on hard disk drive should be minimum 500 GB or more. • The system should be upgradable to real time 3D/4D scan • The system should have latest advanced skin coated/skin texture technologies in 4D for better visualization for face and limbs. • System must have MPR imaging in 3D and 4D scan. • The system must have thin slice and thick slice imaging in 3D/4D scan • System should be upgradable Ultrasound contrast (CEUS) on Cardiac probe. • Quoted system must have European CE and US FDA certification and along with manufacturer ISO Certifications. <p>System must be the following transducers</p> <ul style="list-style-type: none"> • <u>Broad Band Micro Convex Transducer 3-11 MHz</u> for pregnancy studies in small and large animals. • <u>Broad band Single Crystal Cardiac Transducer 1-5 MHz</u> for advanced 	
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		<p>Cardiac examination in Equine, Small and large animals</p> <ul style="list-style-type: none"> • <u>Broadband Matrix Linear probe (4-15 MHz)</u> for MSK and small parts in Small and Large animals • <u>Broadbank Matrix Convex Probe (1-8 MHz) for Abdominal applications in Small and Large Animals</u> • With 3 years warranty from the date of installation • After completion of 3 years warranty period, quote CAMC for next 5 years. 	
24	300mA DIGITAL RADIOGRAPHY SYSTEM WITH SINGLE FIXED FLAT PANEL DETECTOR AND 3D CEILING SUSPENDED STAND	<p>Completely integrated (integrated generator and Image acquisition) Direct Digital Radiography system suitable for Digital radiography application for veterinary purpose. The system should provide Direct digital image immediately after exposure for review purpose, quick diagnosis and better patient throughput. No retrofit System will be excepted., It is possible to do all the general radio logical applications on table (SMALL ANIMALS) and Detector Stand for large Animal X-ray on standing position., High frequency Digital Radiography system with rotating anode X-Ray tube. 3D ceiling suspended stand with manual movements & Detector Stand with inbuilt fixed FPD .</p> <p>The X-ray exposure parameter selection should be from software and the information of the same should be tagged in DICOM information of the final Image</p> <p>Generator and tube:- Generator should be of latest technology with high frequency 50KHz or more X-Ray generator. ,Constant Power output of 20 KW or more. KV range should be 40 to 125KV in 1KV/step. mA output: 300mA @100KV mAs range should be 1 to 200mAs.</p> <p>Tube should be a Dual focus Rotating anode X-ray tube should be provided. Focal spot size of to 1.5 mm (small focus) or less x 2.5 .mm or less (large focus). Anode heat storage capacity should be 140kHU or more Multi leaf Collimator having halogen lamp / bright light source and auto shut</p>	2

		<p>provision of the light. HV Cable: 1 Pair of H.V. Cable of suitable length.</p>	
		<p>TUBE STAND: The system should consist of a Ceiling mounted tube stand with 3-dimensional movements of the tube head covering a huge area should be provided ,Manual movements in longitudinal, and transverse & vertical movement,Tube stand with actuator based/ telescopic noiseless swift motorized up/down movement,Tube head Rotation should be (along vertical axis): $\pm 180^\circ$ or better.</p>	
		<p>TABLE (FOR SMALL ANIMALS): Mobile Diagnostic table should be provided with following dimensions: Length: 1800mm or more Width: 645mm or more Height: 735 mm or less Locks available on front wheels for table stability during exposure. Maximum weight carrying capacity for the table 180Kg or more</p>	
		<p>DETECTOR STAND :Floor mounted detector stand with counter balanced movements for erect/supine examinations.The stand should move entire length of rail. The Bucky should have manual continuous rotation from 0 to 90 degree or more with manual locking facility in between for positioning in various radiographs The Bucky should moves up & down and equipped with inbuilt detector. Magnetic locks should be provided for the vertical movement to lock at any position. Bucky should consists of removable grid. Detector stand have provision to do radiography with and without grid. Stand should be On Rails to enable Detector movement to entire length of the patient without repositioning the patient. Maximum scan area without patient movement >1600mm</p>	

		<p>FLAT PANEL DETECTOR (SINGLE FIXED FLAT PANEL DETECTOR): Flat panel type Detector with A-Si (amorphous silicon) and CSi as scintillator. Size of detector 43cm x 43cm or better . Active Image matrix 3K x 3Km or better. Image depth 14 bit or more. Pixel size should be 139um or less . Detector resolution 3.3 lp/mm or better. DQE (Detector Quantum Efficiency)-more than 65%.</p> <p>OPERATING STATION/WORK STATION: X-ray/image control console with fully integrated system with following features: Digital Display of KV & mAs. KV & mAs increase and decrease control on G.U.I (Graphical user interface). Self diagnostic Program which can diagnose and display error messages such as KV error, Filament error & Tube's Thermal Overload. Anatomical Programming Radiography (i.e. APR): Preprogrammed parameters of Animal Anatomy which helps the user to select exposure parameters based on body part, examination view and size of the patient. Since it is a computer based system (full system integration) so any number of Organ programming combinations is possible. User can define his own Organ parameters and can edit the existing parameters to his satisfaction and comfort level. Dual action hand switch & IR remote for ready & Exposure should be provided</p> <p>SOFTWARE CHARACTERISTICS: Software should provide complete control of all image capture functions within the examination room for vetrinary purpose. It should enhance the entire workflow by delivering diagnostic images instantly. It should also allow user to transfer X-Ray images electronically to remote workstations, image archives, and printers, also should have an excellent performance on image quality control such as: MAIN FEATURES:- Digital image processing technology, Preview image in less than 5 seconds, Exam Specific Algorithms image processing for consistent image quality of all body parts, Preset image processing</p>	
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		<p>tools for different anatomy,Image cropping,Image mirror, rotate.,Image annotation,Add image accept/reject comments,Rejected images archival with provision of converting them to Accepted images,Separate log for Rejected, Accepted and Printed images,True size for printing,Hard disc capacity for image storage > 3000 images, Inbuilt CD/DVD writer facility,Remote online system diagnosis,Remote online software upgrade,Image quality control tools,Easy and quick Offset and gain calibration with bad pixel removal algorithm,Get DICOM work list,DICOM Print,DICOM Store,Support DICOM MPPS.</p> <p>Workstation along with monitor: 1 No. 19" LCD/TFT Medical display monitor to be provided.</p> <p>Accessories :-Servo Voltage Stabilizer of Suitable rating for complete should be provided, 2 nos lead Aprons of 0.5 MM lead equivalence,3 fold lead protection barrier</p> <p>OTHER REQUIREMENTS AND CERTIFICATIONS:-Warranty 3 years. The company should be ISO13485 and ICMED13485 certified. The unit should be approved by AERB. The company should have valid import/manufacturing licence from central licensing authority or state licensing authority of CDSCO for medical device The company should have proven track record in Govt. sector. The Generator, detector and console software should from the same principal company of Digital X-Ray system for seamless connectivity and consistent image quality After completion of 3 years warranty period, quote CAMC for next 5 years</p>	
25	Dowling Spay Retractor (Complete Set)		1
		Total requirement:	102

CHECK LIST

Sl. No.	Item Name	Please tick mark for the items quoted by the firm √
1	Balfour retractor – sizes 6”, 7” (Agros)	
2	Deaver abdominal retractor (standard size)	
3	Eye speculum 1.5,1.25 inches	
4	Gelpi retractor sizes 6.75”, 7.5”, 4.5”,3.5,5.5	
5	Gosett Abdominal retractor = 5.5”	
6	Hauptman Spay retractor 925A,925B,925C	
7	Invertors	
8	Lane retractor – double ended blades wide 13mm and 19mm and wide 25mm & 32mm	
9	Large Animal Lifting device	
10	Large Animal Trolley cum operation table with heavy duty wheels Sizes=5, Length =7/8 feet, Width = 5/6 feet, Height = 2 feet	
11	Oxygen Cylinder (bulk type)	
12	Spay hook, 8 inches	
13	Stretchers 7 feet length with wheels (S.S)	
14	Veterinary computerised radiography or digitalization of x-ray with 1) consoles 2) monitors, cassettes 3) Scanner 4) printer – optional (3-4 lakhs) 5) A/C Room 6) Working table, chairs WITH 500MA – X RAY MACHIENE	
15	Veterinary Orthopaedic kit, Pinning, plating	
16	Rumenotomy set	
17	Metal Detector	
18	Portable Suction pump	
19	Woodslamps	
20	UV Lamp for sterilization	
21	AC	
22	Weighing Machines for Small Animals	
23	Colour Doppler Ultra sound Machine (4probes-convex micro convex, Cardiac and linear probes with contrast enhancement facility with each organ specific veterinary Software	
24	Veterinary Digital Radiography system of 300 MA X-Ray Machine	
25	Dowling Spay Retractor (Complete Set)	

PRICE QUOTE

ANNEXURE- III
PRICE QUOTE
(As per specifications mentioned in Annexure-II)
SCHEDULE

Sl. No.	Item Name	Qty.	Rate quoted for 1 Qty.		
			Rs.in figures (in words)		
			Basic Price	GST @ %	Total
1	Balfour retractor – sizes 6”, 7” (Agros)	1			
2	Deaver abdominal retractor (standard size)	1			
3	Eye speculum 1.5,1.25 inches	1			
4	Gelpi retractor sizes 6.75”, 7.5”, 4.5”,3.5,5.5	1			
5	Gosett Abdominal retractor = 5.5”	1			
6	Hauptman Spay retractor 925A,925B,925C	1			
7	Invertors	1			
8	Lane retractor – double ended blades wide 13mm and 19mm and wide 25mm & 32mm	1			
9	Large Animal Lifting device	1			
10	Large Animal Trolley cum operation table with heavy duty wheels Sizes=5, Length =7/8 feet, Width = 5/6 feet, Height = 2 feet	1			
11	Oxygen Cylinder (bulk type)	1			
12	Spay hook, 8 inches	1			
13	Stretchers 7 feet length with wheels (S.S)	1			
14	Veterinary computerised radiography or digitalization of x-ray with 1) consoles 2) monitors, cassettes 3) Scanner 4) printer – optional (3-4 lakhs) 5) A/C Room 6) Working table, chairs WITH 500MA – X RAY MACHIENE	1			
15	Veterinary Orthopaedic kit, Pinning, plating	1			
16	Rumenotomy set	1			

17	Metal Detector	1			
18	Portable Suction pump	1			
19	Woodslamps	1			
20	UV Lamp for sterilization	1			
21	AC	1			
22	Weighing Machines for Small Animals	1			
23	Colour Doppler Ultra sound Machine (4probes-convex micro convex, Cardiac and linear probes with contrast enhancement facility with each organ specific veterinary Software	1			
24	Veterinary Digital Radiography system of 300 MA X-Ray Machine	1			
25	Dowling Spay Retractor (Complete Set)	1			

1. The manufacturer/supplier has to quote their lowest rate.
2. The basic rates quoted should be inclusive of all Taxes / Duties on FOL delivery to the concerned lab & inclusive of loading, unloading, training to concerned officials with machine operation etc. GST shall be shown separately.
3. The rates quoted in the Price quote should be firm and valid up to 30-11-2023. The APSAIDC Ltd. will not entertain any upward price revisions during the agreement period. The validity period can be extended on mutual consent of both the parties.
4. The rates and units shall not be over written. The rates and units shall always be in both figures and words.

Place :

Date

SIGNATURE OF MANUFACTURER/SUPPLIER
WITH SEAL

ANNEXURE – IV

DECLARATION ON Rs.100/- NON JUDICIAL STAMP PAPER

1. I/We have read and understood the terms and conditions of TENDER schedule relevant to “TENDER notice” dated: 15-12-2022 and I/we have submitted the Annexures in accordance with the terms and conditions of above TENDER schedule.
2. I/We shall not sell the products being quoted through this TENDER schedule, at a lower price either to Government / Private parties in the State of Andhra Pradesh by way of giving any additional trade discount or incentives. If any such incident is noticed the A.P.S.A.I.D.C. Ltd. has the right to restrict all payments to such a lower rate apart from initiating penal action.
3. The information furnished in the Annexure-I is true and factual I clearly understand that our TENDER schedule is liable for rejection, if any information furnished is found not true and factual, at any point of time.
4. The product/s offered by us is not copied or duplicated from any product design. In case the Corporation authorities find at any Time our products are an imitation or duplicate, we are bound for any legal action to be taken on us including blacklisting our firm.
5. I/We declare that I/we do not violate any patent/trade mark rights of any other manufacturer.

Place :
Date :

SIGNATURE OF THE MANUFACTURER/SUPPLIER
WITH SEAL

DATA SHEET

Information to TENDER applicant(s)

Clause Ref.	Description
1	<p>The name of the Client is :</p> <p>Vice Chairman & Managing Director APS Agro Industries Development Corporation Limited G1, G2, 101, Prime Hill Crest, Vaddeswaram Vaillage, Mangalagiri Mandal Guntur District – 522502, Andhra Pradesh.</p> <p>Email: apagrosdmac@gmail.com Website: www.apagros.org</p>
2	<p>The Method of selection is :</p> <p>Quality-and Cost-Based Selection (QCBS)</p>
3	<p>The Edition of the Guidelines is :</p> <p>As furnished in the TENDER schedule</p>
4	<p>Technical and Financial Schedules are requested Separately:</p> <p>Yes</p>
5	<p>Particulars of materials to be supplied:</p> <p>Supply, installation, commissioning, validation of non RC items for strengthening of SSVHs, VPCs and AVHs.</p>
6	<p>The client will provide the following:</p> <p>Technical specifications of the Veterinary Lab Equipment.</p>
7	<p>The TENDER submission address is:</p> <p>Vice Chairman & Managing Director APS Agro Industries Development Corporation Limited G1, G2, 101, Prime Hill Crest, Vaddeswaram Vaillage, Mangalagiri Mandal Guntur District – 522502, Andhra Pradesh.</p>
8	<p>The information on the outer envelope should also include:</p> <p>TENDER for Supply and installation, commissioning, validation of non RC items for strengthening of SSVHs, VPCs and AVHs.</p> <p>Validity of TENDER shall be 90 days from the date of submission.</p>