

**RAJENDRA AGRICULTURAL UNIVERSITY, BIHAR  
PUSA (SAMASTIPUR) - 848125**

No. 192/ADR/RAU, PUSA

Dated 23.1.2010

**NOTICE INVITING QUOTATION**

Sealed quotations are invited in two bid system- Technical bid and Financial bid from ISO 9001: 2000 Certified Manufacturers/ their Authorized dealers/ Firms of outstanding repute/ Indian authorized agents of foreign suppliers through Registered post/ Speed post/ Courier service for the supply of various Laboratory Equipments on or before 16.02.2010. The details of equipments, specifications and terms/conditions etc. can be obtained from our website [www.pusavarsity.org.in](http://www.pusavarsity.org.in).

Associate Director Research (H.Q.)  
&  
Nodal Officer (RKVY & NAIP)

Contd.

## List of Laboratory Equipments and their Specifications

### PROJECT CODE - A

Sl. No.	Name of the Equipment with Specifications	Quantity
1.	<p><b>DNA Separation system</b></p> <p><b>Specification:</b> - Horizontal and vertical electrophoretic separation system including electrophoresis unit along with power-pack.</p> <p><u>Horizontal system-</u> Unit should have UV transparent gel tray, gel casting system, single mold acrylic buffer tray unit with lid, analytical and preparative combs, option for adjustable height combs with comb holders and gel tank should not have joint</p> <p><u>Vertical system-</u> Mini electrophoresis unit should have integrated spacers with glass plates for ease of casting, modular system to support blotting and electro-elutions also in the same system, all standard accessories like comb, sets of glass plates –including both spacer plates, and short plates and different casting and running module.</p> <p><u>Power supply-</u> Programmable power supply that fits broadest range of application and it should be capable to operate four electrophoresis units simultaneously, able to provide constant current and voltage and automatic power up after power failure, output range should be up to 500 V.</p>	01
2.	<p><b>Refrigerated water bath</b></p> <p><b>Specification:-</b> Water bath should have plastic lid with stainless steel interior, built-in magnetic stirrer, device to provide stable thermoregulation when the set temperature is at least 5°C higher than the ambient temperature, independent timer with sound signal, simultaneous display of set and actual temperature, time and RPM, stainless steel bath capacity and digital temperature setting and LCD temperature display.</p>	01
3.	<p><b>PCR Machine with power backup</b></p> <p><b>Specification:-</b> Non-gradient thermal cycler should have 96 well (0.2 ml tubes) high speed silver block with gold coating for better temperature distribution, better temperature controlled accuracy, less than one hour standard run time for forty cycles, adjustable maximum ramp rate for fast heating and fast cooling, automatic restart ability after power failure and smart lid to avoid breakage of tube and sample evaporation. Machine should offer different block modules that can be quickly exchanged. Thermal cycler should be supplied along with a suitable brand UPS for atleast one hour backup.</p>	01
4.	<p><b>Gel Documentation system with software</b></p> <p><b>Specification:-</b> Gel documentation system suitable for visualization and documentation of ethidium bromide gels &amp; coomassie blue and silver stain stained gels. Equipment should have Monochrome 1/2'' CCD camera (Resolution 1280 x 1024 pixels, Bright manual zoom lens 8 - 48 mm), UV filter for ethidium bromide stains, LCD screen along with software for setting the integration time, show saturation, freeze and save image as TIFF, JPG or GIF file, print image, built-in drive for USB stick, network card, filter-slider, white light for easy gel positioning, safety interlock door for user protection</p>	01

	from UV exposure, gel viewing window and side-access doors for cutting gels. Equipment should have a suitable UV transilluminator and compatible desktop with printer.	
5.	<p><b>Deep freezer (-20<sup>0</sup>c) with stabilizer</b></p> <p><b>Specification:-</b> Deep freezer should be suitable for keeping reagents and samples at sub zero temperature. Equipment should have less power consumption to be supported by battery backup ((for at least three hours), programmable device for deep freezing (upto -36<sup>0</sup>C) even at ambient temperature, microprocessor based temperature and alarm control, at least two compartments and a mechanism to prevent unauthorized change to set temperature. Equipment should be supplied with a suitable brand stabilizer.</p>	01
6.	<p><b>Refrigerated table top centrifuge</b></p> <p><b>Specification:-</b> Refrigerated table top microprocessor controlled microcentrifuge having space saving compact design with temperature control device, standard rotor (for 2.0 ml tubes), adjustable rotational speed (around 14,000 rpm), less acceleration time to maximum speed and less braking time for maximum speed and device to maintain temperature of 4<sup>0</sup>C even at maximum speed.</p>	01
7.	<p><b>Pipettes</b></p> <p><b>Specification:-</b> Pipettes should have fully carbonated body, lower autoclavable part and minimum pipetting error. Pipettes should be chemically resistant, IVD approved, TUV awarded with four digits display, two button operation and variable or adjustable volume for the following range: 0.1 to 2.5µl, 0.5 to 10.0 µl, 2.0 to 20.0 µl, 10.0 to 100.0 µl, 20.0 to 200.0 µl, 100.0 to 1000.0 µl, 500.0 to 5000.0 µl, 1000.0 to 10000 µl.</p> <p>Eight channel pipettes should have the following range: 0.5 to10 µl, 10.0 to 100.0 µl and 30.0 to 300.0 µl.</p>	01
8.	<p><b>Gradient thermal cycler</b></p> <p><b>Specification:-</b> Thermal cycler should have 96 well (0.2 ml tubes) silver block with gold coating for better temperature distribution, temperature gradient, high speed with adjustable maximum ramp rate for fast heating and fast cooling, automatic restart ability after power failure and smart lid to avoid breakage of tube and sample evaporation. Machine should offer spreadsheet or graphical programming mode, view gradient temperature graph and different block modules that can be quickly exchanged. Thermal cycler should be supplied along with a suitable brand UPS for atleast one hour backup.</p>	01
9.	<p><b>Real time thermal cycler</b></p> <p><b>Specification:-</b> Real time thermal cycler should have 72 wells (for strip tubes) and 36 wells (for PCR tubes), better temperature uniformity, temperature resolution and temperature accuracy, zero second temperature equilibrium time, higher peak ramp rate for heating and cooling, optical system with high resolution melt curve analysis, separate channels (5 to 6), fixed optical path, separate high-power excitation LEDs and emission filters per channel, highly sensitive photomultiplier (PMT) detector with gain setting (sensitivity control)</p>	01

	and typical run time of less than one hour for forty cycles. Machine should accommodate recommended reaction volume rotor disc.	
10.	<b>Horizontal autoclave</b> <b>Specification:-</b> Rectangular bench-top autoclave with automatic temperature control system, self-test system before operation, self-test mode diagnose, fully automatic steam ejection and safety device containing safety valve for steam sterilization of glass wares and plastic wares.	01
11.	<b>UV Photometer</b> <b>Specification:-</b> UV photometer (along with compatible computer , software etc.) for purity determination and fast quantification of single-stranded and double-stranded DNA, single-stranded RNA and oligonucleotides and proteins. Equipment should occupy small space (bench top) and allow fast measurements in less than five seconds, automation in calculation of concentration with high precision (2nm) and greater reproducibility. Machine should have improved capability for proteins with low wavelength absorbance and sample volumes ideal for precious high concentration samples (as small as 0.5µl).	01

### **PROJECT CODE - B**

Sl. No.	Name of the Equipment with Specifications	Quantity
1	<p><b>Microprocessor controlled Gas Chromatograph with Flame ionization detector and Electron capture detector &amp; other accessories.</b></p> <p><b>Specification:-</b></p> <p>A. Oven temperature range: From 10<sup>0</sup>C above ambient to 450<sup>0</sup>C or better with provision of temperature programming.</p> <p>B. Injection port:03 (packed column injection port-02,Split/splitless capillary injection port-01)</p> <p>C. Detectors:02(Flame ionization detector-01,Electron capture detector-01)</p> <p>D. Electron pressure controller (EPC) for carrier gas.</p> <p>E. .Duel channel chromatography injection soft ware along with a compatible computer of latest configuration (Make-HP) with 17” TFT colour monitor, Printer and UPS etc.</p> <p>F. Accessories:</p> <p>i. Columns (Packed glass columns-02, Fused silica capillary column-01) suitable for acetylene reduction (ARR) analysis and pesticide analysis.</p> <p>ii. Syringes</p> <p>iii. Silica rubber Septa.</p> <p>iv. Spike filter.</p> <p>v. Other essential accessories.</p>	01

	<p>G. Gas purifier station: Complete with regulator, Pressure gauge, molecular sieve filters (03 Nos.), charcoal filters (03Nos.), Oxy trap (01 No.)</p> <p>H. Gas cylinders: Filled with high purity Nitrogen, Hydrogen, Zero air (one each of capacity-47 liters water) with necessary certificates.</p> <p>I. Double stage pressure regulators for Nitrogen, Hydrogen and Zero air (03 Nos.)</p> <p>J. 5.0 KVA ONLINE UPS with 30 minutes backup along with maintenance free batteries.</p> <p>K. Servo type Automatic voltage stabilizer (Capacity 5n KVA)</p> <p>L. Gas Generators:</p> <p>i. Air- Nitrogen combination generator</p> <p>ii. Hydrogen gas generator</p> <p>With all accessories for on line supply of gases during operation of the machine.</p>	
2.	<p><b>Fermenter</b></p> <p><b><u>Specification:-</u></b></p> <p>A.15 liters (Temperature,Speed,pH and air flow measurement and control system)</p> <p>B.20 liters(Temperature,Speed,pH and air flow measurement and control system)</p> <p>C. 50 liters(Temperature,Speed,pH and air flow measurement and control system)</p> <p>D.100 liters(Temperature,Speed,pH and air flow measurement and control system)</p> <p>(The fermentor must be of insitu autoclavable system)</p>	01
3.	<p><b>Digital pH meter</b></p> <p><b><u>Specification:-</u></b> pH range: 1 - 14 pH</p>	01
4.	<p><b>Grinder</b></p> <p><b><u>Specification:-</u></b> Chamber made of stainless steel. Chamber Size: 65X25 mm (operated With 0.5 HP Motor)</p>	01
5.	<p><b>Electronic balance</b></p> <p><b><u>Specification:-</u></b> Maximum capacity: 210 gm &amp; 410 gm (approx), Accuracy : 0.001 gm</p>	01
6.	<p><b>Fluorescent microscope</b></p> <p><b><u>Specification:-</u></b> Fluorescent microscope with colored microscopy camera with high speed USB data connection straight and image display System.EPI-LED illumination system.</p>	01
7.	<p><b>Lyophilizer</b></p> <p><b><u>Specification:-</u></b></p> <p>A. 3.25 liters (for six tests) with digital vacuum Indicator and transducer.</p>	01

<p>Microprocessor based digital temperature controller, microprocessor controlled automatic operation key for cooling, vacuum and drying process.(The machine should be highly efficient for the lyophilization of agriculturally important microbes)</p> <p>B. 5.25 liters (for 12 tests)</p> <p>C. Automatic Voltage stabilizer (5.0 KVA) - Servo type.</p> <p>D. Additional racks for freezing and drying the additional samples.</p>	
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### PROJECT CODE – C

Sl. No.	Name of the Equipment with Specifications	Quantity
1.	<p><b>Nucleic acid isolation &amp; purification system</b></p> <p><b>Specification:-</b> Number of samples: upto 10-12 samples per run. Should be an automated system for nucleic acid isolation, purifications &amp; analysis. Applications: isolation &amp; Purification of DNA and RNA from plant samples including disruption of plant samples such as leaves, seeds etc. It should also be able to perform isolation of Plasmid DNA from bacterial pellet, Purification of PCR amplified DNA;DNA purification from agarose gels. Should be able to extract recombinant protein, RNA cleanup from enzymatic reactions for array analysis, realtime RTPCR, Northern blotting etc. Cleanup of amplified DNA from enzymatic reactions for microinjection, microarray analysis, invitro transcription, sequencing, restriction digestion etc. Complete lysis of samples including cells and tissues on the worktable. Availability of new protocols free of cost. Should use worldwide proven silica membrane spin column technology for purifications.</p>	01
2.	<p><b>Thermalcycler /PCR machine</b></p> <p><b>Specification:-</b> 96 wells (0.2ml tubes), Silver block with gold coating for better temperature distribution, Automatic start after power failure, should be supplied with Suitable brand online UPS for more than 1 hour back up. High and adjustable ramping rate. High temperature control accuracy, System should have high performance smart lid to avoid breakage of pcr tube &amp; sample evaporation. Maximum temperature uniformity within minimum possible time temperature range of 3<sup>0</sup>C – 99<sup>0</sup>C, better memory and programming mode with password protection.</p>	01
3.	<p><b>Automated Nucleic acid separation system</b></p> <p><b>Specification:-</b> Should be fully automated Electrophoresis system to perform DNA, RNA and Protein electrophoresis. Fully automated priming and priming station for consistently preparing protein, DNA and RNA samples for the electrophoresis. Should be integrated with vortexing for precise mixing of samples, Resolution should be atleast 3 to 5 base pairs for DNA , System should have high sensitivity, minimum run time, able to separate and detect total DNA, RNA at nanogram and picogram level. Should posses user friendly fully automated data acquisition, analysis and display system. System should be attached with computer, monitor &amp; suitable printer.</p>	01
4.	<p><b>Deep freezer</b></p> <p><b>Specification:-</b> Should have less power consumption to be supported by battery</p>	01

	<p>back-up, Small system (for easy mobility) with around 100 L capacities. Should have back-up for at least three hours. Programmable for deep freezing (upto -86<sup>0</sup>C) in 1<sup>0</sup>c increments even at ambient temperature. Should have mechanism to prevent unauthorized change in set temperature.</p> <p>Microprocessor based temperature and alarm control. It should have at least two compartments.</p>	
5.	<p><b>Refrigerated micro-centrifuge</b>  <b>Specification:-</b> Refrigerated microprocessor controlled micro-centrifuge having space saving compact design with temperature control device, adjustable rotational speed (around 14,000 rpm), less acceleration time to maximum speed and less braking time for maximum speed. Machine should maintain minimum temperature even at maximum speed.</p>	01
6.	<p><b>Refrigerated table top centrifuge</b>  <b>Specification:-</b> High speed microprocessor controlled refrigerated table top centrifuge. Basic instrument should be quoted with one number each of 10 x 15 ml Falcon &amp; 6 x 50 ml Falcon (max RPM: 14,000) fixed angle rotors. Should have less acceleration time to maximum speed and less braking time for maximum speed. Machine should maintain minimum temperature even at maximum speed The centrifuge should have mechanism for rapid cooling process. Automatic motor driven lid lock with emergency lid lock release.</p>	01
7.	<p><b>Vortex Mixer</b>  <b>Specification:-</b> Low volume mixer with integrated vortex function incl. 3 tube holders: PCR 96, 0.5 ml, 1.5/2.0 ml. The instrument should have optimized mixing, anti-spill technology and mix-Control. There should be automatic imbalance detection and extremely quiet operation. Mixing frequency should be up to 3,000 rpm, Touch vortexing frequency should be not less than 3,500 rpm. Provided with adjustable mixing time setting.</p>	01
8.	<p><b>Adjustable Research micropipettes</b>  <b>Specification:-</b> Pipettes should be suitable for research work with adjustable volume, two button operation, three years warranty, having physiocare technology, lower part autoclavable, chemically resistant full polycarbonated body, four digit display, minimum pipetting error, IVD approved, TUV Awarded. Range: 0.1 to 2.5µl, 0.5 to 10.0 µl, 2.0 to 20.0 µl, 10.0 to 100.0 µl, 20.0 to 200.0 µl, 100.0 to 1000.0 µl, 500.0 to 5000.0 µl, 1000.0 to 10000 µl. Variable volume single channel electronic micropipettes.  Eight channel pipettes range: 0.5-10 µl, 10-100 µl, 30-300 µl,</p>	01
9.	<p><b>Water bath</b>  <b>Specification:-</b>  Stainless steel water bath with thermostat  Should have digital temperature setting  System should have built-in shaker  Should provide stable thermoregulation  Preferably it should have refrigeration  Temperature stability 0.1<sup>0</sup>C</p>	01
10.	<p><b>Freezer (-36<sup>0</sup>C)</b>  <b>Specification:-</b>  Should have less power consumption to be supported by battery back-up</p>	01

<p>Small system (for easy mobility) with around 100 L capacities. Should have back-up for at least three hours. Programmable for deep freezing (upto -36<sup>0</sup>C) Should have mechanism to prevent unauthorized change in set temperature. Microprocessor based temperature and alarm control. It should have at least two compartments. Should be supplied with suitable voltage stabilizer.</p> <p><b>Note: Wet demonstration is mandatory for installation of the equipments.</b></p>	
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### PROJECT CODE - D

Sl. No.	Name of the Equipment with Specifications	Quantity
1.	<b>Conductivity meter</b> <u>Specification:-</u> Digital, Cell type, Microprocessor based with RS- 232 Port (External printer attachment)	01
2.	<b>Hot air oven</b> <u>Specification:-</u> 200-250 liters capacity, Micro processor controlled.	01
3.	<b>Deep freezer</b> <u>Specification:-</u> Vertical type deep freezer (Quick) 250-300 liters, Ambient to - 20 <sup>o</sup> C.	01
4.	<b>Ultra centrifuge</b> <u>Specification:-</u> 16000-20,000 rpm, Variable speed facility, Rotor head of 0.5 ml tube capacity.	01
5.	<b>Water purification system</b> <u>Specification:-</u> Flow rate- 1.5-2.0 liter/hr. capacity.	01
6.	<b>Vertical gel electrophoresis system</b> <u>Specification:-</u> With digital display power pack for Gel size 16 x 14 cm with accessories.	01
7.	<b>Horizontal gel electrophoresis system</b> <u>Specification:-</u> Different gel platform size with UV transparent gel casting tray & appropriate power supply.	01
8.	<b>Ice maker (Ice flaking machine)</b> <u>Specification:-</u> Ice flaking machine capacity-30 - 50 Kg/24 hrs.	01
9.	<b>Root sampling device</b> <u>Specification:-</u> Bi-Partite root auger, standard set for sampling to a depth of 2.0 m	01
10.	<b>Root length measuring system</b> <u>Specification:-</u> System to scan and measure rice roots using suitable software.	01
11.	<b>Vaccum emasculator</b> <u>Specification:-</u> Standard type.	02

12.	<b>Rice grader</b> <b>Specification:-</b> With three screens having capacity of 25-40 Kg/hr.	01
13.	<b>Rice dehusker</b> <b>Specification:-</b> Pneumatic type, capacity - 40-50 Kg/hr.	01
14.	<b>Rice polisher</b> <b>Specification:-</b> Capacity 1 ton/hr., 10 KW machine and 2.5 KW blower.	01
15.	<b>Rice miller</b> <b>Specification:-</b> MC-GILL type for testing colour and milling quality of paddy samples.	01
16.	<b>Image analyzer</b> <b>Specification:-</b> Stereo zoom Binocular microscope with head containing photo micrograph set with digital CCD camera of any standard make with Photo micrographic optical adapter and all camera accessories including original photo editing CD with supporting software.	01

### **PROJECT CODE - E**

Sl. No.	Name of the Equipment with Specifications	Quantity
1.	<b>Differential Global positioning system (DGPS)</b> <b>Specification:-</b> High accuracy (<1m) with rechargeable lithium batteries with >25hr. life, external antenna for farmers field survey, compatible with office computer and laptop, accessories like plastic solar panel.	01
2.	<b>Global Positioning System (GPS)</b> <b>Specification:-</b> High accuracy (<1m) with rechargeable lithium batteries with >25hr. life, external antenna for farmers field survey, compatible with office computer and laptop.	01
3.	<b>Palm top</b> <b>Specification:-</b> Wide touch screen with cradle, connecting wire and other accessories, compatible with office desktop and laptop.	02
4.	<b>GIS-accessory</b> <b>Specification:-</b> GIS Capable Computer or laptop, speed $\geq 1.6$ GHz , processor P4 or Xeon, HD $\geq 250$ GB, RAM $\geq 2$ GB, Screen resolution 1024x768 or higher at 96 dpi with printer, scanner, Pocket GIS software and UPS for GIS work.	02
5.	<b>Laser Range finder (LRF)</b> <b>Specification:-</b> Long distance measurement up to 1.5 km, accuracy within 1 m. auto calibration, waterproof , LCD display, user selectable in m, cm, feet, eye safe laser and other accessories	02
6.	<b>Refractometer</b> <b>Specification:-</b> Digital, Hand held sugar refractometer, Reading 0-90% brix, Resolution 0.1% brix	04
7.	<b>TDR</b> <b>Specification:-</b> With other accessories including salinity sensor and temp.probe.	01

8.	<b>Nitrogen Analyser</b> <b>Specification:-</b> Automatic Nitrogen Estimation System with macro and micro block digestion and distillation system and accessories.	01
9.	<b>Spectrophotometer</b> <b>Specification:-</b> UV-VIS Spectrophotometer having Digital display system, optical system double beam with microprocessor.	01
10.	<b>Flame photometer</b> <b>Specification:-</b> Microprocessor based digital flame photometer, display system.	01
11.	<b>Soil sampler and its accessories</b> <b>Specification:-</b> It includes Regular augers, Mud augers, Sand augers, Flighted screw augers, Soil probes, Penetrometer, Munsell soil colour chart, Stainless steel/Brass soil sample liners, Plastic end caps, Taflon tape, Mixing bowls, Scoops, Soil profiler etc.	03
12.	<b>Soil testing kit</b> <b>Specification:-</b> Portable soil testing kit for on spot soil testing in the farmers field, easy in handling.	04
13.	<b>Particle size analyser</b> <b>Specification:-</b> For particle size analysis of soil (range <0.002mm to 2 mm)	01
14.	<b>Seed germination tester</b> <b>Specification:-</b> 120 L seed germination tester with accessory.	01
15.	<b>BOD Incubator</b> <b>Specification:-</b> Capacity : 200 L (approx), double walled, inner chamber made of stainless steel with digital temperature controller. Temp. range: 5-60 <sup>0</sup> C ± 0.5 <sup>0</sup> C. Environment friendly (CFC free) refrigerant. Complete set with Internal illumination with three fluorescent tubes, Timer, Automatic voltage stabilizer (3 KVA).	01
16.	<b>TDS meter</b> <b>Specification:-</b> High accuracy with digital display system with facility for auto. Temp. compensation and digital cell constant adjustment.	01
17.	<b>Semen storage freezer</b> <b>Specification:-</b> 15 L with other required accessories.	01
18.	<b>GIS software</b> <b>Specification:-</b> Integrated software for mapping, survey, geo-referencing, merging of map, thematic map preparation, handling of large no. of attribute data, RS data analysis etc and license for two institutions.	01
19.	<b>Vet Scan for blood parameter</b>	01

## Terms & Conditions:

1. Rates quoted should be FOR Pusa (Samastipur) inclusive of packing, forwarding, insurance, transportation, and installation etc.
2. Sales Tax/ VAT should be indicated separately.
3. The supplier should mention their Sales Tax/ VAT No. & TAN No.
4. (A) Excise duty, if any, should clearly be indicated. If included in the cost, the excise duty component should be indicated separately, as the university is exempted from imposition of excise duty for certain goods, with respect to research and teaching purposes.  
(B) The University is also entitled for custom duty exemption on import of stores for research/teaching purposes. In such cases the special conditions/codal formalities of import are to be observed.
5. The quotations should be submitted in a sealed cover separately for each Project Code in two bid system namely (A) Technical bid and (B) Financial bid duly superscribed **“Quotation for Laboratory Equipments (Project Code No. \_\_\_\_ ) Due on 16.02.2010”** to Associate Director Research (Head Quarter) & Nodal Officer, R.A.U., Pusa (Samastipur) – 848 125, Bihar.  
Separate sealed envelope should be submitted for separate Project code, and all the sealed envelopes of technical bid and financial bid (Project code wise) should be put in a bigger envelope duly sealed and superscribed.
6. The firms should enclose photocopy of ISO certificate/Authorized dealership certificate.
7. Technical bid must consist of the followings:
  - A. Catalogue of the equipment.
  - B. VAT No. / TIN No. mentioned clearly and Xerox copy of latest Sales Tax & Income Tax clearance certificate.
  - C. List of user / purchaser with detail addresses.
8. The rates quoted shall be valid for 90 days from the date of opening of quotation.
9. The number of equipments may increase or decrease depending upon the requirement.
10. In case of supply order, the date of delivery as specified in the supply order should strictly be adhered to otherwise University will have full right not to accept the delivery in part or full.
11. The payment will be made through account payee Bank Draft only after supply and successful installation as well as demonstration of equipments.
12. The University reserves all rights to reject/cancel any or all quotations received without assigning any reason.
13. In case of any dispute, the matter shall be referred to the Vice-Chancellor, R.A.U., Pusa (Samastipur) being sole arbitrator, whose decision shall be final and binding on both the parties. All purchase should be subject to Jurisdiction of Patna High Court only.
14. If necessary, a brief presentation may also have to be made before the experts/Committee members as constituted by the Vice-Chancellor RAU, Pusa (Samastipur), Bihar.