



बीज उत्पादन इकाई
SEED PRODUCTION UNIT
भातृकृअणुपणुभारतीय कृषि अनुसन्धान संस्थान
ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI - 110012





e-TENDER for

FOR SUPPLY, INSTALLATION AND COMMISSIONING OF MACHINES & EQUIPMENT FOR SEED PROCESSING PLANTS ON TURNKEY BASIS AND AMC FOR 05 YEAR'S

LAST DATE & TIME FOR RECEIPT OF BIDS : UP TO 13.00 hrs of 9.10.2020

DATE & TIME OF OPENING OF BIDS : AT 15.00 hrs of 12.10.2020

	बीज उत्पादन इकाई SEED PRODUCTION UNIT भाणकृणअणपणभारतीय कृषि अनुसन्धान संस्थान ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI - 110012	
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F.No. 1-5/2020-21/SPU

Dated:9.9.2020

E-TENDER NOTICE

FOR SUPPLY, INSTALLATION AND COMMISSIONING OF MACHINES FOR SEED PROCESSING PLANT ON TRUNKEY BASIS AND AMC FOR 5 YEARS

Online tender(s) under two bid system (i) Technical bids (ii) Financial bids) on behalf of Secretary, ICAR are invited by the Director, IARI from reputed Manufacturers/ Authorized Dealers/Distributors/Agent of OEM actively engaged in the line for supply and installation of scientific equipment(s)/item(s) as detailed below :

	Name of Machinery & Equipment		Location / Area Office	Capacity	Total Quantity (No.)	Tender Cost (Rs)	EMD Details (Rs.)
1.	I.	Complete Seed Processing Line	SPU, ICAR-IARI, New Delhi	4TPH	One	NIL	Rs.400000/- (Rupees four lakhs only)
	II.	Complete Seed Processing Line	ICAR-IARI, Regional Station, Karnal	4TPH	One		
2.	Start date of online submission of tender form		10.09.2020				
3.	Pre bid conference		11.00 Hrs (IST) of 20.09.2020 Conference room, SPU, ICAR-IARI, NEW DELHI-12 Concern party may visit ICAR-IARI Regional Karnal on 19.09.2020				
4.	Last date of online Submission of tender documents		Upto 13:00 Hrs (IST) of 09.10.2020				
5.	Online opening of technical bid		At 15:00 Hrs (IST) of 12.10.2020				
6.	EMD		EMD Rs. 400000.00/- (Rupees Four Lakh only) in the form of Demand Draft/Pay Order/Fixed Deposit Receipt from any Commercial Bank in favour of the Director, IARI payable at New Delhi . The Physical EMD in the shape of DD etc. will have to be deposited with the Tender issuing authority (Asstt. Admn. Officer), Administrative office of the UNIT before & up to closing of tender submission date i.e. 9.10.2020 upto 13.00 hrs				

Salient features

1. Parties participating (against this tender) should submit EMD amount along with cost of tender documents in INR **with the A.A.O., Seed Production Unit, IARI, New Delhi in physical form as per instruction at S.No. 6 above before closing of last date of submission of tender i.e. 9.10.2020**
2. The eligibility criteria for participation in the tender are given in the tender document.
3. Tender shall be processed under two bid system. Tenderers should submit both Technical bid and Price bid strictly as per instructions to tenderers given in Chapter-I of the tender document.
4. Tender not accompanied with requisite amount of EMD and not submitted as per instructions contained in the tender document are liable for rejection. No correspondence in this regard shall be entertained by the purchaser.
5. Micro Small Enterprises (MSEs) registered with NSIC for the quoted item under single point registration scheme in India are exempted from payment of cost of tender document and EMD, according to the policy of GoI subject to furnish documentary proof in support of their claim along with their request.
6. Custom Duty Exemption Certificate (CDEC) will be issued only when the bid is quoted in foreign currency in case of foreign made items only and meant for ICAR-IARI on FOB basis.
7. As per the directives of the Government for encouraging and protecting Make in India, Purchase preference shall be given to the 'Class-I –local supplier'. Tenderers may therefore, carefully go through the stipulations given in the Tender in this regard.
8. For the entities/bidders from a country which shares a land border with India, bids of only those bidders will be considered who are duly registered with the Competent Authority in India as given in Deptt. Of Expenditure O.Ms. No. 6/18/2019-PPD dated 23rd July,2020.
9. ICAR-IARI 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.
10. Tender can also be viewed on the Institute website www.iari.res.in and eprocure.gov.in.

Asstt. Admn. Officer

For and behalf of Secretary, ICAR

SCHEDULE OF TENDER

(ADVERTISED TENDER ENQUIRY)

NAME OF DIVISION/ UNIT: SEED PRODUCTION UNIT, ICAR-IARI, Pusa Campus, New Delhi – 110012

For and on behalf of the Secretary, ICAR, the Director, ICAR-IARI invites *Online* tenders under Two Bid System (Technical and Commercial Bid) on the prescribed forms Chapter -IV and V, for supply, installation and commissioning of machines for seed processing plant on trunk basis and AMC for 5 years beyond the warranty period as detailed in this schedule to tender. However it may be noted that it will be the discretion of the ICAR-IARI authority whether to purchase or not.

Sl. No.	Name of Machinery & Equipment	Location / Area Office/Contact Person	Capacity	Total Quantity (No.)
1.	I. Complete Seed Processing Line with 5 years AMC	SPU, ICAR-IARI, New Delhi	4TPH	One
	II. Complete Seed Processing Line with 5 years AMC	ICAR-IARI, Regional Station, Karnal	4TPH	One

2.	THIS TENDER ENQUIRY HAS THE FOLLOWING CHAPTERS AND ANNEXURES
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Schedule to Tender

Chapter I	:	Instructions to Bidders
Chapter II	:	Conditions of Tender /Contract
Chapter III	:	Schedule of Requirement
Chapter IV	:	Tender Form, Technical Bids
Annexure –A-1	:	Affidavit Certificate
Annexure –A-2	:	Affidavit Certificate
Annexure –A-3	:	Technical Specification Compliance Report
Annexure –A-4	:	Certificate for Foreign Bidder
Annexure –A-5	:	Check List
Chapter V	:	Performa for financial bid (to be quoted as per BOQ)

3	You are requested to study the Online tender documents carefully and ensure all documents and Annexures are correctly attached, filled in, digitally signed and stamped where applicable and then submit your offer.
4	<p>Tenderers are advised to carefully go through all the conditions and documents attached with this tender enquiry, before submission e-tender. All tender documents attached with the tender are sacrosanct for considering any offer as a complete offer. <u>All tender documents must be duly completed, digitally signed by authorized signatory on each page and returned with the offer where ever applicable.</u></p> <p>The firms must upload scanned copy of all required documents as asked in the tender through CPP Portal (e-procurement) and also submit the same offline to the Asstt. Admn. Officer, SPU, IARI, NEW DELHI-12 or may send it by registered post on the above address as to reach before the closing time given in the tender. Purchaser shall not be responsible for any postal delays etc. Entire responsibility shall devolve upon the bidder alone.</p>
5	This tender is not transferable

Asstt. Admn. Officer

Instructions to Bidders**(THIS TENDER SET IS NOT TRANSFERABLE)**

1	Name of Division/Unit	SEED PRODUCTION UNIT, IARI, New Delhi – 12
2	Date of start of submission of Tender Document	10.09.2020
3	Last Date & Time of submission of Tender	Upto 13:00 Hrs (IST) of 9.10.2020
4	Opening of time of Tender	At 15:00 Hrs (IST) of 12.10.2020
5	Place of Submission of Tender Document	Online <u>eprocure.gov.in</u>. Online through CPP Portal at <u>https://eprocure.gov.in/cppp</u>
	I. This Office shall not be responsible for tenders submitted at any other place/website. Tenders not received within the due date & time will not be considered under any circumstances or for any reason. II. Tenderers are requested to study the tender documents completely and ensure all documents, forms and annexure to the tender are completely and correctly filled in, signed and stamped where applicable, all necessary literature, brochures and pamphlets have been attached and then to submit their offer. Incomplete tender documents shall be rejected straightway without any reference to the tenderers. Leaving any column not filled in or with cuttings will lead to rejection of the tender. III. In case tenderer are facing any difficulties in filling the tender or any discrepancy in the tender the same will be reported to this office at least two days before closing date of tender	
6	Earnest Money Deposit (EMD) and Validity	Must be Physically deposited in the form of crossed Demand Draft/PayOrder/ Deposit receipt in favour of Director, IARI from any Commercial Bank payable at New Delhi, with the tenderer as already mentioned at 1 st page of e-tender notice (S.No. 6). For claiming exemption of tender EMD vendor should enclose copy of Registration Certificate from NSIC/MSME. Udyog Aadhar only may not be valid for claiming exemption. Certificates awarded to the firm for trading activities and not for manufacturing purposes shall not be accepted as valid document/proofs for exemptions from EMD cost.
7	OFFER VALIDITY	Nine months (270 days) from date of opening of tender [Technical Bid]. In the absence of any indication in the tender documents submitted, of the date up to which the offer has been kept valid, it will be taken that the offer will remain open for acceptance for the period specified in the schedule to Tender. However, if a tenderer offers a shorter validity, the bid shall be treated as unresponsive and rejected straightway.
8	Extension of validity	If the validity of the tender is extended, the validity of the Earnest money will also have to be suitably extended by the tenderer failing which their tender shall not be considered by the purchaser after the expiry of the said period.
9	Eligibility for Responding	Technical a. Only those firms should respond who are the manufacturers or authorized dealers/agents of the stores specified in the tender specifications. b. The foreign manufacturers of the tendered stores will have to specify in the tender document, details of the sales service to be provided after expiry of warranty period. OEM/Authorized Indian Agent/ Dealer/ Distributor shall have to give an undertaking in writing that OEM will supply spare parts upto 7 years after installation/commissioning. c. Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority of Govt. of India (As per Deptt. Of Expenditure, MOF, OM

		<p>No. 6/18/2019-PPD dated 23rd July, 2020). The Tenderer shall also give a certificate with his tender as per the format attached to this Tender.</p> <p>d. Indian agents of foreign manufacturers/principal are allowed to participate in the tender subject to the following conditions: -</p> <ul style="list-style-type: none"> i) The Indian agent will submit along with the tender documents a copy of latest authority letter/agreement from the foreign manufacturer /principal. ii) Such agreement/authority with the foreign manufacturers/principal should be a long-term agreement and not merely for the present tender. The Agency Agreement should be valid for at least one year from the date of tender opening. iii) If the agreement is only for the present tender, the offer received is liable to be rejected. iv) The Agency Agreement/ Distributor Certificate between the foreign OEM and the Indian dealer should clearly mention Exclusive status of the Indian Agent (Sole selling Agent in India), after sales services arrangements and Agency Commission rates. The agreement must make the Agent/ Distributor responsible for all the contractual obligations including quality aspects, replacement of parts, warranty/guaranty obligations and AMC. The agreement should be duly signed by the authorized signatories of both the parties. Agreement not signed by either party shall not be accepted as valid. The Agreement should be signed on the letterhead of the Foreign Principal/OEM. v) The Indian agent will provide details of the after sales service and post contractual support i.e. repair, maintenance, supply of spare parts etc. that he will carry out. vi) Offers from firms whose business activities are limited to procuring items from manufacturers, both Indian and Foreign and supplying the same to the purchaser, and having no after sales service backup and AMC will not be entertained. vii) Where the quoting party /Indian representative claims to be subsidiary or branch office or an authorized representative or principal foreign manufacturer /supplier in India, then a copy of approval from RBI/Ministry concerned for operating business in India as subsidiary /branch /liaison or joint –venture may be submitted with offer. Failing which the bid will not be accepted. viii) The Indian Agent/Dealer/Distributor of an OEM can quote on behalf of one OEM only. In case he submits bids on behalf of more than one OEMs/FPs, all bids represented by him shall be rejected. <p>e. Bidder or its OEM should have supplied at least 5 nos. similar processing machines of 4 TPH or higher capacity (complete line) in last three years to Govt. department/organization/institute/Pvt. Organization. Supply order and their performance report from purchaser should be submitted in support.</p> <p>f. Bidder / Bidders OEM should have at least 10 year experience in manufacturing, supply installation and commissioning of seed processing plant machinery. List of past supply during last 10 years should be submitted in support.</p> <p>g. Bidder should have production capacity of at least 3 times the tendered quantity of processing plant machinery annually i.e. 6 Nos (complete line of 4 TPH or Higher capacity) and should be supported by following :-</p> <ol style="list-style-type: none"> 1. Self declaration of manufacturing capacity. 2. Infrastructure details, availability of equipment, space, availability of
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		<p>technical manpower for manufacturing/installation.</p> <ol style="list-style-type: none"> 3. Bidder / Bidders OEM of processing plant machinery should have in house CNC facilities for metal works such as Bending, shearing etc. 4. Bidder / Bidders OEM of processing plant machinery should have in house facility of dynamic balancing of fans/blowers <ol style="list-style-type: none"> h. Bidder should have technical manpower to take up AMC for next five year i. The warranty of machines should be minimum 12 months. j. Should submit the Specification Compliance Report as per section Chapter-IV ANNEXURE –A3 <p>Financial</p> <ol style="list-style-type: none"> a. The Average Annual Turnover in last three years of the bidder should not be less than 1000 lakhs. In case Bidder is Micro Small Enterprise (MSE's) and registered with NSIC under single point registration scheme should not be less than 300 lakhs. b. Bidder should submit evidence of Access of Finance Required with Valid Proof, from nationalized bank. c. MSME firms, registered with NSIC should submit required Certificate with proper validity along with udyog aadhar registration number d. A copy of PAN No, Income-tax Return & Audited Balance Sheet for the last three financial years should be submitted. <p>Commercial</p> <ol style="list-style-type: none"> a. EMD should be submitted.. b. MSME/NSIC claiming for turnover, EMD Fee relaxation shall submit the request letter in technical bid. c. Bidder may be a company registered under the Companies Act, 1956, or a Partnership Firm registered under Partnership Act, 1932 or a Proprietorship Firm or co-operative firm registered under Co-operative Act. d. The Bidder should submit declaration that bidder is not blacklisted nor debarred by Govt. agency or institute and no arbitration case is lying pending with this office as on date as per Chapter –IV ANNEXURE – A-1 e. 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 the stores of Identical description to any Govt. Department / Institution / Public Enterprises /Undertaking during the period of contract as per Performa attached in Chapter-IV ANNEXURE – A-2. f. Person Authorized for Signing the Bid with Valid letter on Firm/Company letter Head signed by the Director(s)/Partner(s)/Proprietor. g. Copy of GST Registration No. h. If representative participating, letter of authorization to participate in the tender opening/negotiation of rate i. Each and every page of tender document should be signed by the tenderer. j. Prices must be quoted in INR only by the Indian OEMs or their Agents/ Dealers/ Distibutors. k. In respect of the goods of foreign origin, prices should be quoted in the currency of the country of origin only.
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		<i>(Note:- The bidders who do not fulfill the above Eligibility, Technical, Financial and Commercial Qualification Criteria shall be rejected during the Evaluation of Technical Bid. Supporting documents for eligibility should be submitted in support. The purchaser reserves the right to seek clarification(s), call for historic documents existing before tender opening date. However, no documents or clarifications can be sought, offered or submitted after tender opening date which can have an impact on prices quoted or alter the competitive position of the bidders.</i>
10	Opening of Tender	The Tender will be opened by the Divisional Committee online
10a		The purchaser has the right to have a demonstration of the equipment/item in his premises. The supplier has to abide by this condition. The demonstration has to be arranged by the supplier at his own cost.
10b		In the case of consumable materials, the firm has to provide sample(s) and in the case of fabrication, prototype has to be provided by the firm.
11	Delivery Required By	Delivery Period of supply of all the machines is 90 days from the date of supply order from IARI, New Delhi-12. The tenderer should make effort to deliver machines timely.
12	Terms of Delivery	Delivery will be on specified locations already mentioned at 1 st page of e-tender notice (S.No. 1) (ON TURN KEY BASIS)
13	Inspection after Receipt of Goods	<p>The inspection will be done by the Divisional Committee in the presence of firms representative. The successful tenderer will have to provide at his own cost and arrangement technically qualified personnel at the consignee's location for joint inspection. These personnel must be able to unpack, assemble and demonstrate the use of the equipment fully and identify each Part/Machines supplied. Any consumables that are essential will be provided by the supplier free of cost.</p> <p>In case of receipt of materials in damaged condition, the suppliers will have to arrange the replacement of goods free of cost. All expenses in this regard will be borne by the supplier.</p>
14	Packing & Marking	The packing and preservation of the supplied goods shall be airworthy/seaworthy /roadworthy (as the case may be) so that it may provide their safety during transit period. The seller shall guarantee that the packing is strong enough to withstand the safety of the goods during transport. The packing should satisfy the security seal in the clearing warehouse and shall carry the fragile or other markings as required.
15	CAMC/AMC Charges	AMC/CMC charges other than quoted as per tender , shall not be included for the evaluation of the financial/commercial bids. All damages which may occur as a result of defective packing shall be borne by the seller.
16.	Compliance Statement	The firms must submit compliance statement –cum- technical bid in the format given in Chapter –IV failing which their offer will be treated as incomplete and is liable to be rejected.
17.	Earnest /Security Deposit	<p>Must be deposited in the form of Crossed Demand Draft/Pay Order/ Fixed Deposit receipt/ in the name of the Director, ICAR-IARI, New Delhi from any Commercial Bank payable at New Delhi. No other form of deposit will be accepted.</p> <p>In case, if any tenderer fails to deposit the Earned Money the tender will be rejected straightway.</p>

18	Guarantee/Warranty	Comprehensive onsite warranty is required for one Year . Warranty Terms period will start from the date of satisfactorily installation of items. In case at installation stores/part of stores are found defective /damaged during or after delivery to consignee, the suppliers will replace or repair the store under warranty at consignee's location in India free of cost or if any case it is required to sent back to the foreign manufacturer. All expenses in this regard will be borne by the supplier.
19	Performance Security	The successful bidder will have to submit a Performance security of equivalent to 10% of the Contract /Order value before the issue of award letter in shape of crossed Demand Draft/Pay order/Fixed Deposit Receipt/Bank Guarantee from a commercial bank in favour of the Director, IARI, New Delhi.
20	Liquidated Damages	In case the firm does not complete the supply within the laid down agreed Security delivery period as per contract, liquidated damages will be charged @ 0.5% per week or part thereof subject to a maximum of 10% of the contract value. However, the Institute reserves the right to either further extend or cancel the contract after expiry of delivery date and recover the liquidated damages from the dues of the firm or by legal means.
21	Dispute settlement	The dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi. His decision will be final and binding to both parties (Supplier and Purchaser).
22	Submission of the proposal TWO BID SYSTEM	The tenderers must submit the tenders in TWO BID SYSTEM <ul style="list-style-type: none"> i. The tenderers should submit the tenders in TWO BID SYSTEM ONLINE along with detailed specifications of the store offered supported by leaflets, Brochure. ii. Both the above mentioned bids should be submitted separately ONLINE. iii. Price bids of only those offers, which will be technically acceptable, will be opened. Financial bids of technically qualified firms will be opened ONLINE.
23	Evaluation of the Proposal	A two stage procedure will normally be adopted: - <p>i) Stage-I:</p> <p>Evaluation of Technical Bids to assess their suitability against the laid down parameters.</p> <p>Tenderers must ensure that they upload all original technical literature and detailed documentary proofs which specifically bring out the compliance of the equipment being offered against the specifications. If necessary the Tenderers may be directed to give a presentation for evaluation by a technical committee constituted for the purpose.</p> <p>In case it is not possible to verify compliance of equipment as per technical bid due to lack of adequate documents, in original no reference will be made to tenderer and the bid will not be considered further and treated as cancelled.</p> <p>ii) Stage-II</p> <p>Financial Evaluation</p> <p>A. The price bids of only those firms found meetings the laid down specifications at stage I shall be opened, evaluated and considered further.</p> <p>B. Tenderers may carefully note that prices quoted would be considered for the complete job / total cost and if any bidder quotes prices for parts/some items and not for the complete job such quotations will not be considered and rejected. Further, if prices for some items happened to be lowest no preference will be given for particular items. Overall total cost only shall be reckoned /considered towards bid price.</p>

		<p>C. It is in the tenderers interest to include all relevant and detailed technical data as supporting documents along with their bid.</p> <p>D. AMC/CMC charges other than quoted as per tender shall not be included for the evaluation of the financial/ commercial bids.</p> <p>E. Purchase preference to make in India:-</p> <p style="padding-left: 40px;">Purchase preference of 20% shall be given to ‘Class-I local Supplier’. The ‘Class- 1 local Supplier’ shall get purchase preference over ‘Class- II local Supplier’ as well as ‘Non local supplier’, as per the following procedure:</p> <p>i. Among all qualified, the lowest bid will be termed as L 1. If L1 is ‘Class-I local supplier’, the contract will be awarded to L 1.</p> <p>ii. If L 1 bid is not a ‘Class-I local supplier’, the lowest bidder among the ‘Class-I local supplier’, will be invited to match the L 1 price subject to ‘Class-I local supplier’ quoted price falling within the margin of purchase preference, and the contract shall be awarded to such ‘Class-I local supplier’ subject to matching the L 1 price.</p> <p>iii. In case such lowest eligible ‘Class-I local supplier’ fails to match the L 1 price, the ‘Class-I local supplier’ with the next higher bid within the margin of purchase preference of 20% shall be invited to match the L 1 price and so on and contract shall be awarded accordingly. In case none of the ‘Class-I local supplier’ within the margin of preference matches the L 1 price, the contract may be awarded to the L 1 bidder.</p> <p>iv. ‘Class-II local supplier’ will not get any purchase preference.</p> <p>v. ‘Class-I local supplier’/ ‘Class-II local supplier’ shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for ‘Class-I local supplier’/‘Class-II local supplier’, as the case may be. Tenderers shall also give details of the location(s) at which the local value addition is made. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successor can be debarred for up to two years alongwith such other actions as may be permissible under the law.</p> <p>vi. For the purpose of this tender:</p> <p style="padding-left: 40px;">I) ‘Local content’ means the amount of value added in India which shall be the total value of the item procured(excluding net domestic indirect taxes) minus the value of imported content in the item(including all custom duties) as a proportion of the total value, in percent.</p> <p style="padding-left: 40px;">(II). “‘Class-I local supplier’ means a supplier or service provider, whose goods, services or work offered for procurement, has local content equal to or more than 50%.</p> <p style="padding-left: 40px;">(III). ‘Class-II local supplier’ means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%.</p> <p style="padding-left: 40px;">(IV) ‘Non- local supplier’ means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than or equal to 20%.</p> <p style="padding-left: 40px;">(V) A supplier or bidder shall be considered to be from a country if :</p> <p style="padding-left: 80px;">(i) the entity is corporate in that country; or</p> <p style="padding-left: 80px;">(ii) a majority of its shareholding or effective control is exercised from that country; or</p>
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		<p>(iii) more than 50% of the value of the item being supplied has been added in that country.</p> <p>(iv) Indian suppliers shall mean those entities which meets any of these tests, (i) to (iii) above, with respect to India.</p> <p>F. (i) 'L 1' means the lowest tender or lowest bid or lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender.</p> <p>(ii) 'Margin of purchase preference' means the maximum extent to which the price quoted by a "Class-I local supplier" may be above the L 1 for purpose of purchase preference.</p> <p>(iii)'Work' means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey' works'.</p>
24	Mode of Payment	<p>A. FOR INDIGENOUS SUPPLIES:</p> <p>Payment on bill basis after supply, satisfactory installation, commissioning and performance of the equipment at New Delhi and after certification by our Scientists concerned.</p> <p>B. FOR IMPORTS: The payment shall be made through irrevocable Letter of Credit (L.C.). LC will be opened on 100% value of the equipment/item on FOB value (on turn key basis) and 80-90% shall be released on presentation of complete and clear shipping documents. Rest will be released only after satisfactory installation and commissioning of the equipment. This will not include commission to the Indian Agent. Payment to the Indian agent will strictly be made in Indian Rupees after satisfactorily commissioning of equipments.</p> <p>All bank charges outside India will be borne by the supplier. In case the delivery date of the contract is extended to take care of delay in supply, for which the supplier is responsible, the tenure of the letter of credit so extended, the expense incurred therefore such extension is to be borne by the supplier.</p>
25	Training	<p>THE TENDERERS SHALL PROVIDE TRAINING TO THE USER AS PER THE TERMS & CONDITIONS OF THE CONTRACT AS HAS BEEN SPECIFIED IN TECHNICAL & FINANCIAL BIDS FREE OF COST AT THE TIME OF INSTALLATION/COMMISSION OF EQUIPMENT AT THE CONSIGNEES/ USERS LOCATION. AS SPECIFIED BY THE PURCHASER. ALL EXPENSES IN THIS REGARD WILL BE BORNE BY THE SUPPLIER.</p>
26	Insurance	<p>In the case of imported goods, the office shall arrange for the same. However, for indigenous item it will be responsibility of the supplier to supply the material in good condition on FOR basis without involving any risk whatsoever, of the purchaser.</p>

A legal agreement/contract shall be executed with the contractor/firm by the Institute before installation of all/any type of instrument/machine as per the instructions of the Indian Council of Agricultural Research (ICAR).

Asstt. Admn. Officer

CONDITIONS OF TENDER/CONTRACT

1. All annexures, attached with the Tender should be duly filled in and supported with requisite documents for considering any offer as a complete offer. Director, IARI, New Delhi, reserves the right to cancel/reject any or all the tenders without assigning any reason.
2. **EARNEST MONEY DEPOSIT:** Must be deposited in the form of crossed Demand Draft/Pay Order / fixed deposit receipt/ in favour of Director, IARI from any Commercial Bank payable at New Delhi. No other form of deposit will be accepted. Technical bid without physical deposition of E.M. D with tender issuing authority before the prescribed date will liable to be rejected.
 - a. There will be no exemption for paying earnest money except NSIC/MSME. No interest shall be payable by the purchaser on the EM deposited by the tenderer.
 - b. The EMD is liable to be forfeited if the tenderer withdraws or amends impairs or derogates from the tender in any respect within the period of validity of his tender.
 - c. If the successful tenderer fails to furnish the performance security as required in the contract within the stipulated period, the Earnest Money shall be liable to be forfeited by the purchaser.
 - d. EMD of the unsuccessful tenders shall be returned after finalization of tender.

3. GUARANTEE/WARRANTY

Except otherwise provided in the invitation to tender the contractor hereby declares that the goods/ stores/ articles/ equipment sold/ supplies to the purchaser/consignee under this contract shall be of best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars mentioned/contained in the contract. The contractor hereby guarantees that the said goods/stores/articles would continue to confirm to the description and quality aforesaid for a period of two years from the date of receipt of goods/articles/equipment in good condition at site by the consignees in case of supply contract and one year from the date of installation and satisfactory taking over of the goods/stores/articles/equipment at site by consignee where installation and commission is involved and notwithstanding the fact that the purchase /inspection authority has inspected and/or approved the said goods/stores/articles equipment or such if during the Twenty Four months the said goods/stores/articles/equipment be discovered not to confirm to the description and quality aforesaid or not giving satisfactory performance or have deteriorated and the decision of the purchase /consignee in that behalf shall be final and binding on the contractor/seller and the purchaser shall be entitled to call upon the contractor/seller to rectify the goods/stores /articles/equipment or such specified period as may be allowed by the purchaser in his discretion on application made thereof by the contractor/seller, and in such an event, the above period shall apply to the goods/stores/articles/equipment rectified from the date of rectification mentioned in the warranty thereof, otherwise the contractor/seller shall pay the purchaser such compensation as may arise by reason of the breach of warranty therein contained. Notwithstanding anywhere else mentioned to the contrary in this document, the bids would be evaluated on price of the equipment and accessories, if any..

- a. Guarantee that they will supply the spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be and including but without limitation an agreed discount on the catalogue price or an agreed percentage of profit on landed cost.
- b. Warranty to the effect that before going out of production for the spare parts they will give adequate advance notice to the purchaser of the equipment so that the later may undertake the balance of lifetime requirements.
- c. **NOTE:** In case of any discrepancy in the period of guarantee/ warranty mentioned anywhere else in this Tender document, the stipulations as mentioned in the chapter III (specification of the equipment/ item to be purchased) would prevail.

4. **PRICE:** 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 items-wise, job wise **for entire work** on Turnkey basis as indicated in the Schedule of Requirement “Chapter III” of the tender documents and should be given strictly in a manner as indicated in the ‘Chapter- IV’ of the tender document, as under
- (a) **Tenderers may carefully note that prices quoted would be considered for the complete job / total cost and if any bidder quotes prices for parts/some items and not for the complete job such quotations will not be considered and rejected. Further, if prices for some items happened to be lowest no preference will be given for particular items. Overall total cost only shall be reckoned /considered towards bid price.**
- (b) The rates should be quoted for the offered items on the basis of F.O.R. Destination door delivery inclusive of all taxes (including GST, Service Tax etc), Duties (Excise, Special Excise, Cess etc), Other tax (Octroi etc), Packing & Forwarding charges etc.
- (c) If the rates quoted by tenderer are exclusive of GST or any other taxes or levies, which are payable in addition, the exact rate at which they are payable should be shown clearly in the tender. In the absence of clear indication that these levies are payable in addition to the rates quoted, it will be assumed that rates are inclusive of all taxes and no extra taxes will be paid.
- (d) The Institute is exempted from payment of excise duty. Hence, excise duty will not be paid to the firm.
- (e) The Institute is exempted from payment of Custom Duty for which the exemption certificate will be issued
5. **AMC of Machines :** Applicable as per AMC of tender
6. **NEGOTIATION:** There shall normally be no post tender negotiation. If at all negotiations are warranted under exceptional circumstances then it can be with L-1 (lowest eligible & technically qualified bidder only).
7. **SPLITTING OF ORDERS:**The Purchaser may decide to split the order among two or more tenderers according to exigencies of the cases at L-1 rate.
8. **Penalty for use of undue influence:-**
- The seller should undertake that he has not given offered or promised to give directly or indirectly any gift, consideration, reward, commission, fees brokerage of inducement to any person in service of the Purchaser or otherwise in procuring, the contract or forbearing to do or for having done or for borne to do any act in relation or execution of the contract or any other contracts with the Institute for showing or for bearing to show favour or disfavor to any person in relation to the contract or any other contract in the IARI. Any breach of the aforesaid undertaking by the seller or any one employed by him or acting his behalf whether with or without the knowledge the seller or the commission of any offers by the seller or any one employed or acting on his behalf, as defined in Chapter-IX of the IPC, 1860 or the Prevention of Corruption Act, 1947 or any other Act enacted for the Prevention of Corruption shall entitle the purchase to cancel the contract and all or any other contract with the Institute seller and recover from the seller the amount of any loss arising from such cancellation. A decision of the purchaser or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller.
- a) Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer /employee of the purchaser or to any other person in a position to influence any officer /employees of the purchaser for showing any favour in relation to this or any other contract sell render
9. **LAWS GOVERNING THE CONTRACTS:** The contracts shall be governed by the laws of India for the time being in force. The contract shall be interpreted in accordance with these laws.
- a. **Jurisdiction of Court:** The court of the New Delhi shall have a Jurisdiction to decide any dispute arising out of or in respect of contract.

- b. **Force Majeure Clause:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. 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 event may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods. Epidemics, quarantine restrictions, strikes, lockout or any act of war. Notice of the happening of any such event is given by either party to the other within 15 days from the date of occurring thereof. The Contractor has to give notice of Force Majeure. It can not be claimed ex-post facto. In a similar situation with the purchaser, where purchaser is unable to receive supplies at his site due to FM condition, Purchaser can also make a communication accordingly. If the performance in whole or in part is prevented or delayed by any reason of FM for a period exceeding 90 days, either party may at its opinion terminate the contract without any financial repercussion on either side. Notwithstanding the punitive provisions contained in the contract for delay or breach of contract, the supplier would not be liable for imposition of any such sanction due to delay occurring covered in FM clause.

10. **Termination of contracts:** Time shall be the essence of the contract. The purchaser shall have the right to terminate the contract without any notice in part or in full in any of the following cases.

- a. The delivery of the material is delayed for causes not attributed to Force Majeure after the scheduled date of delivery.
- b. The seller is declared bankrupt or becomes insolvent.
- c. The delivery material is delayed due to causes of Force Majeure by more than reasonable time.
- d. In case Performance Security is not furnished within the time period specified by the purchaser.
- e. Supply in the case of successful Tenderer should strictly confirm to the specifications of the equipment being purchased.
- f. Any change in Address /Telephone/Fax/e-mail of the tenderer should immediately be informed. The state of non-communication by the firm will make the offer liable for rejection.
- g. In case of imported item/equipment, the successful bidder will have to provide the original proforma invoice from the foreign principal (duly signed in ink), within 15 days of the date of receipt of purchase order, otherwise the purchase order will automatically stand cancelled without any further communication.

11. **Govt. Regulations:** It shall also be confirmed that there are no Govt. restrictions or limitation in the country of the supplier or countries from which sub-components are being procured and/or for the export of any part of the system being supplied. Supplies/Contracts shall provide a certificate this effect.

12. **Acceptance or rejection of offer:** The Director, IARI, New Delhi reserves the right to accept or reject any tender in part or full without assigning any reason thereof. The successful bidder should submit order acceptance letter within 15 days from the date of issue.

13. **Page Numbering & Signatures:** Every page of the tender must be numbered and signed by the authorized signatory giving his/her name and designation below the signature.

Assistant Admn. Officer

Schedule of requirement

SUPPLY, INSTALLATION AND COMMISSIONING OF MACHINES FOR SEED PROCESSING PLANT ON TRUNKY BASIS AND AMC FOR 5 YEARS

Sl. No.	Name of Machinery & Equipment	Location / Area Office/Contact Person	Capacity	Total Quantity (No.)
1.	I. Complete Seed Processing Line with 5 years AMC	SPU, ICAR-IARI, New Delhi Dr Sanjay Kumar, Incharge, SPU Ph: 9013563919	4TPH	One
	II. Complete Seed Processing Line with 5 years AMC	ICAR-IARI, Regional Station, Karnal Dr. V K Pandita, Head Ph:9416031510	4TPH	One

Detailed Technical Specifications of Processing Plant (For both locations):

No.	DESCRIPTION		
1.	DUMP HOPPER		
	Capacity	:	1 Ton (Wheat basis at 12% Moisture Content and 15 % impurities)
	Fabrication material for Boot assembly	:	M.S. Sheet 3.0 mm thickness Minimum
	Features	:	Feed control, Top loading, Grated top, Compliance to safety, Self-Cleaning
	Installation	:	Below ground level
2.	VERTICAL BUCKET ELEVATOR FOR FEEDING OF SEED TO SEED PRE CLEANER:		
	Capacity	:	7.0 TPH (Wheat basis at 12% Moisture Content and 15 % impurities)
	Discharge Height	:	Matching with Seed pre- cleaner hopper
	Discharge	:	Centrifugal
	Fabrication material for Boot assembly	:	GI./MS Sheet, 3.0 mm Minimum
	Fabrication material for Section Legs	:	GI./MS Sheet, 2.0 mm Minimum
	Fabrication material for Head Casing	:	GI./MS Sheet, 2.5 mm Minimum

Fabrication material for Discharge Pipe	:	SS mirror finish sheet
Belt	:	Noncorrosive to agricultural seed, Suitable for rated capacity of the elevator, Smooth and sturdy belt joint
Bucket	:	Material: HDPE/Nylon least wearing with seed handling Self-Cleaning embedded design insuring mechanical seed damage in operation Fastening of bucket with belt: tight without any minor gap
Belt Speed; m/s	:	1.0m maximum
Boot Assembly	:	Two removable slide gates shall be provided for easy and fast cleaning and rendering service to the bottom pulley Belt tightening arrangement Removeable Seed sampling tray
Section Leg	:	Transparent inspection door 2 at standard height
Anti-reversedevice	:	Topreventbacktravelfbeltatthe time of sudden powerfailure
Electric Drive	:	Matching geared motor A.C. Supply 440 V, 3 phase, 50 Hz, Siemens/ Rotomotive/ Bonfiglioli/ /Equivalent standard makes confirming BIS standards and safety compliance
Ladder with service platform	:	Maintenance work at Head unit, Safety compliance

3.	HOLDING BIN/SURGE BIN FOR PRE- CLEANER:		
Capacity	:	Matching capacity- Minimum 1 Ton (Wheat basisat 12% Moisture Content and 15 %impurities)	
Fabrication material for Holding/Surge Bin	:	M.S. Sheet 2.0 mm thickness Minimum with noncorrosive to agricultural seed movement	
Features	:	Feed/Dischargecontrol automatic with manual, Observation window, Self-Cleaning, Low & high Seed Level indicating system with operation controller/manager	
Service Ladder	:	For cleaning or inspection	

4.	AIR SCREEN SEED PRE-CLEANER :		
Throughput Capacity	:	5 TPH (Wheat basisat 12% Moisture Content and 15 %impurities)	
Type	:	2 stage Sieving along with 1 Stage Dockage removal system	
Feed Mechanism	:	Feed roller for uniform &continuous feeding	
Aspiration	:	Two stage aspiration	
Sieve Deck		Tough wood, adjustable oscillation speed,	
Sieve perforation cleaning		Rubber balls/ knockers/ combination	
Sieve slope		Fixed: maximum 15 degree/ adjustable	
Inspection Window		Product line	
Discharge Chute		Separate for every grade of separates with bagging arrangement except product	
Features		Self-cleaning, Dust Collecting system with disposal duct	
Power Drive		Matching electric motor of AC 3 Phase supply at 50 Hz	
Essential accessories		Two set of Scalping and grading Sieve	

	Additional sieve and other accessories of the machine shall be quoted separately with full technical details	
5.	V. BUCKET ELEVATOR (To Feed Seed Grader from Pre-cleaner) :	
	Capacity	: 6 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Discharge Height	: Matching with Seed Grader hopper
	Other specifications shall be same as at Sr.No.2.	
6.	HOLDING BIN/SURGE BIN FOR SEED GRADER: Specifications as at Sr. No.3 with matching capacity (Minimum 1 Ton)	
7.	AIR SCREEN GRADER:	
	Throughput Capacity	: 4 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Type	: 2 stage Sieving
	Feed Mechanism	: Feed roller for uniform &continuous feeding
	Aspiration	: Two stage aspiration
	Sieve Deck	: Tough wood, adjustable oscillation speed,
	Sieve perforation cleaning	: Rubber balls/ knockers/ combination
	Sieve slope	: Fixed: maximum 15 degree/ adjustable
	Inspection Window	: Product line
	Discharge Chute	: Separate for every grade of separates with bagging arrangement except product
	Features	: Self-cleaning, Dust Collecting system with disposal duct
	Power Drive	: Matching electric motor of AC 3 Phase supply at 50 Hz
	Essential accessories	: Two set of Scalping and grading Sieve
	Additional sieve and other accessories of the machine shall be quoted separately with full technical details	

8.	V. BUCKET ELEVATOR with 3 Way Control for Material (To Feed Indented Cylinder Separator or to bypass to Specific gravity Separator or to bypass to after Specific gravity Separator) :	
	Capacity	: 5 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Discharge Height	: Matching with Indented Cylinder Separator& Specific Gravity Separator hopper
	Discharge Control	: Product movement path from ground
	Other specifications shall be same as at Sr.No.2.	
9.	HOLDING BIN/SURGE BIN FOR INDENTED CYLINDER SEPARATOR: Specifications as at Sr. No.3 with matching capacity (Minimum 1 Ton)	
10.	INDENTED CYLINDER SEPARATOR: (For Wheat & Paddy)	
	Throughput Capacity	: 4 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Type	: 2 stage
	Drive motor	: Matching electric motor of AC 3 Phase supply at 50 Hz
	Operational Feature	: Adjustable Speed of Rotation, Adjustable Trough Position
	<ul style="list-style-type: none"> Additional Indented Cylinder and other accessories of the machine shall be quoted separately with full technical details 	
11.	V. B. ELEVATOR TO FEED SPECIFIC GRAVITY SEPARATOR FROM INDENTED CYLINDER:	
	Capacity	: 5 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Discharge Height	: Matching with Specific Gravity Separator hopper
	Other specifications shall be same as at Sr.No.2	
12.	HOLDING BIN/SURGE BINFOR SPECIFIC GRAVITY SEPARATOR Specifications as at Sr. No.3 with matching capacity (Minimum 1 Ton)	

13.	V. B. ELEVATOR to HANDLE MIDDLING of SPECIFIC GRAVITY SEPARATOR	
	Capacity	: 3 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Discharge Height	: Matching with Specific Gravity Separator hopper
	Other specifications shall be same as at Sr.No.2	
14.	SEED SPECIFIC GRAVITY SEPARATOR :	
	Throughput Capacity	: 4 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Type	: Oscillating Single Deck
	Feed Mechanism	: Vibrating Feeder with adjustable feed for uniform & continuous feeding
	Fan and Control	: Individual adjustable precise air flow control: For specific air flow at different position of deck
	Features	: Preciseoscillation speed adjustment, Precise longitudinal and transverse slope adjustment, Adjustable Heavy material removal arrangement,Dust Collecting system with disposal duct
	Discharge Chute	: Separate for every grade of separates with bagging arrangement except product and middling
	Power Drive	: Matching electric motor of AC 3 Phase supply at 50 Hz
	Additional Deck for fine seed and other accessories of the machine shall be quoted separately with full technical details	
15.	V. B. ELEVATOR with 2 Way Control for Material (To Feed Seed Treater Hopper or bypass to Bagging Bin) :	
	Capacity	: 5 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Discharge Height	: Matching with Seed Treater hopper and Bagging Bin

	Other specifications shall be same as at Sr. No. 2.	
16.	HOLDING BIN/SURGE BIN FOR SEED TREATER Specifications as at Sr. No.3 with matching capacity (Minimum 1 Ton)	
17.	SEED TREATER, (MIST-O-MATIC TYPE) WITH POWDER ATTACHMENT	
	Capacity	: 3 TPH (Wheat basis at 12% Moisture Content and 10 %impurities)
	Fabrication Material	: Non corrosive and non-reactive with seed treatment chemicals preferably SS-304
	Chemical Tank	Capacity: 200 liters minimum Efficient mixing arrangement
	Feed Mechanism	: Vibrating Feeder with adjustable feed for uniform & continuous feeding
	Metering system (Chemical)	: Precise adjustable metering synchronized with seed metering system
	Metering system (Seed)	: Precise adjustable metering synchronized with chemical metering system
	Blending/mixing system	: Suitable for uniform chemical treatment to seed with minimum 80 % efficiency Efficient and suitable mixing mechanism e.g flight auger not brush type Adjustable mixing speed
	Power Drive	: Matching electric motor of AC 3 Phase supply at 50 Hz
18.	Automatic Weighing and Bagging System:	
	Storage Bin Capacity	: 8 Tone Minimum (Wheat basis at 12% Moisture Content and 10 %impurities)
	Fabrication Material	: Non corrosive to seed flow, sturdy

	Feature		Self-cleaning, Sturdy, Two side Observation window, low level, high-level sensor with Indicators (Sound & light), Discharge Control Manual & Automatic
	Ladder with safety	:	For maintenance and monitoring
	Discharge outlet	:	Two (1-10 kg & 10 – 100kg)
	Suitable for	:	Agricultural seed of Maize, Wheat, Paddy, Soyabean, Pulses, Oil seeds, Peas, Fodder etc
	Weighing Accuracy	:	1-10 Kg: ± 10 g maximum and 10-100 kg: ± 50 g Maximum
	Weighing Capacity	:	3-4 bag/minute minimum
	Display & control	:	No. of bags, Dynamic Weight, Taring, Resetting, Calibration, Pushbutton/ Touch & Foot paddle
	Stitching/Closing Unit	:	Capacity: matching with weighing Bag material suitable: Jute, Hessian Cloth, Cloth, HDPE, Non-WovenHDPE, Woven HDPE bags Stitching Hight:Adjustable Thread cutter, Electric powered, Operation control, Safety Compliance
	Stitching Type	:	Parallel double chain stitch
	Bag Conveyer	:	Length: 2 m minimum, Conveyer Adjustment
	Stitching/Closing & bagging Unit	:	Integrated Mobility and Mobility Fixing system
19.	MOBILE AIR COMPRESSOR:		
	Power Drive	:	AC, 415V, 50 Hz, 3 Phase, 4 kW Minimum
	No. of cylinders	:	Two Minimum
	Air Pressure	:	10 kg/cm ² Minimum
	Tank Capacity	:	300 liter Minimum with liquid drain

	Cooling Method	:	Air
	Mounting& features	:	Moveable, Compliance to safety norms, Operational control, High pressure prevention, Emergency shutoff Provision, Pressure display
	Essential Accessories	:	Air Gun with 10 m Minimum Airhose and other essential accessories
20.	MOISTURE METER:		
	Power	:	AC, 220-40V, 50 Hz,1 Phase, and Battery
	Type	:	Portable
	Moisture range	:	4-30% (wet basis)
	Moisture accuracy	:	±0.2% Maximum
	Temperature Compensation	:	Automatic
	Display	:	Digital LED/LCD, Moisture content and instantaneous temperature
	Crop seed suitability	:	Cereal, Pulses, Oil-seeds, Vegetables, Fodder
	Essential feature	:	Facility to record 100 readings minimum such as date, time, commodity name, moisture percentage,temperature etc. Data Averaging, Last Reading recall Custom calibration
	Comply	:	IS 8824:1978
	Interfacing Port	:	USB
21.	WEIGHING SCALE (ELECTRONIC)		
	Power Supply	:	AC, 220-40V, 50 Hz, Single Phase, and DC, Battery
	Type	:	Portable, Platform

	Measurement range	:	0-100 kg ± 10g 0-100 kg ± 50g
	Display	:	Digital LED/LCD, Moisture content and instantaneous temperature
	Interfacing Port	:	USB
	Platform material		Stainless steel
	Crop seed suitability	:	Cereal, Pulses, Oil-seeds, Vegetables, Fodder etc.
	Essential feature	:	Taring, Facility to store 10 readings minimum, Stabilization Time : 10 sec Maximum, Overload Indication & Protection, Leveling system and indicator, Last Reading recall, Custom calibration
	Warranty	:	On-site 1 Year minimum
22.	HAND HELD BAG CLOSING MACHINE :		
	Power Supply	:	AC, 220-40V, 50 Hz, 1 Phase
	Type	:	Portable
	Sewing speed	:	1500 stitches/ min minimum
	Stich	:	Chain, Double thread, 3 – 4 /inch fixed
	Suitable type of bag	:	Cotton, PP/PE, Hessian, Woven Polypropylene etc.
	Platform material	:	Stainless steel
	Essential feature	:	Thread cutting, auto lubrication, operation micro switch, emergency stop mechanism
	Warranty	:	On-site 1 Year minimum
23.	MANUAL CART :		
	A. Two Wheel Type (Four No.)		

	Number of Wheel	:	Two, non-pneumatic
	Carrying Capacity	:	150 kg
	Essential feature	:	Suitable for handling wheat bag weighing 100 kg at 10% moisture content, Comfortable hand grip
	Warranty	:	On-site 1 Year minimum
	B. Four Wheel Type (Four No.)		
	Number of Wheel	:	Four, non-pneumatic
	Carrying Capacity	:	800 kg
	Essential feature	:	Front two wheels - steerable type and equipped with parking locking arrangement Equipped with suitable grip handle
	Warranty	:	On-site 1 Year minimum
24.	CENTRALIZED DUST COLLECTING SYSTEM :		
	Power Supply	:	AC, 415V, 50 Hz, Three Phase
	Cyclone dust collector		As per processing line requirement
	Duct with support	:	As per requirement
	Dust Collection Points	:	All the potentials, <i>si.e</i> hoppers, V B Elevators, all machines <i>etc.</i>
	Electric Motor with accessories	:	Matching to the system
25.	COMMON RAISED PLATFORM STRUCTURE:		
	<p>Common raised platform structure for mounting pre-cleaner, fine cleaner, indented cylinder, seed grader, gravity separator. Bucket elevator, bagging bin and undersize bin shall be installed on ground level.</p> <p>Made of heavy duty MS channels, angle iron, clear height shall be 2 m from ground level. Complete with stair, railing & walking platform. The top sheet of the platform shall be</p>		

	non-slippery & easy cleaning type.	
26.	ELECTRIC CONTROL PANEL:	
	A. Plant Power Control	
Power	:	AC, 415V, 50 Hz, 3 Phase
Body Material	:	Mild Steel powder coated
Enclosure Rating	:	IP54
Enclosure safety	:	Lock with key
Current Rating	:	As per rated load of plant with safety factor 1.25 minimum
Bus Bars	:	Electrolytic copper, Bus bar temp <95 deg. C
Change Over Switch	:	Matching with plant requirement
Power Characteristic Indicator ((Light)	:	Voltmeter, Ammeter, Phase, Over load comply relevant IS/IECstandards
Power Characteristic Indicator (Sound)	:	Phase, Over load
Emergency Control	:	Shutoff Switch with reset comply relevant IS/IECstandards
Relay	:	Comply relevant IS/IECstandards for plant requirement
Test reports andcalibration test reportsfor the measuringinstruments shall befurnish along with supply		
Circuit diagram shall befurnish along with supply		
B. Machine Control		
Power	:	AC, 415V, 50 Hz, 3 Phase
Body Material	:	Mild Steel powder coated

Enclosure Rating	:	IP54
Enclosure safety		Lock with key
Current Rating	:	As per rated load of machine & its component with safety factor 1.25 minimum
Bus Bars	:	Electrolytic copper, Bus bar temp <95 deg. C
Power Characteristic Indicator (Light)	:	Voltmeter, Ammeter, Phase, Over load comply relevant IS/IECstandards
Power Characteristic Indicator (Sound)	:	Phase, Over load
Relay	:	Comply relevant IS/IEC standards for machine/component requirement
Emergency Control	:	Shutoff Switch with reset comply relevant IS/IECstandards
Protection	:	Phase, Current, Over Load, Motor Starting/Stopping comply relevant IS/IECstandards for plant requirement
Test reports and calibration test reports for the measuring instruments shall be furnish along with supply		
Circuit diagram shall be furnish along with supply		

- Note :
- All M.S. components shall be painted with two coats of red oxide primer followed by two coats of enamel paint.
 - All elevators, Main machines like pre-cleaner, grader, Indented Cylinder, Gravity Separator, Seed Treater shall be painted in one color. Delivery chutes shall be constructed out of 120 GSM galvanized sheet bolted construction to save on transport cost. All fans shall be dynamically balanced.
 - All Bearing shall be SKF/NBC make. All bearing to be provided with caps to prevent dust.
 - All the belts shall be Continental/Fenner/ Hilton make.
 - Y Section to be offered with each elevator to reduce the speed of seed at the discharge end.
 - All delivery chutes shall be of 3 mm GI or lined with anti abrasive material OR 2.0 mm SS 304.

SECTION – II -ANNUAL MACHINERY MAINTAINACE CONTRACT

Bidder should also offer annual Plant machinery maintenance contract of offered machine /Equipment of plant for five years after warranty period, which should include following requirements.

The scopes of works that are to be covered under the AMC are as follows:

1. Maintenance of machinery

S. No.	Components	Scope of work	Schedule *(During plant operation)
1.	Pre Cleaner , Grader, indenting cylinder of Processing plant	<ol style="list-style-type: none"> 1. Inspection of sieves. 2. Checking of bearings and proper greasing. 3. Inspection of belts, chains and wire ropes and proper lubrication. 4. Inspection of electrical components and circuits. 5. Lubrication of fast moving parts like bearing body, bushes, couplings etc. 6. Checking of pulleys, blower fans and other fast moving items. 	Fortnightly & As per requirement
2.	Vertical Bucket elevator	<ol style="list-style-type: none"> 1. Inspection of flat belts and the buckets of elevator 2. Inspection of motor, bearings and pulleys. 3. Inspection and lubrication of gear box. 4. Lubrication of the fast moving parts. 5. Inspection of electrical components and circuits. 	Fortnightly & As per requirement
3.	Gravity separator	<ol style="list-style-type: none"> 1. Inspection of bearings and belts of the gravity. 2. Inspection of the blower's shaft, pulley and bearings. 3. Setting of air control 4. Lubrication of the fast moving parts. 5. Inspection of Motors, pulley, blower and electrical components. 	Fortnightly& As per requirement
4.	Main electrical supply and circuits	<ol style="list-style-type: none"> 1. Inspection of all the electrical components like starters, switches, joints, MCBs etc. 	Fortnightly & As per

		<ol style="list-style-type: none"> 2. Maintenance of Electric supply. 3. Replacement of faulty parts. 	requirement
5.	Air Compressors	<ol style="list-style-type: none"> 1. The air compressors should be inspected for proper functioning and necessary repair should be done to avoid any breakdowns. 2. Checking of high pressure pipe for any leakages. 	Fortnightly & As per requirement
6	Any other processing machinery like Bag closer, Bins vegetable plant, raw seed pre cleaner destoner, air compressor, seed treater, electrical parts related to processing machine and equipment	<ol style="list-style-type: none"> 1. Inspection of machine / parts 2. Preventive service 3. Lubrication of moving parts 	Fortnightly & As per requirement

*the requirement of for fortnightly visit will be required during the plant operation season and minimum visit in year should be 12 Nos.

2. After inspection and checking of the above machinery, all the necessary setting repair and maintenance work has to be performed and job card shall be maintained.
3. Prepare list of spare parts required to be replaced in the above machinery and submit to plant in-charge for taking approval for purchase.
4. Arrange the spare parts after approval and carry necessary repair and fitting of parts and replaced old parts may be submitted to concern plant in charge.
5. Maintain History sheet of service and maintains record with list of spare parts replaced with cost incurred in spare parts.
6. Keep plant machinery ready for operation as per processing schedule of Unit/Regional Station.
7. Operation of all the plant machinery as per requirement and processing schedule.
8. To carry all the works/service to run the machine efficiently
9. To make the plant ready after complete checking, repair & maintenance 1 week before start of processing.
10. The technical person of the contractor shall visit the plant as per the above schedule and on call of plant incharge to carry the maintenance work. The technical person should reach the plant within 24 hrs of call/intimation of plant incharge/ officer.
11. Any other work related to processing machine maintenance & operation as per need of Institute

TENDER FORM

To

A.A.O.

Seed Production Unit

ICAR-Indian Agricultural Research Institute

New Delhi 110012

FROM

Sub: Tender No. _____ for supply of _____

Sir/Madam,

- I. I/We _____ have read the tender documents as issued by ICAR-Indian Agricultural Research Institute, New Delhi 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 270 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/ Machine within a period of 90 days from the date of placing of order.
- V. Draft No. _____ dated _____ for Rs. _____ (Rupees _____) drawn in the Name of Director, IARI., New Delhi towards payment of the earnest money, enclosed.

OR

- a) We are Small Scale industry under MSME registered with District Industries Center (Govt. Of India) for item _____ under single point registration scheme after _____ (photocopy of the Registration Certificate is enclosed). Our Registration No. is _____
- 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, provided that such a withdrawal is made within 270 days from the opening date of tender.
 - (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. Valid on _____

- VIII. I/we have read the arbitration clause of tender document, relating to instructions to tenderers and general conditions of the contract and I/we hereby agree that any dispute of whatsoever nature that may arise in connection with this tender shall be decided under these agreement clauses.
- IX. This tender is being submitted at New Delhi and will be opened and decided at New Delhi and it is agreed that Civil Courts at Delhi/New Delhi alone will have jurisdiction to deal with any legal proceeding that may arise in connection with this tender or subsequently.
- X. Company profile as per prescribed Performa given in Chapter-IV of the tender document is kept in a separate cover marked '**Technical & Commercial Bid**'. Rates are quoted in the prescribed format given in Chapter-V of the tender document and are kept in the separate cover marked '**Price Bid**.'
- XI. 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 by ICAR-IARI's Officers or any third party deputed by ICAR-IARI.
- XII. I/We have read and understand the specification for the items and the terms and conditions contained in the tender document and agree to which by the same and against which the bids are submitted in the separate cover marked '**Technical & Commercial**' Bid and '**Price Bid**.'
- XIII. I /We offer the rate for supply, installation&commissioning of a Complete Seed Processing Line detailed as under :-

Location	Item	Capacity	Qty. as per tender	Offered quantity
SPU, ICAR-IARI, New Delhi	Complete Seed Processing Line with 5 years AMC	4TPH	One	One
ICAR-IARI, Regional Station, Karnal	Complete Seed Processing Line with 5 years AMC	4TPH	One	One

Signature: -----

Stamp of the company:

Place: -

Name Of Authorized Signatory:-- -----

Date:-.

E-mail Id: -----

-

Phone No : -----

Mb. No. :- -----

Complete Postal Address:-----

TECHNICAL BIDS

To

FROM

A.A.O.

Seed Production Unit

ICAR-Indian Agricultural Research Institute

New Delhi 110012

Sir/ Madam,

Profile of our Company is as under:

A. Work Performance :-

- a) Should have supplied at least 5 nos. (4 TPH or higher capacity) similar Seeds Processing Plant machinery (complete line) to Govt./ private organizations in last 3 years along with satisfactory performance report:-

Year	Name & Address, 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.	Enclosed the supply order & certificate of satisfactory completion from purchaser
1	2	3	4	5	6	7	8	9

- b) List of machinery of processing plant machineries manufacturing, supply, installation & commission during last 10 years :-

Year	Name & address	List of past supply during 10 years should be submitted in support
1	2	3

- c) Production capacity:-

1. Production capacity of at least 03 times the tendered quantity of processing plant machinery

Name of machine	Minimum Qty. of Production per annually (nos.)	Enclosed self declaration certificate

1	2	3
4 TPH or higher Seed Processing Plant (complete line)	6	

2. Availability of infrastructure.-

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

3. Availability of Equipment.- Detailed of CNC facilities for metal works such as bending, shearing etc. and other machinery & equipments:-

Detailed of the machine/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

4. Availability of technical manpower for manufacturing / installation:-

Type of Employee	No.	Qualification	Experience
1	2	3	4

5. 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

6. In house facility for dynamic balancing of fan/ blowers:-

Whether the in house facility for dynamic balancing of fans/ blowers (Yes/ No), details to be uploaded	
--	--

d) List of manpower to take up AMC for next five year:-

Name of Employee	Qualification	Experience
1	2	3

e) Should be provide the CAD drawing & layout of the tender item seed processing plant machinery (complete line):-

CAD drawing of Seed Processing plant	Copies upload

f) Warranty of Seed processing plant machinery (complete line) & Accessories:-

Minimum warranty period required	Offered warranty period
12 months	

g) Compliance specification report;- should upload the technical specification compliance report duly signed & supported with technical details, reason for deviation if any ANNEXURE- A-3

Technical Specification compliance report	

B. Financial :-

a) Financial statement:- Annual turnover in last three year

Financial year	Annual turnover (Rs. In Crore)	Annual profit/ loss (Rs. In crore)	Remark if any
1	2	3	4

--	--	--	--

b) Evidence of Access of finance:-

Amount	Period	Declaration on bank letter head
1	2	3

c) MSME registration with NSIC certificate with proper validity along with udhyogadhar registration number:-

Registration No.	Category of Firm General/SC/ST	Validity Period	Registered Item/Items	Quantitative Capacity	Monetary Limit
1	2	3	4	5	6

d) MSME claiming for turnover & EMD relaxation shall submit the request letter in technical bid:-

Whether you want any relaxation in turnover & EMD through MSME (Yes/No)	Enclosed request letter and supporting documents NSIC certificate (s) & udyog adhar
1	2

e) Income tax Details:-

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

C. Commercial

a) EMD :

Banker Name	Draft No. / Date		Amount	
	EMD	Tender free	EMD	Tender free

b) Details of firm/ company:-

Name of the company/ firm	Address of the company	Contract no. & e-mail address	Type of firm (Pvt. Ltd./ proprietor/ partnership)	Registration no. of the firm	Name & contact no. of proprietor/ partners/ Director etc.
1	2	3	4	5	6

c) GST registration no.:-

GST No	Copy enclosed

d) Particular of Banker:

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

- e) Bidder may be a company registered under the Companies Act, 1956, or a Partnership Firm registered under Partnership Act, 1932 or a Proprietorship Firm or co-operative firm registered under Co-operative Act.
- f) An affidavit on Rs 100 non judicial stamp paper that the bidder should submit declaration that bidder is not blacklisted by Govt. agency or institute s per perform attached in ANNEXURE A-1.
- g) 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 the storesof Identical description to any Govt. Department /Institution /Public Enterprises/Undertaking during the period of contract as per Performa attached in ANNEXURE A-2.
- h) If representative participating, letter of authorization to participate in the tender opening/negotiation of rate
- i) Person Authorized for Signing the Bid with Valid Letter on Firm/Company letter Head (up load).
- j) Each and every concerned pages of tender document should be signed with stamp of authorized signatory of tenderer.
- k) Additional items: - bidder / OEM of bidder should be provided the one set of tool kit/ literature of the respective machines/ manual/ parts catalog.

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 ICAR-IARI 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: -1. 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".

Affidavit Certificate

Annexure-A-1

I /We _____ (Name, Designation and Address) hereby declaring that my/our firm/Company has been neither black-listed nor debarred from participation in tender by any of the Govt. Department/ Organization /PSUs /Institution etc , where I /We had supplied the goods during the last _____ years as well as no arbitration case pending .

Signature of Authorized signatory -----

Name _____

Designation _____

Name of the Firm/Company _____

Full address _____

stamp _____

Place: _____

Dated: _____

Affidavit Certificate

Annexure-A-2

I /We _____ (Name, Designation and Address) hereby 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 . In the event during currency of the contract or thereafter it is discovered that lower prices have been offered to any other organization, the supplier shall have to refund forthwith the excess amount charged from ICAR-IARI.

Signature of Authorized Signatory -----

Name _____

Designation _____

Name of the Firm/Company _____

Full address _____

Stamp _____

Place: _____

Dated: _____

CERTIFICATE FOR FOREIGN BIDDER

(Wherever applicable)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that this bidder is not from such a country and is eligible to be considered

Signature of Authorized Signatory -----

Name _____

Designation _____

Name of the Firm/Company _____

Full address _____

Stamp _____

Place: _____

Dated: _____

Technical Specification Compliance Report

Annexure-A-4

S.No.	Description of the machine	Source/ Manufacturer	Quality Certificate if available	Specification compliance statement	Bidder to indicate relevant Page No. of their Bid to support the compliance. Deviation if any supported with full justification
	2	3	4	5	6
1.	Dump Hopper				
2.	Vertical Bucket elevator to feed Pre-Cleaner				
3.	Holding Bin/Surge Bin for Pre-Cleaner				
4.	Air Screen Seed Cleaner				
5.	V B Elevator to feed seed grader				
6.	Holding Bin/Surge Bin for Seed Grader				
7.	Air Screen Grader				
8.	V B Elevator with 3 way control				
9.	Holding Bin/Surge Bin for indented Cylinder separator				
10.	Indented Cylinder separator				
11.	V B Elevator to feed Specific gravity separator				
12.	Holding Bin/Surge Bin for Specific gravity separator				
13.	V B Elevator to handle middling of specific gravity separator				
14.	Seed Specific Gravity separator				
15.	V B Elevator with 2 way control				
16.	Holding Bin/Surge Bin for seed treater				
17.	Seed treater (Mist-o-Matic type) with powder attachment				
18.	Automatic weighing and baggage system				
19.	Mobile Compressor				
20.	Moisture Meter				
21.	Weighing Scale electronic				
22.	Hand held bag closing machine				
23.	Manual Cart A) Two Wheel Type B) Four Wheel Type				
24.	Centralized Dust collecting system				
25.	Common Raised Platform				
26.	Electronic Control Panel				
	A. Plant Power Control				
	B . Machine Control				

Signature of Tenderer with Seal

Check-List

Annexure-A-5

Before submission of tender documents, tenderers should check they have complied with the following requirements:-

Sl. No.	Requirements to be checked before submission of the tender	Compiled (Please indicate) <u>Yes</u> after complying with the requirement)
1.	Cost of Tender has been enclosed with tender document ,if downloaded from website. If not, then supporting documents proving exemption to this enclosed.	
2.	Earnest money Deposit(EMD) has been enclosed.	
3.	Certificate as per the format attached with this tender.	
4.	Copy of trade registration certificate from the RBI/ Ministry or department concerned in the case of foreign subsidiary firm	
5.	Enclose sales tax registration certificate and PAN No./GST No.	
6.	Complete tender documents have been enclosed, after signature & stamping on ALL pages.	
7.	Signatures of witness with full name and address have been added where ever required on tender document.	
8.	Proposal has been submitted in two bid system –Technical Bid & separate price Bid as per tender enquiry.	
9.	Offer validity as required in tender has been accepted & clearly mentioned in tender document.	
10.	Delivery Terms & Period as per tender have been accepted and mentioned in tender.	
11.	Payment Terms as per tender have been accepted and mentioned in tender.	
12.	Compliance statement as per tender has been enclosed along with supporting technical documents /proof of each point/ parameter clearly showing it is complied with or not.	
13.	Performance statement for 3 years as required in tender has been enclosed. If not, reasons be specifically given in writing.	
14.	Warranty terms as per tender accepted.	
15.	Compliance of all conditions mentioned in the tender form has been enclosed.	
16.	Status of tenderer has been clearly written in tender –manufacturer or manufactures authorized agent. If authorized agent, valid latest agreement authority letter/ agreement for the stores quoted from the manufacturer has been enclosed.	
17.	Free Training on use of equipment after supply, as specified tender , has been accepted in writing.	
18.	Firm/agency must enclose a certificate indicating that there is no criminal legal suit pending or contemplated against it	
19.	The tenderer has clearly mentioned in writing that business dealings with their firms have not been banned/debarred by any Govt./Private agency.	
20.	If the tenderer wants to mention any specific condition, it must be mentioned on the covering/forwarding letter only which will be placed on the first page of the technical bid. Such condition mentioned in any other document shall not be given any consideration.	
21.	Firm has no circumstances exceeded lowest price of identical goods given to any other Department during current year	
22.	Compliance of clause regarding restrictions on procurement from a bidder of a country which shares a land border with India (As point 9c Chapter-I)	

Signature of Tenderer with seal

Price Bid Form (to be quoted in BoQ)

(Compulsory to be filled up with details by the bidder & sealed in separate cover)

To

A.A.O.

Seed Production Unit

ICAR-Indian Agricultural Research Institute

New Delhi 110012

FROM

Sir/ Madam,

We have examined the prescribed specifications and read the terms & conditions of Tender No _____ for the work namely _____ for unit (Nos) _____ respectively, our rates for the aforesaid units according to the specification, terms & conditions are as under:

1) Price Bid for 4 TPH Complete Seed Processing Line at SPU, ICAR-IARI, New Delhi as per machinery and their specification mentioned in Chapter –III

	Description of the machine	Quantity	Basic rate in figure	Packing Forwarding & Transite Insurance charges and Transportation Charges	Installation & Commissioning & Training charges	Any Other Taxes	GST amount in INR	Any other Duties/ Levies	Total amount without Taxes	Total amount with Taxes
1	2	3	4	5	6	7	8	9	10	11
1	4 TPH Complete Seed Processing Line									
1.01	Dump Hopper	1								
1.02	Vertical Bucket elevator to feed Pre-Cleaner	1								
1.03	Holding Bin/Surge Bin for Pre-Cleaner	1								
1.04	Air Screen Seed Cleaner	1								
1.05	V B Elevator to feed seed grader	1								
1.06	Holding Bin/Surge Bin for Seed Grader	1								
1.07	Air Screen Grader	1								
1.08	V B Elevator with 3 way control	1								
1.09	Holding Bin/Surge Bin for indented Cylinder separator	1								
1.10	Indented Cylinder separator	1								
1.11	V B Elevator to feed Specific gravity	1								

	separator									
1.12	Holding Bin/Surge Bin for Specific gravity separator	1								
1.13	V B Elevator to handle middling of specific gravity separator	1								
1.14	Seed Specific Gravity seperator	1								
1.15	V B Elevator with 2 way control	1								
1.16	Holding Bin/Surge Bin for seed treater	1								
1.17	Seed treator (Mist-o-Matic type) with powder attachment	1								
1.18	Automatic weighing and baggage system	1								
1.19	Mobile Compressor	1								
1.20	Moisture Meter	1								
1.21	Weighing Scale electronic	1								
1.22	Hand held bag closing machine	1								
1.23	Manual Cart - Two Wheel Type	4								
124	Manual Cart - Four Wheal Type	4								
125	Centralized Dust collecting system	1								
1.26	Common Raised Platform	1								
1.27	Additional screen for Seed Pre-Cleaner machine - Top Screen	10								
1.28	Additional screen for Seed Pre-Cleaner machine – Middle Screen	10								
1.29	Additional screen for Seed Pre-Cleaner machine – Bottom Screen	10								
1.30	Additional screen for Seed Grader machine - Top Screen	10								
1.31	Additional screen for Seed Grader machine - Middle Screen	10								
1.32	Additional screen for Seed Grader machine – Bottom Screen	10								
1.33	Electric Control Panel With Mimic Diagram	1								
1.34	Annual maintenance of processing plant machinery as per the scope of the work complete in all respect for 1 year	1								
1.35	Additional visit apart from schedule of scope of work i.e. on call	1								
	GRAND TOTAL									
	G. Total Amount(In Figures)			Complete Job	--	--				
	G. Total Amount (In Words)			Complete Job	--	--				

Price Bid Form (to be quoted in BoQ)

(Compulsory to be filled up with details by the bidder & sealed in separate cover)

To

A.A.O.

Seed Production Unit

ICAR-Indian Agricultural Research Institute

New Delhi 110012

FROM

Sir/ Madam,

We have examined the prescribed specifications and read the terms & conditions of Tender No _____ for the work namely _____ for unit (Nos) _____ respectively, our rates for the aforesaid units according to the specification, terms & conditions are as under:

1.Price Bid for 4 TPH Complete Seed Processing Line at **ICAR-IARI Regional Station Karnal** as per machinery and their specification mentioned in Chapter –III

	Description of the machine	Quantity	Basic rate in figure	Packing , Forwarding & Transite Insurance charges and Transportation Charges	Installation & Commissioning and Training charges	Any Other Taxes	GST amount in INR	Any other Duties/ Levies	Total amount without Taxes	Total amount with Taxes
1	2	3	4	5	6	7	8	9	10	11
1	4 TPH Complete Seed Processing Line									
1.01	Dump Hopper	1								
1.02	Vertical Bucket elevator to feed Pre-Cleaner	1								
1.03	Holding Bin/Surge Bin for Pre-Cleaner	1								
1.04	Air Screen Seed Cleaner	1								
1.05	V B Elevator to feed seed grader	1								
1.06	Holding Bin/Surge Bin for Seed Grader	1								
1.07	Air Screen Grader	1								
1.08	V B Elevator with 3 way control	1								
1.09	Holding Bin/Surge Bin for indented Cylinder separator	1								
1.10	Indented Cylinder separator	1								
1.11	V B Elevator to feed Specific gravity separator	1								

1.12	Holding Bin/Surge Bin for Specific gravity separator	1								
1.13	V B Elevator to handle middling of specific gravity separator	1								
1.14	Seed Specific Gravity separator	1								
1.15	V B Elevator with 2 way control	1								
1.16	Holding Bin/Surge Bin for seed treater	1								
1.17	Seed treator (Mist-o-Matic type) with powder attachment	1								
1.18	Automatic weighing and baggage system	1								
1.19	Mobile Compressor	1								
1.20	Moisture Meter	1								
1.21	Weighing Scale electronic	1								
1.22	Hand held bag closing machine	1								
1.23	Manual Cart - Two Wheel Type	4								
1.24	Manual Cart - Four Wheel Type	4								
1.25	Centralized Dust collecting system	1								
1.26	Common Raised Platform	1								
1.27	Additional screen for Seed Pre-Cleaner machine - Top Screen	10								
1.28	Additional screen for Seed Pre-Cleaner machine - Middle Screen	10								
1.29	Additional screen for Seed Pre-Cleaner machine - Bottom Screen	10								
1.30	Additional screen for Seed Grader machine - Top Screen	10								
1.31	Additional screen for Seed Grader machine - Middle Screen	10								
1.32	Additional screen for Seed Grader machine - Bottom Screen	10								
1.33	Electric Control Panel With Mimic Diagram	1								
1.34	Annual maintenance of processing plant machinery as per the scope of the work complete in all respect for 1 year	1								
1.35	Additional visit apart from schedule of scope of work i.e. on call	1								
	GRAND TOTAL									
	G. Total Amount(In Figures)				Complete Job	--	--			
	G. Total Amount (In Words)				Complete Job	--	--			

Place: -

Date:-.

Signature: -----

Name of Authorized Signatory: -----

Complete postal Address:-----

Phone No.: -----

Mobile. No. :- -----

E-mail Address: - -----

Seal : -