



THE HARYANA STATE COOPERATIVE SUPPLY & MKG.FED.LTED.
HAFED CATTLE FEED PLANT, ROHTAK HARYANA (INDIA)
(AN ISO 22000:2005 Certified Unit)
TEL: (01262)- 277101, 276709,
Website: www.hafed.nic.in

**TENDER FOR THE PURCHASE OF RAW MATERIAL & PACKING MATERIAL REQUIRED FOR
MANUFACTURING ANIMAL FEEDS.**

Sealed tenders are invited from manufacturing units/reputed brokers/suppliers for supply of following material strictly as per Hafed's specifications/terms. Details of items required given as under:
(Fig. in MT)

S.N	Item	26.05.2014		20.06.2014	
A. RAW MATERIAL		Rohtak	Saktakhera	Rohtak	Saktakhera
1	Rice Bran Deoiled	500	-	500	250
2.	Rice Bran oiled	400	-	400	-
3	Mustard Deoiled in HDPE bags	800	-	500	50
4	Guar Korma in HDPE bags	200	-	2000	-
5	Guar Churi	-	100	-	-
6	Gram Chhilka	-	25	-	-
7	Sound Maize	100	-	100	50
8	Lime Stone Powder	200	-	-	-
9	Cotton Seed cake	-	-	100	-
10	Common Salt	200	-	-	-
11	Anifeed feed supplements	12	-	-	-
PACKING MATERIAL					
1	HDPE Bags Pusha Mash White (50 Kg.)	-	10000	-	-
2	HDPE Bags Cattle Mash White (40 Kg.)	-	10000	-	-

The Tender be submitted on the prescribed tender form alongwith prescribed earnest money of Rs. 1,00,000/- or 5% of the total cost for the material offered, whichever is more, in shape of Demand Draft in favour of **HAFED CATTLE FEED PLANT, ROHTAK**, payable at any scheduled Bank at **ROHTAK**. Tenders without earnest money will not be considered. The tender form can be obtained from Hafed Cattle Feed Plant, Rohtak on any working day on payment of **Rs.500/- (Non refundable)**. The tender notice can also be downloaded from Hafed's website www.hafed.gov.in. The complete tender form should reach at **HAFED Corporate office Sec-5 Panchkula ON OR BEFORE 26.05.2014 and 20.06.2014 AT 11.30 A.M.** which will be opened on the same day at **12.00 Noon** at **HAFED Corporate office Sec-5 Panchkula (Haryana)** itself in presence of tenderers, who may wish to be present.. Conditional tender will not be considered. **Tenderers shall have to quote rates at least 50% of the tendered quantity. The tender offer received through SMS/Fax at the time of tender will be considered of those parties, whose earnest money is already deposited with Hafed. Cost of tender form will be charged from their bills/ security. Negotiations will be held on the same day, if required.Tender can be negotiated or by open bidding by the committee at the spot. Rates quoted should be in Gross weight basis / FOR basis inclusive of all taxes. The stock is required on ready basis.. Supplies of material shall be accepted on working day only.**

The committee has right to increase/decrease the tendered qty. or even add the extra commodity, besides the above commodity of raw material.

The committee reserve the right to accept or reject any or all the tenders without assigning any reason whatsoever.

Dated:8.5.2014

General Manager,
For Managing Director, Hafed



**THE HARYANA STATE COOPERATIVE SUPPLY
AND MARKETING FEDERATION LIMITED**
HAFED CATTLE FEED PLANT, ROHTAK (HARYANA) INDIA
TEL: (01262)- 277101, 276709,
Website: www.hafed.gov.in

CONFIDENTIAL DOCUMENT

Tender Form No. _____

Date of tender _____

The Managing Director,
Hafed Corporate Office,
Sector-5, Panchkula.

Subject: Tender for the supply of _____

Sir,

In response to your tender notice published in the _____ of dated _____ I/we hereby offer to supply the following items as per the specifications, terms and conditions prescribed by you in your tender documents, which are fully acceptable to our firm. We shall supply C-4 Sales Tax Declaration Form to Hafed Cattle Feed Plant, Rohtak/Hafed AFP, Saktakhera against supplies.

Sr. No.	Name of item	Quantity offered (in MT)	Rates per MT Gross F.O.R. Hafed CFP, Rohtak / Hafed AFP, Saktakhera inclusive of all taxes, levies as Hafed specifications, terms & conditions (Rates in figures and words both)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Note: There should be no cutting, overwriting and erasing in rates, if found, then tender shall be cancelled straightway and their rates shall not be considered at all.

We are also enclosing following documents:-

a) An account payee demand draft / payee order
No. _____ dated _____ drawn on
_____ for Rs. _____

in favour of Hafed Cattle Feed Plant, Rohtak, Saktakhera towards 5% earnest money of value quoted i.e. quantity and rate.

- b) Tender form/documents of which each and every page should be duly stamped and signed by partner/authorized signatory of the firm.
- c) Authority letter by firm authorized representative signing/attending tender opening/negotiations proceedings (signature of representative duly attested)
- d) Sales Tax Registration certificate, VAT Registration No.
- b) Prop./partnership deed duly attested alongwith the tender.

Enclosures: As above.

Signature of authorized
Signatory/Partner
(with seal/stamp)

TENDER DOCUMENTS

H.O. Phone Nos. 0172-2590520-26
CFP Rohtak Nos. 01262-276709, 277101
AFP, Saktakhera : 01668-260381

E.Mail: hafed@hry.nic.in
E-mail: cfphfdrtk@hry.nic.in
E-mail cfphfdskt@gmail.com

Cost of Documents : Rs.500/- (Non Refundable)

Last date & time of receipt of offer in Head Corporate Office, Panchkula.

- 1) Date & time of opening of tender in Hafed, H.O. Panchkula.
- 2) Negotiations of offer (if necessary) _____ to be announced

Name of items offered for purchase: As per tender notice enclosed

Validity period of offers : validity be ensured for 15(Fifteen) working days.

A copy of tender notice is also enclosed:-

1. The tender should preferably be typewritten or legibly in ink and there should not be any erasing, overwriting and cuttings. If there is any erasing, overwriting and cuttings, then tender will be cancelled. The rates overwritten, erased, cuttings shall not be considered. Rates quoted should be written in words and figures also. In case of ambiguity, the rates in words shall be considered as final. Tenders by FAX will be accepted. The rate quoted by the tenderer can be accepted within 15 days from the date of opening of tender.
2. The tender must be complete with requisite earnest money @ 5% of the quoted value of Rs. One Lakh only –lump sum amount of earnest money in the form of bank draft drawn in favour of Hafed cattle Feed Plant, Rohtak/Hafed Animal Feed Plant, Saktakhera. The tenders not accompanied with requisite amount of earnest money shall not be entertained and no opportunity for negotiations to such tenders shall be afforded. The earnest money of unsuccessful tenders will be refunded after finalization of the tenders by Hafed. The purchase committee of H.O. is competent to take on the spot decision in view of special circumstances by making some relaxation/amendment as deemed necessary but the reasons for the same shall be recorded in the proceedings.
3. The successful tenderers shall not assign or sublet the whole or part of contract sanctioned in his favour to any individual or agency.
4. **RATES:**
Only one rate should be quoted for the entire quantity to be delivered as per Hafed delivery schedule. More so rate offered should be for the full quantity and not for part quantity. The offer of the firm if given with different supply schedule than as specified by Hafed shall not be considered and the offer will be treated as Conditional Offer. The rates should be F.O.R. destination i.e. Hafed Cattle Feed Plant, Rohtak/Saktakhera and inclusive of all taxes, freight, excise duties, octroi, loading and packing charges, transit insurance etc. Hafed Cattle Feed Plant, Rohtak is within municipal limits. Market fee if any shall be borne by supplier.

5. NEGOTIATIONS:

It is in the interest of tenderer to depute their representative for participating in the tender as negotiations if considered necessary can be carried out on the same day. In case the firm does not depute its representative to participate in the

tender negotiations at the time of opening of the tender then it will be presumed that tenderer is not interested in the negotiations and the rates offered by the tenderer will be treated as final and tenderer will lose right for further negotiation. The decision for finalization of tender will be taken accordingly.

Procedure of Negotiation:

Only those firms who have deposited required earnest money/document and submitted non-conditional tenders shall be eligible for negotiations. Negotiations will be carried out with all the tenderers. The parties if asked for attending negotiations shall ensure that they invariably attend negotiations at the given items. In case some of the parties do not present themselves at the time of negotiations then negotiation process shall be completed and they will lose their right of quoting negotiated rates. The offers received after completion of negotiations process will not be entertained. Normally the negotiations will be carried with the first quoting lowest rates, who agree/s to supply the material as per specified delivery schedule. Same rates are to be quoted during tender/negotiation instead of offering different rates for different supply schedule. Second round of negotiations will only be taken up in case rates received are found on higher side or if the rates received are equal/at par. Second round of negotiations shall be carried with those firms only who have attended first round of negotiations. Purchase committee is competent either to take on the spot decision or to defer the purchase by considering prevailing circumstances. Purchases will be finalized with the lowest tenderer only.

6. QUALITY AND SUPPLY SCHEDULE:

The tenderer will have to quote the rate of minimum 50% quantity of the tendered qty. Total supply is to be completed within 30 days @ 25% per week positively. (Normally rate for full quantity i.e. required as per tender notice enquiry) shall be quoted. Part quantity of material quoted shall not be entertained. Since the requirement of raw material/packing material is immediate consumption for producing cattle feed, poultry feed and manufacturing of feed supplements, therefore material will be offered from the ready stock available with the firm. Therefore, before offering for the quantity, the tenderer is to make sure that the stocks are available with them for supplies as per our schedule. Since time is the essence of contract and rates of raw material fluctuate from time to time, so that material shall have to be supplied strictly as per schedule otherwise the plant will be free to cancel the order, to impose the penalty and to make the risk purchase on behalf of the party and total cost/penalty shall be recovered from the party.

QUANTITY VARIATION:

The permissible variation in quantity to be received will be as under:-

One truck load (upto 15 MT)	±1 MT
Two truck load (upto 25.30 MT)	±2 MT
50 MT	±2.5 MT
100 MT	±3.5 MT
200 MT	±5 MT
300 MT	±6 MT
400 MT	±6.5 MT
500 MT	±7 MT
600 MT	±8 MT
700-1000 MT	±9 MT
Above 1000 MT	

In case the firm supplies excess/short quantity upto 1.5 MT during a particular bargain and the same item is purchased during next tender then the maximum excess/short quantity shall be accepted by deducting price difference/penalty whichever is higher. In case the particular/raw material is not purchased during subsequent month then penalty may be imposed as per the details given below:

<u>Price Range</u>	<u>Penalty per MT</u>
Rs. 5000/-	Rs. 500/-
Rs. 4000/-	Rs. 400/-
Rs. 3000/-	Rs. 300/-
Rs. 2000/-	Rs. 200/-
Rs. 1000/-	Rs. 100/- (Minimum penalty)

Timely supply of consignment is essential. In case suppliers do not supply the material as per delivery schedule given in purchase order and make delayed supply then late delivery **penalty** shall be imposed @ 2% per week for the maximum limit of 2 weeks. In case the supplier fails to supply the material even after extended period 2 week with penalty then purchase order will be cancelled and Hafed can make risk purchase of the material at the risk and cost of the supplier. Thereafter the security will be forfeited and further action for recovery of price differential will be taken.

In case, bulk purchase is made by the committee, delivery can be extended for additional period.

7. DELIVERY:

Supplies shall be accepted on working days only however supply can be accepted on Sunday/Holiday if material is required by the plant. The truck should carry a proper bill alongwith other document in transit. The stock will be accepted and entered at gate with proper bill of the supplier to whom the order is placed by the plant. Stock without proper bill will not be accepted at any cost.

8. WEIGHMENT:

The weighment of material shall be carried out at our weighbridge by an authorized committee and the weighment at the plant weighbridge will be treated as final and binding. In case weighbridge facility is not provided in the plant or weighbridge is out of order then weighment of the stock will be carried out from private weighbridge in the presence of committee.

9. INSPECTION, SAMPLING AND TESTING PROCEDURE:

Immediately on receipt of material in Cattle Feed Plant, Rohtak/Saktakhera, joint inspection and sampling of each consignment/truck will be carried out by the committee comprising of P.E./Production Incharge, S.K. (R.M.), Incharge of Accounts Branch, Hafed CFP, Rohtak / Saktakhera. Then firm will depute its representative for joint inspection/sampling will be carried out by the said committee independently and its report will be final and binding. Physical condition of supply will also be taken into consideration besides chemical analysis for while accepting the material.

Each sample drawn shall be homogeneously mixed. Divided in two portions (Three in case of participation of representative of supplier party) One / two portions put in polythene bag with a sample slip having following details:-

1. Order Number and date.
2. Name of the material.
3. Supplier's name.

4. Date of receipt of material.
5. Date of sampling.
6. Bill No. and date.
7. Quantity received.
8. Signatures of member committee alongwith its designation.

The sample should be packed in cloth bag duly stitched and sealed with Hafed seal and supplier party seal (in case representatives of party are present at the time of sampling).

These sealed samples shall bear on it the legible sample details and signature of the committee members with designation. Sealed sample shall be preserved in sound and safe conditions.

- a) In case of sample tested in Hafed Laboratory for at least three months after receipt of material in the plant. If there is some dispute with regarding to quality then the counter sample with be kept in stock till the dispute is settled and payment is finalized, provided the party makes a written representation within one month of the date supply of material.
- b) In case the sample being got tested from outside independent laboratory of repute the counter sample shall be retained in CFP lab up to two months after receipt of test report from outside the laboratory. In case of dispute regarding quality counter sample shall be retained in CFP till the matter is settled and the payment is finalized
- c) In case of out station, testing charges will be borne by the plant and supplier in equal ratio.
- d) In case the suppliers is not satisfied with the test result of sample and make a request for retesting by enclosing the test result of the factory from where supply has been made. In that case one counter sample preserved will be divided into two parts and sealed in the presence of supplier and representative of plant. These two samples will be sent to two different Labs for testing by the G.M. CFP Rohtak/AFP Saktakhera. After receipt of analysis report payment will be finalized on the basis of average result of both labs and same will be final and binding to both the parties. Testing charges will be borne by supplier.
- e) Stock should be packed in serviceable bags.

10 PACKAGING MATERIAL:

- a) The seams should be folded outside by a minimum of 25 mm and should have double fold.
- b) The bags should be bottom stitched as per IS 10789-2000 and sewn with two rows of chain/lock stitches with a tape of 1200 denier conforming to IS 9755.
- c) The first row of stitches from the edge should be at a distance between 9 to 11 mm and the second row should be at a distance of 4 to 6 mm from the first row of stitches.
- d) The bags with 50 Kg/ 40 Kg of Feed will be subjected to drop test from a height of 2 (two) meters on a platform from all the sides except seam sides. No bags should rupture when subject to this test minimum of four drops per bag.
- e) HAFED reserves the right to increase or decrease the total quantity to be specified in the Purchase Order by 20 (Twenty) percent at its sole and absolute discretion and any such increase/ decrease shall be on the same rates and terms and conditions.
- f) Since the bags are vital packing material , to keep the production/dispatch of Feed going on un-interrupted basis, HAFED reserves the right to divide the

contract between more than one tenderer in such quantities to each individual tenderer as it may deem fit in its sole and unfettered discretion.

- g) The procedure for testing and inspection of fabric and bags would be as described in IS: 1969-1985, IS 6192-1984, IS 9030-1979, 9755-2003, IS13035-1991 for drop test.
- h) HAFED would be entitled to inspect and test the fabric, fabric material and bags directly and/or by any agencies of its choice. Such inspection and testing will be conducted by HAFED and / or its authorized agent , at any time at supplier's factory/plant/godowns or other plant, either prior to their delivery or on receiving the same at HAFED's Site. In case the fabric material of HDPE bags is found such rejection of bags the suppliers will be debarred from participating in future of HAFED.
- i) Inspection and approval of raw materials or bags either by HAFED or its authorized agent shall not in any way absolve the supplier from his contractual obligations regarding quality and specifications. HAFED reserves the right to reject any bag found to be below specifications/made out of substandard raw materials or different raw materials from that specified even after receipt of the bags at plant / during utilization of the same.
- j) The testing and inspection of bags at HAFED Plant shall be final and binding on the suppliers.
- k) The trusses will be sampled for inspection in confirmation to IS 9755-2003 clause 6.3 Table-2, as per following table :

SAMPLING METHOD:

No. of Bales in the Lot	No. of Bales to be selected	No. of Bags to be sampled for physical parameter	No. of Bags to be selected for Breaking load value
Upto 25	3	13	8
26 to 50	5	20	8
51 to 100	8	32	13
101 & above	12	50	20

Bags will be counted in each such truss and the average number of bags found short in such inspected trusses shall be deemed to be present in all the trusses of the concerned lot and proportionate deduction would be made from the supplier's invoice to cover the cost of such short received bags. Cost of such bags which are found at the time of consumption, to be of some third party or unit shall be deducted from the subsequent invoices covering supplies effected by the supplier. In the event of there being no pending supplies, such supplier shall reimburse HAFED the cost of such bags.

l) No tolerance other than those specified elsewhere will be permissible and HAFED reserves the right to reject without any liability , any bags found outside the specified limits.

11. PAYMENTS:

Payments to the extent of 90% shall be released within seven days after receipt of material as per specification alongwith proper bill. No payments shall be released on the day of receipt of material in the premises of Hafed Cattle Feed Plant, Rohtak/Saktakhera. Balance 10% payment will be released after testing of material in CFP lab/outside laboratory. In case the material is found substandard i.e. beyond

acceptable limits then the suppliers will be informed accordingly to replace it at their own cost. In case suppliers do not lift the material within a week and replace it immediately then Hafed will be at liberty to claim storage charges at the prevalent market rates and make arrangement of the material at the risk and cost of the supply by forfeiting the security amount. Supplier should therefore particularly ensure that the material of correct specification is supplied. The firm will mention the status of authorized signatory who will sign and correspond on behalf of firm and will mention his status viz. Proprietor/partner. They will submit copy of:

- i) Sales Tax/VAT registration certificate.
- ii) Income Tax clearance certificate.
- iii) Prop./Partnership Deed duly attested alongwith the tender.
- iv) Certificate authorizing firm's representative to sign/participate in opening and negotiation of tender (signature duly attested). Certificate of authorized signatory is a must. During negotiations only authorized representative can participate. In this connection it is clarified that one person can represent only one firm.

Non-furnishing of above documents tenderer will be debar for participating in the tender. In case risk purchase is affected for part quantity on behalf of the party, then total tendered quantity shall be reduced to that extent stocks provided by the party. The freight of truck and octroi can be paid by Hafed CFP Rohtak/Saktakhera against specific written request of the supplier for each deal. Entry of truck will be carried only with proper bills and other challan/delivery documents. The supplier shall ensure that each truck driver has proper delivery challan/regular bill of the party with whom deal has been finalized. The specifications of raw material and acceptance of material with variation up to acceptable space range and reject able limitation have been already specified as per the specification sheet enclosed. No relaxation in above shall be permitted while accepting the stock and releasing the payment. In case of variation in the prescribed specification, pro-rata cut will be imposed. Supplier shall ensure the supply of material in sound, serviceable and standard packing. Rice Bran is to be supplied in the standard packing of 50 Kg. in the jute/HDPE bags. The supply, if received, in two packing will be rejected straightway. In case the material is not supplied in sound and serviceable bags then deduction @ Rs. 7/- per bag shall be made in all type of material since the rates of raw material had considerably increased. Therefore supplier should be ensured that material supplied is in sound, leak proof bags. The payment shall be released by Hafed Cattle Feed Plant of Rohtak / Saktakhera. No advance payment shall be made in any case. All remittance / bank charges shall be borne by supplier, if payment is released through Bank draft/RTGS/On-Line transfer.

Balance 10% payment shall be release after receipt of analysis report and other receipt of requisite documents as per tender documents. 10% payment will be withheld in case of requisite documents are not furnished by the party. The supplier will ensure that the ST-14 (Sale Tax form), VAT are also submitted immediately on completion of contract otherwise the balance payment will not be cleared as plant is making tax paid purchases.

12. SECURITY:

The tenderer will deposit the earnest money @ 5% of the total value of the raw material or Rs. One Lakh in lump sum and the same will be converted into security after the tender is allotted. In case the party does not deposit requisite security, then the same shall be recovered from the first consignment of supplies.

13. REFUND OF SECURITY:

Security amount shall be released within 30 days from the date of completion of supplies of the ordered quantity only after successful execution of supplies order in toto. This security shall be forfeited, if the party has not arranged supply of entire ordered quantity of material due to any reason whatsoever after acceptance of the purchase order. The tenderer will deposit the earnest/security for fresh of each tender and no adjustment of money lying with Hafed on any other account whatsoever will be permissible. **The plant will retain 5% of the total value of the ordered placed from the first consignment received from the tenderer, which will be released after completion of the order in all respects.**

14. ARBITRATION:

In case any dispute arises in between the party in connection with the purchases, the matter will be referred for arbitration to the **Managing Director, Hafed or his authorized nominee and his award will be final on both parties.** The purchase committee of Head Office is competent to take spot decision in special circumstances for relaxation amendment in aforesaid terms and conditions and reason for the same shall be recorded in proceedings. In case of any problem coming during supplies of material. The committee can take rational view in totality after considering the prevailing circumstances after going through the terms and conditions, even by consideration some relaxation in terms and conditions under special circumstances.

15. The committee is empowered to increase/decrease the quantity keeping in view the market trend of prices of raw material and availability of stocks against the tendered quantity.

It is certified that I accept the above terms and conditions of the tender document.

Signature of Tenderer
Name:

Date:

Full Address:

PAN No. ;

Mobile No.:

Seal of the firm



**THE HARYANA STATE COOPERATIVE SUPPLY
AND MARKETING FEDERATION LIMITED**
HAFED CATTLE FEED PLANT, ROHTAK (HARYANA) INDIA
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SCHEDULE OF SPECIFICATION

Sr. No.	Name of item	Acceptable specifications		Rejectable specification
1	Mustard Deoiled Cake	1. Moisture 2. Crude Protein 3. C. Fat 4. C. Fibre 5. A.I.Ash	10% Max 38% Min 1% Min 9% Max 2% Max	Above 12% Below 35% Below 0.5% Above 12% Above 3%
2	Mustard Cake (Crude fat Min 7%)	1. Moisture 2. O+A 3. C. Fibre 4. A.I. Ash	10% Max 42% Min 8% Max 2% Max	Above 12% Below 39% Above 10% Above 3%
3	Rice Bran Deoiled (Continuous)	1. Moisture 2. Crude Protein 3. C. Fibre 4. A.I.Ash	10% Max 15% Min 12% Max 5% Max	Above 14% Below 13% Above 16% Above 7%
4	Rice Bran **	1 Moisture 2 Crude Protein 3 C. Fat 4 C. Fibre 5 A.I.Ash	10% Max 12% Min 15% Min 11% Max 4% Max	Above 12% Below 10% Below 13% Above 14% Above 6%
5	Cotton Seed Cake	1. Moisture 2. O+A 3. C. Fibre 4. A.I.Ash	10% Max 30% Min 24% Max 2% Max	Above 12% Below 26% Above 27% Above 3%
6	Cotton Seed Husk	1. Moisture 2. Crude Protein 3. C. Fat 4. C. Fibre 5. A.I. Ash	10% Max 13% Min 3% Min 27% Max 0.5% Max	Above 12% Below 11% Below 2% Above 29% Above 1%
7	Guar Korma	1. Moisture 2. O+A 3. C. Fibre 4. A.I. Ash	10% Max 50% Min 12% Max 1% Max	Above 12% Below 45% Above 15% Above 2.5%
8	Guar Churi	1 Moisture 2 O+A 3 C. Fibre 4 A.I.Ash	10% Max 45% Min 12% Max 1% Max	Above 12% Below 41% Above 15% Above 25%

**** Rice bran is based on fat basis. Rates be quoted on per MT basis with minimum Fat % of 15%. In case of variation in crude fat, the cut may be imposed on actual fat received. Quality cut will be made on per point of fat rate. No premium will be allowed on higher %age of fat.**

Sr. No.	Name of Item	Acceptable specifications		Reject able Specification
9	Ground Nut Cake (Crude fat Min 7%)	1. Moisture 2. O+A 3. C. Fibre 4. A.I. Ash	10% Max 47% Min 10% Max 2.5% Max	Above 12% Below 44% Above 12% Above 3.5%
10	Ground Nut Extraction	1. Moisture 2 O+A 3 C. Fibre 4 A.I.Ash	9% Max 45% Min 11% Max 2.5% Max	Above 12% Below 41% Above 14% Above 3.5%
11	Soya bean Ext.	1. Moisture 2. O+A 3. C. Fibre 4. A.I.Ash	10% Max 50% Min 6% Max 1% Max	Above 12% Below 45% Above 10% Above 2%
12	Barley Sprout	1. Moisture 2. Crude Protein 3. C. Fibre 4. A.I.Ash	10% Max 24% Min 18% Max 2% Max	Above 12% Below 20% Above 20% Above 3%
13	Gram Husk	1. Moisture 2. Crude Protein 3. C. Fibre 4. A.I. Ash	10% Max 3% Min. 50% Max. 1% Max	Above 12% Below 2% Above 55% Above 1.5%
14	Wheat Bran	1. Moisture 2. O+A 3. C. Fibre 4. A.I.Ash	10% Max 15% Min 13% Max 05% Max	Above 12% Below 13% Above 15% Above 1%
15	Maize	1. Moisture 2. Colour	10% Max Red/Yellow	Above 12%
16	Common Salt	1. Moisture 2. Sodium 3. Chloride	6% Max 94% Min	Above 10% Below 90%
17	Thin barley/damaged wheat	1. Moisture 2. Sound grain	10% Max 75% Min	Above 12% Below 70%
18	Lime Stone Powder	1. Moisture 2. M.G.O. 3. A.I. Ash 4. CaCO ₃ 5. Mesh	3% Max 0.5% Min 1% Max 98% Min 90% should pass through 200 mash is-sieve	Above 6% Above 2% Above 3% Below 90% Below 85%
19	Cane molasses	1.Barixs 2. Ash, sulphated, % by mass calculated for 100 degree brixs) 3. Total reducing matter as invert sugar % by mass	80% Max. 17.5% 44%	Below 75% - -

Sr.No.1 to 14 on dry basis except moisture.

Sr. No.	Name of Item	Acceptable specifications		Reject able Specification
20	Gram Churi	1. Moisture 2. Crude Protein 3. C. Fat 4. C. Fibre 5. A.I. Ash	10% Max 18% Min. 3.5 % Min 12% Max. 0.8 Max	Above 12% Below 16% Below 2.5% Above 14.% Above 1.5
21	Barley	1. Moisture 2. TCW	10% ax 40 Min	Above 14% Below 38
22	Gram / Oats	1. Moisture 2. Sound Grain	10% Min	Above 13%
23	Vitamin AD3	Vitamin A D3	50000 IU 10000 IU	
24	DCP manufactured from rock phosphate (Animal feed grade) strictly as per IS: 5470:2000			
25	Mineral Mixture Cattle (Type-II) strictly as per IS:1664: 2002.			

24. HAFED PACKING MATERIAL SPECIFICATION

Sr. No.	Name of Item	Standard Specifications	Acceptable Specification (Individual)
1.	HDPE /PP Bags 50 kg Yellow	1. Size =24"x40" (Inside) 2. Weight =130 gms 3. Strength= 87 kgf 4. Mesh in One Inch =11x11 5. Tape Width =2.5 mm 6. Printing= Both side in Hindi with Red Colour.	+ - 3% + - 3% - - -
2.	HDPE /PP Bags 50 kg White VITA	1. Size =24"x40" (Inside) 2. Weight =130 gms 3. Strength =87 kgf 4. Mesh in One Inch =11x11 5. Tape Width =2.5 mm 6. Printing = Both side in Hindi with Green Colour	+ - 3% + - 3% - - -
3.	HDPE /PP Bags 40 kg Yellow	1. Size = 24"x35" (Inside) 2. Weight = 115 gms 3. Strength = 87 kgf 4. Mesh in One Inch =11x11 5. Tape Width = 2.5 mm 6. Printing = Both side in Hindi with Green Colour.	+ - 3% + - 3% - - -

4.	HDPE /PP Bags 40 kg White Superior Cattle Mesh	1. Size = 24"x35" (Inside) 2. Weight = 115 gms 3. Strength = 87 kgf 4. Mesh in One Inch =11x11 5. Tape Width = 2.5 mm 6. Printing = Both side in Hindi with Red Colour.	+ - 3% + - 3% - - -
5.	HDPE /PP Bags 40 kg Green Superior Pusha Mesh	1. Size = 24"x35" (Inside) 2. Weight = 115 gms 3. Strength = 87 kgf 4. Mesh in One Inch =11x11 5. Tape Width = 2.5 mm 6. Printing =Both side in Hindi with Red Colour.	+ - 3% + - 3% - - -

Note: Average weight of sample drawn: 130 gms +3% -0%

Average weight of sample drawn: 115 gms +3% -0%

Tolerance in average weight of the samples drawn would however be only + 3% (plus Three Percent) -0% (minus Zero percent) - No negative tolerance , whatsoever in the average weight Of the samples drawn will be accepted.

Annexure-III

Specification of Mineral Salts for manufacture of Mineral Mixture

Sr. No.	Item Name	Specification		Cut off Level of acceptance	Percent AlA/Silica (Maximum)
		Element	Percent Mineral		
1	Dried Ferrous Sulphate	Iron Min	Fe: 30.00 (Min.)	28.50	2.00
2	Calcined Magnesite (Natural Magnesium Oxide)	Magnesium Min.	Mg: 52.00 (Min)	50.00	2.00
3	Copper Sulphate (Anhydrous)	Cooper Min.	Cu: 30.00 (Min)	28.00	2.00
4.	Dried Zinc Sulphate (Monohydrate)	Zinc Min.	Zn: 33.00 (Min)	30.00	2.00
5	Manganese Sulphate (Anhydrous)	Manganese Min	Mn: 31.00 (Min)	27.00	1.00
6	Potassium Iodide	Iodine Min	I: 76.00 (Min)	75.00	1.00
7	Cobalt Sulphate	Cobalt Min	Co: 20.00 (Min)	19.00	1.00
8	Calcite Powder	Calcium Min	Ca: 37.00 (Min)	36.50	3.00
		Total Ash	56 to 58		

1. All the materials should be in ground/powder form and free following. Goods with lumps formation will not be accepted.
2. Material should be packed in water proof laminated bags with proper material details printed on the bags.
3. Trace Minerals /salts of commercial grade should conform to aforesaid standards and specifications.
4. No premium shall be paid for extra nutrients.
5. For sample analysis, NDDB Laboratory at Anand (Gujrat) will be binding in the contract for both the parties.