

**Bid Identification No. 07 /MM/CFP /XXXXIV/ 2018-2019**

## **TENDER CALL NOTICE**

**FOR**

**PURCHASE OF CATTLE FEED RAW MATERIALS**  
**FOR THE CATTLE FEED PLANT LOCATED AT**  
**RADHADAMODARPUR & JAGANNATHPUR**  
**(APRIL & MAY)**

**AND**

**MINERAL MIXTURE INGREDIENTS, DEER MASH RAW**  
**MATERIALS**

**FOR THE CATTLE FEED PLANTS AT**  
**RADHADAMODARPUR**  
**(01.04.2018 to 31.03.2019)**



**ESTIMATED TENDER VALUE: Rs 13, 98, 52,000.00**

**MM DIVISION, OMFED, BHUBANESWAR**

**The Orissa State Cooperative, Milk Producers' Federation Ltd.**  
**D-2, SAHID NAGAR, BHUBANESWAR-751 007.**  
**Ph No- 2546030/2540273/2540417, Fax No (0674)2540974, Email – omfed@yahoo.com**

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The Orissa State Cooperative, Milk Producers' Federation Ltd.

D-2, SAHID NAGAR, BHUBANESWAR-751 007.

Ph No- 2546030/2540273/2540417, Fax No (0674)2540974, Email – omfed@yahoo.com

**Tender Notice for Purchase of Cattle Feed Raw Materials**

**Bid Identification No. 07 /MM/CFP/XXXXIX/ 2018-2019**

1. OMFED invites e- Tender from reputed Manufacturing Units/ brokers / Suppliers for supply of Cattle Feed Raw Materials i.e. De-Oiled Rice Bran, Rice Polish, De-Oiled Cotton Seed Cake, Distiller's Dried Grain Solution, De-Oiled Mustard Cake, Guar Korma, Calcite Powder, Common Salt for the month of April'2018 and May'2018.

And also

for Soybean Extraction, Kulthi, Artificial Sweetener, Lacto Vanilla, Vitamin AD 3, Mineral Mixture Ingredients i.e Di-Calcium Phosphate, Calcite Powder and Zinc Sulphate from 01.04.2018 to 31.03.2019. e- Tender is invited on-line through 'e'-procurement of Govt. of Odisha web Portal <https://tendersorissa.gov.in>. The bidders should have the necessary portal enrolment with his own Digital Signature Certificate.

2. The bidders are required to submit bids for the following items.

Sl. No	Name of work	Cost of tender paper. (Rs.)	Estimated Cost (Rs)	Availability of Tender for online bidding		Date of opening	Bid Security (Rs.)	Period of Completion
				5	6			
1	2	3	4	From	To	7	8	10
01	Suppliers for supply of Cattle Feed Raw Materials i.e De-Oiled Rice Bran, Rice Polish, De-Oiled Cotton Seed Cake, Distiller's Dried Grain Solution, De-Oiled Mustard Cake, Guar Korma, Calcite Powder, Common Salt for the month of April'2018 and May'2018.  And also  Soybean Extraction, Kulthi, Artificial Sweetener, Lacto Vanilla, Vitamin AD 3, Mineral Mixture Ingredients i.e Di-Calcium Phosphate, Calcite Powder and Zinc Sulphate from 01.04.2018 to 31.03.2019.	Rs 500/- +12% VAT  =Rs:560.00  In shape of separate Demand Draft Payable at Bhubaneswar	13,98,52,000.00	19.03.2018 on 10.00A.M	09.04.2018 on 5.00P.M	12.04.2018 on 3.30 P.M.	2% of quoted value	02 (Two)  calendar months for Cattle Feed Raw Materials and also  12 ( Twelve) Calendar months for Deer Mash Raw Materials, Artificial Sweetener, Lacto Vanilla, Vitamin AD 3 and Mineral Mixture Ingredients

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3. Bid documents consisting of specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents are available on Portal: <https://tendersorissa.gov.in>. The corrigendum/amendment to this notice if required shall be published only in the OMFED web site <https://www.omfed.com> and will not be published again in news paper.

4. The **Bid documents will be available** in the website: <https://tendersorissa.gov.in> from **10.00 AM of 19.03.2018 to 5.00 PM of 09.04.2018** for online bidding.

5. The tender paper cost / EMD in the form of D/D in original and Photo Copy of **GST, PAN, Registration Certificate, Experience Certificate, other documents as per DTCN** shall have to be deposited in sealed envelope within 4.00 P.M. from 10.04.2018 to 11.04.2018 at the OMFED Corporate office, Bhubaneswar, during working days.

6. Non submission of cost of bid document and EMD within the period shall debar the party from participating in the online bidding system and his portal registration shall be cancelled. His name shall also be informed to the registering authority for cancellation of his registration.

7. Bids shall be received only "on line" on or before 5.00 PM of 09.04.2018.

8. Bids received on line shall be opened at 3.30 P.M. on 12.04.2018 at OMFED Corporate office in the presence of the bidders. Bidders who participated in the bid can witness the opening of bids after logging on to the site through their DSC. If the office happens to be closed on the last date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.

09. The bids of the technically qualified bidders will be opened for evaluation of the price bid.

10. It is for the information of all concerned, that EMD is binding for all participants i. e. 2% of quoted value.

11. The cost of bid documents & EMD in demand draft issued from any Nationalized/ Scheduled Bank may be prepared in favour of OMFED, payable at Bhubaneswar.

12. Other details are available in the bidding documents.

13. Any corrigendum / Addendum will be displayed in the OMFED website <https://www.omfed.com>

14. The management reserves the right to cancel any or all bids without assigning any reason.

**Managing Director  
OMFED**

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## **Check list**

**CHECKLIST TO BE ENSURED BY THE BIDDER BIDDERS MUST ENSURE THAT ALL ESSENTIAL DOCUMENTS ARE ATTACHED WITH THE TENDER DOCUMENT. FOR THE EASE OF THE BIDDERS, AN INDICATIVE CHECKLIST IS PROVIDED BELOW BEFORE SUBMITTING THE TENDER,:-**

1. Tender cost
2. Required EMD.
3. Duly filled, sealed and signed on every page of tender documents and other supporting documents.
4. Turnover certificate /financial statement certified by a Chartered Account.
5. I.T. returns for F.Y. 2016-17.
6. Sales Tax return for the F.Y.2016-17.
7. Client list.
8. Name /address/ Mobile No. /Email Id. for correspondence.
9. Contact person and his phone no.
10. Registration certificate with MSME/NSIC/KVIC if exemption in EMD is requested.
11. GST Registration Certificate.

## **PART – I : TECHNICAL BID**

E- Tenders are invited from Manufacturing Units/ Brokers/ Suppliers having minimum turn over as mentioned in the table below ,for supply of Cattle Feed Raw Materials to our Cattle Feed Plants situated at Radhadamodapur, Khuntuni,Athgarh, Dist: Cuttack and at Jagannathpur, Near Phulnakhara Dist: Khorda for the month of April'2018 and May'2018.

### **(A) Consolidated Item wise eligibility, Turnover, EMD and total quantity to be delivered at both the Cattle feed Plants(01.04.2018 to 31.05.2018)**

<b>Sl. No</b>	<b>Name of the Item</b>	<b>Required Qty (in MT)</b>	<b>E.M.D in Rs.</b>	<b>Turnover in Rs.</b>
01.	De-Oiled Rice Bran	<b>1400</b>	2% of Quoted Rate	2,50,00,000.00
02.	Rice Polish	<b>300</b>	2% of Quoted Rate	1,00,00,000.00
03.	Distiller's Dried Grain Solution(RICE)	<b>900</b>	2% of Quoted Rate`	2,50,00,000.00
04.	De-Oiled Cotton Seed Cake	<b>900</b>	2% of Quoted Rate`	2,50,00,000.00
05.	De Oiled Mustard Cake	<b>700</b>	2% of Quoted Rate`	2,50,00,000.00
06	Guar Korma	<b>200</b>	2% of Quoted Rate`	80,00,000.00
07.	Calcite Powder for Cattle Feed	<b>115</b>	2% of Quoted Rate	20,00,000.00
08.	Common Salt	<b>132</b>	2% of Quoted Rate`	10,00,000.00

### **(B) ITEMS FOR ARTIFICIAL SWEETENER,LACTO VANILLA, VITAMIN AD 3,SOYBEAN EXTRACTION, KULTHI AND MINERAL MIXTURE INGREDIENTS.**

#### **Item wise eligibility, Turnover, EMD and quantity to be delivered at Cattle feed Plant, Radhadamodarpur(01.04.2018to 31.03.2019)**

<b>Sl. No</b>	<b>Name of the Item</b>	<b>Required Qty</b>	<b>E.M.D in Rs.</b>	<b>Turnover in Rs.</b>
01	Artificial Sweetener	<b>2500 Kg</b>	2% of Quoted Rate	50,00,000.00
02	Lacto Vanilla	<b>2000 Kg</b>	2% of Quoted Rate	25,00,000.00
03	Soybean Extraction	<b>80 MT</b>	2% of Quoted Rate	10,00,000.00
04	Kulthi	<b>120 MT</b>		30,00,000.00
05	Calcite Powder for Mineral Mixture	<b>125 MT</b>	2% of Quoted Rate	20,00,000.00
06	Di-Calcium Phosphates	<b>325 MT</b>	2% of Quoted Rate	2,00,00,000.00
07	Zinc Sulphate	<b>21 MT</b>	2% of Quoted Rate	15,00,000.00
08	Vitamin AD 3	<b>20 Kg</b>	2% of Quoted Rate	15,00,000.00

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## GENERAL TERMS & CONDITIONS:-

### **1.0 Eligibility and Qualification requirements:-**

- 1.1 This invitation to bid is open to all eligible bidders.
- 1.2 To be eligible for the award of contract, the bidders shall provide evidence satisfactory to the Orissa State Cooperative Milk Producers' Federation Limited for their eligibility, their capacity and adequacy of resources to carry out the contract effectively.

### **2.0 Price basis:**

#### **2.1 For supply:**

The quoted prices for the material shall be on FOR destination basis, inclusive of all taxes & duties, packing & forwarding charges, transportation, insurance and other incidental charges, loading charges etc. as applicable.

Bidders are required to quote unit rates of all items to be supplied for the purpose of the contract.

### **3.0 Bid Security (Earnest Money Deposit)**

- 3.1 Pursuant to clause 8, the Bidder shall furnish, as part of its bid, **bid security of 2% (Two percent) of the total bid value.**
- 3.2 The bid security is required to protect the OMFED against the risk of bidder's conduct, which may warrant the forfeiture of bid security.
- 3.3.1 The bid security shall be in the following form:
- (a) A demand draft in favour of THE ODISHA STATE CO-OPERATIVE MILK PRODUCERS' FEDERATION LTD., Payable at Bhubaneswar.
- 3.3.2 Unsuccessful bidder's bid security will be discharged/returned as promptly as possible but not later than 30 days after the expiry of the period of bid validity.
- 3.4 The bid security may be forfeited:
- (a) If a bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form; or
- (b) In the case of successful bidder, if the bidder fails to execute the supply.

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#### **4.0 Period of validity of bids**

- 4.1 Bids shall remain valid for 60 days after the date of bid opening, stated in the cover page/ tender notice for Cattle Feed Raw Materials and up to 31.03.19 for all other items i.e. Soybean Extraction, Kulthi, Artificial Sweetener, Lacto Vanilla, Vitamin AD 3, Mineral Mixture ingredients, i.e Di-Calcium Phosphate, Calcite Powder and Zinc Sulphate.

#### **5.0 AWARD CRITERIA**

- 5.1 The OMFED will consider award of contract to the successful bidder whose bid have been determined to be substantially responsive and have been determined as the lowest quoted bid, who is determined to be qualified for satisfactory performance of the contract.

#### **6.0 OMFED'S RIGHT TO VARY QUANTITIES AT TIME OF AWARD.**

The OMFED reserves the right to increase or decrease the quantity of material specified in the schedule of requirements without any change in unit price or other terms and conditions. After issuing order OMFED may also cancel the whole or part thereof depending on requirement of the material during the contract period.

#### **7.0 PARTICIPATING IN THE BID IN THE E-PROCUREMENT PORTAL:**

The Bidder intending to participate in the bid is required to register in the Portal with some information about the firm. This is a onetime activity for registering in Portal. During registration, the contractor has to attach a Digital Signature Certificate (DSC) to his / her unique user ID. The DSC used must be of appropriate class (Class II or Class III) issued from a registered Certifying Authority such as n-Code, Sify, TCS, and MTNL etc.

- a) To log on to the portal the Bidder is required to type his/her username and password. The system will again ask to select the DSC and confirm it with the password of DSC. For each login, a user's DSC will be validated against its date of validity and also against the Certificate Revocation List (CRL) of respective CAs stored in system database. The system checks the unique ID, password and DSC combination and authenticates the login process for use of portal.
- b) The tender documents uploaded by the Tender Inviting Officer in the website [www.tendersorissa.gov.in](http://www.tendersorissa.gov.in) will appear in the section of "Upcoming Tender" before the due date of tender sale. Once the due date has arrived, the tender will move to "Active Tender" Section of the homepage. Only a small notification will be published in the newspaper specifying the work details along with mention of the specific website for details. The publication of the tender will be for specific period of time till the last date of submission of bids as mentioned in the 'Invitation for Bid' after which the same will be removed from the list of Active tenders. Any bidder can view or download the bid documents from the web site.
- c) Bidder exempted from payment of EMD will be able to participate in the tender directly by uploading documentary evidences towards his eligibility for such exemption.



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- d) If the software application has the provision of payment of cost of tender document through payment gateways of authorized bankers by directly debiting the account of the bidders, bidders will be required to avail on-line payment.
  - 1.1. The bidder intending to participate in the bid on-line shall prepare the demand draft towards cost of bid as per IFB (except for exempted bidders) and up load the scanned copy of the draft to the portal against the bid where he is participating and the original shall be deposited to the tender inviting officer within the period specified in the "Invitation For Bid". If the Bidder fails to deposit the original demand draft towards cost of bid within the stipulated time his bid shall be rejected and action as per prevailing rule shall be taken.
  - 1.2. In the case of any failure, malfunction, or breakdown of the electronic system used during the e-procurement process, the tender inviting officer shall not accept any responsibility for failures or breakdowns other than in those systems strictly within their own control.
  - 1.3. Any third party/company/person under a service contract for operation of e-procurement system in the State or his/their subsidiaries or their parent companies shall be ineligible to participate in the procurement processes that are undertaken through the e-procurement system irrespective of who operates the system.
  - 1.4. The EMD of successful bidders will be kept as Security Deposit. The Security Deposit of the Supplier will be forfeited at any time when the supplier fails to meet the delivery schedule , quality parameters or service quality.
  - 1.5 Request for adjustment of EMD from the pending payment shall not be entertained.
  - 1.6 The Security Deposit will be refunded to the Supplier on a written request after satisfactory completion of delivery of the materials.

## **8.0 QUANTITY**

The quantity required mentioned in the Tender document is totally tentative. OMFED may increase or decrease the quantity according to the requirement. Plant Manager of the respective Plants will issue Raw Material Delivery Schedule to supplier according to the requirement only. On the basis of report from the Plant Manager OMFED may cancel delivery for any balance quantity if not required by OMFED.

## **9.0 PRICE BASIS**

(i) The bidder should quote their rates for the entire quantity of any material as per specifications and the rate shall remain valid till completion of the delivery period given against respective items. The rates must be on Nett weight (Gunny free), inclusive of all Taxes, Transportation and loading charges F.O.R. Delivery at OMFED Cattle Feed Plant, Jagannathpur, Khurda & Radhadamodarapur, Cuttack.

(ii) However OMFED will make labour arrangement for unloading of the material at Cattle feed plant,Radhadamodarapur and deduct the prevailing unloading charges at

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the time of unloading (rate at present Rs.65.90 per MT) fixed by OMFED from the bills of the supplier during final bill settlement.

(iii)OMFED will also make labour arrangement for unloading of the material at Cattle feed Plant, Jagannathpur and the supplier has to make payment for unloading charges at the time of unloading directly (rate at present Rs.93.07 per MT) fixed by OMFED and no deduction from the bills of the supplier will be made at the time of final bill settlement.

## **10.0 QUALITY**

Goods/Materials should be fresh, free from adulterants, insects, fungus, infestation, rancidity and undesirable & objectionable odours. It should also be free from dirt and extraneous matter including iron and metallic pieces.

**11.0 SPECIFICATIONS:** The specifications mentioned against each item required, should be strictly followed. Any deviation found from the specifications will be subject to deductions as per rebate/premium rules of the Federation.

**12.0 DELIVERY OF MATERIALS:** Purchase Order will be placed. for required quantity to be delivered during the specified period. The Plant Managers of both the Cattle Feed Plants will provide delivery schedule to the approved suppliers on the basis of which the Suppliers have to deliver the materials at both the Cattle Feed Plants. Any delay in supply will lead to forfeiture of EMD and risk purchase will be made at Suppliers cost along with penalty as per Purchase Order terms & Conditions. The packing size of each bag should be uniform.

**13.0 SAMPLE ANALYSIS:** (i) The samples from each bag of consignment will be taken by our Laboratory personnel in presence of your authorized representative or the driver of the truck on the arrival of goods.

(ii) The samples will be mixed thoroughly and to be kept in 4 different parts which should be jointly sealed by our Animal Nutrition Officer and the representative of the supplier.

(iii) First sample will be tested in the Plant Laboratory and 2nd sample must be collected by the Supplier for testing at his own cost.

(iv)The result of the first sample will be communicated by our Plant to the Supplier and if he agreed to our Laboratory reports then payment will be made on the basis of our report. In case the analysis report of OMFED is not acceptable to the supplier, then he may go for 2<sup>nd</sup> test in any of the independent Laboratory, approved by OMFED and submit the report.

(v) The Federation may accept the result or else go for 3<sup>rd</sup> test in any of the independent Laboratory and the mean of the nearest two results will be considered as final and binding.

**14.0 PAYMENT:** The normal payment term of the Federation is 100% on quality analysis reports of materials. All the payments will be made through RTGS/NEFT only within 50 days of acceptance and receipt of Certificate of material receipt and Test report of the materials from the concern Plants for Cattle Feed Raw Materials and for Mineral Mixture Ingredients which are being tested at NDDB payment will be made after receiving the CMR along with test report from the Cattle Feed Plant. Payments are likely to be held up if quality of the

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material found to be substandard. In these cases suppliers must arrange for lifting back rejected material at their own cost within 07 days.

**15.0 Required documents to be submitted:-**

16.1) Tender document cost of Rs.560.00 and fresh EMD for each item as mentioned at page no. 6 & 7 of this tender document.

16.2) Income Tax return for the Financial Year 2016-17 & Sales Tax return for the financial year 2016-17 must be submitted.

16.3) Turn over certificate from Chartered Accountant or latest Audited Financial result must be submitted in support of required turn over as specified in the table.

16.4) On Top of each sealed envelope, Name of the item/ Material, Technical Bid should be super scribed.

16.5) All the documents should be self attested and sealed.

16.6) The photo copy of GST registration certificate may be attached.

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### **OTHER TERMS & CONDITIONS OF THE TENDER:-**

- 1) The documents shall be sealed and addressed to the Managing Director, The Odisha State Cooperative Milk Producers Federation Ltd., D-2, Sahid Nagar, Bhubaneswar – 751 007 in block capital letter clearly indicating the tender reference at the top of the envelope.
- 2) For price comparison, applicable GST/IGST will be taken in to consideration.
- 3) The Bidders must enclose the list of clients to whom they have supplied items during last one year.
- 4) The Bidders shall not be allowed to use his own discretion regarding the quantity to be supplied, the period of supply, regarding rates or for that matter any other request in any respect once participated in the Tender process.
- 5) The terms and conditions mentioned in the Tender documents shall govern all the tender process.
- 6) On finalization of the rate and quantity order shall be issued to the supplier to supply the materials as per specification. The quantity & period of delivery may be increased/decreased as per the discretion of the Managing Director, OMFED. The acceptance copy of the order must be sealed and signed by the bidder as token of his confirmation to supply. If the order is revoked by the supplier in any case the EMD is liable to be forfeited.
- 7) The bidder shall deposit **EARNEST MONEY** in shape of Demand Draft drawn in favour of **OMFED payable at Bhubaneswar**. Any tender not accompanied with EMD shall be liable for rejection..
- 8) Co-Operatives, Govt. bodies, NSIC and MSME registered firms are exempted from submitting required EMD..
- 9) The EMD of the unsuccessful bidder will be refunded on receipt of written request letter within 30 days through RTGS/NEFT.
- 10) Defaulters in earlier supplies to OMFED or Black listed by OMFED or anywhere in the country are not allowed to participate in the Tender.
- 11) The Managing Director, OMFED reserves the right to accept/reject any or all the bids without assigning any reason thereof.
- 12) OMFED reserves the right to increase or decrease the quantity of the tendered items or period of delivery as per the requirement of the Federation
- 13) OMFED reserves the right to select one or more firms for supply of tendered item(s) for operational flexibility, Consistent and regular supplies etc. Normally this shall be done at the rates of the qualified lowest bidder for which the lowest bidder shall not be compensated. OMFED may decide to allot lower quantities to bidders whose supplies as approved suppliers have not been consistently found to be

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conforming to the quality/service and specifications during the operation of past orders.

14) OMFED in its own interest may opt for any other procurement mode/system simultaneously along with this e-Tender process if required without assigning any reason thereof.

15) In case of any doubt of dispute relating to the interpretations of this Tender Document, the decision of the Managing Director, OMFED shall be final and binding on both the parties.

**Managing Director**

**OMFED**

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## **SPECIAL CONDITION OF CONTRACT**

**Specification and deduction schedule may be referred below at Annexure –  
A&B**

**(Specifications and rebate structure for cattle feed raw materials)**

### **ANNEXURE-A**

#### **1. De-oiled rice bran (DORB)**

##### **Guarantee:**

Moisture 10.0 % (Max.)

Crude protein 15.0 % (Min.)

Crude fibre 13.0 % (Max.)

Silica 5.0 % (Max.)

##### **Rebate conditions:**

- 1) For decrease in crude protein rebate will be @ 2% per unit below 15% up to 13% of crude protein and thereafter deduction will be @ 4% per unit up to 11% of crude protein. Goods found below 11% crude protein are rejectable.
- 2) For increase in fibre above 13%, rebate @ 1% per unit up to 15% of fibre and there after deduction will be made @ 2% per unit up to 18% of fibre. Goods having more than 18% fibre are rejectable.
- 3) Deduction will be made @ 2% per unit if silica is found more than 5.0% but up to 6%. There after deduction will be made @ 3% per unit up to 8% silica. Goods are rejectable if silica is found more than 8%.
- 4) For increase in moisture, rebate will be @ 1% per unit up to 12%. Goods are rejectable, if moisture is found above 12%.

**2. Rice polish fine– Grade I**

**Guarantee:**

Moisture 10.0 % (Max.)

Crude protein 13.0 % (Min.)

Crude fat 16.0% (Min.)

Crude fibre 10.0 % (Max.)

Silica 5.0 % (Max.)

**Rebate conditions:**

- 1) For decrease in crude protein rebate will be @ 2% per unit below 13% up to 12% of crude protein and thereafter deduction will be @ 4% per unit up to 10% of crude protein. Goods found below 10% crude protein are rejectable.
- 2) For decrease in crude fat rebate will be @ 6.25% per unit up to 12% of fat. Goods are rejectable if crude fat is found less than 12%.
- 3) For increase in fibre above 10%, rebate @ 1.0% per unit up to 12% of fibre and there after deduction will be made @ 2.0% per unit up to 14% of fibre. Goods having more than 14% fibre are rejectable.
- 4) Deduction will be made @ 1% per unit if silica is found more than 5.0% but up to 6%. There after deduction will be made @ 2% per unit up to 8% silica. Goods are rejectable if silica is found more than 8%.
- 5) For increase in moisture, rebate will be @ 1% per unit up to 12%. Goods are rejectable, if moisture is found above 12%.

**4. De-Oiled Cotton Seed Cake(DOCSC)**

**Guarantee:**

Moisture	10.0 % (Max.)
Crude protein	37.0 % (Min.)
Crude fibre	14.0 % (Max.)
Silica	2.5 % (Max.)

**Rebate conditions:**

- 1) For decrease in crude protein rebate will be @ 1% per unit below 37% up to 35% of crude protein and further deduction @ 2% per unit up to 33% of crude protein. Goods having less than 33% crude protein are rejectable.
- 2) For increase in fibre rebate @ 1% per unit up to 14% up to 16% of fibre. Goods having more than 16% fibre are rejectable.
- 3) Deduction will be made @ 1% per unit if silica found more than 2.5% but up to 3%. There after deduction will be made @ 2% per unit up to 5% silica. Goods are rejectable if silica is found more than 5%.
- 4) Moisture is acceptable up to 12% with single rebate. Goods are rejectable, if moisture is found above 12%.



**5. Rapeseed Meal /Mustard Extraction (DOMC)**

**Guarantee:**

Moisture	10.0 % (Max.)
Crude protein	37.0 % (Min.)
Crude fibre	12.0 % (Max.)
Silica	2.5 % (Max.)

**Rebate conditions:**

- 1) For decrease in crude protein rebate will be @ 2.5% per unit below 37% up to 36% of crude protein and further deduction @ 3% per unit up to 34% of crude protein. Goods having less than 34% crude protein are rejectable.
- 2) For increase in fibre rebate @ 1% per unit up to 15% of fibre. Goods having more than 15% fibre are rejectable.
- 3) For the increase in silica rebate @ 1% per unit up to 3% silica. Further deduction @ 2% per unit for the increase in silica from 3 to 5%. Goods are rejectable if silica is above 5%.
- 4) Moisture is acceptable up to 12% with single rebate. Goods are rejectable, if moisture is found above 12%.

**6. Guar Korma**

**Guarantee:**

Moisture	10.0 % (Max.)
Crude protein	50.0 % (Min.)
Crude fibre	8.0 % (Max.)
Silica	1.0 % (Max.)

**Rebate conditions:**

- 1) For decrease in crude protein content, there will be rebate @ 1 % per unit up to 49 %. There after rebate will be @ 2% per unit up to 48% and @ 3% per unit up to 47% of crude protein. If crude protein is found below 47%, the material is rejectable.
- 2) For increase in fibre rebate @ 2% per unit from 8 to 9% of fibre and further deduction @ 3% up to 10% fibre. Goods having more than 10% fibre are rejectable.
- 3) For increase in silica rebate @ 1% per unit above 1% up to 2% of silica. Goods having more than 2% silica are rejectable.
- 4) Moisture is acceptable up to 12% with single rebate. Goods are rejectable, if moisture is found above 12%.

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## **ANNEXURE-A**

### **7. Calcite Powder for Cattle Feed**

#### **Guarantee:**

Moisture	03.0 % (Max.)
Calcium	36.0 % (Min.)
Sand Silica	1.0 % (Max.)

#### **Rebate conditions:**

1) For increase in moisture content, there will be rebate @ 1 % per unit up to 4%. There after rebate will be @ 2% per unit up to 5%. If moisture content is found above 05%, the material is rejectable.

2) For decrease in Calcium rebate @ 1% per unit from 36 to 34% of Calcium. There after rebate will be @ 2% per unit up to 32% of Calcium. There after rebate will be @ 3% per unit up to 30% of Calcium. Goods having less than 30% Calcium are rejectable.

3) For increase in silica rebate @ 1% per unit above 1% up to 2% of silica. Than @ 2% per unit up to 3% of silica. Goods having more than 3% silica are rejectable.

**8. Common Salt**

**Guarantee:**

Moisture            02.0 % (Max.)

Purity                98.0 % (Max.)

**Rebate conditions:**

1) For increase in moisture content, there will be rebate @ 1 % per unit up to 4%. If moisture content is found above 04%, the material is rejectable.

2) For decrease in purity rebate @ 1% per unit from 98 to 96% of purity. Goods having less than 96% purity are rejectable.

**10. Distiller's Dried Grain Solution(Rice) :-**

**Guarantee:**

Moisture	10.0 % (Max.)
Crude protein	37.0 % (Min.)
Crude Fat	6.0 % (Min.)
Crude fibre	06.0 % (Max.)
AIA	1.5 % (Max.)

**Rebate conditions:**

- 5) For increase in moisture, rebate will be @ 1% per unit up to 12%. Goods are rejectable, if moisture is found above 12 %.
- 6) For increase in Crude protein rebate will be @ 2% per unit up to 35% . Goods having less than 35% crude protein are rejectable.
- 7) For decrease in Crude Fat rebate will be @ 1% per unit up to 8% . Goods having more than 08% crude Fat are rejectable
- 8) For increase in fibre @ 1% per unit up to 8% of fibre. Goods having more than 8% are rejectable.
- 9) Deduction will be made @1% per unit if silica is found more than 2.5% but up to #%. There after deduction will be made @ 2% per unit up to 5% silica. Goods are rejectable if silica is found more than 5%.

**1. Soybin Extraction:**

**Guarantee:**

Moisture	10.0 % (Max.)
Crude protein	44.0 % (Min.)
Crude fibre	06.0 % (Max.)
Silica	2.5 % (Max.)

**Rebate conditions:**

- 10) For increase in moisture, rebate will be @ 1% per unit up to 12%. Goods are rejectable, if moisture is found above 12 %.
- 11) For increase in Crude protein rebate will be @ 1% per unit below 44% up to 42% of crude protein and there after deduction will be @ 2% per unit up to 40% of crude protein. Goods having less than 40% crude protein are rejectable.
- 12) For increase in fibre above 60%, rejectable @ 1% per unit up to 8% of fibre. Goods having more than 8% are rejectable.
- 13) Deduction will be made @1% per unit if silica is found more than 2.5% but up to #%. There after deduction will be made @ 2% per unit up to 5% silica. Goods are rejectable if silica is found more than 5%.

**2. Kulthi :-**

**Guarantee:**

Moisture	10.0 % (Max.)
Infestation	5.0% (Max.)
Dust and other particles	1.0% (Max.)

**Rebate conditions:**

- 1) For increase in infestation, rebate @ 1% per unit up from 5 to 10% of infestation and there after deduction will be made @ 2% per unit up to 20% of infestation and @ 3% per unit up to 30% of infestation. Goods having more than 30% infestation are rejectable.
- 2) For increase in dust and other particles, rebate @ 1% per unit up from 1 to 2% of dust and other particles and further @ 2% per unit up to 3% of dust and other particles. Goods having more than 3% of dust and other particles are rejectable.
- 3) Moisture is acceptable up to 12% with rebate @ 1% per unit and there after @ 2% per unit up to 14% of moisture. Goods are rejectable, if moisture is found above 14%.

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## **ANNEXURE-B**

### **(Specifications and rebate structure for Mineral Mixture)**

#### **3. Calcite Powder:-**

<b>Sl.No.</b>	<b>Parameter</b>	<b>Requirement</b>
01	Calcium (%),Min.	37.0
02	Total Ash (%)	56 – 60
03	Acid Insoluble Ash (%), Max.	3.0
04	Fluorine (%), Max.	0.01

#### **4. Mineral Salt:-**

<b>Sl.No.</b>	<b>Mineral Salt</b>	<b>Specification ( %Minimum)</b>
03	<b>Zinc Sulphate</b>	Zn:33.0

#### **5. Di-Calcium Phosphate (DCP) Animal Feed Grade:-**

<b>Sl.No.</b>	<b>Parameter</b>	<b>Requirement (IS 5470:2002)</b>
01	Moisture (%), Max.	5.0
02	Calcium (%), Min.	23.0
03	Phosphorus (%),Min.	18.0
04	Fluorine (%), Max.	0.10
05	Total Ash (%),	73.5 – 78
06	Acid Insoluble Ash (%), Max.	1.0
07	Lead (ppm).Max.	30
08	Arsenic (ppm), Max.	10
09	Odour	Odour less
10	Presence of organic/ proteinous impurities	Nil

#### **6. Vitamin AD3 (Powder Form):-**

##### **Specification:**

500000-100000IU



**7. Artificial Sweetener: - Technical Specification**

The required feed supplement should be 540 times stronger than SUCROS.

- Appearance: - Free flowing white to pale pink, dust free.
- Physical Properties: - (i) Bulk density 0.70 – 0.8 gm/cm<sup>3</sup>.

(ii) Granulation 25 – 125 Microns.

- Inclusion rate: - 90 gm per ton of the feed.
- Performance: - Ensures increased palatability when used in place of molasses.

**8. Lacto Vanilla (Coconut type):- Technical specification:-**

- Appearance:-Free flowing, whitish to pale pink powder, dust free.
- Odour & Aroma:-Lacto vanilla, Coconut & Vanilla aroma.
- Bulk density:-0.47- 0.57 gm/cm<sup>3</sup>.
- Solubility:-Water & oil-dispersible.
- Granulation:-100-400 Microns.
- Performance:-Ensures a regular consumption when variation of raw material quality or change in formulation occurs and covers the oH odour of some raw materials.
- Inclusion rate: - 70 gm per ton of the feed.