

# **Tender Document**

**For**

## **"PURCHASE OF SEED PROCESSING MACHINERY PLANT EQUIPMENTS"**

**TENDER NOTICE**

**NAU/KVK/02/2017-18**



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**Navsari -396450**

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- Note:** 1. Please give PAGE NUMBERS in sequence to all documents uploaded online as well as sent in physical copies, including **sequential fresh page numbers** on each page of information uploaded online. **Please note only uploaded documents will be considered for opening commercial bid.** Kindly note that without physical submission of following documents company will be liable to be rejected on technical ground and commercial bid of the company/bidder/supplier not be opened without assigning any reason.
2. The same page numbers are required to be mentioned in CHECK LIST(Page No.17) uploaded online as well as in physical submission.
  3. Provide Photocopy proof of GST corresponding with sequential page nos.
  4. Only following **Five** documents required for physical submission. Please ensure not to submit unnecessary documents in physical submission.
    - a) Company details and Checklist (**Page No. 13 & 17**)in prescribed proforma (Submit copy online also)
    - b) Original signed Terms and Conditions (**Chapter – 8, Page No. 8-12**) on all pages (Submit copy online also)
    - c) Original non-blacklisted certificate on affidavit duly signed and Notarized (Submit online also)
    - d) Original Tender Fee Bank Draft (Submit copy online also)
    - e) Original EMD Fee Bank Draft (Submit copy online also)

## Chapter 1: Definations& Acronyms

<b>AMC</b>	Annual maintenance contract
<b>Authorized Representative</b>	From NAU side KrishiVigyan Kendra and any person authorized by the party concerned.
<b>Bidder</b>	The company/corporation who will participate in the bidding process.
<b>BIS</b>	Bureau of Indian Standard
<b>BoQ/ BoM</b>	Bill of Quantities/Bill of Material
<b>CA</b>	Chartered Accountant
<b>DNU/TUV</b>	Organization who give t ISO certificate
<b>DSIR</b>	Department of Scientific and Industrial Research
<b>EMD</b>	Earnest Money Deposit
<b>FMTTI</b>	Food and Machinery Testing and Training Institute
<b>GST No.</b>	Goods and Services Tax Number
<b>KVK</b>	KrishiVigyan Kendra, Navsari Agricultural University, Navsari
<b>Law</b>	Any Act, Notification, Bye Law, Rules and Regulations, Directive, Ordinance, Order or Instruction having the force of law enacted or issued by the Central Government and/ or the Government of Gujarat or any other Government or regulatory authority or political subdivision of Government agency.
<b>NAU</b>	Navsari Agricultural University
<b>NIT</b>	Notice Inviting Tender
<b>OEM</b>	Original Instrument/Machinery
<b>PO/WO</b>	Purchase Order /Work Order
<b>Purchaser/ Tendering Authority</b>	KrishiVigyan Kendra, Navsari Agricultural University, Navsari
<b>SD</b>	Security Deposit
<b>SLA</b>	Service Level Agreement
<b>Supplier/ vendor/ Successful bidder</b>	The bidder who will be finally selected and in whose name the work order/ purchase order will be released
<b>TDS</b>	Tax Deducted at Source as per rules of Government of India
<b>TSD</b>	Technical Supporting Documents
<b>User</b>	Party/Bidder/Supplier who is willing to participate in bidding process using nprocure.com
<b>University</b>	Navsari Agricultural University

## Chapter 2 : INTRODUCTION

Navsari Agricultural University is a pioneer institute in the South Gujarat region for transferring the agricultural technology to the farmers to increase the agricultural production. The KrishiVigyan Kendra is actively involved in transfer of latest technologies to the farmer's field by undertaking various extension activities viz. method demonstration, front line demonstration, farmers' training, farmers' day, field day, agril. exhibition, agril. fair, seminar, crop symposium, interface, farmer's meeting, krishangosthi, workshop etc. round the year.

Keeping this in view, KrishiVigyan Kendra, N.A.U., Navsari want to produce the quality seed of different pulses/cereals crops. The production of latest/recently released variety seeds of different crops helps in not only increase in awareness of variety but also increase the income of farmers and production and productivity of different crops. Therefore, KrishiVigaynKendra, Navsari installed the seed processing machinery plant equipments under the project of Seed hub sponsor by ICAR, New Delhi

## Chapter 3 : TENDER NOTICE

### **NAU/KVK/Seed Proce. Machinery Plant Equipments/02-2017-18**

#### **Purchase of Seed Processing Machinery Plant Equipments**

The KrishiVigyan Kendra, Navsari Agricultural University, Navsari invites bids from manufacturer/company/supplier/distributor of seed processing machinery plant equipment setc. work to be carried out for more than three years. The list of purchase item under this tender is given under beneath. The bids are invited by e-tender through website [www.nprocurer.com](http://www.nprocurer.com) or <http://au.nprocure.com>

Tender fee	Rs. 1500/-
Date of uploading the tender document	10/02/2018
The last date for online tender submission	03/03/2018 up to 18:00 hrs.
Last date for physical submission of Demand Draft of Tender fee, EMD and other document mention in Note -4 on Page-1 by R.P.A.D./Post/Courier	06/03/2018 up to 18:00 hrs.
Bid validity period	120 DAYS
Technical documents available on	<a href="http://www.nprocure.com">www.nprocure.com</a> and <a href="http://au.nprocure.com">http://au.nprocure.com</a>

## Chapter 4 : Instruction of bidder for Online Tender Participation

1. All tender documents can be downloaded free from the website <http://au.nprocure.com> or <http://www.nprocure.com>
2. All bids should be submitted online on the website <http://au.nprocure.com> or <http://www.nprocure.com>
3. All bids should be digitally signed. For the details regarding digital signature certificate and related training involved the below mentioned address should be contacted

(n)Code Solutions

A division of GNFC

301, GNFC Infotower, Bodakdev,

Ahmedabad 380054 (India)

Tel. : +91 79 26857316 / 17 / 18

Fax : +91 79 26857321

Toll Free Number : 1-800-233-1010

[www.ncodesolutions.com](http://www.ncodesolutions.com)

4. The user can get a copy of instructions to online participation from the website <http://au.nprocure.com> or <http://www.nprocure.com>
5. The service provider should register on the website through the “New User” link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.
6. The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.
7. For all queries regarding use of digital signature certificate should be addressed to personnel in M/s. (n) Code Solutions.
8. For all queries regarding tender should be addressed to the office address provided below.  
The Senior Scientist and Head,  
Krishi Vigyan Kendra,  
Navsari Agricultural University,  
Eru Char Rasta, Navsari – 396 450 (Gujarat)  
E-mail: [kvknavsari@nau.in](mailto:kvknavsari@nau.in) & [kvknavsari@yahoo.com](mailto:kvknavsari@yahoo.com)  
Phone: 02637 282008 Mo. No. 9825386435  
Fax :02637 282009

## Chapter 5 : List of Purchase Item

1. The List of purchase item shown in below table.

<b>SR. NO.</b>	<b>NAME OF SEED PROCESSING MACHINERYPLANT EQUIPMENTS</b>	<b>CAPACITY</b>	<b>QUANTITY</b>
<b>1</b>	<b>Fine Cleaner cum Grader</b>	<b>1 TPH</b>	<b>1</b>
<b>2</b>	<b>Gravity Separator</b>	<b>1 TPH</b>	<b>1</b>
<b>3</b>	<b>Vertical Bucket Elevator</b>	<b>2.0 TPH</b>	<b>2</b>
<b>4</b>	<b>Seed Treater cum Dressing</b>	<b>60 kg/ batch</b>	<b>1</b>
<b>5</b>	<b>Hand Operated Stitching Machine (Bag Closer)</b>	<b>-</b>	<b>1</b>
<b>6</b>	<b>Platform Weighing Scale</b>	<b>160 kg</b>	<b>1</b>
<b>7</b>	<b>Control Panel</b>	<b>-</b>	<b>1</b>

**Note** :Detail specifications with special terms and conditions of all above listed 7 purchase items are described underChapater -10 on page No. 14-16.

## Chapter 6 :Eligibility Criteria & DocumentSubmission (On line)

1. Valid registration certificates issued by competent authority are required to be produced by the bidder as per the nature of the manufacturer/distributor/supplier/dealerparticipating in bid process. The necessary documents are inquired for the same in e-tender checklist document submission.
2. The bidder has to provide copy of **income tax return for the assessment year 2015-16, 2016-17 and 2017-18**. The same need to be submitted in e-tender checklist document submission.
3. The bidder participating in this tender must **not be blacklisted anywhere and the self declaration has to be submitted on Company/supplier letter pad** on affidavit duly sing and notarized after the date of advertisement.. This declaration need to be submitted in e-tender checklist document submission.
4. The bidder has to submit copy of **Goods and Services Tax (GST) Number and Company profile** (as per requested format). The same need to be submitted in e-tender checklist document submission.
5. The bidder has to submit copy of Demand Draft of **Tender fee andEarnest Money Deposit (EMD)**. The same need to be submitted in e-tender checklist document submission.
6. Only those document/ certificate as per the **Note.-4 given Page No.-1must be sent through R.P.A.D./Post/ Courier** while the other required certificates may be scanned & sent through e-tender via [www.nprocure.com](http://www.nprocure.com) .
7. The bidder participating in this tender must be submit the **original sign term andcondition** (as per Chapter-8, Page No. 8-12). The same scanned copy need to be submitted in e-tender via [www.nprocure.com](http://www.nprocure.com) .

The first stage tender opening would be evaluation of technical bid bases on these documents inquired by university. Those Bidders who will qualify for the above mentioned Technical Bid will be eligible for Financial Bid. Only, checklist document submitted through nprocure.com will be considered for technical bid.

## Chapter 7 : Tender Fee, Earnest Money Deposit/Security Deposit

1.	<b>Tender Fee</b>	:	The bidder shall submit Tender Fee Rs. 1500/- (Rupees One thousand five hundred only) in favour of <b>NVS AGL UNIVERSITY KVKs REVOLVING FUND ACCOUNT</b>
2.	<b>Refund of Tender Fee</b>	:	The Tender fee is non-refundable
3.	<b>Amount of EMD</b>	:	The bidder shall submit an Earnest Money amounting to Rs. 45,000/- (Rupees forty five thousand only).
4.	<b>Submission of EMD</b>	:	Tender shall be accompanied by an earnest money, without which tender will not be considered. The amount should be deposited in the form of Bank Demand Draft of the scheduled Bank (drawn) in favour of <b>NVS AGL UNIVERSITY KVKs REVOLVING FUND ACCOUNT</b>
5.	<b>Refund of EMD</b>	:	The earnest money of unsuccessful Bidder will be refunded.
6.	<b>Address for Submission Of Tender Fee, EMD and Document</b>	:	Krishi Vigyan Kendra Navsari Agricultural University, Eru Char Rasta, Navsari – 396450 (Gujarat)
7	<b>Forfeiture of EMD</b>	:	The earnest money will be forfeited in the following cases :  <ol style="list-style-type: none"> <li>1. When Bidder withdraws or modifies the offer after opening of tender but before acceptance of tender.</li> <li>2. When Bidder does not execute the agreement if any, prescribed within the specified time.</li> <li>3. When the Bidder does not deposit the security money within fifteen days after the work order is given.</li> </ol>
8	<b>Security Deposit (SD)</b>	:	In the event of any lack in supply/commissioning of work/services, the successful bidder shall promptly take necessary action to resolve it, at no additional fees to the Purchaser.  Successful bidder shall deposit Rs. 75,000/- (Rupees Seventy five thousand only) as the <b>Security Deposit (SD)</b> money as follows : <ol style="list-style-type: none"> <li>1. Bank Demand Draft duly discharged in favour of <b>“NVS AGL UNIVERSITY KVKs REVOLVING FUND ACCOUNT”</b></li> <li>2. No interest will be paid by the University on the EMD &amp; Security Deposit.</li> </ol>



## Chapter 8 : Terms and Conditions

- Note:** 1) Terms and Conditions listed under chapter 8 are applicable to all purchase items. In addition to this, the product specification document of items may contain additional terms and conditions applicable to respective items.
- 2) Purchase of all seed processing machineries will be followed as per the Gujarat Government Purchase Policy resolution - 2016 dated 3.6.2016

### **1. General:**

- 1.1 Navsari Agricultural University (hereinafter referred to as “NAU”), for its various Departments (hereinafter referred to as “the purchaser”) for their requirement of Items(as mentioned in Chapter-5) intend to invite for supply and installation of seed processing machinery plant equipments across the various offices at Head Quarter as well as its sub centers across the seven districts (Surat, Bharuch, Navsari, Dang, Narmada, Tapi and Valsad) of South Gujarat region of Gujarat state. The scanned copy of the demand draft of the Tender fee and Earnest Money Deposit (EMD) (for details, see 1.24) as well as other relevant documents as per check list of the tender are required to be submitted online with the commercial bid on the website [www.au.nprocure.com/](http://www.au.nprocure.com/) [www.nprocure.com](http://www.nprocure.com). It is compulsory to submit the original all the documents mentioned in Note - 4 on page no. 1 of tender document physically in hard copy to **The Senior Scientist and Head, KrishiVigyan Kendra, Navsari Agricultural University, Eru Char Rasta, Navsari – 396 450 (Gujarat)** on or before 06/03/2018 up to 18.00 hrs.
- 1.2 Authorized dealers can quote their rates provided that they need attach relevant certificate of authorized dealership issued during previous/current year: 2016-17 or 2017-18 **from the manufacturer / principal company**. Authorized dealers representing the same company / instruments are free to compete for price, terms, warranty period etc.
- 1.3 All the communication/correspondence should be signed and stamped on each page by the designated authorized representative of the bidder.
- 1.4 Technical Supporting Documents (TSD) should contain original Demand Drafts of Tender Fee and Earnest Money Deposit (EMD). In addition to these, TSD should also contain the documents mention in Note - 4 on Page no. 1. The envelope must be marked as “**E-tender-NAU/KVK/Seed Proce. Machi. Plat Equip./01-2017-18 : Technical Supporting Documents (Technical bid)**”. If bidder fails to submit the TSD offline within time limit, the commercial bid will be disqualified. Please note that the scan copy of document uploaded must tally with original physical submission.
- 1.5 The prices shall be inclusive of all freight, packaging and forwarding, transit insurance, installation charges, applicable **taxes including the GST** as per recent government rules & regulations **as well as FOR destination**. The **rate should be quoted per unit as specified in Chapter 5**.

Date: - - 2018

Signature of Bidder

- 1.6 The bid is non-transferable.
- 1.7 Amendment of bidding documents (corrigendum)
- 1.7.1 At any time prior to the deadline for submission of bids, NAU may, for any reason, whether its own initiative or in response to the clarification request by a prospective bidder, modify the bidding documents.
- 1.7.2 The corrigendum will be published only on following on website <http://www.nau.in> and [www.nprocure.com](http://www.nprocure.com) only.
- 1.7.3 In order to allow prospective bidders reasonable time to take into consideration the amendments while preparing their bids, at its discretion, NAU may extend the deadline for the submission of bids.
- 1.8 Bid currency - Prices shall be quoted in Indian Rupee only.
- 1.9 The items shown in the Chapter-5 are subjected to requirements and the same may be purchased or may not be purchased without assigning any reason.
- 1.10 The successful bidder shall have to execute the purchase orders placed on any date during the validity of the tender at the rate, terms and conditions of the tender.
- 1.11 All the electronics items/machinery should comply to international standards for safety, Electromagnetic Emissions, Electromagnetic Immunity etc.
- 1.12 NAU may not issue 'C' or 'P' form of sales tax or any other type of tax relaxation form of Government and the bidders are therefore requested to quote the rates of sales tax or any other taxes payable in absence of such forms/declarations.
- 1.13 Rate should be quoted along with all applicable taxes.
- 1.14 The Bidder shall bear all costs associated with the preparation and submission of its bid and Tendering Authority will not be responsible or liable for these costs.
- 1.15 The rate will be finalized on comparing **Lowest (L<sub>1</sub>)price of whole seed processing machineriesplant, not on the basis of individual machinery/instruments basis**, then a panel of interested parties will be decided.
- 1.16The lowest price is not the criteria and emphasis is placed on quality and specifications of the material. The NAU has right to reject any or all the offers and invite fresh quotations if need arises. The NAU further reserves the right of selecting the brand and accepting or otherwise any of the conditions stipulated by bidder.

Date: - - 2018

Signature of Bidder

- 1.17 If in any case the quoted item is not available in the market, the successful bidder will have to supply higher version/replacement of that item in the quoted cost in the same time duration with prior approval of NAU.
- 1.18 The successful bidder will held responsibility for the items sufficiently and properly packed for transport so as to ensure their being free from loss / damage / injury on arrival of destination NAU premises. The material should be supplied in the original company's packing which shall indicate packing details and other particulars as required under the statutory provisions. Inner and outer packing of boxes / cartons should be of standard design. The final packing of cartons of corrugated boxes shall be complying with ISS standards. A packing slip shall indicate clearly and legibly the name of the product, batch number, quantity, date of manufacturer, date of expiry, gross and net weight, and consignee's name & address and other particulars as required. In the event of breakages or loss of items during transit / installation against requisition order the said quantity will have to be replaced/supply by the supplier (Selected bidder) without any additional charges.
- 1.19 Tender Supporting Documents (TSD) received late and/or not submitted in the prescribed formats or in the prescribed manner, incomplete in any respect or not accompanied by prescribed mandatory documents are liable to be rejected. NAU will not be responsible for non-receipt of tender within the specified date and time due to any reason including postal delays.
- 1.20 **All rights are reserved with the University Authority to accept or reject any or all the tenders received without assigning any reasons thereof.No further discussion/ interaction will be held with the bidders whose bids have been disqualified/ rejected by the purchaser.**
- 1.21 The NAU may place repeat orders against the acceptance of tender within a period of validity, subject to the same terms and conditions originally provided in advertised tender and selected bidder shall accept the same.
- 1.22 **Successful bidder failing to provide after sales services would be permanently blacklisted.**
- 1.23 All documents uploaded as well as sent in physical form as mentioned in Note - 4 on page no. 1 must **BEAR PAGE NUMBERS in sequence, including sequential fresh page numbers given on each page of printed /photocopy material uploaded online.** The same page numbers must be mentioned in CHECK LIST (Page no.17 ) provided.

Date: - - 2018

Signature of Bidder

- 1.24 Relaxation in tender fee, EMD will be considered as per **Gujarat Government Purchase Policy resolution - 2016 dated 3.6.2016, however, for availing such benefits concern firm has to submit / attach certificate or relevant letter issued recently by the government otherwise relaxation benefit will not be extended to such firm and tender quoted, may be rejected.**
- 1.25 For finalization of purchase, **Gujarat Government Purchase Policy resolution - 2016 dated 3.6.2016 will be followed so as to promote "Make in India" policy of the Government.**
- 1.26 The Tendering Authority reserves the rights to seek clarifications on the documents submitted.
- 1.27 The Tendering Authority shall have the rights to see and inspect all supply material and work process at any time. The inspection carried out by the Tendering Authority shall not relieve the Bidder from any of his obligations under the work contract. The materials/instrument/parts used for preparation of seed processing machinery plant equipments must be as per the specification mention in Chapters 10 page no. 14-16.
- 1.28 Reservation of Rights: The purchaser reserves the right to:
- Extend the Closing Date for submission of the Proposals.
  - Amend the proposal requirements at any time prior to the Closing Date, provided that the amendment is notified to prospective bidders through website [www.nau.in](http://www.nau.in)
  - Make enquiries of any person, company or organization and their documents to ascertain information regarding the bidder and its proposal.
- 1.29 For query regarding detail specification of the instruments, firm can contact KrishiVigyan Kendra, NAU, Navsari, preferably during office hours.

## **2. Payment:**

- Advance or part payment will not be entertained.
- No interest will be paid by the University on the EMD& Security Deposit.
- Security Deposit will be refund after the one year of successful run the seed processing machinery (warranty period 12 month).**

Date: - - 2018

Signature of Bidder

**3. Delivery:**

The application for extension of delivery period shall be sent to concern ordering office of Navsari Agricultural University at least 5 days prior to the expiry of delivery period of each items. The officer in charge, who is placing the order, may grant extension or reject the application and their decision in the matter shall be final and binding to all.

**4. Warranty:**

4.1 Period of Warranty: The bidder must provide comprehensive onsite warranty for **minimum 1 year or as asked in specifications**, from the date of installation for all items. Please clearly mention the parts, which are not covered under warranty, separately.

4.2 **If any instrument(s), properly not working and repetitively fault is found, during the warranty period, the bidder shall replace the item with new item without any additional cost to the purchaser. Even after replacing the seed processing machinery will not be run satisfactorily during warranty periods/ damage found in any part the company should be declared as Blacklist Company and the Security deposit will not be refunded.**

**5. Demonstration:**

**Supplier has to perform on-site live demonstration of seed processing machinery as per trial requirements of concerned scientist with bidders'/ suppliers'. After the satisfactory trail run of seed processing machinery, the payment for the same will be done by purchaser/tendering authority.**

**6. Dispute:**

In case of any dispute, final decision of The Purchase Committee, Navsari Agricultural University, Navsari – 396 450 will be binding upon all. In case of any dispute arises in respect of this tender, a suit in that behalf shall be subject to Navsari Jurisdiction.

I/We have read and agreed to the terms & conditions of the tender document. I/We agree to do the work as per the lowest rate given by any party/agency.

Place:

Date : / /2018

Signature of the Bidder/party  
(Name and Designation stamp)

## Chapter 9 : Company Profile

1.	Name of the agency/bidders	:	
2.	Permanent address	:	
3.	Address for Correspondence	:	
4.	Contact details	:	
	Office landline No.	:	
	Residence landline No.	:	
	Mobile No.	:	
	Fax No.(optional)	:	
	E-mail address (optional)	:	
5.	Tender Fee (Demand Draft No. & Date)	:	
	Amount	:	
	Bank Name	:	
6.	EMD (Demand Draft No. & Date)	:	
	Amount	:	
	Bank Name	:	
7.	Valid Registration No. from competent authority	:	
8.	Income Tax No./PAN No.	:	
9.	Goods And Services Tax Number(GST)	:	
10.	Experience Details	:	

I agree and accept the rules and conditions of the tender document.

Place:

Signature of the party

Date :

(Name and Designation stamp)

## Chapter 10 :Technical Specification

S. N	Items/Instrument/ machineries	Items with Specifications per one unit
1	<b>FINE CLEANER CUM GRADER</b>	<p>Input Capacity : 01 Ton/hr Wheat Basis            Fan Motor : 03 HP.            Sieve Boat Motor : 01 HP.            Sieve Boat Construction : Compressed seasoned laminated wooden sieve deck.  <b>Travel Length of seeds on Screens : Around 490 cm</b>  <b>Top Screen : 700mm x 515 mm ( LxB) 1 No.</b>  <b>Middle Screen : 700 mm x 515 mm ( LxB) 3 No.</b>  <b>Bottom Screen : 700 mm x 515 mm ( LxB) 3 No.</b>  <b>Total Area of Screens : 2.5 Sq. M.</b>  <b>Deck Oscillations : 300 – 320 RPM</b>  <b>Perforated Screens : CNC punching minimum thickness of screens 1 mm with wooden frame.</b>  <b>Air control : Aspiration fan with variable air control arrangement to lift the light impurities small weed seeds, husk and dust.</b>  <b>Frame MS channel for Structural Stability : 15.50 cm x5 .0 cm x 0.3 cm</b>            Sieve Cleaning System : By Bouncing rubber balls.            No. of Aspirations : 02 Nos. pre &amp; post aspirations  <b>Feed Roller : Uniform Seed Feeding on screens</b>            Auger : For impurities Outlet.            Bearings : SKF/NTN            Motor Make : Crompton/Siemen            Outer construction : Painted steel            Electric Supply : 440V, 3 Phase AC.  <u><b>Accessories:</b></u>            (a) Air Trunk and Cyclone dust Collector - 01 Set            (b) Additional Sieves - 03 Set</p>
2	<b>GRAVITY SEPARATOR</b>	<p><b>Salient feature:</b>            1. Rectangular type wooden and steel deck for greater capacity and accuracy, durability and quickly &amp; easily interchangeable type.</p>

		<ol style="list-style-type: none"> <li>2. Fans are dynamically balanced with individually adjustable air control for each fan for control of air flow.</li> <li>3. <b>Variable oscillation speed of deck in wide range with the help of VFD.</b></li> <li>4. Variable inclination of deck side wise and length wise.</li> <li>5. Seed collecting spouts are coating fitted with bag holding clamps.</li> <li>6. Feeding Hopper for uniform feeding on deck.</li> <li>7. Air filter windows with fine wire mesh.</li> <li>8. Overall Machine size : L – 2.05 M      W – 1.36 M      H – 1.30 M</li> <li>9. Deck size of machine : L – 1.58 M      W – 0.90 M</li> </ol> <p><b><u>Specification:</u></b></p> <p>Capacity : 01 Ton/hr Wheat Basis  No. of fans : 03  Type of deck : Rectangular type,  Electric Motor : 5 HP(Blower) and 1.5 HP (DECK OSCILLATION) 3Ph  50 cycle AC supply make Crompton/Siemens,</p> <p><b>CRCA sheet for body with min thickness 4 mm for less sound and structural stability.</b></p> <p><b>Note:- Extra deck is required for the pulses crop like Pigeon pea, Gram, Grengam and Black gram</b></p>
3	<p style="text-align: center;"><b>VERTICAL BUCKET ELEVATOR</b></p>	<p>The V.B. Elevators are required to carry seeds from feeding hopper at floor level to machinery hopper at elevated point. This machine is made of M.S. Sheets body, rubber belt moving on pulleys and buckets for carrying seeds. The boot section of elevator should be openable shutter on one side of boot section and with wire mesh cover on input hopper</p> <p>Capacity : 2.0 Ton/hr Wheat Basis  Type : Centrifugal Discharge belt type  Material to be handle : Free flowing granular materials  Discharge chute : provided with set up  Coating : Two coats of Enamel paints  Bucket Material : Nylon Bucket Size 10 cm * 10 cm  Material of Belt : Nylon cotton/Rubberized woven 5 Ply  Speed Reduction : By Gear Box of Suitable Gear ratio  Elevator Motor : Maximum 1 HP Crompton/Siemens.  Gear Box : Suitable gear reduction ratio make Radicon/ Elecon/ Power Build/Branded  Construction : Standard MS Sheet boot section min. 2.50 mm, Middle section Min.1.60 mm, Top</p>



		Section Min.2.0 mm <b>Accessories</b> : Service Platform, Ladder Screen set etc
4	<b>SEED TREATER CUM DRESSING</b>	Capacity : 60 Kg/ batch. Operation : electrical and manually. Seed Treatment : Suitable to treat seeds with dry powder or wet chemical. Material of : Mixing drum made of stainless steel with fins. Frame made of construction mild steel. Motor : 1HP, 220V, 1440 RPM, single phase, 50/60 Hz. Blending drum size : 600 mm x 1000mm(D x L). Transmission : V-belt
5	<b>Hand Operated Stitching Machine (Bag Closer)</b>	No. Bag closer for stitching seed containers should be provided along with machines. The make of stitching machine can be REVO/STICHWELL/ANY OTHER STANDARD MAKE. Type of stitch : Single thread chain stitch Swing speed : maximum 1600-1800 stitch per minute Stitch length : 3.5 stitch per inch (Fixed) Cutter Type : Mechanical Power : 0.1 hp, 8000 rpm, 220 V Requirement : 1.3 Amps
6	<b>PLATFORM WEIGHING SCALE</b>	<b>Capacity : 160 kg</b> <b>Resolution :- 20 gm</b> <b>Platform Size : 60 x60 cm</b> <b>PAN : 14 SWG stainless steel of various size</b> <b>Bottom frame : 1.25", 146 SWG square pipe powder coated with rubber leveling screws.</b> <b>Top frame : 1.25", 14 SWG square pipe</b> <b>Power supply : 220 W AC input, 9 V, 1 A out put</b> <b>Computer Inter face : inbuilt RS 232 inter face</b> <b>Display : LCD/LED Display</b> <b>Additional requirement : Back guard for platform weighing scale</b> Weighing Range 100 kg. , Readability 10g, Square pipe frame, overload protection, calibration facility, LCD/LED display.
7	<b>Control Panel</b>	<b>A central electric control panel equipped with main on and off switch, volt meter, change over switch, ammeter, phase indicator, emergency switch, contactors with protective relays and fuses make L &amp; T, Crompton, Siemens, Anchor, ABB . All cables make Polycab and wires Anchor etc.</b>

## Chapter 11 : Checklist

S. N	Documents		Page No. of Physical Bid
1.	Scan copy of certificate of company registration/ Proprietary / partnership deed, Shop Act Registration /Partnership deed / Memorandum of article / Registration of firm / Small Scale Industry Registration etc.	Mandatory	
2.	Scan copy of Goods and Services Tax Number Certificate (GST)	Mandatory	
3.	Scan copy of last three years income taxreturn for the assessment year 2015-16, 2016-17 and 2017-18	Mandatory	
4.	Scan copy of sign term and condition (Chapter-8, Page No.8-12)	Mandatory	
5.	Scan copy of Company profile (Chapter-9, page No-13)	Mandatory	
6.	Scan copy of not blacklisted certificate of company/bidder/supplier on affidavit duly sign and notarized after the date of advertisement	Mandatory	
7.	Demand Draft for Tender Fee @ Rs.1500/- <b>DD. No.</b> _____ <b>Date</b> _____	Mandatory	
8.	Demand Draft for EMD @ Rs.45,000/- <b>DD. No.</b> _____ <b>Date</b> _____	Mandatory	
9.	Scan copy of certificate of authorized distributor/ supplier from the manufacture/principal company (applied for only the dealers/distributors)	Mandatory	

Place:

Date :     /     /2018

Signature of the party

(Name and Designation stamp)