

**UTTAR BANGA KRISHI VISWAVIDYALAYA,
PUNDIBARI: COOCH BEHAR.**

Inviting Quotation

Tender No. UBKV/ 03 /2010(MSP) Date: 02.03.2010

ICAR Seed Project

The University is willing to purchase some Agriculture implements, instruments, Equipment etc. Interested person may contact the office of the Registrar for further details on all working days during office hours and submit their quotations for the particular item(s).

Last date of submission of quotations is **12.03.2010 up to 4.00 P.M.**

Terms & conditions:

1. **Quotations must be submitted in a sealed cover with broad heading mentioning name of the article with serial number separately on the top of the Envelop.**
2. Rates should be quoted in order of serial numbers of articles mentioned in the list provided.
3. Rate should be quoted with all applicable taxes, duties and incidental charges (including clearing agent cost if applicable) per item basis.
4. CST, other taxes and VAT to be charged as per norms should be specifically mentioned.
5. Guarantee period for each item and nature and period of after installation/Sales and service facilities should be mentioned clearly.
6. More than one specification for a single item may be mentioned with rate.
7. Copy of current tax clearance certificate (Income tax/Sales Tax/Professional Tax) and **Current Dealership /Manufacturing/SSI certificate** should be attached with quotations.
8. **The materials must be delivered at site by the Supplier at their own cost and responsibility.**
9. The University reserves the right not to accept the rate even from the lowest bidder / supplier.
10. The University reserves the right to reject or accept any or all tenders without giving any reason whatsoever.

Date 02.03.10

Dr 02/03/10
Registrar

Details Specification of Equipments / Implements

Sl. No.	Name of Farm Implements/Machineries	Details Specification	Approx. Price (Rs.)
1.	Chiseler	Central Institute of Agricultural Engineering (CIAE), CIAE Product, ICAR	
2.	Chopper	Central Institute of Agricultural Engineering (CIAE), CIAE Product, ICAR	
3.	Combine Harvester	CIAE Product, Bhopal, ICAR i. Operating width-1.5 to 2.0 m ii. To be operated by 45-60 HP tractor	
4.	Combined power thresher	CIAE Product, Bhopal, ICAR , Power required 20-25 HP	
5.	Cultivator	CIAE Product, Bhopal, ICAR, Code: EC-IC-06/rigid tyne -11-13 tynes	
6.	Drum Seeder(eight rows)	CIAE Product, Bhopal, ICAR 4-row/6-row/8-row-metalic body or plastic body	
7.	Furrow irrigated raised bed planting system	CIAE Product, Bhopal, ICAR	
8.	Groundnut Digger & Turmeric Digger	CIAE Product, Bhopal, ICAR	
9.	Intercultural equipments (Wheel hoe/ Inter row cultivator/ Self Propelled Power Weeder/ Single row Cono weeder/ Single row Cono weeder (Improved)/ Rotary weeder/ Roto-till drill etc.)	CIAE Product, Bhopal, ICAR Code: EC-IC-01, IC-02, IC-03, IC-04, IC-05, IC-06	
10.	Land leveller	CIAE Product, Bhopal, ICAR a. Semi-mounted type with 3-point hitch system- Blade size: 8' b. Trailed or pulled type (with remote hydraulic cylinder for depth control) Blade size -5'8"	
11.	Laser land leveller	A. Scraper Bucket : Frame : 50 x 10 mm Angle. 125 x 65 mm Channel box. Center Support : 125 x 65 mm Channel. Sheet : 10 mm. Blade : 100 x 10 mm. Draw Bar : 75 x 40 mm Channel Box. Hydraulic Cylinder : 2 Ton (capacity). Height : 600 mm. Width : 2 mtr. Tyre Set : 65x8 mm box with tyre. (with taper roller bearings). B. Machine Control System (Receiver) : To be mounted on Tractor	

Sl. No.	Name of Farm Implements/Machineries	Details Specification	Approx. Price (Rs.)
		<p>1. Laser Sensor (receiver) with carry case to be mounted on a mast directly above bucket</p> <p>2. Control Panel with keys and LED display for manual and automatic control of Hydraulics of Tractor</p> <p>3. Cable connecting Laser Sensor to Control Panel</p> <p>4. Cable connecting 12 V Battery to Control Panel</p> <p>5. Cable connecting Auto panel to Valves of tractor for Hydraulic control</p> <p>C. Laser Transmitter: To be mounted on Tripod on Land</p> <p>1. Rugby Series Laser transmitter (Rugby 50/Rugby 100/ Rugby 100LR) with carrying case.</p> <p>2. Rechargeable battery</p> <p>3. Battery Charger</p> <p>4. Metallic Tripod</p> <p>5. Rod eye mini sensor with bracket for mounting on leveling staff for ground survey</p> <p>6. Leveling staff</p>	
12.	Multi-crop thresher	<p>CIAE Product, Bhopal, ICAR, Code: EC-TH-01,TH-02,ER-05</p> <p>Technical Data Multicrop Thresher</p> <p>Overall Dimensions :</p> <p>Length 4520 mm</p> <p>Width 1550 mm</p> <p>Height 2440 mm</p> <p>Threshing Drum :</p> <p>Width 660 mm</p> <p>Length 915 mm</p> <p>No. Of Blades Three</p> <p>Cylinder 39 Spike Tooth</p> <p>No. Of Sieves Three</p> <p>Blower :</p> <p>Number of Blower Three</p> <p>Speed Variable</p> <p>Load Wheel 90 Kg</p> <p>Capacity Kg/hr. 500 - 1800</p> <p>Weight (Kg) (Approx.) 1350</p> <p>Threshing Efficiency (%) 99-100</p> <p>Cleaning Efficiency (%) 94-99.9</p> <p>WORKING</p> <p>The harvested crop is fed in to the thresher. The same turns in to straw &</p>	

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		<p>FEATURES</p> <p>Grains.The blower sucks the straw & throw it away while clean grains comes out.</p> <p>Suitable for the threshing of wheat, Soyabean, Grams, Peas, Sorgham, Oats, etc.All Multi Crop thresher are covered under Safety provision as per Indian standard laid by B.I.S.</p>	
13.	Power Reaper	<p>CIAE Product, Bhopal, ICAR</p> <p>WORKING</p> <p>The Reaper cuts the crops 3 - 4 inches above the ground level. The cut crop is carried to its right with the help of conveyor belt & is placed in line.</p> <p>FEATURES</p> <p>Width of cut is 220cm.Suitable for wheat, paddy, barley, oats, etc.</p> <p>WORKING</p> <p>The Reaper cuts the crops 3 - 4 inches above the ground level. The cut crop is carried to its right with the help of conveyor belt & is placed in line.</p> <p>FEATURES</p> <p>Width of cut is 115cm. Small operational coast.</p>	
14.	Power sprayer		
15.	Power tiller	<p>WORKING</p> <p>It is a walk behind machine which is specially suitable for hilly areas.</p> <p>FEATURES</p> <p>Fitted with honda GK-300L (Petrol/cerosine) engine. Depth of cut 3 to 5 inches.</p>	

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		Specially suitable for hilly areas, interculture in row crops.	
16.	Precession seed planter	<p>CIAE Product, Bhopal, ICAR, Code : EC: SP-10, SP-11,SP-13</p> <p>No. of Rows Available in 3, 4, 5, 6 Rows.</p> <p>Row to row spacing 24" Standard & Adjustable</p> <p>Fertilizer Metering Agitator & Sliding Orifice type</p> <p>Seed Dropping Vertical Rotating Dick with cells on its periphery</p>	
17.	Puddler	CIAE Product, Bhopal, ICAR, Code: EC-TL-03, TL-04, TL-05	
18.	Raised Bed planter	<p>CIAE Product, Bhopal, ICAR This Planter is to be used for planting different seeds on 2 Raised Beds</p> <p>No. of Rows Available in 6 Row (3 Rows on each bed)</p> <p>Fertilizer Metering Agitator & Sliding Orifice type</p> <p>Seed Dropping Fluted Roller</p>	
19.	Rotavator	<p>Working Width 184 cm 125cm</p> <p>H.P Required 45-60 H.P 35-40 H.P</p> <p>No. of Flange 9 6</p> <p>No. of Blades per Flange 4 4</p> <p>Total no. of Blades 36 24</p> <p>Flange Pitch 20cm</p> <p>Working Depth 2 cm to 15 cm (Adjustable)</p> <p>Depth Control By Skids on Both Sides</p> <p>PTO Speed 540 rpm</p> <p>Rotor Speed 230rpm</p>	

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21.	Seed extraction & other equipments	CIAE Product, Bhopal, ICAR Code: EC-CGS-02, CGS-03, CGS-04, EC-SDP-01, SDP-02, SDP-03, SDP-04, SDP-07, SDP-08, SDP-09, SDP-10 Drum Size 2 ½ ft & 3 ft Driving Power PTO Drive of tractor / Electric Motor / Diesels Engine. Output 18 qt/hr for 2 ½ ft drum size machine approx. 23 qt/hr for 3 ft drum size machine approx.																																	
22.	Seed-cum-Fertilizer Drill	CIAE Product, Bhopal, ICAR No. of Rows Available in 11 & 9 Rows. Row to row spacing 7" Standard & Adjustable Fertilizer Metering Agitator & Sliding Orifice type Seed Dropping Vertical Rotating Disc With cells on its periphery																																	
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Sl. No.	Name of Farm Implements/Machineries	Details Specification	Approx. Price (Rs.)
		No. Of Sieves Two Blower : Number of Blower Two Speed Fixed Load Wheel 75 Kg Capacity Kg/hr. 550 - 2000 Weight (Kg) (Approx.) 1275 Threshing Efficiency (%) 99-100 Cleaning Efficiency (%) 94-99.9	
24.	Tractor 50/60 HP with accessories		
25.	Winnower	CIAE Product, Bhopal, ICAR Pedal –cum –power operated grain cleaner	