BIHAR AGRICULTURAL UNIVERSITY
SABOUR-813210, (BHAGALPUR), BIHAR

Tender Notice No. – 24

Sealed quotations/ tenders are invited through registered / speed post / courier services, from Reputed / Registered, Supplier / Dealers / Firms / Company / Enterprises for the supply of different items for establishment of Experiential Learning Unit of Makhana entitled**: "Enterprise Management Capability through Makhana (*Euryale ferox* Salib) Production System Management"** for BPSAC Purnea**.** Sealed envelope containing full information along with supporting documents, must reach in the office of the undersigned on or before **20/03//2017 upto 4.00 P.M**. and the same will be opened on **21/03/2017 at 3.00 P.M.** Details are available on www.bausabour.ac.in.

O/I Central Store (H.Q.)

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BIHAR AGRICULTURAL UNIVERSITY

SABOUR, BHAGALPUR – 813 210 (BIHAR)

www.bausabour.ac.in

TENDER DOCUMENT
FOR

Supply of different items for establishment Experiential Learning Unit of Makhana entitled "Enterprise Management Capability through Makhana (*Euryale ferox* Salib) Production System Management

NIT No.24 CS (HQ)/BAU, Sabour Dated: 23/02/2017

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"Enterprise Management Capability through Makhana (*Euryale ferox* Salib) Production System Management"

PRODUCT : *Makhana* and Carps fishes (IMC) etc.
UNIT SIZE : 06+06= 12 ha
BUDGET : **Rs. 112.35 lakhs** Production period : 06 months

Sl No.	Items	Specification	Tender fee (non-refundable)	EMD Amount (in Rs.)
1.	Solar water pumping system with foldable mounting structures, AC pump (3 HP), Electric Conductor, 3000 W.P. solar P.B. module connecting wire etc. and other accessories	3 HP	500=00	12,000=00
2.	**Farm equipments/fish harvesting boats(i to xi)**		500=00	11000=00
	(i) Hydraulic tractor trolley			
	(ii) 11 Spring tine cultivator	Overall height –1500mm Overall width- 840 mm Overall length- 1100 mm Maximum working Depth-680 mm Weight- 198 kgs Share-Reversible Mounting- CAT II-3 Point Linkage		
	(iii) Disc Harrow	Overall height –1143mm Overall width- 1625 mm Overall length- 2260 mm Minimum working Depth-1600 mm Maximum working Depth-2209 mm Overall Weight- 370 kgs Number of disc-14 Disc Dia.-510 Pitch of the discs-228mm Type of the disc-plain Linkage Type- CAT I-3 Point Linkage No. of Gangs-02 Power requirement-25 & above		

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	(iv) Leveler manual	Length-7’		
	(v) **Disc bund maker**	Drawn by 50 HP Tractor		
	(vi) **Multi Crop seed-cum-ferti drill**			
	(vi) **Tractor drawn bed planter**			
	(vii) **Seed dressing equipment**			
	(viii)**Fertilizer broadcaster power operated**			
	(ix) **Fertilizer broadcaster manual**			
	(x) **Rotavator**			
	(xi) **Cage Wheel for pudlling -02 set**			
3.	Boat	1 HP	500.00	2500.00
4.	Aerator	1 HP	500.00	1000.00
	The rates mentioned above tentative. These may increase or decrease following the limit of under aforesaid head.			
	Lab equipment’s			
5.	Water analysis kit	Multi Parameter Water Testing Kit and 2 standard Turbidity For 100 Tests Kit contains 16 Reagent bottles, 1 Test jars with spoon, 2 Empty vials, 2 Turbidity measuring tubes, pH strips, Comparator charts for Iron, Chlorine, Fluoride & Nitrate Tests.	500.00	13500.00
6.	Auto analyzer	**Semi Auto Biochemistry Analyzer.** . ● Peristaltic pump with flow cell for maintenance free operations. ● Automatic zero setting. ● Triple cuvette system. ● built in stabilizer. ●Monochromatic, Biochromatic measurement. ● Multi Standard Calibration & Memory. ● Unique circulatory for long life camp. ● Editing of saved tests. ● User friendly software ● USB Interface. • Must be supplied with a compatible voltage stabilizer • Must be supplied with at least one year warranty		

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7.	Spring balance	• Micro processor control with digital display. • Read out : 500 g • Weighing range: 200kg • Data hold function • Stainless steel hook • Stainless steel snap link • Batteries (3 x 1.5 V AA) • Auto off after 3 minutes without change of load. • Must be supplied with at least one year warranty		
8.	Spectrophotometer	• Microprocessor controlled with digital display of Transmission, Absorbance and Wavelength etc. • Must have Printer Interface and Computer Interface • Wavelength Range (nm) 190 - 1000 nm • Spectral Bandwidth: 2 nm • Wavelength Accuracy ± 0.5 nm or better • Wavelength Repeatability ± 0.3 nm or better • Photometric Accuracy: ± 0.005 Abs at 1.0 Abs, ± 0.010 Abs at 1.5 Abs or better • 2 sets cuvetts to be given • Detector : Wide range Silicon Photodiode • Light Source: Deuterium Lamp (D2) and Tungsten Halogen Lamp (W) or Xenon Lamp • Data Storage capacity Upto 100 Samples or more • Sample Holder: For standard size 10 mm path length cuvettes • Power requirement = 220 – 240 V AC, 50 Hz, • Keyboard Keys: Soft touch membrane type • Must be supplied with a compatible voltage stabilizer • Must be supplied with at least one year warranty		
9.	Microscope	**LABORATORY BINOCULAR MICROSCOPE** (Plan Achromat) standard microscope set complete with built-in 6V20W halogen light illuminator with universal SMPS power supply for 100V~240V, quadruple ball		

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		bearing nosepiece, coaxial coarse and fine focus drive controls, high resolution long barrel **Plan Achromat** objectives 4x, 10x, 40x (spring) and 100x (spring, oil immersion), 360deg rotatable inclined binocular tube,fungus resistant optics for Tropical use, widefield paired eyepiece HWF10x, right hand control co-axial low drive mechanical stage, focusable rack&pinion drive Abbe condenser 0.9/ 1.25 N.A with iris diaphragm complete set in thermocole packing. The Microsscope will be supplied with digital camera above 15 MegaPixel along with storage device to capture, edit & store images. Must be supplied with at least one year warranty		
10.	Centrifuge	• High Speed Micro Centrifuge with brushless DC motor • Must be microprocessor controlled with large digital display for RPM and/ or RCF and time • Rotor capacity: 12 x 1.5 ml/2ml microtubes • Maximum RPM/RCF: 15000/15000 g or more • Intuitive simple interface • Imbalance Detection with auto-cut off • Lid lock safety, lid should open automatically on run completion • Supplied with rotor and reduction adaptors for 0.2 ml and 0.5 ml micro tubes • Must be supplied with at least one year warranty		
11.	pH meter	**pH meter** • Microprocessor based pH meter • LCD Display • Accuracy up to ±0.01 pH • Range: 0.000 to 14.000 pH or better	500.00	400.00

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		• Push button calibration, auto buffer recognition • Up to 3 calibration point • Self- diagnostic messages • Automatic temperature compensation • Electrode characteristics (pH slope/offset) can be viewed • Supplied with Electrode stand with swivel arm, Calibration solutions for pH • Supplied with electrode • Must be provided with power adapter and a compatible voltage stabilizer • Must be supplied with at least one year warranty		
12.	EC Conductivity Meter	- Microprocessor Based digital display Range : 0 – 19.99 µS/cm, 20 – 199.9 µS/cm 200 - 1999 µS/cm, 2.00 – 19.99 mS/cm, 20.0 – 199.9 mS/cm Resolution : 0.01 µS/cm, 0.1 µS/cm,1 µS/cm, 0.01mS/cm, 0.1 mS/cm Accuracy : + 1% FS • Must be supplied with at least one year warranty	500.00	600.00
13.	Distillation (distilled water) unit	• Quartz double distillation unit • Distil water out put capacity (approx.)-1.5 lt/hr. • Electrical requirement 230-250 volts single phase 3 kw • Minimum cooling water requirement -1 lt/min. • Pyrogen Free • Supply with distillation apparatus power supply to enable the distillation unit to function automatically by switching off the heater incase the water level falls below the heating coil, there by safeguarding the heater. Distillation apparatus power supply should emit buzzer sound to indicate low water level. • Must be supplied with one year warranty.	500.00	2000.00

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14.	Refrigerator	• Vertical type side by side refrigerator (With the freezer on the left, the refrigerator on the right) • Capacity (Litre): Approx. 581 • Exterior Display: LED Display • Sensors: Multi Digital Sensors • Power requirement = 220 – 240 V AC, 50 Hz, Minimum one year warranty on all parts and with at least 10 year warranty on Compressor • Must be supplied with a compatible voltage stabilizer and inverter + Battery for at least 3hr power backup.	500.00	2000.00
	***Makhana* Processing Plant**(50 Kg/hr Seeds Intake capacity)		**500.00**	**50000.00**
15.	**i. *Raw makhana seed washer***	**Purpose:** This machine will be used for washing and cleaning of raw makhana seeds taken from ponds. Seed membrane, snails, dead fish pieces, mud, stones, and other impurities will be removed by this machine. Specifications: It will be a batch type drum type of machine coupled with rotating brushes/emery inside the drum. The feed opening will be at the top of the machine on one side whereas the discharge gate will be on the other side of the machine at bottom side. The drum will be made of heavy duty perforated sheet metal. The brush assembly will rotate inside the drum placed on a central shaft. Four brushes will be fitted on the shaft. The brushes will be placed throughout the length of drum. Complete assembly will be covered with another mild steel drum in which a slope will be provided at the bottom for discharge of foreign matter and water. Alternative of this system comprises emery discs of 300 mm diameter and 50 mm thickness placed at 30 mm distance. Altogether 8 emery discs will be placed in a housing of perforated cylindrical concave. Clearance between emery disc and concave will be 25 mm. The other arrangements will remain similar as given above. Pressure water jet system will be placed in the machine. Array of GI pipes having holes will be placed above the perforated drum for sprinkling water so that foreign matter can be separated from the seeds. The machine will be fitted on a sturdy mild steel frame. The power transmission system should be well protected with guards and safety devices. Option for manual operation should also be made in the power transmission system. **Technical Specifications:** Overall size: 2000mm × 1500mm × 1000 mm (L×W×H) Electric load:1.5 kW, 3 phase motor Construction material: mild steel, galvanized iron, EN-8 etc.		
	ii. *Makhana seed grader*	**Purpose:** This machine will be used for grading seeds on the basis of seed size. Seeds have to be graded into 7 sizes (3-5 mm; 5-7 mm; 7-9 mm; 9-11 mm; 11-13 mm; 13-15 mm, and >15 mm). Specifications: It will be a continuous reel type of grading		

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		machine. The machine will consists of a feed hopper (20-25 kg capacity) with a continuous feed control device, set of seven cylindrical screens, seed collection boxes along with discharge chute and bag holders, brushes to prevent clogging of perforations, drive mechanism, mechanism for changing the inclination of reel assembly, and covers with inspection windows. The feed hopper will be at the top of the machine on one side whereas the 7 collection boxes will be placed below each screen. Eighth collection box will be placed at the other end of the reel to collect the oversize foreign matter. Discharge gate will be on the other side of the machine at bottom side. This grader will be fabricated into two pieces of reels placed alongside and each piece will be 2760 mm long. First the reel will be fitted with feed hopper whereas overflow from first reel will be fed to the second reel. The first reel will be fabricated from the perforated sheets of 5 mm, 7 mm, and 9 mm diameter. Each screen of first reel will be 920 mm long and 500 mm in diameter. Second reel will be fabricated from the perforated sheets of 11 mm, 13 mm, 15 mm and 22 mm diameter. First screen (11 mm diameter) of the second reel will be 860 mm long, second screen (13 mm diameter) of 800 mm length, third screen (15 mm diameter) of 600 mm length and fourth screen (22 mm diameter) will be 550 mm long whereas diameter of each screen will be 500 mm. Provision for changing the rotational speed of the reels should be made and each reel will rotate at same speed. To prevent clogging of screens, nylon brushes should be fixed on one side of every screen. The machine will be fitted on a sturdy mild steel frame. The power transmission system should be well protected with guards and safety devices. The machine should be covered from top with mild steel cover with separate inspection window for every screen. **Technical Specifications:** Capacity: 100 kg/h Overall size: 3000mm × 2000mm × 1500 mm (L×W×H) Electric load: 1.5 kW, 3 phase motor Construction material: mild steel, acrylic sheet, EN-8 etc.
	(iii) Makhana seed dryer	**Purpose:** The machine will be fabricated for drying of graded raw makhana seeds from 35-40% moisture content (wet basis) to 28-30% moisture content. Time and temperature combinations will also be optimized for different grades of seeds. Specifications: This machine will be a batch type hot air cabinet dryer for drying raw makhana seeds in thin layer (50 mm bed thickness in each tray). The machine will consists of an insulated chamber, 16-20 trays, slots for loading the trays, direct contact air heaters (15 kW), blower, air inlet and exhaust, air volume control gate, PID temperature controller-cum-indicator, and heavy duty door to load and unload trays. The trays will be fabricated from 18/20 gauge GI or aluminium sheets with reinforcement at the borders. Each tray will have a capacity to hold 8-10 kg raw makhana seeds and height of the tray must be 70 mm. The blower should

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		circulate the hot ait throughout the chamber uniformly. Heaters may be placed at the back side of the chamber whereas the chamber must be closed from five sides with provision of door on one side. Temperature of air will be controlled by high quality PID temperature controller-cum-indicator. The operating air temperature range will be from ambient to 150°C. Provision for air entry to the heaters should be from outside whereas the exhaust gate may be placed on the top side of the chamber. The drying chamber should be made of mild steel (heavy duty structure), to provide machine long life and steadiness. Lining of SS/aluminium may be placed inside the chamber. The machine should be powder coated from all sides (internal as well as external surfaces (except SS, GI or aluminium fabrications). **Technical Specifications:** Capacity: 120-150 kg/batch Overall size: 1200mm × 1200mm × 1500 mm (L×W×H) Electric load: 15 kW Construction material: mild steel, GI/SS/aluminium
	(iv)Seeds roasting machine for initial roasting of makhana	**Purpose:** This machine will be used for initial roasting of raw makhana seeds. During this roasting process, the starch present in the seed is gelatinized and protein is denatured. This is the most important step of popped makhana production process and even a slight change in processing conditions affect the end product quality. Specifications: This machine will be an indirect contact heating and batch type of system. Dried (28-30% moisture content) and graded makhana seeds will be roasted in this machine. The machine will be the rmic oil based indirect heating system (similar to the heating system developed by ICAR-CIPHET, Ludhiana for second roasting of makhana for popping having different dimensions, without screw conveyor, and batch kind of feeding mechanism). The system will consist of a double wall cylindrical chamber. The rmic oil will be filled between the walls, which will be heated using the rmic heaters. The the rmic heaters will be placed in separate thick wall hollow cylindrical pipes and the pipe will be connected to the the rmic oil cylinder through to pipes for oil circulation to maintain the temperature. Different arrangement of the the rmic heaters may also be made such sump for oil heating and circulation through pump. Capacity of the inner cylindrical vessel will be 50 kg (based on raw makhana seed) and in one batch at least 25 kg seed may be placed. A mixer will be placed in the inner cylinder to mix the material uniformly during the heating process. It may be a screw type agitator or flap type of rotating arms mounted on a centrally placed shaft. This machine will be equipped with digital temperature controller cum indicator and working temperature will be 150-260°C and therefore the thermic oil to be used will have working temperature above 300°C. A timer will also be attached with the machine to control roasting time accurately. Provision for escape of vapour generated during roasting will be made or the feed end may also be used as escape gate for vapours. An exit gate will also be provided at the other end of the machine. Provision for tilting the cylindrical vessel (using hydraulic system) will be made for emptying the vessel after completion of roasting. A small opening should also be made in the vessel to take samples for inspection to verify whether roasting is completed. The cylindrical chamber of the machine will be insulated from

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		outside to reduce heat loss. The cylindrical vessel assembly should be covered properly for the safety of operator. All the moving parts will be well protected and electronic devices and controls will be placed on a separate panel to operate the system. **Technical Specifications:** Capacity: 50 kg/batch (working capacity 25 kg) Overall size: 2000mm × 1200mm × 1350 mm (L×W×H) Electric load: 15 kW Construction material: mild steel, GI, thermic oil, thermic heaters, electronic control devices, hydraulic system etc
	(v). Roasting and popping machine	Makhana Popping machine Standard features: Italian Motors Digital Control Panel Capacity 20-30 KG input Electric Load 12 Kw With Feeding Hopper
	(vi)Popped makhana grader:	**Purpose:** This machine will be used for separation of husk, unpopped whole seeds, unpopped decorticated kernels, partially popped makhana and popped makhana. Specifications: It will be a continuous reel type of grading machine. The machine will consists of a feed hopper (20-25 kg capacity) with feed control device, set of four cylindrical screens, collection boxes along with discharge chute and bag holders, brushes to prevent clogging of perforations, drive mechanism, mechanism for changing the inclination of reel assembly, and covers with inspection windows. The feed hopper will be at the top of the machine on one side whereas the 3 collection boxes will be placed below each screen. Fourth collection box will be placed at the other end of the reel to collect the grade-I makhana. This grader will be fabricated into one piece of reel of 2000 mm long. The reel will be fabricated from the perforated food grade stainless steel sheets of 5 mm slotted screen, 15 mm, 20 mm and 30 mm diameter round opening sieves. Each screen of first reel will be 500 mm long and 400 mm in diameter. Provision for changing the rotational speed of the reels should be made. To prevent clogging of screens, nylon brushes should be fixed on one side of screen. The machine will be fitted on a sturdy mild steel frame. The power transmission system should be well protected with guards and safety devices. The machine should be covered from top with mild steel cover with separate inspection window for every screen. Alternate of this machine may be air column based separation system. It will consists of an air column, feeding system, settling chamber, conveyor for removing settled material, aspirator, duct, and collectors. **Technical Specifications:** Capacity: 100 kg/h Overall size: 2500mm × 1000mm × 1500 mm (L×W×H) Electric load: 1.5 kW, 3 phase motor Construction material: food grade SS, mild steel, acrylic sheet, EN-8 etc.
	(vii Un-popped makhana grinder	**Purpose:** This machine will be used for fine grinding of unpopped makhana kernels to produce the makhana flour. This flour will be used for preparation of value added products. Specifications: It will be essentially a swinging arm type hammer mill of small capacity (20-30 kg/h). The hammers will be made from SS alloy whereas the chamber of the mill will also be lined with SS material. Set of screens will be required to produce the flour of different particle sizes. The feed hopper will be at the top of the machine whereas the discharge gate will be at the bottom of the machine. The power transmission system should be well protected with guards and safety devices. The machine should be covered from top with mild steel/cast iron cover.

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		Technical Specifications: Capacity: 20-30 kg/h Overall size: 800mm × 800mm × 1200 mm (L×W×H) Electric load: 2 kW, 3 phase motor Construction material: food grade SS, mild steel, cast iron, EN-8 etc		
	viii. Control panel for the pilot plant	**Purpose**: This panel will control the operation of complete pilot plant from one place. Individual machines or complete plant can be operated at a time from one place. Specifications: It will be a electronic and electrical based control panel. The power supply will be regulated from the panel. Each machine will be connected with the panel separately. It will consist of main switch, power break system, indicators, control/ on-off switches, main supply connection, safety devices etc. Separate indicators will be required for each machine. **Technical Specifications:** Capacity: 40 kW load bearing capacity Overall size: 500mm × 500mm × 1500 mm (L×W×H) Construction material: powder coated mild steel box, electrical and electronic control and indicating devices, etc.		
	ix. Packing machine	**Packing machine** Purpose: To pack different pack size of Makhana from 100, 200, 500 gms Specifications: It will be a electronic and electrical based control panel. The power supply will be regulated from the panel. It will consist of main switch, power break system, indicators, control/ on-off switches, main supply connection, safety devices etc. Separate indicators will be required for each machine. Technical Specifications: Capacity: 2 kW load bearing capacity Construction material: powder coated mild steel box, electrical and electronic control and indicating devices, etc.		
16.	x. Microwave	**<u>Microwave Oven</u>** • Capacity: 3 L (Approx.), LED display with clock, • Programmble with standard menus • Weight-defrost, Quick start, Safety features: Overheating protection and child safety lock • Warranty: Minimum 1 year on machine and 3 years on magnetron and cavity	500.00	1000.00

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BIHAR AGRICULTURAL UNIVERSITY
SABOUR (BHAGALPUR)
PIN: 813 210(BIHAR)
www.bausabour.ac.in

NIT. No.24/CS (HQ)/BAU, Sabour **Dated: 23/02/2017**

NOTICE INVITING TENDER/QUOTATION

Sealed tenders/quotations are invited in 2- Bid Systems (Technical Bid & Financial Bid) from Manufacturer/Authorized Distributors or Dealers **for the supply of different items for establishment Experiential Learning Unit of Makhana entitled "Enterprise Management Capability through Makhana (Euryale ferox Salib) Production System Management**. The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. BAU, Sabour reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

Terms and Conditions:

1. The technical and financial bids should be quoted separately and put in different sealed envelopes marked "Technical bid" or "Financial bid" as applicable. These separate bids envelopes are to be put in an outer envelope which should also be sealed.

2. The bidder must be submitted the OEM or their Authorized Distributor Certificate on their letterhead in the name of tenderer duly mentioned tender reference number along with the technical bid. If not found with technical bid the tender will be summarily rejected.

3. The Vendors must be executed same nature of work in the last 3 years. The details of such institutions and the cost with name of equipments may also be supplied with the bids.

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4. The technical and financial bids should be submitted in original. The financial bid should include the cost of main equipments/items and its accessories. If there is any separate cost for installation etc. that should be quoted separately.

5. Each individual sealed envelope as well as the outer envelope should be marked with the following reference on the top left hand corner: **NIT. No.24/CS (HQ)/BAU, Sabour, Dated: 23/02/2017.**

6. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credential and past performance.

7. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are cuttings, they should be duly initialled, failing which the bids are liable to be rejected.

8. Any bids received after **4:00 P.M. on 20/03/2017** shall not be considered. Offers received within the stipulated period only are considered. University shall not be responsible for any postal delay. All tender documents should have to be sent through courier, speed post or registered post only.

The postal address for submitting the tenders is:

Officer-In-Charge
Central Store
Bihar Agricultural University
Sabour, Bhagalpur (Bihar), Pin-813210

9. The Technical Bids will be opened on **21/03/ 2017 at 03:00 P.M**. The date & time for opening of Financial Bids will be informed later on to the technically qualified bidders. In case the date mentioned above is declared Government Holiday, the date shall automatically be shifted to next working day.

10. While sending rates, the firm shall give an undertaking to the effect that "the terms/conditions mentioned in the Enquiry Letter/Tender Notice against which the rates are being given are acceptable to the firm". In case the firms do not give this undertaking, their rates will not be considered.

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11. The quantity shown against the item is approximate and may vary as per demand of the University at the time of placing order.

12. All disputes shall be subject to Bhagalpur Jurisdiction only.

13. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.

14. BAU, Sabour reserves the right to cancel the tender at any point of time without assigning any reason.

15. The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.

Note: Price bids of only those bidders will be opened whose technical bids are found suitable by the committee appointed for the purpose. Date and time of opening of price bids will be decided after technical bids have been evaluated by the committee. Information in this regard will be intimated to the technically qualified bidders. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before awarding the contract.

16. Tender Cost & Earnest Money Deposit (EMD):

Bidder needs to submit the EMD **as mentioned above for the supply of different items for establishment Experiential Learning Unit of Makhana entitled "Enterprise Management Capability through Makhana (Euryale *ferox* Salib) Production System Management** and a non-refundable Tender Fee of **Rs. 500/- (five hundred Only) as mentioned above for different items** in the form of a DD (Demand Draft) issued in favour of **Comptroller, Bihar Agricultural University, Sabour, Payable at Sabour** from any Nationalized Bank, must be enclosed in the envelope containing the financial bid.. None submission of EMD will cause the rejection of the tender. All the bidders are required to enclose self-addressed **Rs. 35.00** stamped envelope.

17. The bidders shall keep their bid valid for minimum 90 days from the date of opening of the financial bid.

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18. Manual and documentation: All the manuals necessary for operating and servicing the equipment (including details of electronic circuits) will have to be provided along with the instrument.

19. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.

Sd./-
Officer-In-Charge
Central Store (HQ)
Bihar Agricultural University,
Sabour, Bhagalpur-

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TENDER FORM

To,

1. The Comptroller
   Bihar Agricultural University
   Sabour, Bhagalpur (Bihar), Pin-813 210
2. Officer-In-Charge
   Central Store
   Bihar Agricultural University
   Sabour, Bhagalpur (Bihar), Pin-813 210

Subject: Tender Enquiry No.:24/CS(HQ)/ BAU Sabour dated: 23/02/2017.

Sir,

I have gone through the terms and conditions laid down in the tender documents and accept the same. I am hereby submitting the technical bid and enclosing the documents as per details given below:

CHECK LIST

S.No. *Name of documents*

1. Cost of Tender documents (It downloaded the tender …….. (Document) from University website within NIT schedule)
(DD No/Pay Order_____date_____Issuing Bank_____

_____ for Rs. 500.00 (Enclosed along with the technical bid).

2. Details of EMD-TDR/FDR No._____ date of issue_____
Name & address of Bank issuing DR/FDR_____ amounting to Rs_____ This EMD is being Encl (along with the technical bid).

3. List of procurement agencies of repute to whom the tendered_____ products have been supplied during last twelve month with proof.

4. Authorized dealership/agency/distributor certificate issued by original manufacturer of the equipment/item for preceding two years to show financial status of the tenderer.

5. Attested copies of CST/VAT registration _____

6. Attested copies to PAN (Permanent Account Number) _____

7. Tender Documents duly signed on all pages _____
Certified that each and every page of the tender documents are serially numbered and signed by me.

Yours faithfully,

BAU SABOUR

Nature and Name of the authorized Signatory with seal
Designation
Name of the company (Tenderer)

DETAILS ABOUT TENDERER

(General & Financial)

1. (a) Name of the Tenderer: ……
   (b) Status of the Tenderer: ……
   (i) Manufacturer/Importer: ……
   (ii) Proprietorship: .....
2. Partnership/Company

   Full Postal Address .....

   .....

   .....

   .....

3. Telephone No.: .....
4. Mobile No.: .....
5. Fax No.: .....
6. E-mail Address: .....
7. Name of the persons who are responsible for conduct of business

SN	Name	Father's/Husband's Name	Age	Residential Address

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8. (a) Names of procurement agencies with whom: ……..the tenderer is registered.

   (b) Names of procurement agencies to whom: …….....

   Items have been supplied during last 12 months:…….....

   (Copies of supply order not to be enclosed)

DETAILS ON FINANCIAL ASPECTS

9. Furnish the following information with documents:-

   (i) Income Tax PAN: ……..

   (ii) Central Sales Tax Registration: .....

   (iii) VAT Registration No.: ……..

   (iv) Service Tax Registration No.: ……..

10. Name and address of the Billing Agency/Distributor/Dealer, if any

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FORMAT OF PRICE BIDS

S.N.	Tender items Sl. No.	Name of the items & Brand	MRP	Offered Rate per unit/each	Tax	Total Rate offered with tax
						(e + f)

Please Note: -

1. Price bids should be typed in the prescribed format only. Photo copy/Xerox Copy/ Duplicate Copy would not be accepted in any condition.

2. Authorized dealership/agency/distributor certificate issued by original manufacturer of the equipment/item should be enclosed

3. Rate of CMC/AMC should be quoted by the vender in a separate format (if applicable).

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DECLARATION

I _____Prop/Partner/Director of

M/s_____hereby declare that the information given in this Tender is true and correct to the best of my knowledge and belief.

Signature and Name of the Authorized Signatory

Designation

Date

Place

Seal of the Tenderer

WARNING: Subsequently, if information furnished in this tender found incorrect, tenderer is liable to be penalized including the Blacklisting.

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SPECIAL TERMS AND CONDITIONS FOR TENDERERS

The following terms and conditions should be complied with during submitting tender:-

1. Sealed Quotation/Tenders are invited in two bid systems.
2. Tenders should be submitted to the O/I Central Store, Bihar Agricultural University, Sabour, Bhagalpur, Bihar, Pin- 813 210 under the sealed cover.
3. The tenderer should quote typed rates in figures as well as in words. The tender should be signed by the tenderer himself/themselves or their authorized agent on his/her/their behalf. In case the tender is signed by the agent the authority letter in favour shall be enclosed with tender documents. Hand written price bid will not be considered.
4. The tenderers should take care that the rate and amount are written in such a way that interpolation is not possible. No blank space should be left, which would otherwise make the tender liable for rejection.
5. VAT Registration Clearance Certificate duly attested copy of a Gazetted Officer should also be enclosed.
6. Delivery schedule with definite date of delivery at destination (BAU, Sabour) taking into cognizance of transit facility must be indicated. This contractual delivery date/ period should be inclusive of all the lead time.
7. The tenderer submitting his tender would be deemed to be considered and accepted all the terms and conditions. No enquiries, verbal or written shall be entertained in respect of acceptance or rejection of the tender.
8. The quantity shown in the schedule may be increased or decreased depending upon the actual requirement.
9. This University reserves the right to cancel/ reject in or any part of the tender, which generally do not fulfil the condition stipulated in the tender without assigning any reason.
10. Any action on the part of tenderer to influence anybody of the University will make his/ their tender liable for rejection.
11. The tenderers shall submit the offer in original copy of the tender documents duly signed on each page. Item wise rate indicating units can be offered on letter head of the firm, in case, space printed on financial form is not sufficient.
12. In case of placement of purchase order, the vendor (the tenderer whose tender is accepted) may comment on the purchase order within 10 days from the date of dispatch of purchase order otherwise it will be deemed that offer is acceptable to the vendor. Notwithstanding any other provision, the terms and conditions and any other provision included, in the purchase order will be treated as binding with "Errors & Omissions Expected". However, if the vendor notices of the order, he must bring the same in to the notice of tender/ quotation and

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seek clarifications within the above stipulated time. Vendor will have to bear the responsibility for failure to take this action.

13. In University may in writing make any revision or change in the purchase order, including additions or deletions from the quantities originally ordered or in the specifications or drawing. If any such revisions/ changes affect the price or delivery, the same shall be subject to the adjustment of price/ delivery, wherever required on a reasonable basis by mutual agreement in writing which should be communicated.
14. The University reserves the right to cancel the purchase order or any part thereof shall be entitled to revise the contract wholly or in a part by written notice the vendor if:-
    (a) The vendor fails to comply with the terms and conditions of the purchase order including specifications and other technical requirement.
    (b) The vendor becomes bankrupt or goes into liquidation.
    (c) The vendor fails to deliver the goods in time and or does not replace the rejected goods promptly.
    (d) A receiver is appointed for any of the property owned by the vendor.
15. Upon the receipt of the said cancellation notice, the University shall discontinue all works of the purchase order and matters connected with it.
16. Supply order will be issued as per the requirement of the University. The supplier will have to supply ordered materials within the delivery time mentioned in the supply order.
17. Unless otherwise specified in the order, the order price shall remain firm and will not be subject to escalation of any description during the dependency of the order, notwithstanding the change in the cost of material and components he/they may take clearance while the order is under execution even if the execution of the order for any reason whatsoever.
18. The offer of the tenderers shall remain valid for a period of one year from the date of opening of bid.
19. The University may its option, reject such defective materials at the vendor's expense in which event the vendor shall, without any cost to the University and as promptly as possible, remove such materials and furnish and install proper and acceptable material.
20. In the event of delay delivery and/or unsatisfactory manufacturing progress and supply, the University has the right to cancel the purchase order as whole or in part without liability for cancellation charges.
21. Timely delivery as mentioned in purchase order shall be in the essence of the order and no variation shall be permitted except with prior authorization in writing from the University.
22. In the event of delay in making delivery on the part of the vendor, it will be at University discretion to receive delivery with a reduction in price of the article/or equipment.
23. Forced measure shall mean and be limited to the following: -
    (a) Any war/hostilities
    (b) Any riot or civil communication
    (c) Any earthquake, flood, tempest, lighting or other natural physical disaster.

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(d) Any strike or lock up (Only those exceeding ten continuous days duration) affecting the performance of the vendor's obligation.

The seller shall advise the University by Registered Letter duly certified by local chamber of commerce of statuary authorities the beginning and end of the above caused of delay within 7 days of occurrence and cessation of such forced measure concern. In the event of delay lasting over one month, if arising our caused of force measure, the University reserves the right to cancel the order.

24. No payment shall be made for rejected materials not the tenderer would be entitled to claim for such items.
25. Rejected materials would be removed by the tenderer from the site within two weeks or the date of rejection at their own cost. In case they are not removed they will be auctioned at the risk and responsibility of the suppliers without any further notice.
26. In case of not honoring the supply order, the University will have the right to impost penalty as deemed fit and to resort to make purchase at the suppliers cost and risk and his security deposit may be forfeited in favour of the University cost and risk.
27. Taxes & Levies-Rates of Inclusive of All Taxes. There is no extra payment will be made by the BAU Sabour in this regard. There are no any Forms for tax exemption will be issued by the BAU. Nevertheless, if Road permit/ Suvidha no. is availed by the firm, Entry Tax will be deducted by the BAU from your bill.
28. In the case of non-supply order stores within stipulated time, it will be at the discretion of the University to accept delivery with late delivery clause @ 1% per week maximum to the extent of 10 % of the ordered value for delayed supply.
29. Tenderer hereby agree to all terms and conditions stipulated in tender and undertakes to sign the rate contract or supply order within the given days from the date of order failing which security shall be liable to be forfeited.
30. Disputes, if any, arising between the University and the bidder out of or in connection with the terms and conditions contained herein shall be referred for arbitration to the Bhagalpur jurisdiction. Disputes shall be decided keeping in view of the terms and conditions of the tender and Bihar financial rules applicable to the University.
31. Warranty 3 years from the date of installation will be provided.
32. PBG-The vendor shall furnish unconditional Performance Bank Guarantee issued by the nationalized bank in the shape of TDR/FDR in favour of Comptroller, BAU, Sabour @10% of the order value valid for 3years and 2 months from the date of installation & commissioning.

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