

NATIONAL COMPETITIVE BIDDING DOCUMENT
TO SUPPLY, DELIVER, INSTALL & COMMISSIONING FOR
SEED PROCESSING PLANT WITH AUTOMATIC WEIGHING AND
BAGGING UNITS, SEED GRADER & GRAVITY SEPARATOR
AND
COLD STORAGE UNIT



STRENGTHENING OF SEED CHAIN AND INFRASTRUCTURE
DEVELOPMENT FOR BREEDER SEED PRODUCTION IN
DIFFERENT RESEARCH STATIONS OF PJTSAU
AND
“CREATION OF SEED – HUBS FOR INCREASING INDIGENOUS
PRODUCTION OF PULSES IN INDIA” SPONSORED SCHEME OF
NATIONAL FOOD SECURITY MISSION (NFSM)

Professor Jayashankar Telangana State Agricultural University
DIRECTOR (SEEDS)
SEED RESEARCH AND TECHNOLOGY CENTER
Rajendranagar, Hyderabad - 500 030



PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY
SEED RESEARCH AND TECHNOLOGY CENTER
 Rajendranagar, Hyderabad - 500 030

TENDER NOTIFICATION

Dated: 08-06-2017

- Bid Reference:** I. Memo.No. 35453/Res.I (3)/2017 dated 17.05.2017 of The Director of Research, PJTSAU, Hyderabad (Strengthening of seed chain and infrastructure development for breeder seed production in different research stations of PJTSAU).
- II. Memo. No. 9675/Res.IV/2017 dated 17.05.2017 of The Director of Research, PJTSAU, Hyderabad (“Creation of seed-hubs for increasing indigenous production of pulses in India” sponsored scheme of National food security mission (NFSM)).

Sealed tenders are invited separately for supply, deliver, install and commissioning for the following equipments at various research stations of PJTSAU.

S.No	Place of Installation	Name of the equipment	Bid reference	
1	Regional Agricultural Research Station, Polasa, Jagtial Dist. Telanagana State	Each Seed processing plant with automatic weighing and bagging units comprising the following machines V.B. elevator of suitable discharge height, Air screen grain/seed Pre- cleaner, seed grader, V.B. elevator of suitable discharge height, Specific gravity separator, V.B. elevator of suitable discharge height, Bagging Bin, automatic weigher & bagger with air compressor, Bag stitching machine.	I	
2	Agricultural Research Station, Mudhol, Nirmal Dist. Telanagana State		I	
3	RS&RSS, Rudrur, Nizamabad Dist. Telanagana State		I	
4	RARS, Warangal, Warangal Dist. Telanagana State		I	
5	Regional Agricultural Research Station, Palem, Nagar Kurnool Dist, Telanagana State		I	
6	Agricultural Research Station, Tandur, Vikarabad Dist, Telanagana State		II	
7	Krishi Vignan Kendra, Palem, Nagar Kurnool Dist, Telanagana State		II	
8	Seed Research and Technology Center, Rajendranagar, Hyderabad		Seed grader and gravity separator	II
9	Maize Research Center, ARI, Rajendranagar, Hyderabad		Cold storage units	I
10	ARS, Adilabad, Adilabad Dist. Telanagana state			I

The tender form containing terms and conditions for supply, deliver, install and commissioning for the equipment along with specifications and EMD to be paid, may be downloaded from the website www.pjtsau.ac.in from **09.06.2017 to 24.06.2017**. Separate tenders should be filed along with tender fee for each equipment for location. Filled in tenders should accompany an amount of Rs. 1000/- (Rupees One Thousand only) towards tender fee (separately for each equipment for location) in the form of crossed demand draft drawn in favour of “The Comptroller, PJTSAU, Rajendranagar, Hyderabad-30”.

The financial Bid forms and the Technical bid forms should be submitted in separate sealed covers and should reach the undersigned **on or before 24.06.2017 by 3.00 P.M. The tenders will be opened on 29.06.2017 at 12.00 noon.**

Director (Seeds)
Seed Research and Technology centre
Rajendranagar, Hyderabad-500 030

TENDER APPLICATION FORM

1. Item. Quoted for :

2. Name and Address of the Organization :
(Phone, Fax and E-mail address)

3. Name and designation of :
Head of the Organization

4. Year of incorporation :

5. Number of qualified service personnel :

6. Response generation :
(immediate / 1 day / 2 days)

7. No. of orders taken up so far :
(Enclosed User (s) List) with satisfactory
performance certificate from clients

8. In case of urgent repairs, please indicate :
the correct contact persons Name and
Phone Number.

9. Whether Photostat copies of all the :
documents prescribed in Terms and
Conditions enclosed.

10. Details regarding financial status position :
(For the last 3 financial years)

SIGNATURE OF THE APPLICANT

Note: Tender application forms without Photostat copies of all documents Prescribed in terms and conditions will not be considered.
Separate application for each equipment, along with DD for Rs. 1000/- for each application should be submitted.

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY

Financial Bid Tender Form
(To be used by the Tenderers)

SI. No.	Date	Item No.	C.R. No.	Dated	Amount
1	2	3	4	5	6

- i) Closing date for receipt of tender forms
- ii) Date of opening sealed tenders

From To
The Director (Seeds)
Seed Research and Technology Centre
Rajendranagar, Hyderabad-30.

Ref: - 1. Your Tender Notice/Bid reference No..... Dated

2. EMD – D.D. No.....Dated For Rs.....

I / We have read the contents of the terms and conditions mentioned in your tender schedule and its enclosures and agree to abide by the same.

I / We hereby offer to supply the article prescribed in the schedule (or such portion thereof as you may specify on the acceptance of tender) at the price given below.

I / We agree to hold this offer open for a period of 12 months from the date of acceptance of tender and shall be bound by communication of acceptance dispatched within a period of 15 days from the date of opening of tenders.

I / We have also examined the requisite specifications of the materials to be supplied and my / our offer is to supply the required material in accordance with the requisite specifications.

I / We have carefully considered all terms and conditions given in the Annexure A and B and particulars regarding settlement of disputes and we have signed the same in token of consciously accepting the same and do hereby state that we accept them without any reservations and accordingly

I / We quote the rates inclusive of all taxes, duties, transportation to the following research stations of PJTSAU.

S.No.	Name of the equipment	Place of delivery	Units	Unit Price (Rs.)
1	Seed processing plant with automatic weighing and bagging units	RARS, Jagtial	1No	
2		ARS, Mudhol	1No	
3		RS&RSS, Rudrur	1No	
4		RARS, Warangal	1No	
5		RARS, Palem	1No	
6		ARS, Tandur	1No	
7		KVK, Palem	1No	
8	Seed grader and gravity separator	SRTC, Rajendranagar, Hyderabad	1No	
9	Cold storage units	Maize Research Center, ARI, Rajendranagar, Hyderabad	1No	
10		ARS, Adilabad	1No	

The articles will be ready for delivery within days from the date of receipt of firm orders.

Yours faithfully,

(Signature and stamp of the Tenders)
State legal status, whether Prop./
partner/registered firm / company etc.)

Encl:

EMD – DD No. dated for Rs.

Note: Attach additional sheets giving full particulars such as name and address of the proprietor or list of partners and their addresses or particulars of registered firm or of the company and the specifications of the equipment furnished. To be submitted separately for each equipment (Refer check list).

**List of equipments to be included in the tender for
Director (Seeds)
Seed Research and Technology Center
Rajendranagar, Hyderabad - 500 030.**

Equipments to be purchased by open tenders

S.No.	Name of the equipment	Units	EMD In INR
1	Seed processing plant with automatic weighing and bagging units	7Nos	Rs.50,000 per unit
2	Seed grader and gravity separator	1No	Rs.25,000 per unit
3	Cold storage units	2Nos	Rs.50,000 per unit

The quote should include all possible accessories required for operation of the equipment.

Prices should be quoted in **Indian Rupees only**

Annual maintenance contract for two more years may be quoted on yearly basis along with terms and conditions. Delivery of items and installation of the same including any additional requirements such as consumables etc is entirely the responsibility of the firm without any additional financial burden to the purchasers of different research stations of PJTSAU.

Annexure -A

(Annexure to Tender Form)

**I. TO SUPPLY, DELIVER, INSTALL & COMMISSIONING FOR
SEED PROCESSING PLANT WITH AUTOMATIC WEIGHING AND BAGGING
UNITS & SEED GRADER AND GRAVITY SEPARATOR**

At the following research stations of PJTSAU,

S.No.	Name of the equipment	Place of delivery	Units
1	Seed processing plant with automatic weighing and bagging units	RARS, Jagtial	1No
2		ARS, Mudhol	1No
3		RS&RSS, Rudrur	1No
4		RARS, Warangal	1No
5		RARS, Palem	1No
6		ARS, Tandur	1No
7		KVK, Palem	1No
8	Seed grader and gravity separator	SRTC, Rajendranagar, Hyderabad	1No

**TECHNICAL SPECIFICATIONS FOR SEED PROCESSING PLANT WITH
AUTOMATIC WEIGHING AND BAGGING UNITS & SEED GRADER AND
GRAVITY SEPARATOR**

S.No.	Description	Quantity
1.	V.B. ELEVATOR OF SUITABLE DISCHARGE HEIGHT Capacity : 1 Tons/hr Complete with 1 HP geared motor, starter, switch and other standard features. Head casing, boot casing and leg casing made of 2.0 mm, 3.0 mm and 1.6 mm GI. Sheet respectively. Spouting shall be made of 2 mm M.S. Sheet. Spouting, spout sections, discharge valve, ladder, service platform, boot plate, take up unit, hopper with grating and feed control gate shall be made of M.S. silver painted. Belt shall be NN rubber belt, buckets shall be HDPE/Die Pressed from M.S. Sheet of 1.6 mm thick self cleaning type. Spacers shall be provided in between belt and buckets to prevent damage to seeds. Boot pulley shall be wing type to prevent lodging of seed between belt and pulley. Head pulley shall be rubberised and crowned for improved traction. Sprocket shall be TLB type for easy and quick fitting. Belt speed shall not exceed 1.2 m/sec.	1No
2.	AIR SCREEN GRAIN/SEED PRE-CLEANER Machine is mainly suitable for efficient cleaning of various cereal , pulses and oil seed crop seeds Cap.: 1 Tons/hr. Complete with 5 HP electric motor (Siemens/Crompton/Rotomotive/equivalent make for operation on	1 No

S.No.	Description	Quantity
	<p>440V, 3 Ph, 50 c/s. A.C. supply), starter, switch, fitted with one set of screens (Screen Size Top : 89 x 100 cm, bottom 89 x 180 cm W x L. It has two flat oscillating screens, perforation cleaning of top screen by beaters & bottom screens by nylon brushes, double aspiration, variable shoe shake) and all other standard features (regulated feed hopper, dynamically balanced fan, air chamber, screen deck and spouts are self cleaning type. O.A. size: 356 x 175 x 285 cms. (LxWxH)).</p> <p>SUB-ASSEMBLIES & PARTS</p> <p>i) ADDITIONAL SCREEN SET 1No. Screens are made of 0.8 mm CRC perforated sheet and fitted on seasoned hard wood frame, suitably inclined. The screens are free from curvature and burrs.</p> <p>ii) CYCLONE DUST COLLECTOR</p> <p>iii) AIR TRUNK</p>	<p>1No</p> <p>1No</p> <p>3 Nos</p>
3.	<p>SEED GRADER</p> <p>Capacity : 1 Tons/hr.</p> <p>Machine is mainly suitable for efficient cleaning of various cereal , pulses and oil seed crop seeds</p> <p>Cap.: 2 Tons/hr.</p> <p>Complete with 5 HP electric motor</p> <p>(Siemens/Crompton/Rotomotive/equivalent make for operation on 440V, 3 Ph, 50 c/s. A.C. supply), starter, switch, fitted with one set of screens (Screen Size Top : 89 x 100 cm, bottom 89 x 180 cm W x L. It has two flat oscillating screens, perforation cleaning of top screen by beaters & bottom screens by nylon brushes, double aspiration, variable shoe shake) and all other standard features (regulated feed hopper, dynamically balanced fan, air chamber, screen deck and spouts are self cleaning type. O.A.size : 307 x 142 x 256 cms (LxWxH)</p> <p>SUB-ASSEMBLIES & PARTS</p> <p>i) ADDITIONAL SCREEN SET 1No. Screens are made of 0.8 mm CRC perforated sheet and fitted on seasoned hard wood frame, suitably inclined. The screens are free from curvature and burrs.</p> <p>ii) CYCLONE DUST COLLECTOR</p> <p>iii) AIR TRUNK</p>	<p>1 No</p> <p>1No</p> <p>1No</p> <p>3 Nos</p>
4.	<p>V.B. ELEVATOR OF SUITABLE DISCHARGE HEIGHT</p> <p>Capacity : 1 Tons/hr</p> <p>Complete with 1 HP geared motor, starter, switch and other standard features. Head casing, boot casing and leg casing made of 2.0 mm, 3.0 mm and 1.6 mm GI. Sheet respectively. Spouting shall be made of 2 mm M.S. Sheet. Spouting, spout sections, discharge valve, ladder, service platform, boot plate, take up unit, hopper with grating and feed</p>	<p>1No</p>

S.No.	Description	Quantity
	control gate shall be made of M.S. silver painted. Belt shall be NN rubber belt, buckets shall be HDPE/Die Pressed from M.S. Sheet of 1.6 mm thick self cleaning type. Spacers shall be provided in between belt and buckets to prevent damage to seeds. Boot pulley shall be wing type to prevent lodging of seed between belt and pulley. Head pulley shall be rubberised and crowned for improved traction. Sprocket shall be TLB type for easy and quick fitting. Belt speed shall not exceed 1.2 m/sec.	
5.	<p>SPECIFIC GRAVITY SEPARATOR Capacity: 1 Ton/hr. Suitable for all types of grains, seeds and granular products. Compact and sturdy steel channel frame with high quality wooden rectangular deck mounted on teflon bushings, deck size 800 x1590 mm (WxL) dynamically balanced fans (3 Nos.) with individual adjustable air control, variable oscillation speed of deck with the help of variable frequency drive, variable lengthwise & sidewise inclination of deck, has hydraulic system for cleaning of deck, regulated feeding, built in air filters. Complete with electric motor of 4 HP 440 V for fans and 1 HP, 440 V for deck for fine seeds crops of Siemens/Crompton/Rotomotive/Equivalent and starter, switch.</p> <p>SUB-ASSEMBLIES & PARTS</p> <ul style="list-style-type: none"> i) ADDITIONAL DECK ASSEMBLY: One for super fine & second for coarse seed. ii) CYCLONE DUST CANOPY: Cyclone Dust Canopy System with integral fan, electric motor, starter & switch. 	<p>2Nos</p> <p>1No</p>
6.	<p>V.B. ELEVATOR OF SUITABLE DISCHARGE HEIGHT Capacity : 1 Ton/hr Complete with 1 HP geared motor, starter, switch and other standard features. All sheet metal components shall be manufactured on CNC machine. Head casing, boot casing and leg casing made of 2.0 mm, 3.0 mm and 1.6 mm GI. Sheet respectively. Spouting shall be made of 2 mm M.S. Sheet. Spouting, spout sections, discharge valve, ladder, service platform, boot plate, take up unit, hopper with grating and feed control gate shall be made of M.S. silver painted. Belt shall be NN rubber belt, buckets shall be HDPE/Die Pressed from M.S. Sheet of 1.6 mm thick self cleaning type. Spacers shall be provided in between belt and buckets to prevent damage to seeds. Boot pulley shall be wing type to prevent lodging of seed between belt and pulley. Head pulley shall be rubberised and crowned for improved traction. Sprocket shall be TLB type for easy and quick fitting. Belt speed shall not exceed 1.2 m/sec.</p>	1No
6.	<p>BAGGING BIN Capacity: 1 Ton 1.6 mm G.I. Sheet for sides & 2 mm G.I. Sheet for</p>	1No

S.No.	Description	Quantity
	hoppered bottom. M.S. pipe for supporting legs with 10 mm thick foundation plate, suitable M.S. Pipe bracing. Equipped with manually operated discharge gate, transparent sheet window for seeing the seed level in the bin	
7.	<p>AUTOMATIC WEIGHER & BAGGER WITH AIR COMPRESSOR Weighing Range: 5 Kg to 50 Kg. Net Weighing and Bagging Machine for materials like cereals, grains, seeds etc. in open mouth or valve type bags. Weigher uses simple load cell suspension technique assuring accuracy, consistency and trouble free operation. No. of Bags/min : 2 Property of material : Free flowing Accuracy : +- 1gm to 8gm Digital display : LED Type of load cells : Hermetically sealed IP67 protected No. of load cells : 3 Nos. Facility : Auto/Manual Mode Type of electric control panel : PLC based with 7 K memory. Digital inputs : 14 Digital output : 10 Complete with load cells, load cell retainer assembly, load cell junction box, PLC based control panel, load cell cable, weigher hopper with pneumatic discharge gate, sector gate with coarse and fine feed facility, discharge collection spout, pneumatic bag holding clamps for open mouth bags, stamping for first year only. SYSTEM ARRANGEMENT (OPERATION) Auto weighing and bagging machine shall be mounted below storage silo (Bagging Bin). Weigh hopper is mounted on load cell. The PLC is programmed for required value with coarse and fine feeding, batch number, tolerance etc. On run command, system will start weighing. Once the material reaches 90% of required value, coarse feed stops and fine feed starts and stops when 100% value, material drops from Weigh hopper to the discharge spout. When the weigh hopper is empty, system shuts off the gate and starts next batch and goes on working in this sequence. To be supplied with 2 additional bagging spout. AIR COMPRESSOR FOR PNEUMATIC CLAMPING OF BAGS Make : GNET Motor : 3 HP No. of cylinders : Two Capacity of air tank : 150 litre</p>	1No

S.No.	Description	Quantity
	Air Pressure : 12 Kg/square m Complete with base frame with castors, 10m air hoose, air nozzle, T, motor, starter, switch with auto start, stop.	
8.	BAG STITCHING MACHINE Capacity : 300-350 Bags Per Hour Single thread, Chain Stitching, oscillating looper with automatic lubricating system, micro switch finger touch start, automatic thread cutting mechanism. Complete with electric motor of 1/10 HP, 13 ft. long flexible wire, 3 pin plug, 2 No. Needles, 1 No. looper, 4 No. Allen Keys, 1 No. Spanner, Oil Can, Screw Driver, Thread Stand and thread cone. SUB-ASSEMBLY Suspension unit for above.	2 Nos

Other requirements

1. Warranty period of 24 months
2. Operating manual printed in English
3. Onsite training to the users
4. Price to include the following works (Additional works) as well as delivery to various research stations of PJTSAU.
 - All possible accessories required for operation of the processing plant.
 - Necessary material for Final connection of the electrical control panels
 - All masonry work for fitting of machinery etc.
5. Quote should be inclusive of basic price, taxes/duties applicable, packaging, insurance, loading and unloading, transportation to following different Research stations of PJTSAU.

S.No.	Name of the equipment	Place of Installation	Units
1	Seed processing plant with automatic weighing and bagging units	RARS, Jagtial	1No
2		ARS, Mudhol	1No
3		RS&RSS, Rudrur	1No
4		RARS, Warangal	1No
5		RARS, Palem	1No
6		ARS, Tandur	1No
7		KVK, Palem	1No
8	Seed grader and gravity separator	SRTC, Rajendranagar, Hyderabad	1No

**II. TO SUPPLY, DELIVER, INSTALL & COMMISSIONING FOR
COLD STORAGE UNITS at the following research stations of PJTSAU**

S.No.	Name of the equipment	Place of Installation	Units
1	Cold storage units	Maize Research Center, ARI, Rajendranagar, Hyderabad	1No
2		ARS, Adilabad	1No

TECHNICAL SPECIFICATIONS FOR COLD STORAGE UNITS

Number of Units: 2 Nos.

S.No.	Description
1	For storage of all types of seeds (Minimum 2000 Kg)
2	Size: 20' L x 20' W x 10' H
3	Temperature required in Cold Room : Not more than + 14 + 2 Degree Centigrade
4	Relative humidity inside the chamber: Not more than 40 % + 5%
5	Cold room enclosure should be with insulation walls & ceiling panels provided with Pre Painted Galvanized Iron sheets inside and outside
6	Insulation & Thickness of Insulation : Provided with Pre-Fab Modular C5 Cyclopentane Rigid polyurethane foam (RPUF) Panels with minimum 100 mm thick with Cam Locks between walls panel to wall Panel
7	Type & Insulation for Floor : Minimum 100 mm thick PUF panel covered with marine Ply + al chequed sheet
8	Floor heating element system complete with thermostat and control
9	Door Size & Type: Single, C5 Cyclopentane RPUF –Flush in type of size 42" X 78" with clear opening and accessories like Pad Lock System, door frame heater, human safety release knob, posi seal door closure, with viewport and strip curtains
10	Refrigeration units: 4 No's Refrigeration units to be installed to meet the desired inside conditions with respect to tempretature and humidity.3 nos. are working and 1 no. standby units with R404A ecofriendly refrigerant.
11	Supply and Installation of suitable capacity generator of Kirloskar make with radiator, air cleaner, Lubricating Oil filter, Silencer,Electronic starting system with starter, ammeter, lubricating oil pressure gauge along with AMF panel.
12	Evaporator unit constructed with textured aluminum, complete with electric fans,copper tubes staggered and operate on electrical defrost mode
13	Air cooled condensing unit should consists of all necessary refrigeration components and accessories
14	Designed to operate efficiently up to 42°C ambient environments
15	User friendly electrical control with large easy readable digital thermometer for set and actual temperature, high temperature acoustic alarm, on-off switch with power on indication lamp, PC connectivity thru RS485 Port , RH Controller etc.
16	Suitable LED/fluorescent light fitting suitable for cold room application
17	Wall insulation panels can be cleaned easily
18	PUF Panel (Ecofriendly Puf Panels with cyclopentane PUF Insulation)must have manufactured in ISO -9000 certified factory and Test certificate to be produced.

- 19 Easily replaceable heavy duty door gasket & door hinges
- 20 Door lock facility
- 21 All wiring system and control switches must be properly laid and comply with safety requirements
- 22 Power Supply: 230V / 1 Phase / 50Hz
- 23 Warranty period of 24 months (Two year)
- 24 Operating manual printed in English
- 25 Onsite training to the users
- 26 Price to include the following works (Additional Works)
 - a All possible accessories required for operation of the cold room.
 - b necessary material for final connection of the electrical control panels
 - c First charge of refrigerant and compressor oil
 - c Testing and commissioning of refrigeration system
 - e Any masonry work and suitable shields, platforms, stands for condensing / evaporator units for protection from sunlight, rain, proper exhaust system etc.,
- 27 Quote should be inclusive of basic price, taxes/duties applicable, packaging, insurance, loading and unloading, transportation to the following research stations to the PJTSAU

S.No.	Place of Installation	Units
1	Maize Research Center, ARI, Rajendranagar, Hyderabad	1No
2	ARS, Adilabad	1No

Annexure -B

(Annexure to Tender Form)

Cost of Tender Form and Availability

The tender form can be downloaded from PJTSAU web site www.pjtsau.ac.in. The duly filled application may accompany a crossed demand draft for Rs. 1000/- (Non-refundable) drawn in favour of “The Comptroller, PJTSAU, Rajendranagar, Hyderabad-30” during submission towards processing fee.

Submission of Tender and Deposit of earnest money

1. The process of tender bidding comprises of two stages a) Technical Bidding b) Financial Bidding. All tenderers must send the duly signed complete technical details of the equipment /machinery/apparatus in a sealed cover mentioning “Technical Bid Document for supply and installation of 1) Seed processing plant with automatic weighing and bagging units (**Bid reference I& II**), 2) Seed grader and gravity separator (**Bid reference II**) and 3) Cold storage units (**Bid reference I**).
 2. Tenderers must fill in their rates in this tender form and return it duly signed in token of their acceptance of the conditions laid down herein in a sealed cover mentioning “Financial Bid Document for supply and installation of 1) Seed processing plant with automatic weighing and bagging units (**Bid reference I& II**), 2) Seed grader and gravity separator (**Bid reference II**) and 3) Cold storage units (**Bid reference I**).
 3. Tenders should be written legibly in ink or type written. No alternations should be made to any of the terms and conditions of the tenders by scoring out, altering or overwriting.
 4. Similarly no alternations are permitted in the rates quoted by them. No alternations will be allowed after the tender is received by this Office. Ambiguity must be avoided in filling the tenders. However, any corrections etc., made will have to be duly attested with dated signatures and official seal. The tenders not complying with these conditions will be rejected summarily.
 - a. Tenders are required to deposit EMD mentioned for each equipment with the University by a crossed Demand Draft drawn in favour of **The Comptroller, Professor Jayashankar Telangana State Agricultural University**, payable at any nationalized bank, in sealed cover entitled “Financial Bid Document for supply and installation of 1) Seed processing plant with automatic weighing and bagging units (**Bid reference I& II**), 2) Seed grader and gravity separator (**Bid reference II**) and 3) Cold storage units (**Bid reference I**). All offers without earnest money will be rejected.
 - b. Request for adjustment of pending bills / deposits, if any, towards earnest money will not be entertained.
- Note:** Cheques, government security (stock certificates, bearer bonds, promissory notes, cash certificates etc.,) will not be accepted.
5. Company offering tenders preferably should have supplied similar equipment to **at least two to three institutes in PJTSAU / other Universities / ICAR / leading institutes/Seed**

industries. The tenderers have to submit performance certificates from such unit where the equipment has supplied.

6. The tenders not confirming to the prescribed terms and conditions of the Agricultural University or conditional tenders or Tenders which cannot adhere to the prescribed time schedule are liable for rejection.
7. The equipment with specifications prescribed is enclosed along with this tender shall also be treated as part of these tender documents for all purposes.
8. The tender documents are not transferable under any circumstances.

Validity of rates and other Conditions

1. Warranty period for the goods shall be given for minimum of 24 months or more from the date of installation, additional guarantee for 2 more years may be quoted on yearly basis.. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced material shall be extended to a further period of 24 months. The spare parts should made available for a minimum period of 5 years/more from the date of installation and free service should be provided for three years after warranty or period expires. The mentioned equipment should be installed at different Research stations of PJTSAU. **Successful bidder has to deposit the performance guarantee of 5% of the total contract value within 15 days of award of the offer.**
2. Bids shall remain valid for a period of 180 days or more from the date of opening of the tender prescribed. In exceptional circumstances, the purchaser may solicit the bidder's consent for an extension of the period of validity. The request and response shall be made in writing / telex / fax / e-mail.
3. The validity of the tender will extend for a period of 12 months from the date of placing the initial orders and it shall be open to the PJTSAU to place the orders with the suppliers on the same rates, terms and conditions for any additional quantities likely to be recurred during that period.
4. **The bidders shall seal the Financial bid form and the Technical bid forms (with tender application form and also complete technical details and drawings) in two separate envelopes duly marked as "Original" and "Copy" and place all the envelopes in an outer envelope.**
5. The inner and outer envelopes shall bear the following address:
The Director (Seeds)
Seed Research and Technology Centre
Rajendranagar, Hyderabad – 500 030
6. It should also bear the reference of the Invitations for tender mentioned in the advertisement, and a statement **DO NOT OPEN BEFORE** hrs on and also the name of the item for which the bid is offered.
7. The inner envelopes should also contain the name and address of the bidder.
8. Telex, cable, e-mail or facsimile tender will be rejected.

9. Tender Documents must be received by the purchaser at the address specified not later than the time and date specified in the invitation (Notification) for tenders. In the event of the date specified being declared as a holiday for the University, the tenders will be received up to the appointed time on the next working day.
10. The tenderers representatives who are present shall sign in the register evidencing their attendance. In the event of the specified date of tender opening being declared as a holiday for the University, the tenders shall be opened at the appointed time and location on the next working day.
11. During evaluations of tenders subsequent to opening, the University may at its discretion, ask the tenderer for clarification of tender. The request for clarification and the response shall be in writing and no change in prices or substance of the tender shall be sought, offered or permitted.
12. The bidder shall enclose complete technical details and design and drawings of the machinery/equipment/apparatus. After opening the tenders, specifications shall be scrutinized and if required clarification may be sought.
13. The purchaser's evaluation of the tender will take into account, in addition to the tender price / EX-factory / ex-warehouse / off – the – shelf price of goods offered in India. Such price to include all duties and taxes paid or payable on components and raw material incorporated in the goods, excise duty on the finished goods, if payable, and price of incidental services like cost of inland transportation, ex-factory, from the port – of entry, insurance and other costs within India incidental to the delivery of goods to their final destination. Delivery schedule offered in the tender. Deviations in payment schedule from that offered and availability in India, of spare parts and after sale services for the equipment offered in the tender shall also be taken into account.
14. **Terms of delivery:** Delivery of the equipment should be made within 30 days of placing confirmed order.
15. **Payment Terms:** The payment will be made on successful installation of the equipment and upon submission of the documents pertaining to the goods, including four copies of the invoice, insurance certificates, manufacturer's/supplier's warranty certificate, detailed operation and maintenance manuals.

Acceptance of tender

1. Tenders will be opened on specified date in the presence of such tenderers as may be present. A decision with regard to acceptance of tender will be taken as soon as possible.
2. **Tender Finalization Process:** Initially technical bid of tender of all tenderers shall be opened and scrutinized as per technical details specified in annexure A. Technical details and designs shall be scrutinized as per standard procedure. **Based on successful fulfillment of technical criteria, list of qualified tenderers in technical bid is prepared and then the financial bid of only those who are technically qualified tenderers shall be evaluated for short listing L1, L2, L3.**
3. The successful tenderer (s) will be intimated by letter (s) or other means of communication and the tenderer (s) so informed shall be bound from the time

transmission of such acceptance by the University. Formal acceptance of the tender (s) will be forwarded to successful tenderer (s) in due course but it will serve merely as a confirmation of the initial information and shall not affect the time from which the offer (s) is / are bound by the contract(s).

4. **The University (PJ TSAU) is not bounded to accept the lowest quotations.** Any or all the quotations may be rejected without assigning any reasons there of. It reserves the right of acceptance in whole or part of the offer made. The officer should justify with the reasons the superiority of the article than the articles of the lowest tender. He should furnish reasons on the comparative statement of tenders. The decision of the Professor Jayashankar Telangana State Agricultural University in the matter shall be final and binding on the tenderers.
5. The University may decide to split the order between two or more firms in a manner convenient to it.
6. The university may decide to order full equipment with or without or few spares and accessories at its discretion
7. Successful tenderer shall execute an agreement in accordance with these terms and conditions.

Performance Security:

1. The successful tenderer (s) shall, within 7 days after the University's written notice of acceptance of the tender has been posted to him or them, deposit with the Agricultural University 5% of the value of the goods required or the authority (University) may fix the amount according to the value of the tender as a security for the fulfillment of the contract. The earnest money deposit / performance security shall carry no interest. The performance security to be deposited will be in addition to the earnest money deposit.
2. The University reserves the right to forfeit and confiscate earnest money deposit, should the successful tenderer fail to pay the security deposit which is required under the terms & conditions of this tender.

Other contractual obligations.

1. The contract shall not be capable of being varied except by written consent by both the purchaser and the supplier and the Agricultural University shall not in the absence of the specific written acceptance be bound by any provisions of the supplier's quotations, offers etc., which purport to impose conditions, at variance with this contract.
2. The supplier shall not sublet or delegate this contract or part thereof without the written consent of the Agricultural University. Such consent shall not, however, be withheld unreasonably. But the tenderers may, without the consent of the Agricultural University, purchase material which he / they do not normally manufacture.
3. The supplier shall keep confidential all matters concerning this contract and comply with all reasonable security requirements. All drawings, blocks specifications, manuscripts, samples etc., supplied by the Agricultural University and all copies thereof shall be returned to the University when their use is terminated. In no event, the supplier shall

permit publicity concerning this contract without the prior consent of the Agricultural University.

4. No undertaking or commitment given by or made by any officer of the University verbally or in writing does not have any validity unless it is signed again by the authority competent who concluded an agreement earlier.

Supplies as per specifications.

1. All supplies shall be to the description and to the specifications laid down and in strict accordance with the approved samples. Deviation, if any should be clearly brought out failing which it will be normally construed that the materials offered are not to our requirements. Any special features may also be clearly brought out.
2. The decision of the University, however, shall be final as to the quality of supplies received and binding upon the supplier. In case the supplier(s) supplies any other article than what is ordered, such article supplied, not being approved, shall be liable to be rejected.
3. If the University required any changes in specification, the supplier shall use his best endeavour to comply with University's wishes subject to fair fixation of prices and delivery schedule where appropriate.
4. If at any time during the term of this contract, the plans of the University change for any reason, the University shall have the right to terminate or alter this contract by sending fifteen days notice to the supplier (s) by registered letter. In respect of such of the material which is complete and ready for dispatch, within thirty (30) days of such notice, the University agrees to accept delivery thereof at the contract price and terms.

Consequence of non-supply and damages.

1. All risks of loss, damage or depreciation to goods shall be upon the supplier until the material is delivered at the addresses specified and in accordance with the provisions of the contract. Till the material is received at the respective destination indicated by the University, the property continues to be at the risk of the supplier(s) the mere fact that the material is delivered to transporter is no defense to the supplier and the supplier will be squarely held responsible for any delayed receipt of the material by the University or for loss or damage of any kind to the material in transit.
2. Assuming that the supplier fails to deliver any or all the material covered by the contract, the Agricultural University reserves the right in addition to other legal remedies, to cancel the contract or any portion thereof and hold the supplier liable for all damages sustained by the University by virtue of the supplier failing to perform the contract and consequent cancellation of the contract.
3. In the event of the supplier to complete the supply in time or according to the approved specifications, the university reserve the right to make such arrangements as it may think fit for the completion of the supplies on account of and at the sole risk of the supplier.
4. In case the goods are not supplied according to specifications and it is decided to retain the inferior goods at the discretion of the university, the supplier will be entitled to

receive the payment only at the rate fixed by the university after taking into consideration the unsatisfactory quality of the material supplied and not at the rates mentioned in the order.

5. The time allowed for delivery of goods shall be deemed to be the essence of contract. In case the goods are not delivered within the stipulated period, the university reserves the right to recover the liquidated damages @ a sum equal to 2% of the contract price of the undelivered material per week subject to a maximum of 5% of the value of undelivered material. The university also reserves the right to cancel the purchase order in case supplies are delayed beyond the scheduled date of delivery and to make such arrangements as it may think fit for the completion of supplies on account and at the risk of the supplier (s). The additional expenses thus incurred together with the consequential losses and also the liquidated damages shall be recovered from the supplier out of his / their security deposit /earnest money deposit and any other amount due to him / them. The balance still, if any, payable by the supplier shall be paid by him / them within 7 days of notice from the Professor Jayashankar Telangana State Agricultural University.

All invoices shall be prepared in four copies and shall be signed by the supplier or his / their authorized agent. Every invoice shall bear a certificate to the effect that “the material covered by the invoice has been inspected by the supplier before delivery and conform in every way to the contract specifications and is packed in accordance with the contract requirements and further that the invoice is correct in every respect and no other invoice has been rendered previously in respect of the articles charged in the particular invoice”.

Forfeiture / Refund of the Earnest Money Deposit

1. In case the selected Tenderer (s) do not supply the stores at the quoted rates within the period of contract and commits any breach of any one or more of these terms and conditions, the Earnest Money Deposit and Performance Security money deposited by the tenderer (s) will be forfeited.
2. Earnest Money of the unsuccessful Tenderer (s) shall be refunded within one month from the date of decision regarding the tenders. No interest is payable by the University on such deposits.
3. The Earnest Money deposited by successful Tenderer (s) shall be retained by the Agricultural University till three months after the expiry of the contract period, i.e., 24 months from the date of acceptance of the tender.
4. On due performance and satisfactory completion of the order in all respects during the contract period, the Earnest Money Deposit and the Performance Security will be refunded to the Contractor(s) without interest within a period of 3 months with effect from the date of receipt of a request to this effect from the supplier(s).

Settlement of Disputes.

1. Any difference or dispute arising out of or in connection with this tender or acceptance thereof or the contract that may be entered in consequence thereof shall be decided by arbitration. The Chairman of the tender committee for purchase of the equipment, Prof.

Jayashankar Telangana State Agricultural University, or his nominee shall be the sole arbitrator and the arbitrator's decision shall be final and binding on the parties. The Tenderer(s) will have no objection to such appointment on any ground whatsoever including that such nominee, in his official capacity dealt with this matter at any stage.

2. The parties hereby agree that in the event of any dispute no cause of action shall arise in their favour to approach any court unless they have resorted to and exhausted the remedy of arbitration as envisaged above.
3. The parties also do hereby agree that the contract envisaged by these terms and conditions shall be deemed to have been entered into at Hyderabad and the courts at Hyderabad alone will have jurisdiction to try and legal proceedings which may arise out of this contract. Neither party shall file any proceedings in any other court.

Inspection and packing.

1. At all reasonable time during production and prior to dispatch of material/equipment, the supplier (s) shall afford and secure for the representation of Agricultural University every reasonable access and facility at his plant or premises for its inspection and making of usual tests on behalf of the Agricultural University, if so desired.
2. a) The supplier shall supply to the Agricultural University, on request, a report from time to time as to the progress of supplies. Any delay or anticipated delay will be reported at once together with the full reasons therefore.
b) The responsibility of procurement of transport facilities and dispatch of the stocks in good condition and as per specification and in time / door delivery lies with the supplier and they must keep up the delivery schedule at any rate.
c) The insurance should be done at the cost of supplier as the rate quoted is all inclusive for door delivery at respective research stations of the University office at Hyderabad.
3. Should the progress in supplies be delayed due to any cause beyond the reasonable control of the supplier and whether such delay or impediment occurs before or after the time for dispatch, reasonable extension of time might be granted by agreement between the parties.
4. **The supplier shall insert in each case 3 copies of packing list, fully item wise to show case number, contents and full description of the contents.** The concerned in-charge of the stores of the University at the receiving point will retain one copy with him and return the other two copies, duly signed to the supplier who will append one copy of this packing list with invoices when sent to the concerned for payment.

CHECK LIST

(DULY FILLED CHECK LIST TO BE ATTACHED WITH THE TECHNICAL BID)

1. Whether tender document fees for Rs.1000/- in the shape of demand draft attached? Yes/ No
2. Whether Bank Draft of Earnest Money Deposit (EMD) attached? Yes/ No
3. Whether Technical specifications of the equipment attached? Yes/ No
4. Whether two years Standard Warranty and two years Extended Warranty /AMC have been quoted along with the basic price? Yes/ No
5. Whether duly signed and stamped certificate of guarantee/warranty of the equipment attached? Yes/ No
6. Whether the list of institutions/organizations along with contact details of the user, where the quoted model of equipment/instrument i.e., User (s) List along with performance certificate has been supplied by the tenderer is attached? Yes/ No
7. In case of a manufacturer, has the registration certificate been enclosed? Yes/ No
8. In case of authorized agent/distributor whether certificate/ authorization letter for the same issued by the manufacturer attached? Yes/ No
9. Whether catalogue of the equipment highlighting the desired specifications attached? Yes/ No
10. Whether duly filled and signed compliance sheet attached? Yes/ No
11. Whether list of spares required for smooth functioning of the equipment attached? Yes/No
12. Whether details of sub-units/components (fully item wise to show case number, contents and full description of the contents) has been attached with Price bid. Yes/No

Signature of Authorized Signatory