

# ACE Group

## Quotation

Sub: - Fully Automatic Hi-Tech Computerized Animal Feed Plant

From Sugar Cane Top  
Capacity 200 TPD(8-10 MT/H)

Dear Sir,

For your information, being in the line for over 3.4 decades, we specialize in the manufacture of Feed – making machinery and plants which for their quality and working performance are not only well received and reputed but also offer the best value within their price range.

As desired we enclose our offer for 200 MTPD Mesh feed Pellet Plant as below:-

1. **Annexure – I** : Full Range of our Feed Making Machinery/ Plants
2. **Annexure - II** : Specifications of Machinery
3. **Annexure – III** : List of Electrical, which include in our offer along Terms & Conditions
4. **Annexure - IV** : Price Bid for Whole Plant

Please go through the details and let us know if any other requirements are to be incorporated. We feel confident that our plant would suit to the best of you requirement and that you shall find our offer rather favorable to place your valued order on us soon.

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## GENERAL CONSIDERATIONS.

Description	: FULLY AUTOMATIC 200 METRIC TON PER DAY ANIMAL FEED PLANT FROM SUGAR CANE TOP ALONG AUTO BATCHING AND AUTO BAGGING
<b>Space Required For Install This project</b>	
Length	: 50 Feet.
Width	: 35 Feet.
Height	: 62 Feet (APPROX)
Connected Load ( Approximate )	: 514 HP (385.5 K.W.)

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## ANNEXURE – I

Making plant generally as per pamphlet consisting of machinery and equipment, Plant with electrical in packed & un-packed condition.

**CAP: 12 TO 14 MT/HR MESH FEED**

**CAP: 8 TO 10 MT/HR PELLET FEED**

### **1. INTAKE SECTION FOR SUGAR CANE TOP**

#### **1.1 Intake Belt Conveyor**

Function: First intake point for Carry The sugar cane top from godown or open space o sugar cane top cutters.

Length: 50 feet

Power: 5 Hp (Geared Motor)

Quantity: One Nos.

#### **1.2 Sugar Cane Top Cutters Machines**

Function: for cut the length of sugar cane top in small size and manual intake by employee.

Power: 5 Hp x 3 Nos. = 15 HP

Quantity: Three Nos.

#### **1.3 Chain Conveyor**

Function: For carry the small size sugar cane top from cutter machines to flash dryer.

Length: 25 feet

Power: 3 Hp (Geared Motor)

Quantity: One Nos.

#### **1.4 Heating Equipment**

Function: use for make burning temperature by wood( or hard cock).

Power requirement: Nil

Quantity: one nos.

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## 1.5 **Flash Dryer Blower & Ducting pipeline**

Function: use for suck the wet sugar cane top in small size with hot air by Ducting Blower & ducting pipeline

Power: 15 Hp (AC Motor)

Quantity: One Nos.

## 1.6 **Flash Dryer Cyclone**

Function: For Store The sugar cane top in small size by ducting Blower with reduce moisture.

Quantity: One Nos.

## 1.7 **Sight Glass Assembly**

Function: For see the Inside of Cyclone.

Quantity: One Nos.

## 1.8 **Airlock**

Function: For pour the small size top materials from cyclone to grinding elevator -1.

Power: 1 Hp(Geared Motor)

Quantity: One Nos.

## 2. **GRINDING SECTION FOR SUGAR CANE TOP**

### 2.1 **Bucket Elevator – I**

Function: To carry crush sugar cane top to Bin above Grinder for fine grinding.

Power : 5 HP (Geared Motor)

Height : 35 Feet

Quantity: One Nos.

### 2.2 **Transition Piece**

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Function: - To Carry the Raw Materials

Quantity: One Nos.

## 2.3 **Bin Over Hammer Mill**

Function: To Temporary Store for crush sugar cane top over Hammer Mill

Capacity: 1.2 MT

Quantity:- One Nos.

## 2.4 **Magnetic Plate**

Function: Fitted in the hopper above the grinder to catch iron thrash etc. going to feed grinder.

Quantity: One Nos.

## 2.5 **Auto Feeder Above the Grinder**

Function: to Input the crush sugar cane top in Hammer Mill

Power: 2 HP (Geared Motor)

Quantity: One Nos.

## 2.6 **Double Sieve Hammer Mill (Jumbo Grinder)**

Function: use for fine grinding for crush sugar cane top for prepare animal feed Formulation.

Cap: 5 to 6 MT/H

Power: 75 HP

Quantity: - One Nos.

## 2.7 **Transition Piece**

Function: - To carry The fine grinding sugar cane top to chain conveyor.

Quantity: One Nos.

## 3. **AUTO BATCHING SECTION**

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## 3.1 **Chain Conveyor**

Length: 50 feet,

Function: To carry raw feed ingredients (wheat or another materials) and fine grind sugar cane top to Elevator no. II for storage bins.

Power : 7.5 HP (Geared Motor)

Quantity: One Nos.

## 3.2 **Transition Piece**

Function: To carry the raw materials and intake in bucket elevator no. II.

Quantity: One Nos.

## 3.3 **Bucket Elevator – II**

Function: To carry raw materials ingredients from chain conveyor to  
Cross conveyor above storage bins.

Power : 7.5 HP(Geared Motor)

Height: 65 Feet

Quantity: One Nos.

## 3.4 **Transition Piece**

Function :- To Carry The Raw Materials

Quantity : Two Nos.

## 3.5 **Distributer Chain Conveyor**

Function: To Carry the Raw Materials Ingredients and fine sugar cane top From  
Cross Conveyor to Storage Bins.

Quantity: 1 Nos. (Geared Motor)

Power: 3 Hp

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## 3.6 **Transition Piece**

Function: To carry the raw materials and fine sugar cane top to storage bins.

Quantity: Seven Nos.

## 3.7 **Slide Gates**

Function: For Choose to Intake raw materials and fine S.C.T. in Storage Bin

Quantity: 14 Nos.

## 3.8 **Raw Materials Bins:**

Function: To temporarily hold the different Raw materials

For Batch bin. Such as, FINE SUGAR CANE TOP, WHEAT,  
DOILED, CORN, SOYA, RICE BRAN ETC.

Capacity: 10 MT/Each

Quantity: Seven Nos.

## 3.9 **Discharger Chain Conveyors For Storage Bins**

Function: for Discharge and carry the raw materials from storage bins to weigher

Bin for prepare desire batch of animal feed.

Power : 2 Hp X 5 = 10 Hp(Geared Motors)

Quantity: Five Nos.

## 3.10 **Weigher Bin**

Function: To Choose And Weighing The Raw Materials For Per Batch.

Capacity: 1500 Kg

Quantity: One Nos.

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## 3.11 Load Cell With Pneumatic Operated Slide Gate

Function: For Weigh to Weigher Bin for desire per batch

Capacity: 2000 Kg

Quantity: One Set.

## 3.12 Chain Conveyor

Function: To Carry the Raw Materials from weigher bin to hammer mill elevator.

Power: 5 Hp(Geared Motor)

Quantity: One Nos.

## 4. GRINDING SECTION FOR ANIMAL FEED

### 4.1 Bucket Elevator – III

Function: To carry raw feed ingredients to Bin Above Grinder

Power : 5 HP (Geared Motor)

Height : 35 Feet

Quantity: One Nos.

### 4.2 Transition Piece

Function:- To Carry The Raw Materials

Quantity: One Nos.

### 4.3 Bin Over Hammer Mill

Function: To Store Raw material over Hammer Mill

Capacity: 1.2 MT

Quantity:- One Nos.



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## **4.4 Magnetic Plate**

Function: Fitted in the hopper above the grinder to catch iron thrash etc. going to feed grinder.

Quantity: One Nos.

## **4.5 Auto Feeder Above the Grinder**

Function: To Input The Raw Materials In Hammer Mill

Power: 2 HP (Geared Motor)

Quantity: One Nos.

## **4.6 Double Sieve Hammer Mill (Jumbo Grinder)**

Function: To Crush The Raw Materials For Mesh Either Pellet Feed

Cap: 9 to 12 MT/H

Power: 75 HP

Quantity: - One Nos.

## **4.7 Transition Piece**

Function:- To Carry The Raw Materials to Elevator.

Quantity: One Nos.

## **5. MIXING SECTION**

### **5.1 Bucket Elevator – IV**

Function: To carry raw feed ingredients to Batch Bin above the mixer.

Power : 5 HP (Geared Motor)

Height : 45 Feet

Quantity: One Nos.

### **5.2 Transition Piece**

Function:- To Carry The Raw Materials

Quantity: One Nos.

### **5.3 Batch Bin above the Mixer :** Cap: 1400kgs

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Function : To temporarily hold the material over the mixer till the Mixer is empty .

Quantity : One Nos.

## **5.4 Horizontal Feed Mixer :**

Function : For homogeneous mixing of different ingredients

Power : 25 HP

Quantity : One Nos.

## **5.5 Pneumatic Operated Slide Gate**

Function : For Batch Bin over/above the Mixer for Discharge into Batch Bin below the Mixer.

Quantity : Three Nos.

## **5.6 Oil or Molasses Pump :**

Function: To Mixer Machine for Mixing Oil or molasses in mixing ingredients.

Power : 5 HP

Quantity: One Nos.

## **5.7 Oil or Molasses Tank**

Function: To Store Oil or Molasses In The Storage Bin For Few Batch.

Quantity : One Nos.

## **5.8 Oil or Molasses Pipeline, Valves, Flow Meter & Fitting**

Function: To carry the oil.

Quantity : One Lot.

## **5.9 Bin Below Mixer: Cap: 1800kgs**

Function : To hold mixed material

Quantity : One Nos.

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## **5.10 Pneumatic system**

Function : For Batch Bin over/above the Mixer

For Discharge into Batch Bin below the Mixer.

Quantity : One Set

## **5.11 Chain Conveyor**

Length: 15 feet,

Function: To carry mixing raw feed ingredients to Elevator.

Power : 3 HP (Geared Motor)

Quantity: One Nos.

## **6. PELLETING SECTION**

### **6.1 Bucket Elevator –V**

Function : To carry the mixed ingredients to the storage bin over  
the pelletizer.

Height : 55 Feet(Geared Motor)

Power : 5 HP

### **6.2 Transition Piece**

Function :- To Carry The Raw Materials

Quantity : One Nos.

### **6.3 Storage Bin above the Pelletizer :**

Function : To temporary hold the mixed ingredients For Pellet Mill.

Quantity : One Nos.

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## **6.4 Pellet Mill Feeder**

Function : for control, feeding & carry mixing materials for pellet mill Conditioner.

Quantity : One Nos.

Power : 3 HP Geared motor with VFD

## **6.5 Twin Screw Conditioners**

Function: For Carry & Cook the Mixing Material To Pellet Mill.

Quantity : Two Nos. (Geared Motors)

Power : 3 Hp X 4 = 12 Hp

## **6.6 Magnetic Plate**

Function: Fitted in the transition piece to catch iron thrash etc. going to pellet mill.

Quantity : One Nos.

## **6.7 Horizontal Pellet Mill**

Model : Super Senior pellet mill

Capacity : 8 to 10.MT/H

Power : 180 H.P

Quantity : One Nos.

## **6.8 Transition Piece**

Function :- To Carry The Hot pellets

Quantity : One Nos.

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## 7. COOLING SECTION

### 7.1 Rotary Feeder

Function : For Inlet the Hot Pellets in Pellet Cooler.

Power : 2 Hp (Geared Motor)

Quantity : One Nos.

### 7.2 Counter Flow Cooler

Function: To cool hot pellets coming out from pellet mill

Quantity : One Nos.

Power : 2 Hp(Geared Motor)

### 7.3 Pellet Cooler Blower

Function : For Cool the Pellets By Ducting Blower

Quantity : One Nos.

Power : 15 Hp

### 7.4 Ducting Pipeline

Function : for sucking hot air by Ducting Blower from cooler to cyclone.

Quantity : One Lot

### 7.5 Pellet Cooler Cyclone

Function : For Store The Powder Materials By ducting Blower.

Quantity : One Nos.

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## **7.6 Sight Glass Assembly**

Function : For see the Pellet Cooler Inside and Cyclone.

Quantity : One Nos.

## **7.7 Airlock**

Function : For pour the powder materials from cyclone to bags.

Quantity : One Nos.

Power : 1 Hp(Geared Motor)

## **7.8 Pellet Cooler Storage Bin**

Function : To Temporary Hold The Cold Pellets From Pellet Cooler

Quantity : One Nos.

## **7.10 Transition Piece**

Function :- To Carry The cold pellets to bucket elevator.

Quantity : One Nos.

## **8. SIEVE AND PREBAGGING SECTION**

### **8.1 Bucket Elevator –VI**

Function : To carry Cold Pellet to Pellet Sieve (Screen).

Length : 45 Feet

Power : 5 H.P (Geared Motor)

Quantity : One Nos.

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## **8.2 Transition Piece**

Function :- To Carry The pellets for Sieve Machine.

Quantity : One Nos.

## **8.3 Pellet Sieve With Vibratory Motor –**

Function : To separate Granules from Pellets

Power : 2 HP Vibro type

Quantity : One Nos.

## **8.4 Recycling Pipeline**

Function : For recycling the Powder and Recrumb pellets came out from Sieve machine.

Quantity : One Set.

## **8.5 Bin Below Pellet Seive For Bagging**

Function : For Hold Granules & Pellets for Bagging or Reprocessing

Capacity : 4 MT

Quantity : 1 Nos.

## **9. AUTO BAGGING SECTION**

### **9.1 Pneumatically Operated Slide Gate**

Function : For Pouring the pellets in Bags.

Quantity : One Nos.

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## **9.2 Weigher Bin**

Function : Accurate weigh the ready pellets for bagging.

Capacity : 250 KG

Quantity : One Nos.

## **9.3 Auto Bagging, Stitching Machine:**

Function: complete bagging and stitching then conveying

Power : 1 HP

Quantity: 1 Nos.

## **9.4 Slat Conveyor**

Function : for Convey the Ready Pellets Bags.

Quantity : One Nos.

Power : 2 Hp

## **10. Electricals**

Electrification Material Like A Aluminum Armored Power Cable From Panel To Motor And Control Cable For Limit Switches And Sol-Valve And Cable Trays And And Isolator For DOL Motors. (All Cables Including Wiring from panel to machinery only)

## **11. Steel Structure**

Include Steel Structure 50 Mt (Approx) with Girders, Channels, Angles, Chequed plates, Foundation Bolts ETC for install this project & making Platform(Walkways), Stair, Nut- Bolts, Foundation Bolts, Guards Etc

## **12... Hand Railings & Gravity Piping**

Function : For Interconnection between Equipments, Hoppers with Necessary flanges and packing Etc. Hand railing use for safe custody In the plant area.

Quantity : One Lot



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## **13. Include Steam Boiler**

Please Note: Steam boiler is including in our offer and prices.

Capacity: 1000 KG

Type : wood fired

Power : 3+2 = 5 HP

Quantity: One Nos.

## **14. Batching System(Automation)**

The System Consist of a Microprocessor based controller with a PC along with below items

- Load cells for batch weigher hopper. 4 Nos. 750 KGS each.
- Microprocessor controller
- Dell Compatible computer having Core 2 Duo processor with 19" Colour Monitor.
- Keyboard
- Mouse and Mouse pad
- 132 dot matrix printer
- SCADA System
- UPS for 30 min.with sealed type maintenance free battery.
- Furniture for Computer with weighing resolution of 0.05%

Quantity: One Set

## **15. MCC For Full Plant**

Totally enclosed dust proof sheet metal motor control centre for motors MCC will have necessary starter al Bus Bar, Fuses, Push Button and indicating lamps with Incoming Feeder with ammeter Voltmeter, DOL starter up to 7.5 Hp electric Motors and Star-Delta starter for Large Electric Motors.

Quantity: One Nos.

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**16. Air Compressors**

Function ; For make the Air for Pneumatically Systems.

Quantity ; Two Nos.

Power : 5 Hp X 2 Nos. = 10 Hp

**17. Air Pipeline**

Function : For Carry the Air among air Compressor and Pneumatically System.

Quantity : One Lot

**18. Welding Materials & painting**

Include Heavy duty welding Sets (Two Nos.) & Welding Electrodes & Painting for Install this Machinery project.

**19. Loading & Unloading**

Function: for loading the goods in vehicles at dispatch time we will provide free of cost in our site. But, you will provide unloading facilities at your site.

**20. Training & Installation**

Installation & Training Charges Will Be Charge Extra.

## ANNEXURE –II

### SPECIFICATIONS OF MAIN MACHINERY & EQUIPMENT

<b>Sr. No :</b>	<b>Machinery/ Equipment</b>	<b>Specifications</b>
1.	<b>Bucket Elevator-I For S.C.T.</b>	Height 35 feet Buckets of size 9” fixed to flat belt, heavy-duty top and bottom, fitted with UCP and UCF bearings, Servicing Platform and staircase steps, rpm reduction attachment, motor pulley & motor rails, body of heavy duty angles and MS sheet.

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02.	<b>Bin Over Hammer Mill for S.C.T.</b>	<p>Bin with rack &amp; Pinion arrangement manual type for controlling out flow delivery of material to hammer mill</p>
03	<b>Popular Hammer Mill for S.C.T. (JumboGrinder)</b>	<p>Double Screen type, heavy duty steel Body for vibration-free working, fitted with Auto Feeder, &amp; balanced Rotar. Tempered Beaters (Hammers), motor rails, motor pulley, foundation bolts and v-belt guard.</p>
04.	<b>Magnetic Plate in above Hammer Mill</b>	<p>Provided to arrest iron thrash/pcs. and prevent them from entering into the Hammer Mill (Grinder) thereby not only saving the Grinder from being damaged but also adding to longer life and proper working performance of the machine.</p>
05	<b>Bucket Elevator-II For storage bins</b>	<p>Height 65 feet Buckets of size 9” fixed to flat belt, heavy-duty top and bottom, fitted with UCP and UCF bearings, Servicing Platform and staircase steps, rpm reduction attachment, motor pulley &amp; motor rails, body of heavy duty angles and MS sheet.</p>
06	<b>Bucket Elevator-III For hammer mill (animal feed preparation)</b>	<p>Height 35 feet Buckets of size 9” fixed to flat belt, heavy-duty top and bottom, fitted with UCP and UCF bearings, Servicing Platform and staircase steps, rpm reduction attachment, motor pulley &amp; motor rails, body of heavy duty angles and MS sheet.</p>
07		<p>Bin with rack &amp; Pinion arrangement manual type for controlling out flow delivery of material to hammer mill</p> <p>Double Screen type, heavy duty steel Body for vibration-free working, fitted with Auto Feeder ,&amp; balanced Rotar. tempered Beaters (Hammers), motor rails, motor pulley, foundation bolts and v-belt guard.</p>

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08	<p><b>Bin Over Hammer Mill for animal feed</b></p>	<p>Provided to arrest iron thrash/pcs. and prevent them from entering into the Hammer Mill (Grinder) thereby not only saving the Grinder from being damaged but also adding to longer life and proper working performance of the machine.</p> <p>Height 45 feet and rest exactly as specified against Sr.No.1 herein above.</p>
09	<p><b>Popular Hammer Mill for animal feed (JumboGrinder)</b></p>	<p>Heavy-duty Feed Mixer. i.e., fitted with Oil Dosage Tank at the top and Oil-immersed Reduction Gear-box on one side, Main Body of heavy-duty MS sheet, arms and blades of heavy duty, with motor, Pneumatically <b>operated</b> and its guard.</p>
10	<p><b>Magnetic Plate in above Hammer Mill</b></p>	<p>Made out of MS Sheet and Angles to store and hold different Raw Materials Ingredients with screw conveyors.</p>
11	<p><b>Bucket Elevator – IV For mixing section</b></p>	<p>Made out of MS Sheet and Angles to store and hold one lot of ground materials having mechanical provision to open its outlet door to pour the material held into the Mixer when the Mixer is empty.</p> <p>Height 55 feet and rest exactly as specified herein above.</p>
12	<p><b>Horz. Feed Mixer</b></p>	<p>Pelleting Machine of 8 to 10 MT/HR, machine complete with following sub-assemblies:-</p> <ul style="list-style-type: none"> <li>• Base frame</li> <li>• Die holder</li> <li>• Roller holder shaft</li> <li>• SS Feeder Conditioner with hinged inspection door</li> <li>• 3hp type variable speed motor, regulator and drive pulley</li> <li>• Outlet spout with hinged inspection door</li> <li>• Pellet Die fitted with PR Assembly with set of Scrapper,</li> </ul>

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14.	<b>Raw Materials Bins</b>	<ul style="list-style-type: none"><li>• Wearing Ring – rear and front,</li><li>• Die Cover,</li><li>• Cutting Knife</li><li>• Vibration Damper</li><li>• Temperature Indicator and Pressure Gauge.</li></ul>
15	<b>Batch-Bin over the Mixer</b>	
	<b><i>Bucket Elevator-V</i></b> <b>For pelleting section</b>	
	<b><i>Super Senior Pellet Mill</i></b>	

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16	<b>Safety Guards</b>	<ul style="list-style-type: none"> <li>• Safety Guard and Set of Tools</li> </ul>
17	<b>Boiler</b>	Steam boiler is including in our offer.
18	<b>Counter Flow Pellet Cooler</b>	. Counter flow cooler with S.S., feeder at the inlet with Double grill one fixed & adjustable and other moving Type. Discharge having eccentric operated drive for Movable grill complete with drive and gear box . The grills are in mild steel And body in SS complete with high level controller Gear Box : 1No. for Discharger and 1No. for Feeder
19	<b>B/ Elevator-VI</b>	Height 45 feet and rest same as above
20	<b>Pellet Sieve</b>	Pellet Sieve Vibratory type along with 2 hp Vibro Motor
21	<b>Bin</b>	One Nos. for Bagging. of Pellet & Granules.

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## ANNEXURE -III

LIST OF ELECTRICALS MOTORS IS INCLUDE IN OUR OFFER.

	<u>QTY</u>	<u>Total HP</u>
1. <u>Belt Conveyor</u> 5 HP Geared Motor	1 No.	5
2. <u>Sugar Cane Top Cutters</u> 5 HP Electric Motors	3 No.	15
3. <u>Chain Conveyor</u> 3 HP Geared Motor	1 No.	3
4. <u>Flash Dryer Blower</u> 15 HP Electric Motor	1 No.	15
5. <u>Airlock</u> 1 HP Geared Motor	1 No.	1
6. <u>Bucket Elevator I</u> 5 HP Geared Motor	1 No.	5
7. <u>Auto Feeder</u> 2 HP Geared Motor	1 No.	2
8. <u>Hammer Mill</u> 75 HP Electric Motor	1 No.	75
9. <u>Chain Conveyor</u> 7.5 HP Geared Motor	1 No.	7.5
10. <u>Bucket Elevator II</u> 7.5HP Geared Motor	1 No.	7.5
11. <u>Distributor Chain Conveyor</u> 3 HP Geared Motor	1 No.	3
12. <u>Discharger Conveyors For Raw Materials Bins</u> 2 HP Geared Motors	5 No.	10
13. <u>Chain Conveyor</u> 5 HP Geared Motor	1 No.	5
14. <u>Bucket Elevator- III</u> 5 HP Geared Motor	1 No.	5
15. <u>Auto Feeder</u> 2 HP Geared Motor	1 No.	2
16. <u>Hammer Mill</u> 75 HP Electric Motor	1 No.	75

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17.	<u>Bucket Elevator- IV</u> 5 HP Geared Motor	1 No.	5
18.	<u>Horz. Mixer</u> 25 HP Electric Motor	1 No.	25
19.	<u>Molasses or Oil Pump</u> 5 Hp Electric Motor	1 No.	5
20.	<u>Chain Conveyor</u> 3 HP Geared Motor	1 No.	3
21.	<u>Bucket Elevator-V</u> 5 HP Geared Motor	1 No.	5
22.	<u>Pellet Mill Feeder</u> 3 HP Geared Motor+VFD	1 No.	3
23.	<u>Twin Screw Conditioners</u> 3 HP Geared Motors	4 No.	12
24.	<u>Horizontal Pelleting Machine</u> 180 HP Electric Motor	1 No.	180
25.	<u>Pellet Cooler</u> 2 HP Geared Motors 1 HP Geared Motor 15 HP Electric Motor for Blower	2 No. 1 No. 1 No.	4 1 15
26.	<u>Bucket Elevator-VI</u> 5 HP Geared Motor	1 No.	5
27.	<u>Pellet Seive</u> 2 HP Vibro Motor	1 No.	2
28.	<u>Bagging, Stitching Machine</u> 1 Hp Electric Motor	1 No.	1
29.	<u>Slat Conveying Machine</u> 2 Hp Electric Motor	1 No.	2
30.	<u>Air Compressor</u> 5 HP Electric Motor	2 No.	10
	<b>Total</b>	<u>43 Nos.</u>	<u>514 HP</u>

(385.5 K.W.)



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1. To provide required Electric Connection and water supply connection before Installation i.e minimum 540 HP (405 K.W.) for the full plant.
2. To provide Boarding & Lodging for our Engineer/ technician
3. To Arrange safe custody for the entire plant & machinery including structure Steel Material supplied to you from to time.
4. All statutory obligations for installation of Electric Connection/Air/Water Pollution Etc. has to be arranged by you.
5. You shall be completed all Civil works involved.

## **Terms & Conditions: -**

### **1. DELIVERY / COMPLETION PERIOD:**

Supply of Equipment: 20 To 24 Weeks from the date of technically and commercially clear order and receipt of advance.

The delivery is offered in good faith and subject to normal availability of raw material, components etc, subject to their intermediary sales prior to receipt of your order, Government control and force clause and excluding all liquidated damaged of penalty.

### **2. QUALITY & GUARANTEE:**

The general quality of workmanship will be as per the normal standard which Corresponds to the functional requirement of each machine, unless otherwise Specified. Equipment manufactured by us are guaranteed against defects in material & or workmanship for a period of one year from the date of commissioning or one year from the date of supply whichever is earlier & shall be repaired or replaced free of cost by us during this period, during the guarantee period company's dies, rollers, wear and spare parts will be used. For general trade items included in the delivery, such as, sensors, switches, geared motors, electric motors, solenoid valves etc. the company maintains the guarantee set by the original manufactures of such items with a minimum six months after commissioning and max twelve months after delivery. Repair or faulty parts cab be done by the purchaser after written approval

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by the company. Repairs or disassembly of general trade items such as, sensors, switches, geared motors, electric motors, solenoid valves etc. Without approval of our company or the original supplier will invalidate the warranty on subject items.

The respect to the item not of our manufacture but fitted or supplied along with our requirement as standard components the respective manufactures guarantee will be applicable to you. Supply and commissioning of plant will be depending on purchaser payment transaction time to time. wear parts are excluded from the guarantee except for those cases where the defect is the clear results of faulty design, materials, workmanship, improper storage, faulty handling of the machines or their normal wear and tear. One we have commissioned the plant with successful trail run, we will not be responsible for defects arising of operators fault, mis-handling. We have rights for change the design of complete project. The respect to the market items not of our manufacture but fitted or supplied along with our requirement as standard components the respective manufactures guarantee will be applicable to you.

3. Our scope of supply includes only items specifically mentioned in our offer. Any item required to be supplied over and above what is mentioned in the quotation will be charged extra on case to case basis.

**For Erection:** 40% advance before dispatch of machines with post dated cheques 30% Payable after one month, balance 30% payable after two month from the Date of final dispatch.

## 6. EXCLUSIONS:

Following are not included in our scope of supply :

- All civil not included in our scope of supply;
- RCC Sheets, Power civil work at the incomer of the MCC.
- Power, water used for erection and feed raw materials for trail will be provided by you.
- Anyway bill required and “C” form is to be arranged by you. We require form “C” before billing. Otherwise tax @ 4% will be charged and will be reimbursed only after submission of form C.
- Alteration in the motor’s panel, machine due to low voltage will be borne by you.
- Any alteration in roofing or entrance to the site area if required for installation will be borne by you.
- We need 10 KW power connections for installation will be arrange by you.

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- While preparing the estimate quantity of steel required in steel frame & supports is worked in the design parameters.
- Quantity of pipe line will be supplied as per the quantity given in the offer. If additional length of pipe line required then it will be charged. Extra.
- At the Time of Errection & commissioning you have to arrange accommodation facility of our persons.

## 14. VALIDITY;

This offer is open for acceptance for 30 days from the date of offer, and 10 days for Electrical equipment the acceptance there after will be subject to our written Confirmation.

### GENERAL CONSIDERATIONS.

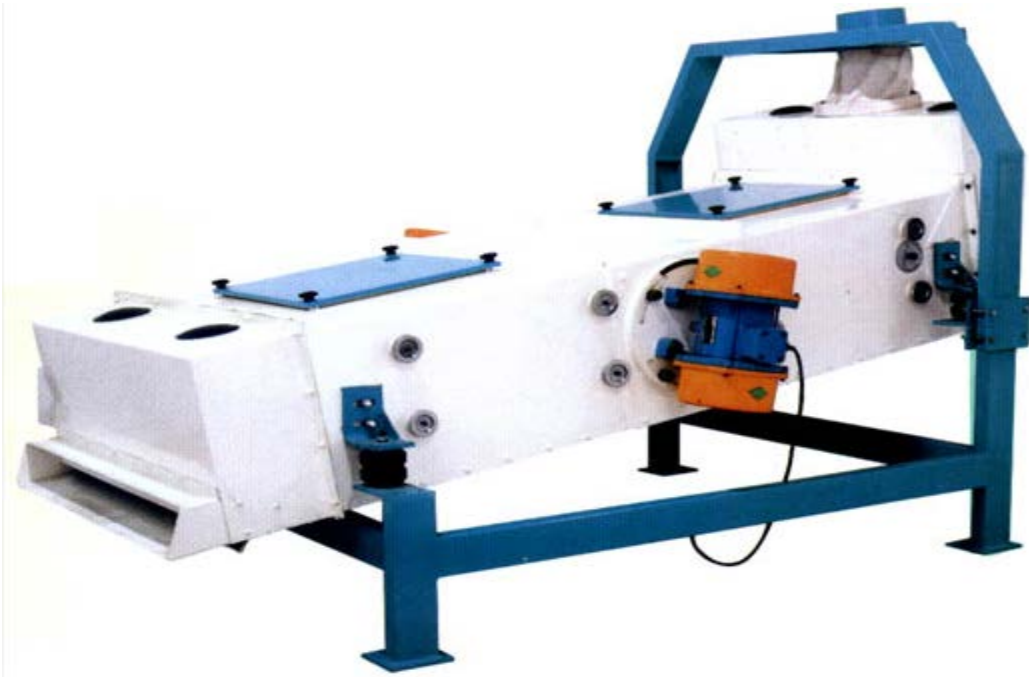
Description	: FULLY AUTOMATIC 200 METRIC TON PER DAY ANIMAL FEED PLANT FROM SUGAR CANE TOP ALONG AUTO BATCHING AND AUTO BAGGING
<b>Space Required For Install This project</b>	
Length	: 50 Feet.
Width	: 35 Feet.
Height	: 62 Feet (APPROX)
Connected Load ( Approximate )	: 514 HP (385.5 K.W.)

Consideration : Oil – 2- 4 % maximum in Batch Mixer.  
Molasses – 6 to 10 % in Batch Mixer.

Capacity of the plant: The Capacity of the equipment will depend on the formula raw materials percentage of gradable during the process. While indicating the capacity for the plant as well as the equipment in our offer, formula based on Ist specification is considered. The bulk density of the raw material is taken as 600 Kg m3 for all calculation.



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