

**AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED.
(A Government of Jammu & kashmir Undertaking)
7,Romesh Market, Shastri Nagar,
Jammu.**

E-TENDER NO. 02 of 2018

**FOR SUPPLY, INSTALLATION & COMMISSIONING OF MACHINES & EQUIPMENT FOR SEED
PROCESSING PLANTS ON TURNKEY BASIS.**

TENDER SHOULD BE SUBMITTED IN TWO BIDS SYSTEM ONLINE ONLY

TENDER DOCUMENT AVAILABLE FOR ONLINE SUBMISSION :

ON JKtenders.gov.in :

OPENING OF TENDER (ENVELOPE NO.1 – TECHNICAL BID) :

COST OF TENDER FORM

: Rs. 5,000/- (Rs five thousand only)
to be paid online or in favor of J&K
State Agro Industries Development
Corporation limited Jammu.

Tender to be submitted to:

MANAGING DIRECTOR.
AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED JAMMU,
Romesh Market, Shastri Nagar, Jammu.
Phone No. 9419234845, for enquiry & information.
E-mail: md@jkagro.com! Website: www.jkagro.com

AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED.
(A Government of Jammu & Kashmir Undertaking)
7, Romesh Market, Shastri Nagar,
Jammu.

No. Agro/MD/4727.

Date: 06-02-2018.

"E-TENDERING NOTICE NO. 02 of 2018

**FOR SUPPLY, INSTALLATION AND COMMISSIONING OF MACHINES & EQUIPMENT
FOR SEED PROCESSING PLANTS ON TURNKEY BASIS.**

Agro Industries Development Corporation Ltd., Jammu invites online e-tenders (In Two Bids system) for Supply, Installation & Commissioning of Seed Processing Machines & Equipments detailed given as below only from the Manufactures & Suppliers of these Machineries and Equipments.

S.no.	Name of Machinery & equipments	Cap.	Qty. in no.	EMD Amount in Rs	Cost of tender documents in Rs. (non refundable)
1.	SEED PROECSSING MACHINES & EQUIPMENT				
i	Seed processing plant at Talab Tillo Jammu (Stationer)	4-5 TPH	One	1,00,000.00	Rs 5,000.00

1. Parties participating for Seed Processing Plant Machines & Equipment will have to fill up single tender and technical documents for consideration along with requisite amount of EMD for each Seed Processing Plant Machines & Equipment. EMD amount should be submitted in the shape of DD in favour of J&K State Agro Industries Development Corporation limited Jammu.
2. The eligibility criteria for participation in the tender is given in the tender documents & as per form of technical bid section III annexure 'A'.
3. Tenders will be available on jktenders.gov.in
4. Envelope-1 (Technical Bid) may be opened on 23.02.2018 at 12:00 PM and Envelope-2 (Price Bid) will be opened on the suitable date & time in corporate office, Jammu, which will be communicated to all responsive bidders through e-mail & phone.
5. Tenderers should submit both Technical bid and Price bid strictly as per instructions to tenderers given in Part-A of the tender documents.
6. Tender not accompanied with requisite amount of EMD & Tender Cost and not submitted as per instructions contained in the tender document are liable for rejection.
7. The tender shall be deposit in the cost of tender through RTGS in the following **Account no. 0097010100000961, IFCS Code. JAKAOTNHALL, Bank. Jammu & Kashmir Bank.** The proof of the depositing the amount shall be paid the technical bid or through DD in favour of J&K State Agro Industries Development Corporation limited payable at Jammu.
8. AIDCL reserves the right to accept or reject any one or all tenders without assigning any reason thereof and the right for evaluation and decision based on tender submitted on line. Any further Corrigendum (s) to this tender shall be published only on our website/e-portal jktenders.gov.in.

Sd/
(Rakesh Khajuria)
Managing Director

PART 'A' SECTION – I

AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED.

(A Government of Jammu & Kashmir Undertaking)

7,Romesh Market, Shastri Nagar,

Jammu.

INSTRUCTIONS TO TENDERER

1. ADVICE FOR TENDERERS :

The tenderers are advised in their own interest to carefully read the tender documents and understand their purport unless the tenderer specifically states to the contrary in respect of any particular clause, it shall be presumed that he accepts all the terms and conditions as have been laid down in the tender document.

2. ELIGIBILITY CRITERIA :

Tenderers interested to quote against this tender must quote for complete line containing all Machine / equipment for the plant of one or more than one plant in a Part "B" annexure-I. Tenderer should furnish requisite amount of EMD & Tender Cost along with all valid and required documents to full fill the requirement criteria of eligibility. The rates should be for supply, installation, testing and commissioning Of seed processing plant complete in all respects.

3. SUBMISSION OF OFFER :

Offer must be submitted in the prescribed tender form provided in part "A" of the tender document at Section-III as well as" Technical Detail of Offered Machines " in the Part "B" annexure-I on line. The tenderer may attach additional sheets to the tender form wherever detailed description is necessary. Only that party should tender who accepts all the terms & conditions because conditional tender may be treated as void.

4. DEVIATION IN SPECIFICATION:

Normally no deviation from the specification laid-down in part "B" will be accepted. However, if the tenderer feels that he can supply equivalent or better items, which shall fulfill the requirement of AIDCL with different specifications, the tenderer should describe as to what respect and to what extent the item offered by them deviate from the specification even though deviation may be minor and how it will meet requirement.

5. DELIVERY OF GOODS:

The delivery period so specified in clause no.4 of section-II of Part " A" will be the essence of the contract. It would be clearly understood that any delay in delivery will cause unascertainable damages to the Corporation. Only those parties should tender who are in a position to stick to the delivery prescribed. Their attention is also invited to clause 10 of section-II of Part "A" relating to liquidated damages, which shall be binding.

6. PRINTING LANGUAGE :

The tenderers should enclose with their offers descriptive catalogues, leaflets and engineering drawings supplementing the description and point out any special features/advantages of their equipment quoted. All the literatures, leaflets engineering drawings etc. should be in English/Hindi or accompanied by English/Hindi translation in case the language is other than English/Hindi. This should be adhered to, strictly to enable objective evaluation of offers.

7. TEST REPORT or LIST OF USERS :

Tenderers should also enclose with their offers the test reports from any recognized agency with respect to their equipment. In case the equipment do not have any test report, the tenderers may furnish the list of actual users of the equipment with their full & complete details for reference.

8. ACCESSORIES & FITTINGS and ANNUAL MACHINERY MAINTENANCE CONTRACT:

The tenderer should indicate the followings separately in summary form:

(a) Accessories and fittings which are standard with the equipment as well as such of the accessories / fittings which though not considered standard, are included in the scope of supply and include in the price bid.

(b) Accessories/ fittings, which may occasionally or frequently be required but have been specifically excluded by the tenderer from the scope of supply and should quote their price separately.

(c) Annual site Machinery Maintenance contract of machineries of plant offered in the tender for next three years after expiry of performance guarantee should quote their rate separately. However, this may or may not form part of Purchase decision.

9. SPARE PARTS:

The list of spare parts with cost of individual item required for various equipment should be submitted separately along with the offer. It should include such quantity of operational spare parts as is required for smooth running of the equipment for 12 months from the date of commissioning.

10. QUOTATION OF PRICES :

Tenderer shall give a final firm and net per unit price free from all escalation. Request for increase in price will under no circumstances be considered after opening of the tender. For the purpose of comparison and evaluation of bids, the tenderers are required to quote their rate for entire work on Turnkey basis as indicated in the part- "B" annexure-I of the tender documents.

A) The rates should be quoted for the offered items on the basis of F.O.R. Destination door delivery including all taxes Packing & Forwarding charges etc. The inspection, Verification and Testing charges will be borne by AIDCL and hence these charges should not be included in the rate offered.

11. PRINTED TERMS & CONDITIONS OF TENDERING FIRM :

Printed terms and conditions of the tenderers shall not be considered and the same shall not be binding or become part of the contract unless any of such terms is specifically laid down by the tenderer in the tender and accepted by the Corporation in writing except to the extent stated above, it will be deemed that the printed terms and conditions of the tendering firms have been rejected by the Corporation.

12. EARNEST MONEY: AS PER NIT

In the shade of DD drawn in the name of J&K State Agro Industries Development Corporation limited payable at Jammu from any nationalized bank.

The tenderers without E.M.D & cost of the tender document shall be rejected. The tenders shall have to enclosed the proof of deposit of these amount with hard copy of their documents & in technical bid also

13. PROFORMA AND SIGNING OF TENDER :

(a) Tenderers are required to submit their on line copy of tender as per the prescribed Performa given in the tender document. The Tender prepared by the bidder and all correspondence and documents relating to the tender exchanged by the tenderer and purchaser, shall be written in the English / Hindi languages. Each copy of the tender should be completed in all respect and should preferably be bound in one column. All pages of the tender and enclosures should be numbered consequentially and shall be signed by the Tenderer or a person or persons duly authorized to bind the Tender to the Contract. The letter of authorization shall be indicated by written power of attorney accompanying the Tender. All pages of the Tender except for un-amended printed literature shall be initialed by the person or persons signing the Tender with stamp. The bid shall contain no interlineations erasures or overwriting except as necessary to correct errors made by the tenderer, in which case such corrections shall be initialed by the person or persons signing the bid. .

14. DEADLINE FOR SUBMISSION OF TENDERS :

As per NIT.

15. LATE TENDER :

The late tender shall not be accepted.

16. OPENING OF TENDER :

The technical bid will be opened on 23.02.2018 at 12:00 PM

17. CLARIFICATION OF BIDS:

To assist in the examination, evaluation and comparisons of tenders, the purchaser may at it's discretion, ask the tenderer for clarification of its bid .The request for clarification and the response shall be in writing and no change in price or substance of the bid shall be sought, offered or permitted.

18. FORFEITURE OF THE EARNEST MONEY:

Earnest Money may be forfeited. (a) If a tenderer withdraws its tender during the period of Tender validity specified on the Tender Form: OR (b) In case of a successful Tenderer, if tenderer fails:

- (i) To sign the contract
- (ii) To furnish security deposit in.

19. DISPUTES or DIFFERENCES:

All disputes or differences that may arise in connection with this tender or the interpretation of any of its terms or in any other way related to this tender directly or indirectly shall be referred to arbitration in accordance with the clause relating to "settlement of disputes" General conditions of the contract.

20. VALIDITY OF OFFER:

The tenderer shall keep their offers open for acceptance for a period of 30 days from the date of opening of the tender. In case the last date happens to a holiday, offers shall remain open for acceptance till the next working day. Tenderers with shorter validity period, subject to prior sales, immediate acceptance and any such similar conditions are liable to be rejected.

21. AWARD CRITERIA: -

The purchaser / Corporation will award the contract to the successful tenderer whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated tender, provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

22. PURCHASER'S RIGHT TO VARY QUANTITIES AT TIME OF AWARD: The Purchaser/ Corporation reserve the right at the time of award of contract to increase or decrease by up to 20-25% of the quantity of goods specified in the schedule of Requirements without any change in price or other terms & conditions.

23. PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS:

The Purchaser / Corporation reserves the right to accept or reject any or all Bids, and to annul the tendering process and reject all Bids any time prior to award of contract, without thereby, incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenders of the grounds for the purchaser's action.

24. NEGOTIATION:

Corporation reserve the right to carry out market survey to arrive at the reasonability of the rates quoted by the tenders, however the lowest market rates shall be offered to the lowest tender.

27. SPLITTING OF ORDERS:

The Purchaser/Corporation may decide to split the order among two or more tenderers according to exigencies of the cases at L-1 rate.

28. CONTRACTS:

(a) SIGNING OF CONTRACT:

The successful tenderers within 7 days from date of issue the Purchase Order, shall sign and date agreement. The terms and conditions contained in the tender document will be considered to be part of agreement, any variation in the terms and conditions as may be suggested by the tenderer and accepted by the Corporation will be part of the agreement. The cost of stamping for agreement shall be borne by the successful tenderer. However, to expedite execution of the agreement, the Corporation shall purchase the stamp paper on behalf of the supplier and send typed agreement for signature of the suppliers. The cost of stamp paper shall be recovered from the supplier payments.

(b) SECURITY MONEY :

The Successful Tenders within 7 days from date of issue of purchase order shall furnish the security money in accordance with the condition of the contract, Security Money can be furnished @5 % of the value of the purchase order in shape of Demand Draft or in the form Bank Guarantee, Failure of the successful tenderer to submit the security money shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD, in which event the purchaser/Corporation may make the award to the next lowest evaluated bidder or call for new bids.

29. REFUND OF EARNEST MONEY:

(A) Unsuccessful tenderers: In case of unsuccessful tenders who do not, withdraw their offers before the receipt of final decision, the earnest money shall be returned, without interest after the finalization of tenders or after expiry of validity period of the respective offer, whichever is earlier by means of RTGS and the Corporation will not be responsible for reimbursing to the tenderers the Bank's commission for encasing the same.

(B) SUCCESSFUL TENDERERS:(i) The successful tenderers shall deposit the security money within 7 days from the date of issue of purchase order, deposit by demand draft or furnish Bank guarantee.

PART 'A' SECTION – II

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

GENERAL TERMS AND CONDITIONS OF THE CONTRACT

1. TRANSFER AND SUBLETTING:

The supplier shall not sublet, transfer, assign or otherwise part with the contract to any person, firm or Company directly or indirectly or any part thereof without the previous written permission of the Corporation.

2. INDEMNITY:

The supplier shall at all times indemnify the Corporation against all claims which may be made in respect of the said items for infringement of any right protected by patent, registration of design or trade mark provided always that in the event of any claim in respect of an alleged breach of a patent registered design or trade mark being made against the Corporation, the Corporation shall notify to the supplier of the same and the supplier shall be bound, but at his own expenses, to conduct negotiations for settlement or prosecute any litigation that may arise there from. In the event of the Corporation becoming liable to any amount on any aforesaid account the supplier shall make good the amount so payable and the expenses incurred on that behalf.

3. SIGNING OF AGREEMENT & SECURITY DEPOSIT:

The supplier shall within 7 days from the date of issue of purchase order furnish security deposit along with agreement on non-judicial stamp paper as per prescribed Performa, with the Corporation to the extent of 5% of the contract price towards security for the due fulfillment of the conditions of the contract. The security deposit shall be furnished in the following manner.

(A) By means of a Demand Draft on any Scheduled Commercial Bank payable in Jammu & Kashmir in favor of J&K State Agro Industries Development Corporation Ltd.,

OR

(B) By means of Bank guarantee as per prescribed Performa of the issued by any Scheduled Commercial Bank but preferably of Nationalized Bank of any branch and Authorized Signatory of the firm should furnish the affidavit stating therein that Bank Guarantee has been taken from the concerned branch of the Bank for the purpose enumerated therein.

OR

(C) In case of Order executed but non-submission of Security Deposit, the same will be deducted from first 90% payment without taking consent from supplier and later on Bank guarantee will not be acceptable.

4. COMPLETION PERIOD OF JOB:

The supplier shall undertake to complete the Job which includes the supply; installation and commissioning of equipment / Entire equipment of Seeds Processing plant at sites within 30 days from the date on placing purchase order. However, the Job may be completed early also for which no extra benefit or relaxation in payment terms shall be allowed to the supplier/ suppliers Processing Plant issued by the consignee shall be final for the purpose of calculating delivery period.

5. PLACE OF DELIVERY:

Place of delivery and installation in Agriculture complex Talab Tillo Jammu.

6. CHANGES IN SPECIFICATIONS:

The Corporation/ purchaser should require any changes in specifications, the supplier shall use his best endeavor to comply with the Corporation's / purchaser's wishes subject to fair adjustment of prices and delivery schedule where appropriate.

7. PACKING:

The supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract.

8. INSURANCE:

The supplier shall dispatch all the consignments duly insured for all transit risks according to the dispatch instruction given by the Corporation. To avoid complications that may arise at the time of settlement of claims by underwriters for transit losses, the insurance coverage should be arranged by the supplier as under: a) In case of indigenous supplier 'all transit risks' insurance shall be arranged commencing from their works to the warehouse of the purchaser/Corporation. b) The supplier is responsible to give safe delivery of the equipment at F.O.R. destination specified by corporation.

9. WARRANTY:

(a) The supplier warrants that the goods supplied under this contract are new, unused of the most recent and incorporate all recent improvements in design, manufacturing and materials unless provided otherwise in the contract. The supplier further warrants that the Goods supplied under this contract shall be free from all defects and faults in material, workmanship and manufacturing and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type of items/stores ordered and in full conformity with the contract specifications and samples. (b) The supplier shall if required, replace the goods or such portion thereof as is rejected by the Corporation free of cost at the ultimate destination or at any other place or at the option of the Corporation, the supplier shall pay to the Corporation / purchaser the value thereof at the contract prices and such other expenditure and damage as may arise by reason of the breach of the conditions herein specified. (c) All replacements that the Corporation/Purchaser shall call upon the supplier to deliver or perform under this warranty shall be delivered or performed by the supplier within two months (promptly and satisfactorily). If the supplier desired to take over the defective items/stores, it shall be done within one month from the date of replacement. Thereafter, Corporation/purchaser shall not be responsible to keep the defective items/stores.

10. LIQUIDATED DAMAGES:

It is emphasized by the Corporation/purchaser & understood by the supplier that the period of delivery, stipulated in the contract is the essence of the contract. It is admitted by the supplier that any delay in the delivery will cause damages to the Corporation/purchaser. If the supplier fails to deliver any or all of the Goods within the time period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract price, as liquidated damages, a sum equivalent to 2% of the delivered price of the delayed goods for each week of delay until actual delivery

or performance, up to a maximum deduction of 10% of the delayed goods. Once the maximum is reached, the purchaser may consider termination of the contract. The Corporation/ purchaser may withhold any payment due to the supplier until the whole of the items/stores have been fully supplied, delivered/installed and may deduct or recover from the supplier liquidated damages as stipulated above. This clause is without prejudice to the right of the Corporation/purchaser to make risk purchase under next clause and the liability under that clause shall be in addition to liquidated damages.

11. Default & Risk purchase:

(a) Should the supplier fail to have the stores ready for delivery as aforesaid, or should the supplier in any manner or otherwise fail to perform the contract or should it fail to complete the supply in time according to the specifications or should it have winding up order made against it or make or enter into any arrangements or composition with its creditor or suspend payments (or being a company should enter into liquidation either compulsory or voluntary) the Corporation shall have power under the hand of Chief Executive, to declare the contract at the end at the risk and cost of the supplier in every way. In such case supplier shall be liable for any liquidated damages for delay as above provided and for any expenses, losses or damages, which the Corporation/purchaser may be put to incur or sustain by reason of, or in connection with supplier's default.

(b) The cancellation of the contract may be either for whole or part of the contract at Corporation's option. In the event of the Corporation/Purchaser terminating this contract in whole or in part, it may procure upon such items and in such manner as it deems appropriate supplies similar to these so terminated and the supplier shall be liable to the Corporation for any excess cost for such similar supplies provided that the supplier shall continue the performance of this contract to the extent not terminated under the provisions of this clause.

12. FORCE MAJEURE:

(i) Notwithstanding the provisions of above Clauses 14 & 15, the supplier shall not be liable for forfeiture of its Security Deposit, liquidation damages or termination for default, to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force majeure.

(ii) For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Corporation/Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

(iii) If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 48 (Forty Eight) hours. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

13. TERMS OF PAYMENTS:

(A) All invoices shall be prepared in quadruplicate in the name of Agro Industries Development Corp'n. Ltd. (Delivery Destination) mentioned in the purchase Order and shall be signed by the supplier or his authorized agent.

(B) Unless otherwise specified in the contract, 90% of the invoice value would be paid by AIDCL against proof of installation of the material at destination. All payment shall be made through RTGS after making necessary deduction if any towards liquidated damages, outstanding, short supply section pro-rata basis or as decided by the Corpn. The supplier is requested to provide information namely Bank name, location of branch & Name of City, Nature of Account, Bank Account No., IFSC code no., MICR code no. Permanent Account No (PAN). Balance 10% of the invoice value as may be applicable shall be paid after 30 days of the equipment/equipment of entire plant commission and found satisfactorily trial.

14. SETTLEMENT OF DISPUTES:

All disputes in relation to the tender, the contract or the interpretation of any of their terms or implementation thereof or arising out of or concerned directly or indirectly with the contract shall be referred to the arbitration or a single arbitrator to be appointed by the Managing Director of the Corporation.

The arbitrator shall have powers to enlarge time for making & publishing the award with the consent of the parties. The parties will have no objection to the appointment of the arbitrator on the ground that the arbitrator had dealt with the matter of any earlier stage. If the claims involved in a dispute are of more than Rs.1/- lakh the arbitrator shall make a speaking award as per provision of Arbitration & Reconciliation Act 1996. The High Court of Jammu & Kashmir shall have jurisdiction over like matter.

15. THIRD PARTY INSPECTION.

The Corporation reserves the right to get the material, machinery & complete line inspected by third party to ensure that material supplied in exactly as per the specification mentioned in the tenders documents for those particulars machines.

PART 'A' SECTION – III

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

TENDER FORM

To

From

The Managing Director,
J&K Agro Industries Development Corp. Ltd.
Jammu.

Sub: Tender No. _____ for supply of _____

Sir,

- i) I/We _____ have read the tender documents as issued by Agro Industries Development Corporation Ltd., (hereinafter called Corporation) and hereby agree to abide by the said instructions, terms and conditions contained therein.
- ii) I/We also agree to keep the offer contained in the tender open for acceptance for a period of 30 days from the date fixed for opening the same.
- iii) I/We also agree to extend the validity of this tender for a further period of six months from the date of placing the initial order to repeat the order on same rates, terms and conditions for any additional quantities up to 50% likely to be required during this period.
- iv) I/We offer to supply the equipment as detailed in the schedule attached herewith at the rates quoted by me/us and hereby bind myself/ourselves to complete the delivery & Commissioned the plant within a period of 30 days from the date of placing of order.
- v) Demand Draft No. _____ dated _____ for Rs. _____ (Rupees _____) drawn in the Name of J&K State Agro Industries Development Corporation Ltd. Jammu towards payment of the earnest money, enclosed.
- vi) The full value of the earnest money shall stand forfeited without prejudice to any other rights or remedies if:

(a) I/we withdraw the offer before a final decision of the tender is taken after its opening.

(b) I/we do not execute the contract agreement & / Security Deposit within the stipulated period after acceptance of my/our tender will be known to me/us.

- vii) I/We also understand that until a formal agreement is prepared and executed, acceptance on this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.
- viii) I/we have read the arbitration clause tender document, relating to instructions to tenderers and general conditions of the contract and I/we hereby agree that any dispute of what so ever nature that may arise in connection with this tender shall be decided under these agreement clauses.

- ix) Company profile as per prescribed Performa given in Annexure 'A' of Section-III of Part 'A' of the tender document is kept in a separate cover marked 'Technical & Commercial Bid'. Rates are quoted in the prescribed format given in Annexure 'B' of Section-IV of Part 'A' of the tender document and are kept in the separate cover marked 'Price Bid.'
- x) I/We have read and understand that my/our financial bid shall be opened only if bid found qualified based on technical & commercial bid and the firm is found suitable during spot verification.
- xi) I/We have read and understand the specification for the items and the terms and conditions contained in the tender document and agree to the same and against which the bids are submitted in the separate cover marked 'Technical & Commercial Bid and Price Bid.'
- xii) I /We offer the rate for supply, installation & commissioning of following capacity of Seed Processing Plant:

S.No.	Capacity	
1	4-5 MT	

Signature: -----

Stamp of the company

Place:-

Name of Authorized Signatory: -- -----

Date:-

E-mail Id: -----

Phone No: -----

Mb. No. :- -----

Complete Postal Address:-----

PART 'A' SECTION -III

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Annexure-A

(To be submitted to AIDCL in the envelope marked 'Technical & Commercial Bid')

FORM FOR TECHNICAL BID

To

From

The Managing Director,
J&K Agro Industries Development Corp. Ltd.
Jammu.

Sir,

Profile of our Company is as under:

1.1. Constitution or legal status of Bidder (Attach Copy)

- Place of registration: _____
- Principal place of business: _____
- Power of attorney of signatory of Bid

A. Work performed as prime supplier on works of Seeds –Processing, Conveying & packaging machines/equipment over the last three years (Bidder should have experience for successfully execution of at least five purchase Order of similar quoted machine of Value not less than Rs 25.00 lakhs) during last three years.

Year	Name & Adress Contract person with his Mb. No. of Purchaser	Description of Machine	Purchase order No. & Date	Value Rs. in lakhs	Stipulated period of completion	Actual date of Completion	Remarks explaining reasons for delay and work completed.
1	2	3	4	5	6	7	8

- Up load copies of such Purchase Orders and proof of completion.

B. Information of Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on the date of this bid.

(A) Existing commitments and on-going works:

Machine	Place and State	Contract No. & date	Name & Address of Purchaser	Value of Contract (Rs)	Stipulated period of completion	Value of order yet to be	Anticipated date of completion

						completed	
1	2	3	4	5	6	7	8

(B) Past works for which bids already submitted.

Description of machine	Place and State	Tender No. & date	Name & address of purchase with his Mb. No.	Stipulated period of completion	Date when decision is expected	Remarks, if any
1	2	3	4	5	6	7

• Up load supporting documents.

(C) Capabilities with respect to personnel, equipment and manufacturing facilities

1. Availability of infrastructure.

Name of the Building	Size (Sq.Mtr.)	Type of Structure
1	2	3

2. Availability of Equipment.

Item of Equipment	Available No. & Capacity	Owned/leased/to be procured	Nos./Capacity	Age/Condition	Remarks (From whom To be purchased)
1	2	3	4	5	6

3. Availability of Personnel.

Type of Employee	No.	Qualification	Experience
1	2	3	4

C. Qualification and experience of key personnel proposed for administration and execution of the Contract. Upload biographical data.

Position	Name	Qualification	Years of Experience (general)	Years of experience in the proposed position	Contact No.
1	2	3	4	5	6

4. Financial statement including Annual report: (i.e. Balance sheet and profit & loss account) duly signed by Statutory Auditor of last 3 years along with copies. Average annual Turnover in last three years should not be less than 10 times of estimated value / value quoted item /items of offer whichever more

Financial year	Annual Turnover (Rs. in Lakh)	Annual Profit/loss (Rs. in Lakh)	Remarks

5. Registration:

GST No.	.

6. Income tax Details:-

PAN No	Returns for Last Three Years (attached)	
	Year	Copy

7. EMD :

Banker name	DD No. / Date	Amount

8. Particular of Banker:

Name and address of Banker	Type of Account	Account No.	IFS Code	MICR Code

9. An affidavit on Rs 100 non judicial stamp paper that Price Charged for stores/Supplies under the contract shall under no circumstances exceed the lowest price at which the contractor sells Identical description to any Govt. Department /Institution /Public Enterprises/Undertaking during the period of contract as per Performa attached in Annexure A-2 (Up Load).

10. Person Authorized for Signing the Bid With Valid Ltr on Firm/Company ltr Head (up load)

11. Duly filled TENDER Form in-prescribed format as per Section IV must be uploaded on Company letter head.

I hereby certify that all the information mentioned above are true and in case any information is found to be Incorrect, my bid may be treated as rejected by AIDCL management.

Thanking you,

Stamp of the Company

Signature: -----

Place:-

Name of Authorized Signatory: - -----

Date:-

Complete Postal Address: -----

Phone No.: -----

Mb. No. :- -----

E-mail Address: - -----

Note: - (All particulars are to be filled properly & correctly if required extra sheet can be attached).

PART 'A' SECTION –III

Annexure 'B'

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Check list of enclosures for Technical & Commercial Bids to be uploaded:

1. EMD.
2. Certificate of registration of the firm.
3. Partnership Deed if Partnership firm.
4. Authorization /Resolution for signing of bid , if it is limited Company or partnership firm.
5. An affidavit of ownership if proprietary firm/sole traders.
6. A copy of PAN No & Income-tax Return for the current year & previous year.
7. Copy of GST Registration No.
8. Business performance certificate from customers for quality and timely supply preferably from Govt. Organization.
9. If representative participating, letter of authorization to participate in the tender opening/negotiation of rate
10. Affidavit certificate that not blacklisted and no arbitration case pending in this office.
11. Other document if any in support of the tender.
12. Each and every concerned pages of tender document should be signed with stamp of authorized signatory of tenderer.
13. Affidavit no circumstances exceeded lowest price of identical goods to Govt. / Sami Govt. Organizations.
14. Balance Sheet for last Three years.
15. Average annual Turn Over of the firm in last three years should not be less than Ten times of estimated Value/ Value of offer for quoted item , which ever more.
16. Evidence of access to financial resources.

Note: - In absence of any above document, tender may be liable for rejection. All above documents are to be uploaded in the envelope marked "Technical & Commercial Bid"

PART 'A' SECTION - IV

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Annexure-A-1

Affidavit Certificate

I /We _____ (Name, Designation and Address) hereby declaring that my/our firm/Company has not been neither black-listed nor de-barred from participation in tender by any of the Govt. Department/ Organization /PSUs/Institution etc , where I /We had supplied the goods during the last three years.

Signature of Authorized signatory -----

Name _____

Designation _____

Name of the Firm/Company _____

Full address _____

stamp _____

Place: _____

Dated: _____

PART 'A' SECTION - IV

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Annexure-A-2

Affidavit Certificate

I /We _____ (Name, Designation and Address) here by declaring that price charged for quoted item/items under this contract, our firm has no circumstance exceeded lowest price of identical goods given to any Govt. Deptt./PSUs/Institutions/Organizations etc during current year .

Signature of Authorized Signatory -----

Name _____

Designation _____

Name of the Firm/Company _____

Full address _____

Stamp _____

Place: _____

Dated.

PART 'A' SECTION - IV

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Annexure-B

(It is to be submitted to AIDCL in the envelope marked 'PRICE BID')

To

From

The Managing Director,
J&K Agro Industries Development Corp. Ltd.
Jammu.

Sir,

We have examined the prescribed specifications and read the Terms & Conditions of Tender No. -----
-----, issued under endorsement No -----Dated ----- for supply, Installation
& Commissioning of Machines & Equipment of Seed Processing Plants confirming the specification as
per Annexure No. I of Section:1 , part "B" of Tender Document on Trunkey basis at TalabTillo, Jammu
Our rates to your specification, Terms & Conditions for below mentioned Machines & Equipment for
location/ locations mentioned above are as under:-

S.No.	Name of Machinery	Rates in figure including all taxes FOR destination	Rates in words including all taxes FOR destination.
1	4 TPH Throughput Capacity (Wheat Basis) Complete Seeds Processing Line is to be established at Talab Tillo Jammu. . Strictly as specification of tenders including supply, testing, installation & commissioning.		

Signature: -----

Place: -

Name of Authorized Signatory: -----

Date:-.

Complete postal Address:-----

Phone No.: -----

E-mail Address. _____

PART 'B' SECTION - I

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

MACHINE / EQUIPMENT SPECIFICATIONS

Annexure - I

Description of seed processing/ grading plant 4-5 TPH Capacity. (Based on Wheat) On Turn Key Basis.

Each speed Processing Plant (Unit) shall be consisting of the following machines and accessories:-

S.No.	Description of Machines	Cap. Based on wheat	Qty.
1.	<p>V.B. Elevator (To feed Surge bin over Seed Pre Cleaner) With one way discharge Self Supporting – centrifugal discharge, self cleaning type with V bottom boot assembly, single leg vertical bucket elevator made of G.I. Sheets on CNC machines. The boot casing head casing and middle section should be made up of 3.0 mm 2.0mm and 1.6mm thick. G.I. Sheet respectively. Complete with 2 H.P. Electric motor coupled with PBL/Rotomotive/Bonfigioli reduction gear box three phase switch & DOL starter with board service platform with safety cage of 2.5 ft high and service ladder. Buckets shall be of die pressed seamless M.S. Sheet/HDPE. These shall be fastened on NH Belt (315/3) x 150mm wide with bolt and washers. One way discharge required discharge pipe & angle section of 5” dia made of 14g M.S Sheet. Dump hopper size of 1.25 M x 0.60 M made of 14g(2.0mm) thick M.S. Sheet with metal wire mesh cover pit cover and other standard features. <u>This elevator shall be installed in the pit.</u></p>	7.5 TPH 6.50 MDH (with one way discharge)	1 Nos.
2.	<p>Surge Bin Over Pre Cleaner Capacity: 1.5 Ton (Based on Wheat) Floor supported metallic rectangular centrally discharge bin. The discharge opening to match with the feed hopper of the Pre Cleaner. The sides of the surge bin should be made of 16 g G.I. Sheet and the hopped bottom of 14g G.I. Sheet. The supporting legs & leg bracings should be properly bolted & made of suitable M.S. Square pipe 10mm thick M.S. foundation plates with 19mm Dia. Holes should be welded under each leg. The transparent inspection windows should be provided to check the level of the seed in the bin at two levels. The discharge outlet should be provided with screw slide and chain pulley system to control seed discharge from floor level. It should be complete with all standard features.</p>	1.5 Ton	1 no.
3.	<p>Pre-Cleaner This machine shall be suitable for the efficient pre cleaning of all crop seeds, pulses seed, oil seeds, cereal seeds and forestry seeds etc i.e. Lentil, Pigeon Pea, Green Gram. Field pea, urd bean, what, grain, paddy etc. Two flat oscillating screens and double stage air aspiration. Screen cleaning with rubber ball system. Stepless Air Control Arrangement SPECIFICATIONS: Capacity : 7 TPH (Based on wheat) at 12% moisture content and 20% impurities. No. of Screens : 2 No. of Air Aspiration : 2 (Pre & Post) Fan Capacity : 7500 CFM at 75mmWGSP Fan Speed : 1400 RPM Electric Motor : Minimum 7.5 H.P for blower and 2.0 H.P. for Sieve cradle assembly Screen Cleaning system: Top Screen – Bouncing Rubber Balls Bottom Screen – Bouncing Rubber Balls Total Screen Area : Not less than 5.0 M²</p>	7 TPH at 12% moisture content and 20% impurities.	1 No.

S. No.	Nomenclature of Equipment and Specification	Cap.	Qty.
	<p>The machine should be complete with suitable electric motors. 3Ph Switch & DOL Starters with board required air trunk and air bend. One set of 2 Screens (factor fitted) for any particular crop seed (i.e. 1 No. – Top 1 No Bottom Screen). Cyclone dust collector suitable for outside installation & other standard features. The screens should be made of CNC perforated 1.0 mm thick CRCA M.S. Sheet duly mounted/fixd on steel/seasonal hard wooden frame. (Screen perforation sizes shall be specified at the time of placing the order)</p> <p>Additional Items</p> <p>i. Additional Screen: The quantity & screen Perforation sizes shall be intimated at the time of placing the order. The screens should be made of CNC perforated 1 mm thick CRCA M.S. sheet duly fixed on steel/seasoned heard wooden frame. Top Screen : Round/Oblong Hole Perforations Bottom Screen : Round/Oblong Hole Perforations</p> <p>ii. Addition Air Trunk: Each one meter long both ends flanged.</p>	Each Each Each	As per requirement
4.	<p>V.B. Elevator: (To Feed Surge bin over Seed Grader from-cleaner) With one way discharge Self supporting centrifugal discharge, self cleaning type with V-bottom boot assembly, single leg vertical bucket elevator made of G.I. Sheet on CBC machines. The boot casing head casing and middle section should be made up of 3.0 mm, 2.0 mm and 1.6 mm thick G.I. Sheet respectively. Complete with 2 H.P. Electric Motor coupled with PBL/Rotomotive/Bonfigioli reduction gear box, three phase switch & DOL starter with board service platform with safety cage of 2.5 ft height and service. Bucket shall be of die pressed seamless M.S. Sheet/HDPE. These shall be fastened on NN Belt (315/3) x 150mm wide with bolt and washers, one way discharge, required discharge pipe & angle section of 5” dia made of 14g M.S. Sheet. Standard fee hopper made of 14g (2.0 mm)thick M.S. Sheet with metal wire mesh cover and other standard features. This elevator will be installed on the floor level.</p>	7.5 TPH 5.50 MDH(with one way disch arge)	1 Nos.
5.	<p>Surge Bin Over Seed Grader Capacity: 1.5 Ton (Based on Wheat) Floor supported, metallic, rectangular, centrally discharge bin. The discharge opening to match with the feed hopper of the Seed Grader. The sides of the surge bin should made of 16 g G.I. Sheet and the hopped bottom of 14g G.I. Sheet. The supporting legs & leg bracings should be properly bolted & made of suitable M.S. Square pipes 10 mm thick M.S. foundation plates with 19mm Dia. Holes should be welded under each leg. The Transparent inspection windows should be provided to check the level of the seed in the bin at two levels. The discharge outlet should be provided with screw slide and chain pulley system to control seed discharge from floor level. It should be complete with all standard features.</p>	1.5 Ton	1 No.
6.	<p>Seed Grader This machine shall be suitable for the efficient fine cleaning and grading of all crop seeds, pulses seeds, oil seeds, cereal seeds and forestry seeds etc i.e. Lentil, Pigeon Pea, Green Gram, Field pea Urd bean, wheat, gram, paddy etc.</p> <p>Three flat oscillating screens with double stage air aspiration. Grading Screens cleaning with nylon brush system.</p> <p>SPECIFICATION Capacity : 5 TPH (Based on wheat) at 12% moisture content and 10% impurities No. of Screens : 3 No. of Air Aspiration: 2</p>	5 TPH	1 No.

S. No.	Nomenclature of Equipment and Specification	Cap.	Qty.
	<p>Electric Motor : For Blower – 7.5 H.P. 440 V. 3 ph.. 50 c/s A.C. Supply For Cradle Assembly – 2.0 H.P. 440V 3Ph.. 50 c/s A.C.</p> <p>Fan Capacity : 7500 CFM at 75 mm WGSP</p> <p>Screen Cleaning system : Rubber Balls/Nylon Brush System</p> <p>Total Screen Area : Should not be less than 7M²</p> <p>The machine should be complete with suitable electric motors 3Ph. Switch & DOL starters with board required air trunks & Air bend. 1 No. Transition adopter. One set of 3 Screen (factor fitted) for any particular crop seed (i.e. 1 No. Top, 1 No Middle and 1 No. Bottom Screen). Cyclone dust collector suitable for outside installation & other standard features. The screens should be made of CNC perforated 1.0 mm thick CRCA M.S. Sheet duly mounted/fixed on steel/seasoned hard wooden frame. (Screen perforation sizes shall be specified at the time of placing the order)</p> <p>Additional Item For Seed Grader</p> <p>i. Additional Screen: The quantity & screen Perforation sizes shall be intimated at the time of placing the order. The screens should be made of CNC perforated 1mm thick CRCA M.S. Sheet duly fixed on steel/seasoned hard wooden frame. Top Screen : Round/Oblong Hole Perforations Middle Screen : Round/Oblong Holde Perforation Bottom Screen : Round/Oblong Hole Perforations</p> <p>ii. Additional Air Trunk: Each one meter long both ends flanged</p>	Each Each Each Each	As per requirement
7.	<p>V.B. Elevator: To Feed Sp. Gravity Separator of Indented Cylinder from Seed Grader) with two way valve. Self Supporting, centrifugal discharge, self cleaning type with V bottom boot assembly, single leg vertical bucket elevator made of G.I. Sheets on CNC machine. The boot casing head casing and middle section should be made up of 3.0 mm, 2.0 mm and 1.6 mm thick G.I sheet respectively. Complete with 2 H.P. Electric Motor coupled with PBL/Rotomotive/Bonfigioli reduction gear box, three phase switch & DOL starter with board, service platform with safety cage of 2.5 ft height and service ladder. Buckets shall be of die pressed seamless M.S. Sheet/HDPE. These shall be fastened on NN Belt (315/3) x 150mm wide with bolt and washers. Two way discharge valve, required discharge pipe & angel section of 5” dia made of 14g M.S. Sheet. Standard feed hopper made of 14g (2.0mm) thick M.S. Sheet with metal wire mesh over and other standard features. This elevator will be installed on the floor level.</p>	7.5 TPH 5.50 MDH (with two way disch arge)	1 No.
8.	<p>Indented Cylinder Seed Grader</p> <p>An independent double cylinder unit with adjustable cylinder speed, adjustable internal collecting trough angle, interchangeable indent segments and feed control. The cylinder segments should have Tear drop type indents made of 2mm thick. CTCA sheet. The feeding to the indented cylinder should be from the top of the cylinder unit.</p> <p>SPECIFICATIONS:</p> <p>Capacity : 5 Tons/Hr. (Based on wheat)</p> <p>No. of Cylinder : 2</p> <p>Size of each cylinder : Not less than 6.35 m.m dia X 2150 m.m. length</p> <p>Motor : 3.0 H.P.. 3 Ph., 440V. 50c/s... tropicalised TEFC</p>	5 TPH	1 No.

S. No.	Nomenclature of Equipment and Specification	Cap.	Qty.
	<p>Speed of Cylinder : Variable Angle of receiving through : Adjustable</p> <p>The machine should be complete with suitable electric motor, 3 phase switch & DOL starter with board, indented cylinder for wheat (5.2 mm indent size, tear drop type) and other standard features</p> <p><u>Additional Item for Indented Cylinder Seed Grader</u> 1. Additional Indented Segment. The quantity and name of the crop or size shall be specified at the time of placing the order. Cylinder Size: Set of two cylinders (Segments)</p>	Each Set	As per requirement
9.	<p><u>V.B. Elevator</u> (To Feed Sp. Gravity Separator from Indented Cylinder) Self Supporting centrifugal discharge, self cleaning type with V bottom boot assembly, single leg vertical bucket elevator made of G.I. Sheets on CNC machines. The boot casing, head casing and middle section should be made up of 3.0 mm. 2.0 mm and 1.6mm thick G.I. Sheet respectively. Complete with 2 H.P. Electric motor coupled with PBL/Rotomotive/Bonfigioli reduction gear box, three phase switch & DOL starter with board, service platform with safety cage of 2.5 ft height and service ladder. Buckets shall be of die pressed seamless M.S. Sheet/HDPE. These shall be fastened on NNBelt (315/3) x 150 mm wide with bolt and washers, one way discharge, required discharge pipe & angle section of 5" dia made of 14g M.S. Sheet. Standard feed hopper made of 14g (2.0mm) thick M.S. Sheet with metal wire mesh cover and other standard features. This elevator will be installed on the floor level.</p>	7.5 TPH 6.50 MIDH (With way discharge)	1 No
10.	<p><u>SPECIFIC GRAVITY SEPARATOR (7-FAN)</u> Rectangular wooden deck 7-fan specific gravity separator with adjustable side and lengthwise inclinations, variable deck speed with VFD and individual air controls for fans with meters air filters on sides adjustable seed collection from deck, hydraulic system for deck opening & cleaning of deck. <u>SPECIFICATIONS:</u> Capacity : 5 Tons/Hr. (Based on wheat) Electric Motor : For Blower – 10.0 H.P.. 3Ph, 440V, 50 c/s A.C. Supply For Sieve Deck 3 H.P.. 2Ph, 440V, 50c/s A.C Supply Oscillation speed of Deck: Variable through VFD Deck Size : 3100x1150 m.m Rectangular Wooden The machine should be complete with suitable electric motors. VFD control panel, two deck assemblies one each for coarse seed and fine seed, side air filter panels, feeding bin (floor supported) of 300 kg capacity (Approx) with feed control & other standard features.</p>	5 TPH	1 No.
11.	<p><u>V.B. Elevator:</u> To Recirculate the middling of the specific gravity separator for upgrading into the feeding bin of the specific gravity separator. Self supporting, centrifugal discharge, self cleaning type with V bottom boot assembly, single leg vertical bucket elevator made of G.I. Sheets on CNC machines. The boot casing, head casing and middle section should be made up of 3.0mm, 2.0mm and 1.6mm thick G.I. Sheet respectively. Complete with 1 H.P. Electric motor coupled with PBL/Rotomotive/Bonfigioli reduction gear box, three phase switch & DOL starter with board, service platform with safety cage of 2.5 ft. height and service ladder. Buckets shall be of die pressed seamless M.S. Sheet/HDPE. These shall be fastened on NN Belt (315/3) x</p>	3.0 TPH MDH (with one way discharge)	

S. No.	Nomenclature of Equipment and Specification	Cap.	Qty.
	<p>125 wide with bolt and washers. One way discharge, required discharge pipe & angle sections of 5" dia made of 14g M.S. Sheet Standard feed hopper made of 14g (2.0mm) thick M.S. Sheet with metal wire mesh cover and other standard features.</p> <p>This elevator shall be installed on the floor level.</p>		
12.	<p>V.B. Elevator: (To Feed Holding Bin or Seed Treater from SP. Gravity Separator) with two way valve.</p> <p>Self supporting, centrifugal discharge, self cleaning type with V bottom boot assembly, single leg vertical bucket elevator made of G.I. Sheet on CNC machines. The boot casing, head casing and middle section should be made up of 3.0mm, 2.0mm and 1.6mm thick G.I. Sheet respectively. Complete with 2 H.P. Electric motor coupled with PBL/Rotomotive/Bonfigioli reduction gear box, three phase switch & DOL starter with board, service platform with safety cage of 2.5 ft height and service ladder. Buckets shall be of die pressed 150mm wide with bolt and washers. Two way discharge valve, required discharge pipe & angle sections of 5" dia made of 14 g M.S. Sheet standard feed hopper made of 14g (2.0 mm) thick M.S. Sheet with metal wire mesh cover and other standard features.</p> <p>This elevator shall be installed in the pit.</p>	7.5 TPH 650 MDH (with two way disch arge)	1 No
13.	<p>Holding Bin: To be installed over automatic weigher & bagger</p> <p>Capacity:- 1 Tons (Based on Wheat)</p> <p>Floor supported metallic, square, centrally discharge bin. The sides of the building bin should be made of 14g G.I. Sheet and the hopped bottom of 12g G.I. Sheet. The supporting legs & leg bracings should be properly bolted & made of suitable M.S. Square pipes 10mm thick M.S. foundation plates with 19mm Dia. Holes should be welded under each leg. The Transparent inspection windows should be provided to check the level of the seed in the bin at two levels. The discharge outlet should be provided with screw slide and chain pulley system to control seed discharge from the floor level. It should also be provided with manual bagging arrangement for manual bagging of the seeds incase automatic weigher and bagger is not in use. It should be complete with all standard features.</p>	Cap: 2 Tons	1 No
14.	<p>Automatic Weigher and Bagger with air Compressor</p> <p>The machine shall be complete with electronic load cell, pneumatic operated bag holder, micro processor based weighing controller mounted in central control panel, operator control panel.</p> <p>Accurate Micro Processor Based load cell electronic weighing & bagging machine Hi Speed Controller. Suitable for open mouth bags of cloth/jute canvas. Digital/LED display for Automatic weigher & bagger</p> <p>SPECIFICATIONS:</p> <p>1. Type : Electronic load cell based net weigher</p> <p>2. Bag capacity : 10-50 Kg</p> <p>3. Capacity : 200-250 Bag/hr</p> <p>4. Accuracy : +10gm 20gm</p> <p>5. Feeding arrangement: Gravity</p> <p>6. Display : Digital</p> <p>The Air Compressor</p> <p>Electric Motor : 3 H.P. . 3 Phase, 440 v, 50 c/s T.E.F.C.</p> <p>No. of cylinders : 2 (Two) Double stage reciprocating type</p> <p>Cap of Air Trunk : Not less than 150 Ltrs</p>	200- 250 Bags/ Hr.	1 Nos

S. No.	Nomenclature of Equipment and Specification	Cap.	Qty.
	Free Air Delivery: 8.80 CFM Air Pressure : 10 Kg/cm ² Complete with auto start & stop and all standard features. Based frame with castors etc for portability, PVC flexible pipe (8mm ID x 15 meter long) air pressure gun 2 Nos. T joint etc are also provided. This air compressor shall also be used for general cleaning of the machines etc.		
15.	<p><u>Heavy Duty Bag closer With Conveyor</u> Complete with electric motor of 1 HP.. 3 phase, 440 V. AC supply for sewing head. 1 HP.. 3 phase 440 V. AC supply for conveyor and foot operated paddle switch. Sewing head height varies from 250 mm to 1000mm depending on bag size.</p> <p>The head is fitted on telescopic shaft and length of conveyor is 2 meter.</p>	250-330 bags per hour	1 Nos
16.	<p><u>Seed Treater (Suitable for both wet and dry treatment)</u> Capacity: 5TPH The treater frame should be made of welded structure of heavy M.S. Pipe & M.S. angle iron structure. Chemical tank & all other parts coming in contact with chemical should be made of stainless steel, high speed rotating mist disc/dosing pump for dosing of slurry, feed hopper with regulated gate seed weighting mechanism and synchronized seed dump pan. Slurry tank capacity should not be less than 100 ltrs. Variable dosing arrangement to suit seed treatment for all kinds of seeds. Dosing of chemical shall be fully automatic. Mixing chamber should be fitted with rotating mixing auger. Supporting frame must bring the machine to the bagging height. Two ways bagger with bag holding clamps should be provided. It should be made portable with 4 rubber wheels also. Volumetric regulated Electro vibro feeder should be provided for powder (Dry) treatment of the seed. Complete with all other standard features.</p>	Cap 5 TPB	1 Nos
17.	<p><u>Weighing Machine</u> Capacity : 300 Kg Platform size : 600 x 600 mm (Minimum) Display : LED Advanced microprocessor based indicator system. Indicates gross and net weights. Suitable for platform scales & other load cell based weighing kits. Stainless steel pan. Uses a single input. Mains operation. The unit is complete for operation.</p>	300 kg	1 No
18.	<p><u>Heavy Duty Portable bags Machine</u> Self lubricating single thread, portable type, electrically operated. Light weight with robust construction. Thread does not get entangled with the looper because of oscillating type looper. Smooth and simple operation. Sewing head is driven by V-belt thus minimizing noise during operation and starts with the help of finger touch micro switch. Thread cutting blade is provided for easy cutting of the thread after completing of stitchine.</p> <p><u>SPECIFICATION</u></p> <p>Bag Stitching Capacity : 300-350 bags/hr Type of Sewing head : Universal Single thread Type of Seam : Chain Stitching Weight : 6 Kg (Approx) Electric Motor : 1/10 H.P.. 8000 R.P.M. 220 V. AC/DC</p> <p>The unit is complete for operation and with the following standard accessories. Needles 2 Nos.. Loopers 2 Nos.. Thread Stand 1 No.. Thread Cone 1 No.. Allen Keys 4 Nos. DE spanner 1 No.. Oil Cane 1 No.. Screw Drive 1 no. Suitable for Stitching of canvas/cloth/jute bags filled with crop seeds</p>	300-350 bags per hour	2 No

S. No.	Nomenclature of Equipment and Specification	Cap.	Qty.
	<p>7. The training to the operation staff at the site for the proper operation and maintenance of the plant during installation and trial run of the seed processing plant.</p> <p>8. The seed/grain for the testing and trial run of the machine shall be provided by the purchaser.</p> <p>9. All the labour required for handling the seed for the test and trial run of the plant shall be provided by the purchaser.</p> <p>10. The electric power required for the installation, test and trial run of the plant shall be provided by the purchaser the site.</p> <p>11. Proper building with suitable doors/gates shall be provided by the purchaser. The size of the gate through which the machine shall be taken inside the processing hall shall be minimum 2 Meter wide x 3.5 Meter High (Clear Space). The security for the equipment supplied shall also be provided by the buyer at the site of installation from the very first day.</p> <p>12. Proper earthing and electric power as per state govt. rules to the centralized electric control panel shall be provided by the purchaser.</p>		

Important Notes:

1. Electric motor shall be of Kirloskar/Crompton/ABB/Havells make. T.E.F.C type meeting ISI specification.
2. DOL starter shall be of Crompton/L&T 3 Ph. Switch of Standard/SKN make.
3. Bearings are of SKF/NTN/KOYO/NBC/FK. The make of the V-bells shall be Hilton/Fenner/Turboflex
4. Proposed machinery layout and seed flow process diagram should be enclosed.
5. All the offered machines should be compact in size. All pulleys are balanced pulleys. Blowers are dynamically balanced. All moving parts should be covered with safety guards.
6. The plant shall be supplied complete with the required accessories on turn key basis.
7. All the metal surface shall be finished & painted with two coats of red oxide primer followed by two coats of enamel paint. G.I/S.S. surfaces should not be painted.
8. The training to the operation Staff/Technicians of the purchaser at site shall be given during & after installation & trial run for proper operation & day to day maintenance.
9. ISO/CE certified products shall be given preference.
10. Firm should be registered under GST and relevant GSTIN should be provided.
11. The complete plant shall be supplied, installed and commissioned on turn key basis inclusive of freight transit insurance, GST loading and unloading charges etc.

Important eligibility conditions – Minimum Criteria

1. The minimum turnover of the firm for the last five financial years should not be less than 5 crore in each year. CA Certificate certifying the turn over for the last five financial year along with ITR's Balance Sheets profit & loss accounts for the last five financial year should be enclosed.
2. The firm must have supplied at least 30 seed processing plants of same or higher capacity to various govt. departments in last three financial year. Copy of purchase orders and performance report should be enclosed.
3. MSME/NSIC certificates registered under single point registration scheme must be attached.
4. Latest sales tax clearance certificate must be attached.
5. ISO 9001 2015.14001 2015 and CE certificates should be enclosed.

PART 'B' SECTION –II

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

TECHNICAL DETAILS OF OFFERED MACHINES

Technical details of every Machine /Equipment of Quoted Seed Processing Line in below given Format must be uploaded along with its drawing, printed matter, test report etc.along with Offer. The bidder may fill up the specification of the machinery for which they have quoted their rates & which ever applicable to them.

VERTICAL BUCKET ELEVATOR (All Capacity)	
Technical Parameter	
1. Model.	
2. Capacity (W.B.) TPH	
3. Primemover details	
a) Make	
b) Power Required (HP)	
c) Switch & Starter	
4. material of construction & its thickness (in mm)	
a)Hopper	
b) Boot & Head & leg casing	
c) Shaft	
d) Belt	
e) Bucket	
f) Discharge Pipe	
5.Belt Speed	
6.List of User	
SEED PRE-CLEANER (All capacity)	
Technical Parameter	
1. Model.	
2. Capacity (TPH) Bassed on W.B.	
3. Prime over details	
a) Make	
b) Power required (HP)	
c) Switch & Starter	
4. Construction material & its thickness in mm	
a) Frame	
b) Body	
c) Sieve Deck	
d) Screen	
e) Shaft	
5. Screens.	
a) Number of Screening	
(i) Size of Upper screen (in mm)	
(ii)Size of Middle Screen (in mm)	
(iii) Size of Bottom screen (in)mm)	
b) Screen Area (Sqm)	
c) Screen slope range	
d) Screen cleaning device for Top & Bottom Screen	
6. Shaker Shoe.	
a) Type	
b) Mounting	
c) Speed	
7. Blower/Aspirator.	
a) Number of aspiration	
b) Air Volume in cums	
8. Machine comprised of	
9. Others.	

a) Literature(uploaded / Not uploaded)	
b) Test certificate if any (uploaded / Not Uploaded 0	
c) List of users 9 Uploaded / Not up loaded)	
SEED CLEANER GRADER / FINE CLEANER (All capacity)	
Technical Parameter	
1. Model.	
2. Capacity (TPH) Bassed on W.B.	
3. Prime mover details	
a) Make	
b) Power Required	
4. Construction material.& it's Thickness (in mm)	
a)Frame	
b)Body	
c)Sieve Deck	
e)shaft	
5 Screens	
a)No. of Deck	
b)No. of Screening Layer	
i)Size of Upper Screen in mm	
ii)Size of Middle Screen in mm	
iii)Size of Bottom in mm	
c)Screen Area (Sqm)	
d)Screen Slope range	
e)Screen Cleaning Device	
6. Shake Shoe.	
a)Type	
b)Mounting	
c)Speed	
7.Blower/Aspirator	
a)Number of Aspiration	
b)Blower Capacity	
8.Machine Comprised of	
9.Others	
a)Literature	
b)Test certificate if any	
c)List of users	

SEED SPECIFIC GRAVITY SEPARATOR (All Capacity)	
Technical details	
1. Model	
2. Capacity (TPH) (Wheat Basis)	
3. Primemover details	
a) Make	
b) H.P. for fan and deck	
c) Starter make	
4. Construction material & It's Thickness	
a) Frame	
b) Body	
c) Deck	
d) Shaft	
5. Technical features	
a) Shape of deck	

b) Size of deck (WXL) (mm)	
c) Area of deck (sqm)	
d) Deck inclination adjustment provisions	
i) longitudinal slope and range	
ii) transversal slope	
e) Oscillation of deck	
f) Type of feed rate	
g) Hopper /surge bin details & It's Capacity	
h) Nos. of fans & Size of each Fan	
6 Others	
a) Literature of equipment	
b) Test certificate if any	
c) List of users	
d) Purchase in past by NSC	
e) General performance experienced by NSC	

SURGE BIN (All Capacity)	
Technical Parameter	
1. Capacity (Wheat Based)	
2. Construction of Material (Type & Size) & It's Thickness (in mm)	
a) Sides	
b) Hopper Bottom	
c) Legs	
d) Bracing	
3. Inspection Window	
4. Opening of Discharge Gate	

SEED TREATER (SLURRY TPYE) PORTABLE TYPE (All Capacity)	
Technical Parameter	
1. Model	
2. Capacity (Soybean / Wheat) TPH	
3. Prime Mover	
a. Make	
b. Size of Electric Motor/Gear Box	
c. Application	
4. Constructional Features	
i. Tank Capacity	
5. Construction Material (Type & Size) & It's Thickness	
a. Parts in contact of Chemical	
b. Premix Chamber	
c. Blending Chamber	
6. Others	
a. Literature in support of	
b. Test certificate from recognized institution if any	
c. List of users	

HEAVY DUTY PORTABLE BAG CLOSING MACHINE	
Technical Parameter	
1. Profile	
a. Model.	
b. Make	
c. Speed	
a. Type of stitching	
b. Length of Belt (m)	

c. Width of Belt (m)	
d. Type of Belt	
e. Prime Mover & Control Panel	
3. Literature (Up loaded / Not uploaded)	
4. User List (Up loaded / Not Uploaded)	

WEIGHING SCALE (ELECTRONIC) All Capacity	
Technical Parameter	
1. Capacity	
2. Specification	
a. LED Display	
b. Complete with all standard Features	
c. Portable	
d. Meeting BIS Specification	

MOISTURE METER	
Technical Parameter	
1. Model	
2. Make	
3. Required Power	
4. Range (Moisture)	
5. Accuracy	
6. Literature (Uploaded / Not Uploaded)	

AIR COMPRESSOR	
Technical Parameter	
1. Model	
2. Make	
3. Motor	
4. Tank Capacity (Litre)	
5. No. of Cylinder	
6. Air Pressure	
7. Features & Accessories	

DIESEL GENERATOR SET (All Capacity)	
Technical Parameter	
1. Engine	
a. Make	
b. Model No.	
c. Capacity.	
2. Alternator	
a. Make	
b. Model	
c. Capacity.	

ELECTRIC CONTROL PANEL	
Technical Parameter	
1. Main On/Off Switch	
a. Make	
b. Size	
2. Change Over Switch	
a. Make	
b. Size	
3. Fuse Indicators	
4. Voltmeter	
5. Ammeter	
6. No. of Starter with protective relays & fuses	
7. 15 AMP sockets of 220 V	

SEED INDENTED CYLINDER GRADER (All Capacity)	
Technical Parameter	
1. Model.	
a. Capacity	
2. Prime Mover	
a. Make	
b. Size	
c. Switch & Starter	
d. Motorised by pass (HP)	
3. Machine Specification	
a. Cylinder (Nos.)	
b. Cylinder Size (Dia. X Length)mm	
c. Rotational Speed	
d. Thickness of Segment Sheet (mm)	
e. Segment Area (Sq m)	
4. Construction Materials (Type & Size with thickness)	
a. Frame	
b. Screw Conveyor	
c. Shaft	
d. Belt	
e. Type & Make of Pully	
5. User List (up loaded / Not uploaded)	
a. Litreture (uploaded / not uploaded)	

BAGGING BIN	
Technical Parameter	
1. Capacity (Wheat Basis) MT	
2. Construction of Material (Type & Size) & It's Thickness(mm)	
a) Sides	
b) Hopper Bottom	
c) Legs	
d) Bracing	
3. Inspection Window	
4. Opening of Discharge Gate	

AUTOMATIC SEALING MACHINE	
Technical Parameter	
1. Profile	
a. Model.	
b. Make	
c. Monogram Embossing	
d. Power Required	
2. Litreture	

REMINANT (REJECT) COLLECTION SYSTEM	
Flat Belt Conveyor (Format for other machine same as for V.B .Elevator & Bagging Bin)	
1.CAPACITY	
2. Type of Conveyor	
3. LENGTH/HIGHT	
4. BELT SPEED	
5. WIDTH OF BELT	
6. POWER REQUIRED	

COMMON RAISED PLATFORM	
1. Clear- Hlght (Cm)	
2. Construction Material (Type & Size) & It's Thickness	
a) Stair	
b) Relying	
c) Walking Platform	
d) Frame	

HEAVY DUTY BAG CLOSER WITH CONVEYOR	
a. Model.	
b. Make	
c. Speed	
a. Type of stitching	
b. Length of Belt (m)	
c. Width of Belt (m)	
d. Type of Belt	
e. Prime Mover & Control Panel	
3. Litreture (Uploaded/ Not uploaded)	
4. User List (Uploaded /Not uploaded)	

DUMP HOPPER	
1. Capacity (TPH) Based on Soybean/Wheat.	
2. Material of Construction (Type & Size) & it's Thickness	
a. Type	

AUTOMATIC ELECTRO-PNEUMATIC GRAVITY FEED WEIGHER BAGGER	
a. Model.	
b. Make	
c. Capacity	
a. Accuracy	
c. Type of Load Cell/Stitching	
d. Type of bag Holding Clamp	
e. App. By Wt. & Mes. Reg. Auth.	
f. Prime Mover & Control Panel	
3. Literature	
4. User List	

AIR POLLUTION CONTROL SYSTEM	
1. Model.	
2. Capacity	
3. Primemover details	
a) Make	
b) Size	
4. Construction material of Ducting	
a) Ducting	
b) Cyclone dust collector	

PART 'B' SECTION – III

AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

ANNUAL SITE MACHINERY MAINTAINACE CONTRACT

Bidder should also offer annual site machinery maintenance contract of offered machine /Equipment of plant for three years, which should include following requirements.

Duration of Contract

- Procedure for carrying out maintenance contract
- Number of visit per season /month
- Per Year Maintenance Charges including spare parts / without spare parts location & plant wise.
- Payment Terms
- Other terms & Condition if any

