



कार्यालय भण्डार क्रय अधिकारी

चन्द्रशेखर आजाद कृषि एवं प्रौद्योगिक विश्वविद्यालय, कानपुर-2

अल्पकालीन निविदा सूचना:

विश्वविद्यालय उपयोगार्थ Pumping Set, Backhoe loader, Drip Set, AMC of networking, LCD, Spectrophotometer, Conductivity meter, Analytical balance, Incubator B.O.D., Portable photosynthesis system, Automatic Nitrogen estimation system, Thermal cycler, Humidity controlled growth chamber, Gel documentation system, Disc harrow, Reaper, Power thresher, Seed drill, Altinator, Answer book paper etc. उपकरणों/कृषि यंत्रों/विविध सामग्री की आपूर्ति हेतु अधिकृत विक्रेताओं/निर्माताओं से मुहरबन्द निविदायें आमंत्रित की जाती हैं। निविदा सम्बन्धी समस्त सूचनायें कार्यालय से कार्य दिवस में प्राप्त की जा सकती हैं। मानक सम्बन्धी एवं अन्य जानकारी के लिए विश्वविद्यालय की वेबसाइट: <http://csauk.ac.in> देखी जा सकती है।

निविदा प्रपत्र का मूल्य निविदा प्रपत्र का मूल्य रू0 300/- नकद अथवा अर्थ नियंत्रक, सी0एस0आजाद कृषि एवं प्रौ0वि0वि0,कानपुर के नाम रू0 350/- के बैंक ड्राफ्ट से डाक द्वारा प्राप्त किया जा सकता है।

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|---|------------------------------------|---|
| 1 | निविदा प्राप्त करने की अन्तिम तिथि | दि0 10.02.2010 अपरान्ह 1.00 बजे तक |
| 2 | निविदा जमा करने की अन्तिम तिथि | दि0 10.02.2010 अपरान्ह 2.00 बजे तक |
| 3 | निविदा खोलने की तिथि | http://csauk.ac.in वेबसाइट पर उपलब्ध है। |

सम्पर्क:- 0512-2534156

भण्डार क्रय अधिकारी

Tender No. SPS : 33 /2009-10

Dated : March 09 , 2010

S. N.	Units	Specification
1	Tractor Trolley (5Nos.)	10'x6'x2', Bottom 4 mm, side 3 mm sheet, कमानी 1m x 80mm x 13 mm of 20 leaves, 75 x 40 mm channel, 200 x 75 mm chassis, Axle 90 mm x 1880 mm ट्राली का कुल वजन लगभग 12 कुन्तल हो।
2	Disc Harrow (10 Nos.)	Mounted type, 16 disc frame 75x10 mm, main angle with 100 x 50 mm, main channel, pipe central square, solid Bar of 28 mm, spool bracket 65 x 16 feet, 50 x 16 rear height 23", length 78" width 26".
3	Cultivator (10 Nos.)	11 tyne, 65 x10 mm, frame, profile cut single piece 25 mm 4" longer , taller angle bracket 65 x 10 mm, shovels En-45 (8mm), frame Bolt 12 x 100 mm, 3 point linkage 65 x 16 front, 50 x 16 rear height 23", length 78", width 26"
4	Leveler (1 Nos.)	Heavy duty, frame 50 x 10 mm, width 24" thickness of plate 10 mm. Blade 10x7 mm, linkage 65' x 16 mm central support 2 No. 45 x 5 mm angle leveler pin 28 mm (sail steel) weight 140 kg.
5	Power thresher (5 Nos.)	35 HP, (Hadamba) EH 8 metal beater, 42-J blade, main shaft 3.8 metal 63 mm diameter, tractor driven
6	Reaper (5 Nos.)	Power reaper with 3.8 HP Engine petrol/diesel , single cylinder, four stroke, side view, air cooled, two geared, can work in dry and wet field. Reciprocating knife bar with cutting adjustable 10-30 cm from ground, 120 cm cutting width. Reaper should be applicable to 60-120 cm plenty height.
7	Ferti-seed drill (13 Nos.)	9 tyne and 11 tyne, khurei type
8	Altinator (7 Nos.)	Tractor driven 30 KVA AC Altinator 3 phase BRUSHLESS AVR type,1500 rpm, Kirlosker/Eicher etc. with standard Accessories (Frame) Pulley Belt P.T.O. shaft system.
9	Pumping Set (20 Nos.)	10 H.P. 4"X4" with Trolley (driven by tractor) Kirlosker or Equivalent

Tender No. SPS : 34 /2009-10

Dated : March 09 , 2010

1	रोटोवेटर: साइड चैन ड्राइव साइड गेयर ड्राइव	मात्रा 10 10	Side plat, One side (10mm) & second side (8mm) Apx. Steel sheet H.R. 4 mm, square pipe 60x60x6mm. Simple pipe (Rotar) 80mm x 10 mm (thickness). Circle 240x12mm. Blade 85x7 mm., Mounted 12x65 mm. O.E. gears, nut bolt high tensile branded. High quality bearing. Weight in 2.00 Mtr (7 Ft), 500 kg (Appx). Propeller shaft with sheer bolt. Length 2/2.25 Mtr, Blade 48/54
2	मल्टीक्राप थ्रेसर	6	मल्टी क्रप थ्रेसर 25 एचपी0 (सोनालिका मेक अथवा अन्य कोई अच्छी गुणवत्ता वाला में) गेहूँ, चना, मटर, राई फसलों की जाली व छन्ना सहित।
3	रिज मेकर	6	2" एंगिल, डब्ली टाइप फ्रेम, 4" ए ब्लेड, 22" ऊँचाई, लम्बाई 4', शीट से बना।
4	ग्रेविटी सेपरेटर	1	Capacity 4.00 Tons/hour. Specially meant for upgrading of the product quality i.e. seed/grain etc. by separating the impurities, difference on basis of specific gravities. Quick assemble deck type arrangement with dynamically balanced 5 fan unit with controls to adjust air flow as well as air pressure, air pressure and air control should be adjustable.
5	हैरो	15	एंगिल 100 x100x 8mm(asp.) फ्रेम साइज, डिस्क 24", स्पूल 4.50 से 5.00 किग्रा. व्हील 14 x 3" वजन लगभग 14 डिस्क 4.50 से 5.00 कु0, 16 डिस्क वजन 5.00 से 5.25 कु0, ट्रेलिंग सिस्टम विद व्हील, बूस/बियरिंग सिस्टम
6	कल्टीवेटर	15	एंगिल 65x65x6mm बाक्स फ्रेम, टाइन-फोरेजिंग टाइप मोटाई 25x25mm स्पेशल स्टील स्प्रिंग/फिक्स एंगल जोडा 50x6mm (minimum) सोवेल्स-हाईकार्वन स्टील 8 एम.एम, फ्रेम बोल्ट 12x100mm, 3 point Linkage-50x16 Rear Height, Length-102", weight-225 kg (Apx.) 11 Tines

Tender No. 35

Dated: March 09, 2010

Backhoe Loader (One)

Specifications:-

Engine : 96 or equivalent H.P diesel engine of four cylinder water cooled with turbocharger ,
Transmission : 4 speed gear box fully syncromesh , **Tyres :** Heavy duty (16ply rating),
Loader : 1.2 cu. m (Approx)Loader bucket opening type Jaw , **Excavator (backhoe):** 17 ft. length (Approx), best hydrolic system suitable to above machine .

Tender No. 36

Dated: March 09, 2010

MOBILE SEED PROCESSING UNIT

Capacity: 1 Ton/Hr (Based on Wheat at 12% moisture content and 10% impurities)

The unit should capable of grading of all crop seeds such as wheat, corn, beans, barley, soybean, safflower, sunflower, maize, paddy, pulses, oil seeds etc.

The Mobile Seed Grading Unit shall consist of:

Cap : 1 Ton/Hr. based on wheat. Capable of removing dust, chaff, mud balls, oversize, undersize impurities from raw seed lot. With two flaqt oscillating screens perforation cleaning of top screen by beaters and bottom screen by nylon brushes, double aspiration, variable shoe shake, 5 HP motor, 440V, Kirloskar/Crompton/Equiv. Screen size top: 66X74.5 cms., bottom: 66X130 cms. Regulated feed hopper with feed roller, dynamically balanced fan, air chamber, screen deck and spouts are self cleaning type.

Indented Cylinder Grader of matching capacity should be attached to seed grader as a built-in unit for grading according to length. With single rotating cylinder, of size 1255X475 (LXdia) mm attached to the seed grader but operated by an independent drive, with quick interchangeable indent segment, provided with variable rotational speed arrangement for cylinder, adjustable angle through cylinder for receiving cut /broken grain. Complete with 1 HP electric motor suitable for 440 V, Kirloskar/Crompton/Equiv.

A cyclone dust collector to b attached to the machine for collecting dust, chaff, light impurities etc.

DIESEL GENERATING SET OF 15 KVA for operating the above quoted Mobile Plant is required. Please note that this Gen. Set should be of silent/canopy type.

A Central Electric Control Panel for manual operation should be Mounted on Mobile Seed Grading Unit. The panel should be equipped with main on/off switch, voltmeter, change over switch, ammeter, phase indicators, emergency switches motor, contactors with protective relays and fuses etc.

Above machine shall be mounted on a strong and sturdy 4 wheel mobile trolley to be attached to a tractor, Maximum towable speed is 20-25 KMPH. Adjustable heavy duty type screw jacks are provided for leveling and for absorbing vibration during operation.

The trolley should be fitted with road working and emergency lights, pivoting front axle, product discharge and rejects discharge spouts fitted with bag holding clamps, one spare wheel, tool box and set of tools for ordinary repair and maintenance.

Tender No. 37

Dated: March 09, 2010

Drip set (Two) :

Specification :

PVC pipe IS4985, lateral (Polytube) IS 12786, drippers/Emitters IS 13487, Screen filter 25 m² cu, IS 12785, Sand filter 30 m²/hr. IS 14606, PVC fitting IS 7834, Area 1.0 ha Vegetable crops (Crop Spacing 50 cm x 50 cm), fertigation tank 30 lit. capacity, inline.

Item No.-2

1. Linseed fibre scatching maxhine (with 5 sets roller including 10) – 1 No.
2. Fibre cleaning Maching – 1 No.
3. Linseed Fibre Strength tester – 1 No.
4. Linseed Fibre Finess tester – 1 No.

Tender No. 38

Dated: March 09, 2010

1. **INFRARED THERMOMETER** –Features advance 10:1 optics that allows the measuring of smaller objects from a longer distance, a temperature range – 30 to 500 °C
 - **Description :** Prob 6, Rang – 30 to 500 °C
 - **Resolution :** to 1 > 1% of reading or+1 °C
 - **Accuracy :** +/1 °C from 30 °C,+1.5% of reading or 1.5 °C whichever is greater.
 - **Response time :** 500 mses, 95% response.
 - **Emissivity :** 0.95 Fixed.
 - **Laser Sighting :** Single Point, Offset Class II
 - **Distance to target :** 10:1 Ratio.
 - **Display :** LCD with Backlit.
 - **Power :** One 9 Battery included.
 - **Battery Life :** 12 Hours.
 - **Size :** 4'X6''X1/2''
2. **LCD Projector 4000 Lumens**
1024 x 768 x GA Projector (One)

Tender No. 39

Dated: March 09, 2010

AMC for Refrigerator, Windows AC, Split AC, Water cooler.

1	Refrigerator	94	Of different specification installed in different department
2	Window AC. With Stabilizers	144	Of different specification installed in different department
3	Split AC. with Stabilizers	53	Of different specification installed in different department
4	Water Cooler	33	Of different specification installed in different department

Terms & Conditions :

1. Firms are required to submit the sample of spares/accessories used for the AMC at University Engineering Department.
2. Concerned firm must have at least 8-10 years experience in dealing with the AMC work. In support, the firm has to enclose in certificates of working with 3-4 Government Organizations for 7-8 years University Engineering Department.
3. The concerned firm must have a registered office /workshop at Kanpur with at least 8-10 experienced Service Engineers. The committee will visit the firms workshop before issuing AMC University Engineering Department.
4. The firm must have ten years of establishment University Engineering Department.
5. The firm has to attend the call within 24 hours and definitely have to repair it within days. Failing which Rs. 100/- per day will be deducted from the bills of the firms till the date of repair of the particular item. If the complain comes from 2-3 officers at a time the same procedure will be adopted separately University Engineering Department.
6. All replacements for defective compressor of AC, Refrigerator and Water Cooler, hard disk of computers etc. shall be accompanied by certificate from the original compressor manufacturer to the effect that it is repaired at their authorized service centre University Engineering Department.
7. The AMC will be affected up to 31.3.2011.

Tender No. 40

Dated: March 09, 2010

AMC for Photocopier, Fax machine and UPS

1	Photocopier	29	Of different specification installed in different department
2	Fax machine	08	Of different specification installed in different department
3	UPS	218	Of different specification installed in different department

Terms & Conditions

1. Firms are required to submit the sample of spares/accessories used for the AMC at University Engineering Department.
2. Concerned firm must have at least 8-10 years experience in dealing with the AMC work. In support, the firm has to enclose in certificates of working with 3-4 Government Organizations for 7-8 years.
3. The concerned firm must have a registered office /workshop at Kanpur with at least 8-10 experienced Service Engineers. The committee will visit the firms workshop before issuing AMC.
4. The firm must have ten years of establishment
5. The firm has to attend the call within 24 hours and definitely have to repair it within days. Failing which Rs. 100/- per day will be deducted from the bills of the firms till the date of repair of the particular item. If the complain comes from 2-3 officers at a time the same procedure will be adopted separately.
6. All replacements for defective compressor of AC, Refrigerator and Water Cooler, hard disk of computers etc. shall be accompanied by certificate from the original compressor manufacturer to the effect that it is repaired at their authorized service centre.
7. The AMC will be affected up to 31.3.2011.

Tender No. 41**Dated: March 09, 2010**

AMC for Computer with accessories, LCD Projector, Laptop, printers, Scanners and Local Area Network (LAN) and its devices for Internet Connectivity in the University Campus

1	Computer with accessories	276	Of different specification installed in different department
2	LCD Projector	29	Of different specification installed in different department
3	Laptop	45	Of different specification installed in different department
4	Printers	162	Of different specification installed in different department
5	Scanners	41	Of different specification installed in different department

The details of Tender document (Technical) are as under:

1. **250 no. of computers** in Network through CAT 5/6 and fiber optical cable/wireless which needs to be entering in Annual Maintenance Contract for troubleshooting of IP based connectivity and replacement of faulty connector.

2. Details of LAN and Network Devices (on Comprehensive basis)

S.No.	List of devices/equipment of LAN	:	Number /Quantity
1	Network management of computers on cat fiber, wireless AMC for 2010-11	:	250
2	Server on Linux		02
3	8 Port Switch 10/100	:	32
4	16 port switch 10/100	:	03
5	24 port switch 10/100	:	04
6	Layer 2 switch Gigabyte	:	06
7	Layer 3 switch Gigabyte	:	01
8	Media Converter 10/100	:	10
9	Wireless AP switch 10/100	:	10
10	Motorola canopy AP	:	11
11	Tower with Carob	:	500 ft.
12	Maintenance of optical Fibre Cable with all accessories including LIU and splicing	:	4500 m

Terms & Conditions

1. Firms are required to submit the sample of spares/accessories used for the AMC at University Engineering Department.
2. Concerned firm must have at least 8-10 years experience in dealing with the AMC work. In support, the firm has to enclose in certificates of working with 3-4 Government Organizations for 7-8 years.
3. The concerned firm must have a registered office /workshop at Kanpur with at least 8-10 experienced Service Engineers. The committee will visit the firms workshop before issuing AMC.
4. The firm must have ten years of establishment
5. The firm has to attend the call within 24 hours and definitely have to repair it within days. Failing which Rs. 100/- per day will be deducted from the bills of the firms till the date of repair of the particular item. If the complain comes from 2-3 officers at a time the same procedure will be adopted separately.
6. All replacements for defective compressor of AC, Refrigerator and Water Cooler, hard disk of computers etc. shall be accompanied by certificate from the original compressor manufacturer to the effect that it is repaired at their authorized service centre.
7. The AMC will be affected up to 31.3.2011.

MICROPROCESSOR CONTROLLED AUTOMATIC FREEZING POINT OSMOMETER

Technical Specifications :

) Should be based on cryoscopic principle of measurement, with a measuring time of less than a minute

) The minimum sample volume should be about 50 μ l

System should have automatic calibration facility and calling for less frequent calibration cycles.

Machine should be ready in less than three minutes from cold start, to handle urgent samples.

Machine should incorporate automatic initialisation of crystallisation for excellent precision in results

The instrument should have facility for automatic determination and digital display of results.

Measurement range should cover 0 to 3000 mOsmol/kg and the machine should be capable of measuring with a resolution of 1.0 mOsmol/kg over the entire range

The measurement reproducibility should be less than $\pm 1\%$

The calibration should be easy to perform and remain constant for a long period of time.

LCD :- 1No.

Specifications

Power supply	100-240 V AC, 50/60 Hz	
Power consumption	240 W (Approx. 4 W in standby mode with fan stopped)	
LCD panel	4:3 aspect ratio	
Panel size	0.6' (15.24 mm) diagonal	
Display method	Transparent LCD panel (x 3, R/G/B)	
Drive method	Active matrix	
Pixels	786,432 (1,024 x 768) x 3, total of 2,359,296 pixels	
Pixel configuration	Stripe	
Lens	Manual zoom (1:1-1:1.2), manual focus, F 1.6 -1.9, f 18.8- 22.6 mm	
Lamp	165 W UHM™ lamp	
Colors	Full color (16,777,216 colors)	
Brightness	2,000 lumens	
Contrast	400:1** (full on/full off)	
Scanning frequency	Horizontal: 15-91 kHz, Vertical: 50-85 Hz	
RGB	480i (525i): fh 15.75 kHz; fv 60 Hz, 480p (525p): fh 31.5 kHz; fv 60 Hz	
YPbPr	576i (625i): fh 15.63 kHz; fv 50 Hz, 576p (625p): fh 31.25 kHz; fv 50 Hz 720p (750p): fh 45 kHz; fv 60 Hz, 1080i (1125i): fh 33.75 kHz; fv 60 Hz, 1080i (1125i): fh 28.125 kHz; fv 50Hz	
S-Video/Video	NTSC, NTSC4.43, PAL-M, PAL60: fh 15.75 kHz; fv 60 Hz, PAL, SECAM, PAL-N: fh 15.63 kHz; fv 50 Hz	
Projection size	33-300 inches/838-7,620 mm diagonally	
Throw distance	1.1 m-11.1 m (3'7"-36'5")	
Optical axis shift	6:1 (fixed)	
Keystone correction range	Vertical: ±30°	
On-screen menu	17 languages: English, French, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and Thai	
Installation	Front/rear ceiling/desk (menu selection)	
Built-in speakers	4 x 2 cm x 1 (oval), 1.0 W (monaural) output power	
Terminals		
COMPUTER 1 IN	D-sub HD 15-pin x 1	
COMPUTER 2 IN/1 OUT	D-sub HD 15-pin x 1 (input/output selectable using on-screen menu)	
VIDEO IN	RCA pin x 1	
S-VIDEO IN	Mini DIN 4-pin x 1	
AUDIO IN	RCA (L-R) x 1 (for VIDEO/S-VIDEO)	
COMPUTER AUDIO IN	M3 (stereo) x 1 (for COMPUTER 1 and COMPUTER 2)	
VARIABLE AUDIO OUT	M3 (stereo) x 1	
SERIAL	Mini DIN 8-pin x 1 (RS-232C)	
Power cord length	2 m (6'7")	
Cabinet material	Moulded material (PC + ABS)	
Dimensions**2 (W x H x D)	297 x 57 x 210 mm (11-11/16" x 2-7/32" x 8-1/4")	
Weight	1.9 kg (4.2 lbs.)	1.8 kg (4.0 lbs.)
Operating environment	Temperature: 0°-40°C (32°-104°F), Humidity: 20%-80% (no condensation)	
Remote Control Unit		
Power supply	3 V DC (AA battery x 2)	
Operation range**3	Approx. 15 m (49.2 feet) when operated from directly in front of the signal receptor	
Dimensions (W x H x D)	48 x 163 x 24.5 mm (1-7/8" x 6-13/32" x 31/32")	
Weight	117 g (4.1 oz) (including batteries)	
Wireless LAN	IEEE802.11b/g	
Supplied accessories	Power cord, Wireless remote control, Batteries for remote control, VGA cable, Carrying bag, Wireless Manager ME 4.5 (CD-ROM)	Power cord, Wireless remote control, Batteries for remote control, VGA cable, Carrying bag
Optional accessories	ET-LAB50 Replacement lamp unit, ET-PKB50 Ceiling mount bracket ET-ADSER Serial adapter (DIN 8-pin/D-sub 9-pin)	

TERMS & CONDITIONS FOR TENDER NO 33 to 41

1. The offers from the manufactures/authorized dealers shall only be accepted. The tendering firms must be registered under U.P. Trade Tax Act.
2. All the documents enclosed with the tender must be signed by the authorized representatives of the firm with his/her name, designation and official seal. A list of all the duly signed documents must be enclosed with tender also.
3. The following documents must be submitted along with their offers otherwise their offers would be rejected out rightly:
 - (a) Trade Tax Registration Certificate.
 - (b) Trade Tax Clearance Certificate of last financial year.
 - (c) Authority letter of the manufacturer for dealership.
 - (d) Printed pamphlets of the equipments/machines/apparatus.
 - (e) Other relevant documents required for the University would also be submitted by the tendering firms without any ifs and buts.
4. The tenders must be enclosed in properly sealed envelop containing 'Original' and 'Duplicate' inscribed separate envelopes. Original and Duplicate words must be inscribed on the right hand side of the envelope. Tenders shall be rejected out rightly if duplicate copy of tender is not enclosed in separate envelope. 'Original' and 'Duplicate' inscribed envelopes must contain 'Technical' and 'Financial offers in separate envelopes which must specify the tender notice number and date of submission on the envelop.
5. The 'net prices' of the materials inclusive of all accessories shall only be quoted in the tender and no word like discount etc. should be mentioned. The percentages of Trade Taxed must be separately mentioned.
6. All the tenders shall have to give certificate to the effect that quoted prices in the tenders are not higher than the prices quoted for the same in other organizations within six months.
7. The University reserves the right to cancel the orders issued in favour of any firms (s) if the unexpected differences in the quoted prices in the tender and the market prices are observed till date of payment of the bill in question.
8. Incomplete offers shall be rejected out rightly and no condition other than given in the tender shall be accepted by the University.
9. The University reserves the right to accept or reject any or all the offers without assigning any reason.
10. The quantity of goods may be increased/decreased according to requirement.
11. The University reserves the right to put such firms blacklisted forever in future and security money would be forfeited if :
 - (a) They are found guilty of quoting unexpectedly high prices in comparison to prevalent market prices of the goods.
 - (b) The goods not delivered within forty five days after date of issue of purchase order.
 - (c) The goods supplied is not of mentioned specification.
12. The University reserves the right to deduct sum of one per cent of the value of the said goods materials for each and every day up to 30 days after expiry of allotted time of delivery, if delivery is not made within allotted time period.
13. All the goods delivered shall be accepted only after found in good condition in inspection by the committee constituted for the purpose. Properly sealed and packed goods shall only be accepted.
14. The demonstration of equipment/apparatus would be made by the Firm in the University before the purchase committee within the stipulated time. Failing with the tender would be rejected.
15. The Tenderers should also be quoted in **Indian currency for foreign** equipments.

Store Purchase Officer