

NATIONAL SEEDS CORPORATION LIMITED

(A Government of India Undertaking)

**BeejBhawan, Pusa Complex,
New Delhi-110012.**



COMPETITIVE BIDDING NO.

TENDER DOCUMENT

FOR

**SUPPLY, INSTALLATION & COMMISSIONING OF FODDER BLOCK
MAKING UNIT AT FARMS**

**NATIONAL SEEDS CORPORATION LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
BEEJ BHAVAN, PUSA COMPLEX,
NEW DELHI-110012**

TENDER DOCUMENT

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**NATIONAL SEEDS CORPORATION LIMITED
(A GOVT.OF INDIA UNDERTAKING)
BEEJ BHAVAN: PUSA COMPLEX
NEW DELHI-110012**

No.NSC/HQ/ENNG/2014-15/004

Dated: _____

NOTICE INVITING TENDER:

FOR

SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 2 TPH AND 1 TPH (TONNES PER HOUR) DESNSIFIED FODDER BLOCK MAKING UNIT

National Seeds Corporation Ltd. invites sealed Tenders from reputed manufacturers/suppliers for SUPPLY, INSTALLATION & COMMISSIONING OF FODDER BLOCK MAKING UNIT

1. Tender documents can be obtained from the office of Sr.General Manager (Engg) National Seeds Corporation Ltd., BeejBhawan, Pusa Complex, New Delhi-110012 on payment of Rs.2000/- (non-refundable) through demand draft in favor of the National Seeds Corporation Ltd. payable at New Delhi between 11:00 hrs. to 16:30 hrs. on all working days. Sale of tender document from Office will commence w.e.f. _____ and will be stopped on _____ at 12.00 hrs.

OR

The tender document is also available in NSC's web site www.indiaseeds.com and Central Procurement Portal www.eprocure.gov.in. The Tenderer, downloading the Tender Document from web site, shall be required to deposit the cost of tender by DD and submit its proof. The demand draft may be submitted along with technical bid.

2. The **Pre-Bid** meeting will be held on _____ at _____ for clarifying the issues about the tender, if any. The decision/amendment in the pre-bid meeting will be posted at the website of the Corporation only for the information of the bidders. Complete tender along with the requisite amount of **EMD Rs.6.00 lacs** shall be received in the office of National Seeds Corporation Ltd., Beej Bhawan, Pusa Complex, New Delhi upto 13.00 hrs on-_____. The technical part of bids shall be opened on the same day at 15.00 hrs.in the presence of desirous tenderer(s). The Price bids of the commercially & technically qualified bidders shall be opened subsequently for which date and time shall be intimated separately.
3. Tenderers should submit both Technical bid and Price bid strictly as per instructions to tenderers given in Part-A of the tender documents.
4. Tender not accompanied with requisite amount of EMD and not submitted as per instructions contained in the tender document are liable for rejection.
5. Micro Small Enterprises (MSEs) registered with NSIC for the quoted item under single point registration scheme are exempted from payment of cost of tender document and EMD as well as entitle to avail the benefit of Public Procurement Policy for Micro and Small Enterprises (MSEs) 2012, according to the policy approved in the NSC subject to furnishing documentary proof in support of their claim along with their request.
6. The Bidders have to sign '**Integrity Pact**' with NSC.
7. NSC reserves the right to accept or reject any one or all tenders without assigning any reason.

Sr.General Manager (Engg.)

PART-A

NATIONAL SEEDS CORPORATION LTD.

SECTION - I

INSTRUCTIONS TO TENDERER

1. **ADVICE FOR TENDERS:** -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 supply, installation & commissioning of Fodder Block Making Unit as per specification and should furnish all valid required documents as per **section III ANNEXURE-A, of part -A**
3. **SUBMISSION OF OFFER:** - Offer must be submitted in the prescribed tender form provided in part "A" of the tender document at Section-III. 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:** -The specification given hereunder is only indicated and not descriptive and supplier shall ensure that the whole system supplied is complete in all respects for the smooth operation of the plant and should be suitable for the rated output.

The equipment supplied shall be as per the list of approved makes as mentioned in the Technical data. The bidders shall indicate the brands of major bought out items like bearings, plumber blocks, chains, sprockets, gearboxes, motors, instruments and electrical items etc. The drawings shall be submitted along with the offer.

All items shall have top quality finish and the bidders shall ensure that the system has dust free operation. Aspiration systems to be provided as per need.

The tenderers are required to provide their tender with complete specifications for all materials to be supplied to compare tenders and assess the performance of the material. Salient features of the system with additional accessories fitment etc. may be clearly specified with detailed list of tools etc.

5. **DELIVERY OF GOODS:-**The delivery period so specified in **clause no.5 of section -II 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-15 of section-II PART- A relating to liquidated damages which shall be binding.
6. The tenderers should give in writing the name of their authorized agency who shall represent them along with a proof of his identity and his signatures duly verified by the Bankers of the tenders.
7. **PRINTING LANGUAGE:-**The tenderers should enclose with their offers descriptive catalogues, leaflets, manuals supplementing the description. Also point out any special features/advantages of their machine quoted. All the literatures, leaflets 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 too, strictly to enable objective evaluation of offers.
8. **TEST REPORT & LIST OF USERS:-**Tenderers should also enclose with their offers the test report if any from any recognized agency with respect to their quoted item. Tenderers should clearly indicate their experience of manufacturing and assembling of the items quoted by them. Test report of materials from Govt. testing Centre will be preferred in consideration of technical bid. List of users of the quoted model and its details as required in **PART A Section III Annexure A FORM FOR TECHNICAL BID clause 2.**
9. **ACCESSORIES & FITTINGS:-**

The tenderer should indicate the followings separately in summary form:

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

10. SPARE PARTS: -The supply of spare parts of machine will always be made directly by the manufacturers/ authorized agent of respective make of system to different farms of Corporation at least for a period of 5 years initially subject to revision to ensure originality of spare parts and their timely availability to the users.

11. QUOTATION OF PRICES: -

- a) .Tenders shall quote per unit net price (quote) which should be firm and final nearly written in figures and words duly eligible. No overwriting is permissible. In case the price written in figures and words vary with each other the lesser price of the two shall be the price considered as the firm as final quoted price for the tender. The per unit net price should be for complete work to include material, Civil works, Installation commissioning and AMC for 5 years.
- b) However, for comparative analysis the tenderer shall give details of items-wise prices and job wise prices as indicated in (Section III, Annexure-B part-A).
- c) The rate should be inclusive of Packing, Forwarding, Loading, Transportation taxes etc. Unloading charges at point of delivery of NSC shall be Borne by NSC.
- d) The rate should be inclusive of all duties of taxes (Any & all) (Excise, Spl Excise etc.) (Vat, Turnover Tax Service Tax etc.) Octroi, Roadcess/Toll Tax/Charges etc.
- e) The Corporation reserves the right to change the delivery destination, if so necessary before the destined delivery commences. However, the tenderer shall be paid the difference in cost of transportation if the distance increases and similarly recovered in case the distance reduces. The payment and recovery shall be calculated on proportionate basis factoring the cost of transport element in the quote and actual kms. Increased or decreased.
- f) The Duties and Taxes being Levied and collected through the quote should be as made applicable by the Statutory Authorities of the Govt either Central or State. The same should be clearly specified.
- g) Price Escalation/Reduction: The tenderer shall not be eligible to claim any price Escalation due to change in prices of raw materials labour cost, transportation costs or any and all other factors except the Duties and Taxes statutorily being declared by the Central and State Government. The tenderers should therefore necessarily ensure to specify the Duties and Taxes being charged to the Quote as required in (f) above. Difference in Duties of Taxes changed to the quote and as applicable at the time delivery shall only be considered for paying escalation or recovering reduction thereof.

12. Preference will be given to the manufacturers of the items and having the past experience in the similar projects.

13. Bidder will be responsible to educate the farm staff and for efficient/effective operations of the systems at least for one year.

14. PRINTED TERMS & CONDITIONS OF TENDERING FIRM: - Printed terms and conditions of the tender 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.

15. EARNEST MONEY:EMD Rs.6.00 lacs for supply & installation of Fodder Block Making Unit as per detail specification.

- a) By means of attaching a **Demand Draft drawn on scheduled Commercial Bank** payable at New Delhi/Delhi in favor of NSC Ltd., **CHEQUE WILL NOT BE ACCEPTED.**

EMD shall be placed in the envelope **super scribed technical bids:**

- b) **Exemption of earnest money deposit for Indian Manufacturers which are registered with NSIC under Single point registration scheme:** Indian manufacturers/suppliers who are Micro Small Medium Enterprises(MSME) small scale units and registered with National Small Industries Corporation under single point registration scheme are exempted from payment of earnest money deposit provided to furnish photocopy of valid registration with NSIC under the single point registration scheme, for the quoted stores in support of claim along with their request letter. This facility will, however, not be provided to those small

scale units who are registered under the old registration scheme which was extended up to 30th June, 1981 only.

OFFERS OF THE FIRMS OTHER THAN (MSME) SMALL SCALE INDUSTRIES AS DEFINED ON 'b' AS ABOVE NOT ACCOMPANIED BY EMD WILL BE SUMMARILY REJECTED. OFFERS OF THE (MSME) SMALL SCALE INDUSTRIES NOT REGISTERED WITH NSIC FOR THE QUOTED ITEM UNDER SINGLE POINT REGISTRATION SCHEME AFTER 30TH JUNE 1981 AND NOT ENCLOSING THE VALID DOCUMENTARY PROOF IN SUPPORT OF THEIR CLAIM WITH THEIR REQUEST LETTER SHALL ALSO BE REJECTED.

NO ADJUSTMENT OF EMD FROM THE DUES, IF ANY, AVAILABLE WITH THE CORPORATION, AGAINST THE SUPPLIES MADE BY THE SUPPLIER IN THE PAST SHALL BE ALLOWED. TENDERS WITH SUCH REQUEST AND NOT ACCOMPANIED WITH REQUISITE AMOUNT OF EMD FREE FROM ANY ADJUSTMENT SHALL BE SUMMARILY REJECTED.

The public Sector Undertakings are also exempted for the deposit of EMD, subject to their submission of a Bond from LIC on the basis of which banks will issue Counter guarantee.

Any Tender not secured in accordance with **paras 15.a & 15.b above will be rejected by the purchaser as non-responsive.**

16. FORMAT AND SIGNING OF TENDER: -

- a) Tenderers are required to submit their tender as per the prescribed Proforma 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 authorization shall be indicated by written power of attorney accompanying the Tender.
- b) All pages of the Tender except for unamended printed literature shall be initialed by the person or persons signing the Tender with stamp.
- c) 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.

17. PROCEDURE FOR SUBMISSION OF TENDER: -

(i) 'Technical Bid Envelope:

The Instructions to Tenderer (Section-I of Part-A), General Terms and conditions of the Contract (Section-II of Part-A) duly signed on each page, Technical Bid Form (Annexure-A of Section-III part A), Affidavit Certificate (Annexure-A-2 of Section III part A), Detailed specification of Material Bill (Section-I of Part-B) for the items for which 'Quotes' are being submitted duly signed, EMD, DD/RTGS receipt and Check List duly ticked for enclosures along with it should be enclosed in the 'Technical Bid' envelope. The envelope shall be closed and sealed and superscribed.

(ii) "Price Bid Envelope"

The format for Price Bid (Annexure B1, B2, B3 and B4 of Section III Part-A shall be duly filled for the respective Quotes or all Quotes as may be decided to be bid by the tenders shall be enclosed in the 'Price Bid' envelope. The envelope shall be closed and sealed and superscribed 'Price bid Submission'.

Noted below:

The tender offers of the Tenders whose Envelope are specified above are not closed and sealed and are received in open condition shall be outrightly rejected.

(IV) **'Outer Envelope'**

The closed and sealed 'Technical Bid' envelope and 'Price Bid' envelope shall be inserted in a bigger outer envelope along with tender Submission Form (Section III of Part A) and this outer envelope shall them also be closed and sealed and supercribed. Tender for "Supply of Fodder Block Making Unit". This outer envelope shall be addressed to Sr.GM (Engg.), NSC Ltd., Beej Bhavan, Pusa Complex, New Delhi-110 012. It shall identify itself by clearly displaying the Name, Address and Mobile No of the tenderer.

18. **MODIFICATION AND WITHDRAWAL OF TENDER:** -The tenderer may modify or withdraw its tender after the tender's submission, provided that written notice of the modification or withdrawal is received by the purchaser prior to the deadline prescribed for submission of tenders.
19. **DEADLINE FOR SUBMISSION OF TENDERS:**-Tender must be received by the purchaser/Corporation at address specified under Clause 17 above, no later than time and date specified in the invitation for tender. In the event of the specified date for the submission of bids being declared a holiday for the purchaser, the Tender will be received upto the appointed time on the next working day.
20. **LATE TENDER:** -Any Tender Received by the purchaser/Corporation after deadline for submission of tender prescribed by the purchaser, pursuant to NIT/Tender Document/any amendment will be rejected and/or returned unopened to the Tenderer.
21. **OPENING OF TENDER:** - The purchaser/Corporation will open tenders, in the presence of Tenders or tenders' representatives who choose to attend at specified time & date in the NSC registered office, New Delhi. The envelope containing the "Technical bids" shall be opened on the date of opening tender and "Price Bids" of tender only be opened based upon an examination of the documentary evidence submitted in technical bid for the Tenderer's qualification by the tenderer, as well as such other information as the purchaser/Corporation deems necessary and appropriate, found in order, date of opening of Price bid will be informed separately.
22. **CLARIFICATION OF BIDS:** - To assist in the examination, evaluation and comparisons of tenders, the purchaser may at its 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.
23. **FORFEITURE OF THE EARNEST MONEY:** - Earnest Money may be forfeited.
 - (a) If a tenderer withdraws its tender during the period of Tender validity specified by the Tenderer on the Tender Form after opening tender.

OR

 - (b) In case of a successful Tenderer, if tenderer fails:
 - i. To sign the contract in accordance with clause no. 32 (a)
 - ii. To furnish security deposit in accordance with clause no. 32 (b)
24. **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 19 relating to "settlement of disputes" included in Section-II of Part 'A' of tender document i.e. General terms and conditions of the contract.
25. **VALIDITY OF OFFER:** - The tenderer shall keep their offers open for acceptance for a **period of 120 days** from the date of opening of the tender. In case the last date happens to be 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.
26. **Foreign Company:** - The Indian agents bidding on behalf of any Foreign Company should be registered with DGS&D and the proof of registration should be furnished with offer. The offer will not be accepted if proof is not furnished. One agent cannot represent two different suppliers or quote on their behalf in the tender.

- 27. AWARD CRITERIA:** -Subject to Clause NO. 28, 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.
- 28. 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 or any item of the tender from the tender, 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.
- 29. 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 tenderer) only.
- 30. 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.
- 31. REPEAT ORDER:** - The validity of the tender shall be extended to a period of six months from the date of placing initial order and it shall be opened to the Purchaser/Corporation to place repeat order with the supplier on the same rates and same terms and conditions.

32. CONTRACTS:-

- a) **SIGNING OF CONTRACT :-**The successful tenderers within 15 days from date of issue the Purchase Order, shall sign and date agreement on Rs.100/- stamp paper as per the format given in Section -V of part "A" of the tender document, wherever the value of terms ordered is more than Rs. one lakh and furnish it to the purchaser. The terms and conditions contained in Section-II of Part 'A' of 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 15 days from date of issue of supply order shall furnish the **Composite Bank Guarantee** in accordance with the condition of the contract. The guarantee can be furnished @10 % of the value of the supply order in shape of cash (Demand Draft) or in form of Composite Bank Guarantee. Prescribed Performa for Composite Bank Guarantee is given in Section IV of Tender Document. Such deposit shall be for the due **performance of the supply order, contract & performance of the equipments after commissioning.**

Failure of the successful tenderer to comply with the requirement of clause 32 (a) &32 (b) 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.

33. 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 if deposited by means of a Bank Draft 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/crossed cheque drawn on a scheduled bank payable in New Delhi and the Corporation will not be responsible for reimbursing to the tenderers the Bank's commission for encashing the same.

(B) SUCCESSFUL TENDERERS:- (i)The successful tenderers shall sign agreement as per the format given in Section -V of part "A" of the tender document and shall deposit the security money I

within 15 days from the date of issue of purchase order, deposit by demand draft or furnish Composite bank Guarantee in the manner indicated in clause – 4 of section- II Part -A .

(ii)After the successful tenderer has completed formalities as stated above, the earnest money deposit will be refundable to him/ them. No interest shall be allowed on earnest money.

34. PRE-CONTRACT INTEGRITY PACT:- Successful Tenderers whose supply /work order of value of Rs. more than one crore then they have to execute PRE-CONTRACT INTEGRITY PACT in the prescribed Performa given in Section VI part "A" of the Tender Document.

-----Note:(Duly signed with stamp on each & every page of Section- I i.e. "Instruction to Tenderer" to be placed in the envelopes marked "Technical & Commercial Bid").

NATIONAL SEEDS CORPORATION LTD.

SECTION – II

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:** -The supplier shall within 15 days from the date of issue of purchase order execute the agreement on non-judicial stamp paper of Rs.100/- as per prescribed Performa, in the tender document, with the Corporation.
4. **Composite Bank Guarantee Bond:** -Successful bidders are required to deposit security money in the form of Demand Draft on any scheduled commercial Bank Payable at New Delhi/ Delhi in favour of National Seeds Corporation Ltd. or furnish composite bank guarantee bond for execution of order, performance of the system during the warranty period. The guarantee bond shall be to the tune of 10% value of the contract and shall be furnished as per Performa attached at Section-IV Part 'A' of the tender document. The composite bank Guarantee Bond should be valid upto 20 months. It should be issued by any nationalized bank of any Branch. The authorized signatory of the firm should furnish the affidavit stating that the composite Bank Guarantee has been taken from the concerned branch of the Bank for the purpose enumerated therein.

The composite Bank Guarantee will be discharged by the Purchaser/Corporation and returned to the supplier not later than 20 months following the date of completion of the supplier's performance obligation, including any warranty obligations, under the contract.
5. **Delivery:** - The supplier shall undertake to complete the supply, installation and commissioning of equipments at sites within _____ days from the date of issue of supply order provided vacant space by the farm for execution of the job is provided or otherwise specified. 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. The date of receipt of goods as specified in the prescribed receipt i.e. G R note issued and the certificate of installation and commissioning issued by the consignee shall be final for the purpose of calculating delivery period.
6. **Place of Delivery:** - Place of delivery shall be as per. "Destination of supply of equipments" of the Tender Document.
7. **Pre -Delivery Inspection:** - The Corporation at its discretion may depute their representative for the inspection of the material at the works of the firm or same can be inspected at site. However, the supplier shall give at least 10 days to the Purchaser/Corporation to inspect the machine/equipment to confirm their conformity to the contract. For the purpose of the inspection, the supplier or its subcontractor(S) should provide reasonable facilities and assistance –including access to drawing, tools, tackles, production data, labour etc to the inspection team at no charge to the purchaser/corporation. The expenditure incurred by NSC's nominee such as TA & DA shall be borne by the Purchaser/Corporation.

In case the suppliers give a notice and fail to offer the machine/equipment for inspection up to the dates fixed for this purpose, the expenditure incurred on TA/DA of the Corporation's nominee shall have to be borne by the supplier and such failure will not entitle the supplier to ask for any extension for delivery period.

During Inspection, machine/equipment found fail to conform to the specification, the purchaser/ Corporation may reject them and supplier shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the purchaser/Corporation. The date of receipt after removal of defects will be construed as date of receipt for the purchase of calculating delivery period for the purpose of clause 5 of section II of Part "A" .

8. 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.

9. Right to Terminate or Alter the Contract: - If at any time during the terms of this contract the plan of the Corporation/purchaser changes for any reason beyond the control of the Corporation/ purchaser, the Corporation shall have the right to terminate or alter this contract by sending a notice of such intention to the supplier by hand through a responsible officer. The supplier shall allow such officer to prepare an inventory of such material as is complete and ready for dispatch. Such officer shall also prepare an inventory of the raw materials which the supplier has already arranged for using in manufacturing the items to be supplied. The Corporation/ purchaser shall accept delivery of the material that are complete and ready for dispatch and may award compensation to the supplier for the raw material already procured or may in its option allow the suppliers to utilize the raw materials and make it ready for dispatch within such period as may be reasonable.

10. Marking: - The supplier shall comply with the requirements of Indian acts relating to merchandise and rules made there-under for marking of all the goods supplied. Equipment number will be written on the top of the two sides of every equipment. Identification number /mark will be informed separately along with the purchase order or later.

11. 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.

12. Insurance: -The supplier shall comply 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. as per section I i.e. Dispatch Destination of Part 'B' of the tender document. For any loss/damage etc., during transit, the supplier shall have to lodge the claim with the insurance and pursue the same till it's settlement.

13. Claim of Sale Tax: -Where sale tax is claimed and provided as payable in the supply orders. Payments of the same will not be made unless the following certificate is given along with the bill.

Certified that sales tax claimed in this bill is legally payable by Corporation / purchaser and has been paid/will be paid by us to the sales tax authorities, our sales tax registration NO. _____ Central/State _____

14. 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.

(d) The equipment shall carry 15 months warranty commencing from the date of receipt of equipment at the site or 12 months from the date of commissioning of equipment whichever is earlier. The warranty period for replaced parts will extend only to 12 months from the date of its replacement but for fast moving parts the guarantee shall be extended to the remaining period of equipment warranty.

15. Liquidated damages:-

It is emphasized by the Corporation/purchaser & understood by the supplier that the period of deliver, stipulated in the contract is the essence of the contract. It is admitted by the supplier that any delay in the delivery period will cause damages to the Corporation/purchaser. Subject to Clause 17, 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 and delivered 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.

16. 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.

17. Force majeure:-

17.1 Notwithstanding the provisions of Clauses 15 & 16, the supplier shall not be liable for forfeiture of its liquidation damages or termination for default, it and 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.

17.2 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.

17.3 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 Purchases 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.

18. Terms of payments:-

- A. All invoices shall be prepared in quadruplicate in the name of National Seeds Corpn. Ltd. (Delivery Destination) mentioned in the purchase Order and shall be signed by the supplier or his authorized agent. Every invoice shall bear a certificate that.

"The material covered by the invoices has been inspected by the supplier before delivery and conforms in every way to the contract specification and is packed in accordance with the contract requirement and further that no invoice has been prepared previously in respect of the articles charged in the particular invoice".

Invoice should have CST, State ST, VAT Nos. printed on them (If applicable), In the Tax invoice, cost and Tax, (VAT) amount shall be mentioned separately, in case sale tax claimed and bear a certificate as per clause no. 13 above. Invoice to be sent in duplicate to concerned consignees and two copies to NSC, H.O.

- B. Unless otherwise specified in the contract, 75% of the invoice value (excluding installation and commissioning charges) would be paid by NSC against proof of delivery of the material at destination i.e. G.R. Note from destination along with duly verified copy of original invoice packing list, challan and upon fulfillment of other obligation stipulated in the contract. Small Scale ancillary unit having single point registration certificate issued by MSME's registered with NSIC shall also be paid 80% of the invoice value. 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) In Annexure "B" Section III.

Balance 20% or 25% of the invoice value along with installation and commissioning charges as may be applicable shall be paid after 30 days of the successful machine commissioning and trial report received from consignee.

19. 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 Chairman-cum-Managing Director of the Corporation/purchaser and in the absence of CMD, the highest Executive Officer of the Corporation shall make such appointment. The venue of arbitration shall be at New Delhi. The court of law at the New Delhi/Delhi alone will have jurisdiction in the matter of any disputes whatsoever.

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.1.00 lakh the arbitrator shall make a speaking award as per provision of Arbitration & Reconciliation Act 1996.

In case the supplier is a Public Sector Undertaking, the above clause shall not be applicable and in that event the following clause shall apply.

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for arbitration to the sole arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Govt. of India, In charge of the Department of Public Enterprises. The arbitration & conciliation Act, 1996 shall not be applicable to the arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal and Affairs, Ministry of Law and Justice, Govt. of India. Upon such reference, the dispute shall be decided by the Law Secretary or the Special Secretary/Additional Secretary when so authorized by the Law Secretary whose decision shall bind the parties finally and conclusively. The parties to the disputes will share equally the cost of arbitration as intimated by the Arbitrator.

20. Corrupt Gifts & Payments of Commission:-

Any bribe, commission, gift or advantages given promised or offered by or on behalf of the supplier, his agents or representative or agent of the Corporation/or any person on his behalf in relation to the execution of this or any other contract with the Corporation shall in addition to the criminal liability under the Law enforce, subject the supplier to cancellation of this and other contracts with the Corporation and also to payment to any loss resulting from any such cancellation to the extent as is provided in case of cancellation under 'DEFAULT AND RISK PURCHASE' and the Corporation shall be entitled to deduct the amount so payable from any money otherwise due to the supplier under this or any other contract or may recover the same by appropriate proceedings.

It is understood and agreed by the contractor that the prices 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 other State/Central Govt. /Public Sector undertaking during the period of the contract. Affidavit should be given by the supplier on Rs100 non judicial stamp paper. Same is to be placed in the "Technical Bid "

Note:(Duly signed with stamp on each & every page of "Section II i.e. General Terms & Condition of the Contract "to be placed in the envelopes marked "Technical Bid").

NATIONAL SEEDS CORPORATION LTD.**SECTION – III****TENDER FORM****To**

The Sr. General Manager (Engg),

National Seeds Corporation Ltd.,

BeejBhawan, Pusa Complex,

New Delhi-110012**FROM**

Sub: Tender No. _____ for supply of _____

Sir,

- i) I/We _____ have read the tender documents as issued by National Seeds 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 **120 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, installation and commissioning of machine/equipment within a period of _____ **days** from the date of placing of order.
- v) Bank Draft No. _____ dated _____ for Rs. _____ (Rupees _____) drawn in the Name of National Seeds Corporation Ltd., 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 120 days from the opening date of tender.
 - (b) I/we do not execute the contract agreement & / **Composite Bank Guarantee** 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 in Section-I & II of Part 'A' 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 Annexure 'A' & of Section III of Part 'A' of the tender document is kept in a separate cover marked 'Technical Bid'. Rates are quoted in the prescribed format given in Annexure B1, B2, B3 & B4 of Section III of Part 'A' 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 bid and the firm is found suitable during spot verification by NSC's Officers or any third party deputed by NSC.
- 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 Bid & Price Bid.'

Signature: _____

Stamp of the company :-

Place: -

Name Of Authorized Signatory: - _____

Date:-.

E-mail Id: _____

Phone No : _____

Mb. No. :- _____

Complete Postal Address: _____

NATIONAL SEEDS CORPORATION LTD.**SECTION - III****Annexure-A**

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

FORM FOR TECHNICAL BID**To****FROM**

The Sr.General Manager (Engg),

National Seeds Corporation Ltd.,

BeejBhawan, Pusa Complex,

New Delhi-110012

Sir,

Profile of our Company is as under:

1. Particulars of the company/ firm where registered:-

Name of the company with full address, contact number and e mail	Type of the firm i.e prop./ pvt. Ltd./ Ltd. etc. with its registration no.	Name and contact no. of Prop./ partners/ Directors etc

***Attach the necessary valid document in support of above**

2. Orders of similar quantum executed as prime supplier to Government Deptt on quoted model over the last three years.

Year	Name & Address of Purchaser	Quantity supplied	Purchase Order No. & Date	Value (Rs.in lakhs)	Stipulated period of Supply installation and commissioning	Actual date of Supply installation and commissioning	Remarks explaining reasons for delay if any.
1	2	3	4	5	6	7	8

***Attach copies of Purchase Orders and proof of successful commissioning.**

3. Information regarding Bid Capacity (Orders in hand to be executed ,under execution for next 3 months and spare able capacity) as on the date of this bid.

4. Availability of infrastructure

Name of Building	Size (Sq. m)	Annual Profit/ loss (Rs. In Crore)

5. Availability of Equipment

Item of Equipment	Available no. and capacity	Owned/ leased/ to be procured	Age/ condition	Remarks

6. Availability of Personnel

Type of Employee	No.	Qualification	Experience

7. Qualification and experience of key personnel proposed for administration and execution of the contract. Attach biographical data

Position	Name	Qualification	Experience in the proposed position	Contact no.

8. 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 3 times of quoted value of offer:

Financial year	Annual Turnover (Rs. In Crore)	Annual Profit/ loss (Rs. In Crore)	Remarks

9. Registration:

TIN/VAT No.	CST No.

10. Income tax Details:-

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

11. EMD :-

Banker Name	Draft No.	Amount

12. Particular of Banker:-

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

13. MSEs' registration details (NSIC registered unit):

Registration No.	Category of Firm General/SC/ST	Validity Period	Registered Item/Items	Quantitative Capacity	Monetary Limit

14. Information on litigation history in which the Bidder is involved.

Other party(ies)	Employer	Cause of dispute	Amount	Remarks involved showing present status
1	2	3	4	5

15. A undertaking on Rs 100, Non judicial stamp paper stating that the firm is not black listed by any Govt. Department/Institution/Public Enterprises/Undertaking and no arbitration case is lying pending with this office as on date as per Performa attached in annexure A-1.
16. 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 Annexure A-2.
17. Evidence of Access of Finance Required (With Valid Proof):-
18. Authorization for Signing Bid (With Valid Ltr).

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 NSC management.

Thanking you,

Stamp of the Company

Place: -

Date:-.

Signature: _____

Name Of Authorized Signatory: - _____

Complete Mail Address: _____

Phone No.: _____

Mb. No. :- _____

E-mail Address: - _____

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

NATIONAL SEEDS CORPORATION LTD.

Check list of enclosures for Technical & Commercial Bids:

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 VAT/TIN& CST Registration No.	{ }
8	Test report of the quoted model by recognised agency.	
9.	Business performance certificate from customers for quality and timely supply preferably from Govt. Organization.	{ }
10.	If representative participating, letter of authorization to participate in the tender opening/negotiation of rate	{ }
11.	Affidavit certificate that not blacklisted and no arbitration case pending in this office.	{ }
12.	MSME registered with NSIC Certificate with proper validity for item of rate offered.	{ }
13.	Other document if any in support of the tender.	{ }
14.	Each and every concerned pages of tender document should be signed with stamp of authorized signatory of tenderer.	{ }
15.	Affidavit no circumstances exceeded lowest price of identical goods to Govt. / Sami Govt. Organizations.	{ }
16.	Balance Sheet for last Three years.	{ }
17.	Average Annual Turn Over of the firm in last three years should not be less than Three times of quoted value of the Offer.	{ }
18.	Evidence of access to financial resources.	{ }
19.	Offered Qty - _____ (Ltr of request)	

Note: - In absence of any above document, tender may be consider for rejection, To be submitted to NSC in the envelope marked "Technical & Commercial Bid"

NATIONAL SEEDS CORPORATION LTD.**SECTION - III****Annexure-A-1****Affidavit Certificate**

I /We_____ (Name, Designation and Address)
 hereby declaring that my firm/Company has not been black-listed by any of the Govt. Department/
 Organization /PSUs /Institution etc , where I /We had supplied the goods during the
 last_____ years and no arbitration case pending in NSC .

Signature of Authorized signatory _____

Name _____

Designation _____

Name of the Firm/Company _____

Full address _____

stamp_____

Place: _____

Dated: _____

NATIONAL SEEDS CORPORATION LTD.**SECTION - III****Annexure-A-2****Affidavit Certificate**

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 .

Signature of Authorized Signatory -----

Name_____

Designation _____

Name of the Firm/Company _____

Full address _____

Stamp_____

Place: _____

Dated: _____

NATIONAL SEEDS CORPORATION LTD**Section-III****Annexure-B1****(It is to be submitted to NSCL in the envelop marked 'PRICE BID')****Format for Price Bid****SUPPLY AND INSTALLATION OF
FODDER BLOCK MAKING UNIT FOR 2 TPH at CSF RAICHUR(KARNATAKA).**

S.No.	Particulars	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	Make
A	Supply of Fodderf Block Making Unit for 2 ton /hrs. as per detailed specification					
1	Chaff Cutter for Chaffing paddy, maize, jower straw etc.	One				
2	Blower for Chaffed Material					
3	Molasses Storage and Handling Equipment					
4.	Semi Automatic Batch Weighment for concentrate before in take bucket Elevator.					
5	Hammer Mill					
6	In take Bucket Elevator for Hammer Mill					
7	Takeout Bucket Elevator					
8	Batching Hopper with Feeding Vertical Hoist Conveyor					
9.	Semi Automatic Batch Weighment for Concentrate before in take bucket Elevator					
10	Top Mounted TMR/ Fodder Batch Mixer - Stationary					
11	Bottom Mounted in-motion Starghe Mixer					
12	Automatic Weghing, Batching and Feeding System for Block Maker10 – 30 kgs.					
13	Block Maker / Densification Machine					
14	Belt Conveyor for conveying packed blocks to stacking area suitable size 6 mtr.long flat belt					
15	Air Compressor					
16	Steel Structure for supporting the Entire Plant as per requirement					
17	Trolleys for movement of straw within godown with lying of rail					
18	Supporting machines: Bag stitching, Toolk kit, Chain block, welding machine, pellet trolleys, oildrain electrical pump.					
19	All electrical items as per requirement to run the machines and complete plant including lighting etc with material.					
B	Installation charges (Complete in all respect)	One Unit				
C	Collection and transportation of straw/ fodder from field to plant per ton basis					
D	Operation of complete fodder block making unit for 5 years Rate per ton					
E	AMC for 5 year after completion of 1 year warranty period.					
F	Taxes/Other Charges, if any					
	Grand Total					

**SUPPLY AND INSTALLATION OF
FODDER BLOCK MAKING UNIT FOR 1 TPH at CSF RAICHUR(KARNATAKA).**

S.No.	Particulars	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	Make
A	Supply of Fodderf Block Making Unit for 1 ton /hrs. as per detailed specification					
1	Chaff Cutter for Chaffing paddy, maize, jower straw etc.	One				
2	Blower for Chaffed Material					
3	Molasses Storage and Handling Equipment					
4.	Semi Automatic Batch Weighment for concentrate before in take bucket Elevator.					
5	Hammer Mill					
6	In take Bucket Elevator for Hammer Mill					
7	Takeout Bucket Elevator					
8	Batching Hopper with Feeding Vertical Hoist Conveyor					
9.	Semi Automatic Batch Weighment for Concentrate before in take bucket Elevator					
10	Top Mounted TMR/ Fodder Batch Mixer - Stationary					
11	Bottom Mounted in-motion Starghe Mixer					
12	Automatic Weghing, Batching and Feeding System for Block Maker 20 – 30 kgs.					
13	Block Maker / Densification Machine					
14	Belt Conveyor for conveying packed blocks to stacking area suitable size 6 mtr.long flat belt					
15	Air Compressor					
16	Steel Structure for supporting the Entire Plant as per requirement					
17	Trolleys for movement of straw within godown with lying of rai					
18	Supporting machines: Bag stitching, Toolk kit, Chain block, welding machine, pellet trolleys, oilrain electrical pump.					
19	All electrical items as per requirement to run the machines and complete plant including lighting etc with material.					
B	Installation charges (Complete in all respect)	One Unit				
C	Collection and transportation of straw/ fodder from field to plant Per ton					
D	Operation of complete fodder block making unit for 5years Rate per ton					
E	AMC for 5 year after completion of 1 year warranty period.					
F	Taxes/Other Charges, if any					
	Grand Total.					

Annexure-B3**(It is to be submitted to NSCL in the envelop marked 'PRICE BID')****Format for Price Bid****SUPPLY AND INSTALLATION OF
FODDER BLOCK MAKING UNIT FOR 2 TPH at CSF, HISAR(HARYANA).**

S.No.	Particulars	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	Make
A	Supply of Fodderf Block Making Unit for 2 ton /hrs. as per detailed specification					
1	Chaff Cutter for Chaffing paddy, maize, jower straw etc.	One				
2	Blower for Chaffed Material					
3	Molasses Storage and Handling Equipment					
4.	Semi Automatic Batch Weighment for concentrate before in take bucket Elevator.					
5	Hammer Mill					
6	In take Bucket Elevator for Hammer Mill					
7	Takeout Bucket Elevator					
8	Batching Hopper with Feeding Vertical Hoist Conveyor					
9.	Semi Automatic Batch Weighment for Concentrate before in take bucket Elevator					
10	Top Mounted TMR/ Fodder Batch Mixer - Stationary					
11	Bottom Mounted in-motion Starghe Mixer					
12	Automatic Weghing, Batching and Feeding System for Block Maker10 – 30 kgs.					
13	Block Maker / Densifiction Machine					
14	Belt Conveyor for conveying packed blocks to stacking area suitable size 6 mtr.long flat belt					
15	Air Compressor					
16	Steel Structure for supporting the Entire Plant as per requirement					
17	Trolleys for movement of straw within godown with lying of rail					
18	Supporting machines: Bag stitching, Toolk kit, Chain block, welding machine, pellet trolleys, oildrain electrical pump.					
19	All electrical items as per requirement to run the machines and complete plant including lighting etc with material.					
B	Installation charges (Complete in all respect)	One Unit				
C	Collection and transportation of straw/ fodder from field to plant per ton basis					
D	Operation of complete fodder block making unit for 5 years Rate per ton					
E	AMC for 5 year after completion of 1 year warranty period.					
F	Taxes/Other Charges, if any					
	Grand Total					

Annexure B4
SUPPLY AND INSTALLATION OF
FODDER BLOCK MAKING UNIT FOR 1 TPH at CSF, HISAR(HARYANA).

S.No.	Particulars	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	Make
A	Supply of Fodderf Block Making Unit for 1 ton /hrs. as per detailed specification					
1	Chaff Cutter for Chaffing paddy, maize, jower straw etc.	One				
2	Blower for Chaffed Material					
3	Molasses Storage and Handling Equipment					
4.	Semi Automatic Batch Weighment for concentrate before in take bucket Elevator.					
5	Hammer Mill					
6	In take Bucket Elevator for Hammer Mill					
7	Takeout Bucket Elevator					
8	Batching Hopper with Feeding Vertical Hoist Conveyor					
9.	Semi Automatic Batch Weighment for Concentrate before in take bucket Elevator					
10	Top Mounted TMR/ Fodder Batch Mixer - Stationary					
11	Bottom Mounted in-motion Starghe Mixer					
12	Automatic Weghing, Batching and Feeding System for Block Maker 20 – 30 kgs.					
13	Block Maker / Densification Machine					
14	Belt Conveyor for conveying packed blocks to stacking area suitable size 6 mtr.long flat belt					
15	Air Compressor					
16	Steel Structure for supporting the Entire Plant as per requirement					
17	Trolleys for movement of straw within godown with lying of rai					
18	Supporting machines: Bag stitching, Toolk kit, Chain block, welding machine, pellet trolleys, oildrain electrical pump.					
19	All electrical items as per requirement to run the machines and complete plant including lighting etc with material.					
B	Installation charges (Complete in all respect)	One Unit				
C	Collection and transportation of straw/ fodder from field to plant Per ton					
D	Operation of complete fodder block making unit for 5years Rate per ton					
E	AMC for 5 year after completion of 1 year warranty period.					
F	Taxes/Other Charges, if any					
	Grand Total.					

NATIONAL SEEDS CORPORATION LTD.SECTION - IV**COMPOSITE BANK GUARANTEE FORM IN LIEU OF SECURITY DEPOSIT
AND PERFORMANCE GUARANTEE BOND, BY THE BANK**

This Bank guarantee executed on thisday of 2014by Bank (hereinafter called the Bank) which expression shall include wherever permissible its successors and assigns in favor of the Chairman- cum-Managing Director, National Seeds Corporation Ltd., Beej Bhawan, Pusa Complex, New Delhi-110012 hereinafter called the Corporation which expression includes its successors and assigns at the request of M/s.....(hereinafter called the supplier) which expression shall include his successors and assigns.

"WHEREAS under the terms of supply of fodder block making unit etc. under this Corporation's supply/ Purchase Order NO.....dated Placed with the suppliers, supplier has warranted about the specifications and performance of the fodder block making unit supplied under the Corporation's order'.

OR

"WHEREAS under the terms of the contract for the supply of equipment etc. under this Corporation's Agreement No.....dated..... entered into between the Corporation and the suppliers, suppliers had warranted about the specifications and performance of the fodder block making unit under the contract'.

AND WHEREAS under the terms of the contract the Corporation is entitled to retain 10% of the price of the goods till 3 months after the period the warranty expires.

AND WHEREAS the supplier is desirous of getting the said 10% price from the Corporation and has agreed to furnish a Bank guarantee in lieu thereof and has undertaken to execute performance guarantee bond backed by the Bank.

AND WHEREAS the bank agreed to give the bank guarantee in lieu of the 10% price and be guarantor for the composite guarantee bond.

NOW THEREFORE, this guarantee witnessed and the Bank hereby agrees guarantee.

1. If the supplier commits any breach of any of the terms and conditions of the contract or of the supply order and the Corporation declares that the Supplier has become liable to forfeiture of the security or any part thereof, the Bank hereby unconditionally and irrevocably agrees and undertakes and guarantees to pay to the Corporation on demand and without demure the amount of security money stated above without making any reference to the Supplier.
2. The Supplier has warranted to the Corporation as follows.
 - i) The supplier warrants that the goods supplied under this contract/order are free from all defects and faults in material, workmanship and manufacture and are of the highest grade and consistency in the established and generally accepted standards in materials of the type of fodder block making ordered and in full conformity of the contract/order specifications and drawings or samples, if any, and shall operate properly.
 - ii) The supplier warrants that the machine/equipment shall perform satisfactorily in accordance with the specifications and the norms fixed by the Corporation for a minimum period of 12 calendar months from the date of commissioning of machine/equipment or 15 months from the date of receipt at the site whichever is earlier.
 - iii) The supplier's warranty in respect of any complaints, defects and/or claims limited to supply and installation or replacement of parts free of charge or the repair of defective parts only to the extent that such replacement or repairs are attributable to/or arise from faulty workmanship or material or design in

the manufacture of the equipment, provided defects are brought to the notice of the supplier within 12 months of their being first discovered during the warranty period and in no case after one month from the date of expiry of aforesaid warranty period. The warranty period for replaced parts will extend to 12 months from the date of replacement as envisaged by the warranty clause in this agreement/ order in respect of original supply.

- iv) The supplier shall, if required, replace or repair the goods or such portion thereof as is rejected by the Corporation free of cost at the ultimate destination or at the option of the Corporation, the supplier shall pay to the purchaser value thereof at the contract/order price and such other expenditure and damages as may arise by reasons of any breach of the condition specified in the contract/order.
- v) All replacement and repairs that the Corporation shall call upon the supplier to deliver or perform under this warranty shall be delivered or performed by the supplier as quickly as possible but in no case later than one month failing which the performance guarantee bond shall be extended till such time all claims are settled to the entire satisfaction of the Corporation.
- vi) The warranty of the supplier shall not apply to any material which would have been repaired or altered by the Corporation or on its behalf in any manner without informing the supplier in advance, if however, any such repair does not affect the strength performance or reliability the warranty shall continue to apply. Any defect caused to any part due to misuse, negligence or accident will not be covered by warranty.
3. If the supplier commits any breach of the terms relating to warranty and the supplier becomes liable to the forfeiture of the 10% of the bank guarantee or any part thereof, the bank hereby unconditionally and irrevocably agrees and undertakes and guarantees to pay to the Corporation on demand without demur and amount of bank guarantee stated above, without making a reference to the supplier.
4. The bank further agrees that the Corporation shall be the sole judge of as to whether the said supplier has committed any breach or breaches of the terms of warranty and the extent of loss, damage costs, charges and expenses caused to or may be suffered by or that may be caused to or may be suffered by the Corporation on account thereof and the decision of the Corporation that the supplier has committed such breach or has not fulfilled the conditions of warranty shall be final and binding on the supplier and the bank.
5. The bank further understand that it shall not be necessary for the Corporation to proceed against the supplier before demanding the aforesaid amount of bank guarantee from the bank or taking any proceeding against the bank and the guarantee herein contained shall be enforceable against the bank.
6. The bank undertakes not to revoke the guarantee except with the prior consent of the Corporation in writing and agree that any change in the constitution of the supplier or the bank shall not discharge the liability of the bank herein.
7. Notwithstanding anything, contained herein before the liability of the bank under this guarantee is restricted to Rs..... The guarantee of the bank shall remain into force till 3 months after the expiry of warranty period. Unless the Corporation makes a claim from the bank in writing on or before the said period all rights of the Corporation under this warranty shall be forfeited and the bank shall be relieved and discharged from all liability hereunder.

1. Witness

2. Witness

- Here fill the name and full address of The Bank
- Here fill the Name and full address of the tenderer.

NATIONAL SEEDS CORPORATION LTD.**SECTION – V****AGREEMENT FORM****AGREEMENT NO.....**

This agreement is made on thisbetween the National Seeds Corporation Ltd., A Government of India Company, incorporated under the Companies Act 1956 and having its registered office at Beej Bhawan, Pusa Complex, New Delhi-110012 and (hereinafter called the 'Corporation' which expression shall unless excluded by or repugnant to the context, be deemed to include its successors and assigns) of the first part and M/s..... (Hereinafter called the 'Supplier' which expression shall include unless excluded by or repugnant to the context, be deemed to its successors and assigns) of the second part.

WHEREAS the 'Corporation' with the intention of purchasing fodder block making unit invited offers vide Tender No..... its own behalf (hereinafter called the 'Purchaser')

AND WHEREAS the supplier submitted their tender No.....and upon consideration of the tender and after due deliberations, the Corporation placed Purchase Order NO.....dated..... with supplier, for the supplies of fodder block making unit as per specifications, quantities and number mentioned in schedule of this agreement and in purchase order no..... dated.....

AND WHEREAS the Corporation and the supplier have agreed to all the terms & conditions as contained in Section-II of Part 'A' of the tender document for Tender No..... which shall form part of this agreement.

The supplier hereby agrees to supply and purchaser hereby agrees to purchase the machine/equipment with specifications and details as mentioned in Purchase Order.

Settlement of Disputes:

All disputes and or differences in relation the tender, the contract of the interpretation of any of their terms of implementation hereof or arising out of or concerned directly or indirectly with the contract shall be referred to the arbitration of a single Arbitrator to be appointed by the Chairman cum Managing Director of the Corporation and in the absence of CMD, the highest Executive Officer of the Corporation shall make such appointment. The venue of Arbitration shall be at New Delhi. The Court of Law at New Delhi/Delhi alone will have jurisdiction in the matter of any disputes whatsoever. The arbitrator shall have power to enlarge time for making and 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 such arbitrator had

dealt with the matter at any earlier stage. If the claims involved in a dispute are of more than Rs.1.00 lakh, the arbitrator shall make a speaking award.

No amendments or modifications in the terms of this agreement shall be considered valid unless it is in writing and duly signed by both the parties.

IN WITNESS WHEREOF, both the parties have here to subscribed their signature on the date and year herein above written through authorized representatives.

For and on behalf of the supplier

For an on behalf of theNationalSeedsCorporation
Ltd., BeejBhawan, Pusa Complex, New Delhi - 12

Witness

Witness

1.

1.

2.

2.

3.

3.

NATIONAL SEEDS CORPORATION LTD.

SECTION - VI **PRE-CONTRACT INTEGRITY PACT**

(To be signed in case bid/contract amount exceeds Rs. One Crore)

General:-

1. Whereas National Seeds Corporation Limited represented byhereinafter referred to as the Buyer and the first party, proposes to procure goods / services through tender no. hereinafter referred to as goods, of the first part is a CPSE under Ministry of Agriculture, Government of India.

and M/s _____, represented by, _____
Chief Executive Officer (which term, unless expressly indicated by the contract, shall be deemed to include its successors and its assignees), hereinafter referred to as the Bidder/Seller and the second party, is willing to offer/has offered the stores. Whereas the Bidder is a (status of the bidder) constituted in accordance with the relevant law in the matter.

2. Now, therefore, the Buyer and the Bidder agree to enter into this pre-contract agreement, hereinafter referred to as Integrity Pact, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/unprejudiced dealings prior to, during and subsequent to the completion of the contract.

Commitments of the Buyer:-

3. The Buyer Commits itself to the following:-

3.1 The Buyer undertakes that no official of the Buyer, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the Bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.

3.2 The Buyer will treat all Bidders alike, and will provide to all Bidders the same information and will not provide any such information to any particular Bidder which could afford an advantage to that particular Bidder in comparison to other Bidders.

3.3 All the officials of the Buyer will report to the CVO office of any attempted or completed breaches of the above commitments on the part of Bidder under Integrity Pact.

4. In case of any such preceding misconduct on the part of such official(s) is reported by the Bidder to the Buyer with full and verifiable facts and the same is *prima facie* found to be correct by the Buyer, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the Buyer and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the Buyer the proceedings under the contract would not be stalled.

Commitments of Bidders:-

5. The Bidder commits himself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of his bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commits himself to the following:-

5.1 The Bidder will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or

inducement to any official of the Buyer, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.

5.2 The Bidder further undertakes that he has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Buyer or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with the Government.

5.3 The Bidder will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

5.4 The Bidder will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

5.5 The Bidder further confirms and declares to the Buyer that the Bidder is Competent to offer for stores /services in the said tender and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the Buyer or any of its functionaries, whether officially or unofficially to the award of the contract to the Bidder, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

5.6 The Bidder, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the Buyer or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

5.7 The Bidder shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the Buyer as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The Bidder also undertakes to exercise due and adequate care lest any such information is divulged.

5.8 The Bidder commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

5.9 The Bidder shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

6. Previous Transgression:-

6.1 The Bidder declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify bidder's exclusion from the tender process.

6.2 If the Bidder makes incorrect statement on this subject, Bidder can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

7. Company Code of Conduct:-

7.1 Bidders are also advised to have a company code of conduct (clearly rejecting the use of bribes and other unethical behavior) and a compliance program for the implementation of the code of conduct throughout the company.

8. Sanctions for Violation:-

8.1 Any breach of the aforesaid provisions by the Bidder or any one employed by him or acting on his behalf (whether with or without the knowledge of the Bidder) or the commission of any offence by the

Bidder or any one employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act 1988 or any other act enacted for the prevention of corruption shall entitle the Buyer to take all or any one of the following actions, wherever required:-

- (i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the Bidder. However, the proceedings with the other Bidder(s) would continue.
- (ii) The Earnest Money/Security Deposit/Performance Bond shall stand forfeited either fully or partially, as decided by the Buyer and the Buyer shall not be required to assign any reason therefore.
- (iii) To immediately cancel the contract, if already signed, without giving any compensation to the Bidder.
- (iv) To recover all sums already paid by the Buyer, and in case of an Indian Bidder with interest thereon at 2% higher than the prevailing Prime Lending Rate, while in case of a Bidder from a country other than India with interest thereon at 2% higher than the **LIBOR**. If any outstanding payment is due to the Buyer from the Bidder in connection with any other contract for any other defense stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
- (v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the Bidder, in order to recover the payments, already made by the Buyer, along with interest.
- (vi) To cancel all or any other Contracts with the Bidder.
- (vii) To debar the Bidder from entering into any bid from the Government of India for a minimum period of five years, which may be further extended at the discretion of the Buyer.
- (viii) To recover all sums paid in violation of this Pact by Bidder(s) to any middleman or agent or broker with a view to securing the contract.
- (ix) If the Bidder or any employee of the Bidder or any person acting on behalf of the Bidder, either directly or indirectly, is closely related to any of the officers of the Buyer, or alternatively, if any close relative of an officer of the Buyer has financial interest/stake in the Bidder's firm, the same shall be disclosed by the Bidder at the time of filing of tender. Any failure to disclose the interest involved shall entitle the Buyer to rescind the contract without payment of any compensation to the Bidder.
- (x) The Bidder shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the Buyer, and if he does so, the Buyer shall be entitled forthwith to rescind the contract and all other contracts with the Bidder. The Bidder shall be liable to pay compensation for any loss or damage to the Buyer resulting from such rescission and the Buyer shall be entitled to deduct the amount so payable from the money(s) due to the Bidder.
- (xi) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the Buyer with the Bidder, the same shall not be opened.

8.2 The decision of the Buyer to the effect that a breach of the provisions of this Integrity Pact has been committed by the Bidder shall be final and binding on the Bidder.

9. Fall Clause:-

9.1 The Bidder undertakes that he has not supplied/is not supplying the similar systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India and if it is found at any stage that the similar system or sub-system was supplied by the Bidder to any other Ministry/Department of the Government of India at a lower price, then that very price will be applicable to the present case and the difference in the cost would be refunded by the Bidder to the Buyer, if the contract has already been concluded.

9.2 The Bidder shall strive to accord the most favored customer treatment to the Buyer in respect of all matters pertaining to the present case.

10.Examination of Books of Accounts:-

In case of any allegation of violation of any provisions of this Integrity Pact or payment of commission, the Buyer or its agencies shall be entitled to examine the Books of Accounts of the Bidder and the Bidder shall provide necessary information of the relevant financial documents in English and shall extend all possible help for the purpose of such examination.

11.Law and Place of Jurisdiction:-

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the Buyer i.e. New Delhi.

12.Other Legal Actions:-

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

13.Validity:-

13.1 The validity of this Integrity Pact shall be from date of its signing and extend till satisfactory closer of the Contract.

13.2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

The Parties hereby sign this Integrity Pact at _____ on _____ .

BUYER BIDDER

CHIEF EXECUTIVE OFFICER
Company Name

Witness

1. _____

1. _____

2. _____

2. _____

PART-B

NATIONAL SEEDS CORPORATION LTD

SECTION – I
DETAILED SPECIFICATIONS FOR SUPPLY, COMMISSIONING AND
INSTALLATION OF FODDER BLOCK MAKING UNIT

DETAILED SPECIFICATION OF INDIVIDUAL MACHINERY FOR 2 TPH
FODDER BLOCK MAKING UNIT

1. CHAFF CUTTER: For chaffing paddy, maize, jowar straw etc.

- a. Having a chaffing capacity in the range of 3 to 4 MT per hour on paddy straw.
- b. Heavy and sturdy MS construction body.
- c. Hardened SS alloy blades.
- d. Motor drive arrangement with V pulleys.
- e. Intake and out belt conveyors (minimum 10 feet in length for both with appropriate width and trough).
- f. Chop size range for 90% material in the range of 0.5 to 2.50 inches.
- g. Grinding motorized stone for blade sharpening to be included.
- h. Suitable motor of reputed make (ABB, Kirloskar, Bharat Bijli, Crompton, Siemens, LHP etc. or equivalent)

2. BLOWER FOR CHAFFED MATERIAL:

- a. Cyclone type with intake bottom, cyclone body and throw pipe of minimum 10 feet.
- b. The equipment having arrangement for raising and lowering the height of throw pipe as well as of the whole equipment.
- c. Fitted with wheels for easy movement within the godown and in open.
- d. Motor suitable of reputed make.

3. MOLASSES STORAGE AND HANDLING EQUIPMENT.

- a. Main overhead storage tank 200 MT capacity on site fabrication.
- b. Day Tank 2 MT Capacity.
- c. Batch Tank 100 Kg Capacity with 10 kg. marking.
- d. Motors and pumps for main storage tank as well as batch tank, filling, quantity measuring device (SS measuring Float with glide), molasses circulation system, loading arrangement.
- e. Concrete foundation for outdoor main tank shall be constructed by the NSC Ltd. as per drawing provided.
- f. Structure for 200 MT storage tank 6.3 meter diameter and 6 meter height, central pipe, conical top cover in 4 mm sheet, base in 8 mm sheet, side shells in 8 mm and 6 mm sheet, opening at top for air with wire mesh for preventing bird entry, V shaped welding between the sheets, inner channel ring support in 75 mm section, and staircase, man hole on top and bottom.

- g. The material from the incoming road tanker vehicle will be loaded to the main storage tank using a unloading tank with motor, pump and suction and delivery piping arrangement. The molasses from main tank will have arrangement for flow to the Day tank and from the day tank the second pump and motor arrangement will take the molasses to the batch tank. From the batch tank, the automatic weighing and dozing system will release the molasses to the molasses trickling channel fitted with the Mixer. Manual discharge of molasses from Batch tank to mixer shall also be provided.
- h. All structure including pipeline, flange, valves, bends, support etc shall be double coated with primer and oil based black paint.
- i. Suitable Motor 3 phase, 3 inch inlet pump with 3 inch pipeline for filling the main tank.
- j. Motor and pump arrangement for day tank to batch tank, suitable motor and 1.0 inch outlet pump with necessary pulley and belt arrangements. Pump and motor of reputed make.
- k. Concentrate Section: 4 MT/ hour

4. SEMI AUTOMATIC BATCH WEIGHMENT FOR CONCENTRATE BEFORE IN TAKE BUCKET ELEVATOR

- a. Batching hopper and drag to be provided.
- b. Digital display.
- c. Four load cell with mean calculator.
- d. Lever operated flap gate.
- e. Magnetic grill inlet.
- f. Bottom Drag type chain conveyor with VFD: 4mtr. Length, 300 mm wide through from 5 mm duly braces with angle supports. Single chain 285 x 40 x 5 mm, open type, proper guides as per need, PBL or equivalent make gear head and suitable motor of reputed make, strong and sturdy frame, supporting structure, display/ control panel etc complete in all respect. Control drive of ABB/Siemens or equivalent make used to control the speed of the drag chain conveyor. The hopper for drag chain conveyor to hold 1000 kg of material.

5. HAMMER MILL:

- a. Pearl type full screen mill -3 MT/hour on maize basis with 4 mm screen.
- b. Duly hardened breaker plates.
- c. Dynamically balanced rotor for forward and reverse rotation.
- d. Quick door and sieve change without any tools.
- e. Directly coupled rotor – motor arrangement.
- f. Self-cleaning magnet trap.
- g. Lateral removal of rotor.
- h. Exchangeable wear plates in housing.
- i. Strong body, heat-treated hammers and strong base frame.
- j. VFD Controlled feeder with suitable model.
- k. Motor of reputed make of required HP.
- l. Bottom discharge screen of size 4, 6, 8 mm dia should be provided.

6. IN TAKE BUCKET ELEVATOR FOR HAMMER MILL:

- a. Capacity to feed hammer mill.
- b. Strong flat belt and bucket arrangement.
- c. In take hopper at floor level for trouble free batch loading.
- d. PBL (Elcon/Greaves or equivalent make gear head).
- e. Suitable Motor of reputed make.
- f. Suitable drive chain/gear, frames, hoods, monkey ladder, support structure, maintenance platform, hopper, etc as per need complete in all respect.

7. TAKEOUT BUCKET ELEVATOR:

- a. Capacity to match uptake of material released from hammer mill.
- b. Strong flat belt and bucket arrangement.
- c. In take hopper to match grinder out let.
- d. Independent intake at the inlet for direct loading of power material without passing through grinder.
- e. PBL (Elcon/Greaves make gear head)
- f. Suitable Motor of reputed make.
- g. Suitable drive chain/gear, frames, hoods, monkey ladder, support structure, maintenance platform, hopper, etc as per need.
- h. Necessary chute to discharge material in to the 1 Ton batch bin.

8. BATCHING HOPPER WITH FEEDING VERTICAL HOIST CONVEYOR:

- a. Used to weigh dry fodder and concentrate and convey the batch to the TMR/Fodder mixer.
- b. Batching hopper with bottom gate opening arrangement.
- c. Dust free discharge to the Fodder Mixer.
- d. Batch Hopper Mounted on wheels and provided with rail for easy movement on the ground.
- e. It shall be provided with Digital weights system with display, four load cell with mean calculator.
- f. Batching hopper to have capacity to hold 500 kg.Paddy straw.
- g. Hoist with wire rope, channel, girders, drive for vertical and horizontal travel, and other arrangements for lifting and moving the batching hopper horizontally and vertically. The Hoist shall enable batching hopper to open bottom gates to empty the batch in the top of the TMR/Fodder Mixer.
- h. Suitable chain/belt conveyor for feeding fodder and concentrate to the Batching hopper on p4 meter basis depending upon lay out.

9. SEMI AUTOMATIC BATCH WEIGHMENT FOR CONCENTRATE BEFORE IN TAKE BUCKET ELEVATOR

- g. Batching hopper and drag to be provided.
- h. Digital display.
- i. Four load cell with mean calculator.
- j. Lever operated flap gate.
- k. Magnetic grill inlet.

- l. Bottom Drag type chain conveyor with VFD: 4mtr. Length, 300 mm wide through from 5 mm duly braces with angle supports. Single chain 285 x 40 x 5 mm, open type, proper guides as per need, PBL or equivalent make gear head and suitable motor of reputed make, strong and sturdy frame, supporting structure, display/control panel etc complete in all respect. Control drive of ABB/Siemens or equivalent make used to control the speed of the drag chain conveyor. The hopper for drag chain conveyor to hold 1000 kg of material.

10. TOP MOUNTED TMR/FODDER BATCH MIXER – STATIONARY:

- a. Capacity 14 cubic meter and number of batches – 4 per hour.
- b. 85% mixing efficiency with $\pm 5\%$
- c. Metal Sheets & Angle, Channel Grades: MS (IS 2062).
- d. Mixer body: in 6 mm MS Sheets side and bottom round, 8 mm sheets side, 4 mm top.
- e. Molasses Trickling Tray Channel
- f. Suitable Motor of reputed make (ABB, Crompton, Siemens, LHP or equivalent make)
- g. Robust Mounting for gear box & Motor.
- h. Staircase: with suitable steel iron material as per requirement.
- i. Mixing time: 8 to 12 minutes, or may be specified
- j. Feeding time Maximum 5 minutes, unloading time maximum 1 minute, may be specified.
- k. Batch size 500 kg to 1000 kg depending on fodder inclusion level.
- l. Liquid spraying system with minimum 3 jet nozzles for disinfection/bacteria free purpose.

11. BOTTOM MOUNTED IN-MOTION STORAGE MIXER:

This shall have the same specs as top mounted TMR/Fodder Mixer with necessary design and utility changes.

- a. It shall additionally have side exit gates.
- b. Unloading time should synchronize with block maker's output.

12. AUTOMATIC WEIGHING, BATCHING AND FEEDING SYSTEM FOR BLOCK MAKER 10 – 30 KGS:

13. BLOCK MAKER/DENSIFICATION MACHINE:

- a. Block weight 10 to 30 kg as per dry fodder inclusion level. (Block weight should be easy to handle)
- b. Block size should not be of unmanageable dimensions.
- c. Operation of the machine PLC.
- d. Operating block production 75 – 90 Blocks per hour, or may be specified
- e. Automatic packaging of the Block in built.

14. BELT CONVEYOR: For conveying packed blocks to stacking area suitable size 6 mtr.long flat belt.

15. Air Compressor :

- a. Reputed make double stage compressor 10 kg/cm sq. With suitable motor.
- b. Reputed make solenoid valve.
- c. Proper air cleaners, lubricators, dryer, piping and all other supporting items as per need.

16. STEEL STRUCTURE FOR SUPPORTING THE ENTIRE PLANT as per requirement**17. Trolleys for movement of straw within godown with laying of rail:**

18. SUPPORTING MACHINERIES: Bag stitching machine 2 nos. reputed make REVO, LP or equivalent make, Tool kit for the entire plant, Chain block 5 Ton capacity, 3 phase / 1 phase change over welding machine, pellet trolleys, oil drain electrical pump.

19. All electrical items as per requirement to run the machines and complete plant

including lighting etc.with material.

1. ELECTRICALS:

All necessary electrical as required for entire machinery, including panels (APFC/PCC/MCC), safety instruments, housing, cables, trench, switch boards, insulations, earthing, feeders, lighting, exhaust, switch panels, transformer (250 KVA) and associated yard electrical provided. All safety precautions for entire electrical system and strict IS and IP standards should be maintained with appropriate paints and coating. For panels 14 gauges sheet should be used. VFD, emergency stop buttons, remote on/off switches, light indicators supplied wherever necessary. Only reputed instrument make electrical of L&T, Siemens, ABB or equivalent.

20. Collection of Fodder from farm fields to plant.

Activities involved making of fodder from crop harvested fields, loading unloading, transportation to plant by the Bidder.

21. Running of plant for 5 years

Plant will be operated by the Bidder in all respect including deployment of man power.

22. AMC with material and items for five years after completion of warranty period of one year. The rate may be quoted on yearly basis.

.Note:-

- (i) The Bidder should also offer the rates for 1 TPH capacity plant and all the machine in accordance of 1 TPH capacity
- (ii) System will be installed at [Central State Farm, Jawalgera, Tq: Sindhanur, Dist. Raichur \(Karnataka\)-584143](#) and [Central State Farm, 10 KM Sirsa Road, Hisar-125 001 \(Haryana\)](#)
- (iii) Firm may visit the site before quoting the rates, if so desired.
- (iv) Total HP required to operate the plant should be mentioned.

- (v) Process diagram of system should be provided with technical bid.
- (vi) Detailed specification of each machine and diagram should also be provided.
- (vii) Layout plan should also be provided indicating the area required for establishment of plant.
- (viii) Civil structures for collection of straw, installation of machine and storage of finished products, construction of molasses and for any other civil structures the detailed drawing and dimensions should be provided.

**THE ADDRESS OF THE DISPATCH DESTINATION FOR SUPPLY & INSTALLATION
OF FODDER BLOCK MAKING UNIT IS AS UNDER**

S.No	Name of Farm	Unit	
1	Central State Farm, Jawalgera, Tq: Sindhanur, Dt. Raichur (Karnataka)-584143	One	
2	Central State Farm, Hisar, 10 KM Sirsa Road, Hisar (Haryana)-125001	One	