



रानी लक्ष्मी बाई केंद्रीय कृषि विश्वविद्यालय

ग्वालियर रोड, पासुज बांध के पास, झांसी (यूपी) - 284003

(रानी लक्ष्मी बाई केंद्रीय कृषि विश्वविद्यालय अधिनियम, 2014 के तहत स्थापित)

Rani Lakshmi Bai Central Agricultural University

Gwalior Road, Near Pahuj Dam, Jhansi (U.P.) – 284003

(Established under the Rani Lakshmi Bai Central Agricultural University Act, 2014)

☎ : 0510-2730555

Web page: <http://www.rlbcu.ac.in>

F. No: RLBCAU/DR/2018/36

Dated: 01st Nov., 2018

NOTICE INVITING OPEN TENDER THROUGH E-PROCUREMENT FOR THE PURCHASE OF FARM EQUIPMENTS

The Rani Lakshmi Bai Central Agricultural University, Jhansi invite online Open tender enquiry in Two Bids Systems through e-tendering from reputed firms with adequate experience for supply of concern equipments. The details of the specifications, schedule of requirement, terms & conditions are given below :

TENDER NUMBER	2018_DARE_402623_1 Dated 01 st Nov., 2018
DESCRIPTION OF WORK	Supply of Farm Equipments at RLBCAU, Jhansi, Near Pahuj Dam, Gwalior Road, Jhansi.
TYPE OF TENDER	Two bid system (Technical & Financial)
DATE AND TIME FOR PUBLISHING	01.11.2018 at 12.30 PM
DOCUMENT DOWNLOAD START DATE AND TIME	01.11.2018 at 12.30 PM
DOCUMENT DOWNLOAD END DATE AND TIME	21.11.2018 at 02.30 PM
BID SUBMISSION START DATE AND TIME	02.11.2018 at 12.30 PM
BID SUBMISSION END DATE AND TIME	22.11.2018 at 02.30 PM
DATE AND TIME OF OPENING OF TENDER (TECHNICAL BID)	23.11.2018 at 2.30 PM
DATE AND TIME OF OPENING OF TENDER (FINANCIAL BID)	Will be notified after evaluation of Technical bids on our website http://www.rlbcu.ac.in . Biding firm should mention their email id, phone no., Fax no. for information of date of opening of financial bid.
BID VALIDITY	120 days
EMD	Rs.50,000/-(Rupees Fifty Thousand only) in the form of Demand Draft/ Banker's Cheque in favour of RLBCAU, Jhansi payable at Jhansi.(no other mode will be accepted)
Submission of BID	Online bid (Technical & Financial) uploaded on CPP Portal (www.eprocure.gov.in/eprocure/app). Hard copy of tender Fee and EMD in acceptable form (DD/Banker's Cheque) must reached to Store-Purchase, RLBCAU, Jhansi before the bid submission closing date and time through Preferably Speed post / Registered post / Personely submitted in Store-Purchase Section. Note: As University is in remote locality and many courier services do not provide their services daily for delivering the dak from our previous experience, due to which EMD are not reached in time at RLBCAU, Jhansi.
Details of tender	Tender Documents and Notice is also available on RLBCAU Website http://www.rlbcu.ac.in and CPP portal Id No. 2018_DARE_402623_1

Important Notes :

1. Tender Documents can be downloaded from RLBCAU, Jhansi website <http://www.rlbcu.ac.in> OR from Central Public Procurement Portal www.eprocure.gov.in. Bidders should enroll / register in the e-procurement module of Central Public Procurement Portal through the website: www.eprocure.gov.in. Bidders should also possess a valid DSC for online submission of bids.
2. Bids received on e-tendering portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.
3. RLBCAU, Jhansi reserves the right to accept/reject any/all tenders in part /full at any stage without assigning any reason thereof.
4. RLBCAU, Jhansi will not be responsible for any delay in enrolment/registration as bidder or submitting/uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website www.eprocure.gov.in and enrol their Digital Signature Certificate and upload their quotation well in advance.
5. Any changes/corrigendum/ extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website <https://eprocure.gov.in/eprocure/app> for updates.

Terms and Conditions of tender document :

1. **EMD amounting to Rs. 50,000/- (Rupees Fifty Thousand Only)** through Demand Draft/ /Banker's Cheque in favour of "RLBCAU" payable at SBI, Karari Branch, Jhansi should be sent through post / submit in person up to the last date & time of acceptance of bid to Store-Purchase Section, RLBCAU, Jhansi along with duly filled and signed GAR-43 form as attached with the tender document for refund of EMD and a scanned copy of the Demand Draft/Banker's cheque should be attached in online bid as mentioned under technical bid. The EMD of the unsuccessful tenderer shall be refunded after the finalization of the order. No interest shall be paid on EMD.
2. Bidder should prepare the Tender fee and EMD as per the instructions specified in the tender document. The original Tender fee and EMD should be sent by post/ submit in person to the Store Purchase Section, RLBCAU, Jhansi latest by the last date & time of bid submission. Failure to deposit the tender fee and earnest money (EMD) in Store-Purchase Section, RLBCAU, Jhansi up to due date and time through offline mode will lead to rejection of bid. The details of the DD/Bankers Cheque physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
3. No interest on Security Deposit and earnest money shall be paid by the RLBCAU to the bidder/tenderer/agency.
4. **The consolidated amount to be charged has to be indicated in Indian Rupees in the Financial bid in .XLS format in BOQ of e-tendering. The conditional offer (s) shall, in no case, be accepted. The Institute shall not bear any extra charge on any account whatsoever.**
5. Service tax / GST, if applicable, will be liable to supplier / firm and same will be reimbursed against production on challan.
6. The Institute is not bound to accept the lowest or any other tenders and also reserve the right to accept the tenders in whole or in part.
7. The rates submitted by the tenderer shall not be allowed to withdraw. Non-accepting of supply order will be treated as failure on the part of tenderer & the Earnest Money/ Security Deposit/ Performance Security is liable to be forfeited.
8. Intending tenderers should have valid registration required for the above mentioned tender.
9. No advance or part payment will be made. Payment shall be made electronically only within a reasonable period after completion of the supply as per tender terms and conditions and after satisfactory verification of the installation by the indenter / concerned person/officer. Bank Account details for making e-payment must be provided along with the Bill.
10. The financial bid of only technically qualified firms will be opened.
11. The firm is being permitted to give tenders in consideration of the stipulations on the his part that after submitting his tenders, he will not resile from his offer or modify the terms and conditions thereof. If the tenderer fail to observe and comply with the foregoing stipulation the EMD will be forfeited by the RLBCAU. In the event of the offer made by the tenderer not being accepted, the amount of earnest money deposited by the tenderer will be refunded to him, in the manner prescribed by RLBCAU.
12. Rates are invited on FOR / FOB basis.
13. Single submission must be kept in one envelope.
14. In import case(s) prices to be quoted on FOB only.

15. Agency commission must be clearly mentioned in the submission in respect of import consignment(s).
16. The unit conversion value (on date) of the foreign currency quoted should be mentioned.
17. In case of Letter of Credit (irrevocable) in favour of the principals, the supply / delivery period shall be as per the standard norms and for any kind of amendment(s) on the request of the Indian agent in the Established Letter of Credit the additional bank charges shall be deducted from the deposit of the authorized Indian agent / agency concerned.
18. Payment terms in respect of the bank charges (in and outside India) must be mentioned clearly.
19. Willingness of post sales services & post warranty services must be mentioned.
20. AMC during post warranty period must be undertaken at reasonable rate & must be mentioned in the tender separately.
21. Proper insurance of the consignment must be arranged by the supplier and it will be paid in INR after receiving the goods at destination of the consignee.
22. The supplier(s) / agencies must provide standard warranty / guaranty of the stores supplied and will be responsible for timely installation / free training wherever required, failing which this Institute will be free to avail the facilities from other sources at the cost of the supplier / agency concerned.
23. The Vice Chancellor, RLBCAU, Jhansi, reserves the right to reject any or all quotations in whole or in part without assigning any reason thereof at any stage. The decision of the Vice Chancellor, – RLBCAU, Jhansi shall be final and binding on the Contractor/Agency/firm. Vice Chancellor, - RLBCAU also reserves the right to reduce or terminate the period of contract or to extend its duration in the interest of the RLBCAU for any justifiable reasons, not mandatory to be communicating to the tenderer.
24. Decision of Vice Chancellor, RLBCAU, Jhansi shall be final for any aspect of the contract and binding to all parties. That if any dispute and difference arises between the firm / supplier and RLBCAU, Jhansi the matter will be referred to the Sole arbitrator who will be amongst the OIC (Store) / other concerned officer of RLBCAU, Jhansi, nominated by the Vice Chancellor – RLBCAU, Jhansi. The decision of the sole Arbitrator so appointed shall be final and binding on the parties. Arbitration proceedings shall be governed by the Arbitration & Constitution Act, 1996.
25. All disputes are subject to Jhansi jurisdiction only.

OIC (Stores)

INSTRUCTIONS FOR ONLINE BIDS SUBMISSION :

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, Using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registration on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION :

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate Authority recognized by CCA India (e.g. Sify/TCS/nCode/eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then log into the site through the secured log-in by entering their User ID/ password and the password of the DSC/e-Token.

SEARCHING FOR TENDER DOCUMENTS :

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender Schedules. These tenders can be moved to the respective My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/email in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

PREPARATION OF BIDS :

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the name and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, they can be in PDF / XLS / RAR / DWF forms. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN Card Copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "MySpace" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS :

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee/EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be sent by post/ given in person to the Store Purchase Section, RLBCAU, Jhansi latest by the last date & time of bid submission. Failure to deposit the earnest money in office up to due date and time through offline mode will lead to rejection of bid. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download to BOQ file, open it and complete the white coloured (unprotected) Cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidders should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids, the portal will give a successful bid submission message and a bid summary will be displayed with the bid number and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS :

- 1) Any queries relating to the tender document and terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 18030702232.

Technical bid Cover-I

Details of Online Bid Submission: Bids (complete in all respect) must be uploaded online in Two Covers as explained below:-

COVER- I Technical bid (Following documents to be provided as PDF file)		
S.N.	Content	File Type
1.	Name & Address of the firm, Telephone No, E-mail Id, Fax No (All the above mentioned details may be attached in .PDF file in firm letter head with signature & seal)	.PDF
2.	Scan copy of Tender Fee by way of Demand Draft/Banker's cheque (no other mode will be accepted). Physically Tender Fee must reach to Store Purchase Section upto last bid submission date.	.PDF
3.	Scan copy of Earnest Money Deposit by way of Demand Draft/ /Banker's Cheque (no other mode will be accepted) Physically EMD must reach to Store Purchase Section upto last bid submission date.	.PDF
4.	Scan copy of constitution of the Firm/ Agency (Attached copy) Indian Companies Act, 1956 Indian Partnership Act, 1932 Please give names of partners) Any other Act, if not, the owners	.PDF
5.	Scan copy of Partnership firms whether registered under the Indian Partnership Act, 1932, please state further whether by the partnership agreement to arbitration has been conferred on the partner who has signed the Tender.	.PDF
6.	Scan copy of Registration certificate of the firm issue by the Govt. of India/State Govt	.PDF
7.	Scan copy of Permanent Income Tax No.Circle/ Ward (Individual/Firm/Company Name –clearly indicate)	.PDF
8.	Scan copy of GST No.	.PDF
9.	Scan copy of Service tax registration certificate issued by Govt. etc.	.PDF
10.	Scan copy of Name of the Representative to be visiting RLBCAU, Jhansi, regarding the contract.	.PDF
11.	Scan copy of complete bank details of bidder for e-payment	.PDF
Cover-II Financial Bid (Following document to be provided as .XLS file)		
1.	Price bid (BOQ) to be filled in .XLS format strictly as per proforma given	.XLS

All the documents and price bid (BOQ) has to be digitally signed by the bidder.

OIC (Stores)

Details & specifications of the Farm equipments ;

Sl. No	Name of the Equipment	Qty. required
1.	Laser Land Leveller	01
2.	Seed-cum-fertizer drill	01
3.	Multi-crop zero-till seed-cum-fertizer drill	01
4.	Raised-bed planter	01
5.	Rotavater	01
6.	Winnower / crop duster	01
7.	Bund maker	01
8.	Multi-boom power sprayer (Tractor - operated)	01
9.	Happy seeder	01
10.	Mold board Plough	01
11.	Dozzer blade	01
12.	Tractor trolley with hydraulic system	01
13.	Water tranker	01
14.	Post Hole Digger with Auger	01
15.	Multy-crop thresher	01
16.	Reaper cum binder	01
17.	Mini Tractor (15 hp)	01
18.	Power weeder	01
19.	Offset disc harrow (hydraulic)	01
20.	Disc plough	01

Technical specifications

1. Laser guided land leveler

1. Laser transmitter : Dual grade, Accuracy ± 10 arc Second, ± 1.5 mm per 30m
2. Laser eye receiver operating range : 20 to 55°C
3. Operating range : Minimum 800m Diameter
4. Operating temperature range (laser transmitter/ receiver range) :50 to 60°C
5. Battery life : Minimum 100Hrs.
6. Detection : 180°
7. Electrical input : 12V/ 24V DC
8. Beam Acceptable angle : 360°
9. Accessories: Tripod Stand, Field Master Drag Scraper (Width: 6ft), Mast, Grade rod, Automatic Double acting Hydraulic Valve, Control Box Direct survey Control,

2. Seed cum fertilizer drill :

1. Number of tines : 9-11
2. Tines type : Spring loaded
3. Hitch type : Three point linkage, CAT – I & II
4. Overall width : 72"-80"
5. Seeding width (row seeding) : 67"-70"
6. Row spacing : Minimum 7.5" (Adjustable)
7. No. of Hoppers : 02 separate (trapezoidal shape) with mechanism of feed rate control, mild steel box, MS sheet thickness > 1.0 mm
8. Type of seeding mechanism : Fluted roller type.
9. Type of fertilizer mechanism : Agitator with slider mechanism
10. Seed hopper capacity : Minimum 50 kg
11. Fertilizer hopper capacity : Minimum 50 kg
12. Type of seed box : Separators for each fluted roller for sowing mixed crop
13. Power to metering mechanism : From lugged ground wheel through chains & sprockets
14. Seed & fertilizer tubes : Transparent plastic tubes of minimum 1.0 mm thickness
15. Power requirement : Minimum 40 hp Tractor

3. Multi crop zero till seed cum fertilizer drill

1. Number of tines : 9-11
2. Tines type : Rigid tine
3. Hitch type : Three point linkage
CAT – I & II
4. Overall width : 72"- 80"
5. Seeding width (row seeding) : 67"-70"
6. Row spacing : Adjustable 21cm to 30 cm
7. No. of Hoppers : 02 separate (trapezoidal shape) with mechanism of feed rate control, mild steel box, MS sheet thickness > 1.0 mm
8. Type of seeding mechanism : Fluted roller type.
9. Type of fertilizer mechanism: Agitator with slider mechanism
10. Seed hopper capacity : Minimum 50 kg
11. Fertilizer hopper capacity : Minimum 50 kg
12. Type of seed box : Separators for each fluted roller for sowing mixed crop
13. Power to metering mechanism : From lugged ground wheel through chains and sprockets
14. Seed & fertilizer tubes : Transparent plastic tubes of minimum 1.0 mm thickness
15. Power requirement : Minimum 40 hp Tractor

4. Raised bed planter

1. Capable of forming beds and furrows in prepared seed bed
2. Power requirement Maximum 40 hp tractor
3. Capable of sowing the seed on prepared seed beds
4. Capable of operation with three point hitch system of tractor
5. Having ground wheel for operation of metering mechanism
6. Having provision of drilling fertilizer simultaneously
7. Type of metering mechanism : Fluted roller and inclined plate metering mechanism
8. No. of rows on each bed : Maximum Three rows adjustable
9. Number of beds : Two
10. Width of beds : Minimum 30 cm (adjustable)
11. Number of furrows : Maximum Three
12. Furrow opener : Knife type or chisel type or wedge type
13. Depth of furrow making : Adjustable with two depth control wheel
14. Shaper : Planer shaper

5. Rotavator

1. No. of blades : Minimum 36
2. Cutting width : Minimum 1.5m
3. Cutting depth : 15 to 20 cm
4. Required PTO RPM : 540
5. Hitch type : Three point linkage CAT – I & II
6. Tractor power : Maximum 45 hp

6. Winnower

1. Suitable for different crops like paddy, wheat, soybean, green gram, black gram, jowar etc.
2. Capacity : Minimum 500 kg/h
3. Power Source : Single phase Electric motor of 1-1.5hp

7. Bund Maker

1. Overall Dimension (LXW) : 1.2 m X 1.8m
2. Overall height : 1.15m
3. Material : Mild Steel
4. Obtainable range of bund Size : Base width 10-100 cm (Adjustable),
Height upto 100cm
5. Power requirement : Maximum 40 hp
6. Suitable for making bunds and channels in cultivated fields

8. Tractor Mounted Boom Sprayer

1. Power : 540 PTO rpm
2. Tank capacity : Minimum 350 litres
3. Swath width : Minimum 12 m
4. Number of Nozzles : Minimum 20
5. Nozzle spacing : Adjustable
6. Nozzle type : hollow cone/flat fan
7. Pump type : Positive displacement piston type
8. Minimum pressure : 350 psi
9. Accessories : Bypass, agitator, suction hose assemblies, control panel, agitator valve, pressure regulator valve, Volume regulator valve, pressure vessel, pressure gauge, adjustable link, HTP unit mounted on frame, propeller shaft for PTO, folding type boom with swivel arms

9. Tractor operated Happy Seeder

1. No. of tines : 9-11 spring loaded tines preferred
2. No. of blades : upto 36
3. Type of blade : Flail type
4. Row to row spacing : 225 mm standard and adjustable
5. Seed metering/ dropping : Fluted roller

6. Fertilizer metering : Fluted roller or sliding orifice type
7. No. of depth control wheel : Two (adjustable)
8. Covered separate seeds & fertilizer box of >1mm thick ms sheet
9. Available tractor power : 45 hp
- 10. Reversible Mould board Plough**
1. No. of Bottom : 2
2. Furrow width : > 300 mm
3. Working depth : > 300 mm
4. Turnover mechanism : Hydraulic
5. Power requirement : <45 hp Tractor
- 11. Dozer Blade (detachable from tractor) (**
1. Blade size : minimum 2.0 x 0.8 m
2. Dozing capacity : 30-35 cu ft
3. Effective lift from ground : > 1 m
4. Max reach at ground : 0.76 m
5. Power requirement : 45 hp Tractor
- 12. Tractor Trolley with hydraulic system**
1. Type : 2 wheel tipping trailer
2. Loading capacity : Minimum 4.5 ton
3. Volumetric capacity : Minimum 2.6 m³
4. Inside body dimensions (LxWxH) : Minimum 3x1.8x0.5 m
5. Tipping angle : 40-50 degree
6. Dropping Sides : Three side
7. Power requirement : < 40 hp
8. Tyre size : 900 x 16
9. Rims : double plated
10. Hydraulic cylinder : Telescopic with high pressure hose
- 13. Water tanker four wheel 4500 liter capacity**
1. Tank capacity : 4500 liter
2. Material : 4mm thick MS sheet with inside baffle plate provision,
3. Shape : Elliptical shape,
4. topside Diameter : 40-45 cm
5. Main chassis made : Indian Standard Medium Channel (ISMC)
6. Tyre size : 900 x 16
7. Coating material inner side : Suitable for drinking water
8. Coating outside : One coat primer & two coats enamel green paint and write up of University name in Hindi & English with white paint.
9. Diesel engine coupled with water pump on Tanker Chassis
- i. Diesel Engine : Minimum 8.00 hp
- ii. Water pump : Self priming,
- iii. Suction Pipe : 80mm diameter and 10 m length, flexible pipe
- iv. Delivery pipe : Connected to the water tank
- 14. Post hole digger**
1. Material : Mild steel
2. Auger Speed : 130-150 rpm
3. Auger diameter : 9", 12", 18", 24", 30" & 36"
4. Hole depth : Minimum 1 m
5. Required PTO Speed : 540 rpm
6. PTO shaft : Telescopic shaft with sheet bolt torque limiter
7. Mounting Category : Three point linkage, Cat I & II
8. Sturdy profile frame fitted with spring loaded stabilizer bar
- 15. Multi Crop Thresher (with Elevator)**
- Crop threshed : Wheat, Moong bean, Pea, gram, Lentil, Mustard, Millet etc.
- Type of cylinder : Rasp-bar
- PTO rpm : 540 rpm

Types of feeding	:	Feeding chute with conveyor belt and with reverse and forward gear control
Cylinder size (Tip diameter x length mm)	:	Minimum 600×1000 mm
Cleaning attachment	:	Aspirator/blower type
Heavy balance/flywheel wheel	:	Minimum wheel diameter 1.0 m & weight 140 kg
Material of flywheel	:	Made of cast iron
Capacity Kg/h	:	1800-2500
Threshing drum size	:	800-900 mm x 1100-1250 mm
Tool box	:	Tool box attached with machine with necessary tools – spanners kit required for the machine
Safety provision	:	All the rotating part are covered by safety guards
Transportation	:	Provided with transport wheel with tyre & tube of standard make
Power required	:	Tractor 40 hp & above

16. Self-propelled Reaper binder

1. Suitable for harvesting : Paddy, wheat etc
2. Width of Cut (mm) : >1m
3. Height of Cut (mm) : 10 – 110 cm (above the ground)
4. Diesel Engine : Minimum 10 hp
5. Gear : 4 Forward & 1 Reverse
6. Binding mechanism : Automatic

17. Mini Tractor

1. No. of cylinder: 1
2. Capacity : 800-900cc
3. Power : 10-15 hp
4. Brake Type : Dry disc brakes
5. Gear : 6 Forward and 3 Reverse
6. Matching implements : - Suitable trailer with sitting arrangement for operator
- Cultivator

18. Power weeder

1. Engine Type : Single Cylinder, Air Cooled, Petrol Engine
2. Engine Power : Minimum 5.5 hp
3. No. of Gear Speed : 2 Forward & 1 Reverse
4. Mode of Transmission : Through Belt & Chain
5. Avg. Depth of Cut : 10- 15 cm
6. Avg. Width of Cut : Minimum 2.5 feet (Adjustable)
7. Matching implements:
 - i. Rotary implement: 18/24/32/40 (adjustable blade)
 - ii. Cultivator: 3/5 Row (Adjustable Spacing)

19. Offset disc harrow hydraulic (wheel type)

1. Number of disc : 24
2. Working width : Minimum 2200mm
3. Disc size : 610 mm (24" approx.).
4. Disc Type : front gang disc cutway (scalloped) and rear gang disc plain type.
5. Disc spacing : 228mm (9" approx).
6. Gang bearing assembly : Heavy duty, covered bearing spool assembly.
7. Wheels : Two wheels of 7.50x16 pneumatic tyres, standard make.
8. Lift control for wheels : Double acting hydraulic cylinder.

9. Pressure hoses : Double wire braided high pressure hoses.
10. Gangs : Both front and rear gang adjustable for angle

20. Disc Plough

1. No. of furrow : 4
2. Furrow width : Minimum 250 mm
3. Disc diameter range : 600-700 mm
4. Power requirement : Minimum 60 hp
5. Accessories : Furrow wheel, scraper

Kind Attention: Bidder should fill the details of DD/BC in the columns & also signature on Claimant's for returning of EMD affixing with Rs. 1 Revenue stamp.



रानी लक्ष्मी बाई केंद्रीय कृषि विश्वविद्यालय

ग्वालियर रोड, पासुज बांध के पास, झांसी (यूपी) - 284003

(रानी लक्ष्मी बाई केंद्रीय कृषि विश्वविद्यालय अधिनियम, 2014 के तहत स्थापित)

Rani Lakshmi Bai Central Agricultural University

Gwalior Road, Near Pahuj Dam, Jhansi (U.P.) – 284003

(Established under the Rani Lakshmi Bai Central Agricultural University Act, 2014)

☎ : 0510-2730555

Web page: <http://www.rlbcau.ac.in>

GAR-43

[See Rule166(1)]

APPLICATION-CUM-BILL FOR REFUND OF DEPOSIT

Month

Bill No.....

Head of Account.....

Original Challan/DD/BC of Receipt No. & Date	Bank/Office in which deposited	Name of Depositor	Amount originally deposited

Received this.....day of.....20 the sum of Rupees..... being repayable on account release of deposit described above.

Claimant's Signature.....
(with revenue stamp affixed whenever necessary)

1. Received payment of Rs.....(Rupees) for arranging disbursement to Claimant(s)
2. Passed for payment of Rs.....Rupees.....

Date:

Drawing & Disbursing Officer

For in pay and Account Officer in case of endorsement 1 above.

Admitted for payment of Rs..... (Rupees.....Payment by Cheque No.....

Date

Finance and Account Officer

Delete whichever of endorsement 1 or 2 inapplicable.