



CATTLE FEED FACTORY PACHAMA

**UNIT OF BHOPAL SAHAKARI DUGDH SANGH MARYADIT
BHOPAL (M.P)**

**TENDER FOR SUPPLY OF
SPARE PARTS OF CATTLE FEED PLANT MACHINERY**

**DATE
07/09/2019**

**CATTLE FEED FACTORY, PACHAMA, DISTT. SEHORE (M.P)
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UNIT OF BHOPAL SAHAKARI DUGDH SANGH MARYADIT BHOPAL**

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TENDER FOR SUPPLY OF SPARES FOR

1. PALLET MACHINE SUPER SENIOR EXTRA WIDE.
2. FULL CIRCLE GRINDER 10 MT PER HOUR & OTHER MACHINERY FOR CATTLE FEED FACTORY PACHAMA, MANGLIA, BANDOLE, SAGAR & SHIVPURI

Annexure-I : General Terms and Conditions
Annexure-II : Requirement List of Spares Parts
Annexure-III : Agreement

S.No.	Process Details	Date/time (Hrs.)
1	Purchase of Tender Start Date	24.08.19/ 17.00
2	Bid Submission End Date	05.09.19/ 09.00
3	Technical Bid Open Date	06.09.19/ 09.00
4	Financial Bid Open Date	07.09.19/ 09.00

Place of opening of Tender : MPCDF Bhoapl
Tender Fees : Rs. 2000/- (Rupees Two Thousand)
EMD DEPOSITE : Rs. 200000/- (Rupees Two Lakh only)

ANNEXURE-1

General Terms and Conditions for Supply of spare parts for Super Senior extra wide (Jumbo) Pallet Machine and other Plant Machinery.

1. Chief Executive Officer, Bhopal Sahakari Dugdha Sangh Maryadit reserves the right to accept or reject the tender wholly or part their of without assigning any reason.
2. Rates Quoted should be FOR Indore for Manglia Plant, FOR Sehore for Pachama Plant, FOR Jabalpur for Bandol Plant, FOR Shivpuri Plant and FOR Sagar for Sironja Plant. P&F, Taxes, Duties etc should be included in quoted rules. Any rise in duties/ taxes/levies from Govt. authorities will be considered in further accordingly.
3. Price Bid to be submitted online only at MP State E-Tender Portal www.mpeproc.gov.in . Scanned copy of EMD to be uploaded online.
4. EMD in original & supporting documents shall be deposited in sealed envelope.
5. The tenderers are directed to inform Cattle Feed Factory, Pachama Sehore immediately if there is any change in their address, phone numbers or any other contact details.
6. The earnest money will be Rs. 2,00000/- (Rs. Two Lakh only). All tenderers are directed to submit earnest money Online Only.
7. No interest shall be paid on the Earnest money.
8. In case of non supply / short supply both unit reserves the right to purchase material from other suppliers and difference in cost will be adjusted from supplier's pending bills / Earnest money Deposit.
9. For wrong address and other related information, tenderer shall be responsible.
10. Conditional tenders shall be rejected outrightly.
11. Tenderes can visit Cattle Feed Factory Pachama, Manglia, Bandole, Sagar & Shivpuri for any technical query to avoid any confusion regarding specifications of the spare parts.

Delivery Terms :-

1. Entire Quantity of all material to be supplied to plants as per their requirement and as per schedule given.
2. All the material rates quoted be FOR Sehore for our Pachama Plant, FOR Indore for our Manglia Plant, FOR Bandol Seoni (MP) for Bandol plant, FOR Sagar for our Sironja Plant and FOR Shivpuri for our Shivpuri Plant
3. All material is required to be supplied in proper packing along with greasing on dies and roller shells. Material may be supplied in plastic or in Wooden packing to enable us to use it over a long period.
4. Wherever needed proper anti- corrosion solution be applied.
5. Rate approval shall be extended for next one year subjected to satisfactory quality of spares supplied.

Quality Guarantee and related terms:-

1. All the Supplied material should be guaranteed against all manufacturing and performance related defects for a period of one year from the date of supply.
2. Supplier should take special care for finished sizes on all components to ensure proper fitting and interchangeability of all parts.
All fitting related problems shall cause an outright rejection of components.
3. A minimum production guarantee on dies and roller shells are needed. Our standard will be an average output of minimum 4000 MT + -5% from a set of one Die and Four Roller Shells. Any short fall in production will be recovered from suppliers pending bills or earnest money. If the production is less than 3800 MT the prorata basis deduction will be made considering production of 4000 MT. For over all evaluation yearly average of all Dies and Roller Shell will be considered. For example 15 Dies and 60 Roller Shells should produce a minimum of 57000 MT in one year.
4. All rejections will be returned and replaced totally on suppliers cost and liability.

Payment Terms:

- 1 All the units will release payment for their respective supplies.
- 2 All the units will make bill to bill payment for their respective supplies within 35 days of receipt of material and quality inspection at site.

Delay Penalty Clause:

1. All the materials will attract a delay penalty of 1% of value per week, which gets delayed by more than 7 days as per given schedule. For more than 4 weeks, order will be cancelled. In event of cancellation Material will be purchased from other suppliers and differential cost will be recovered from amount of pending bills or Earnest money.

Disputes and Redressals:-

1. Decision on any dispute arising out of this tender and routine supply will be redressed by concerning C.E.O of Union / Cattle Feed Plants.
2. In case of any litigation, place of jurisdiction will always be Bhopal for Pachama, Indore for Manglia, Jabalpur for Bandole, Sagar for Sironja and Shivpuri for Shivpuri.
3. All disputes pertaining to this tender will be final and taken by concerning C.E.O of Union / Cattle Feed Plants.
4. All quality related problems will be redressed by the General Manager of respective plants.
5. Each supplier will have to supply Test/ Quality/ Guarantee Certificate on company's letterhead for each of their supplies. These certificates should cover all defects against workmanship/manufacturing/performance standards/fittings.

ANNEXURE-II

Requirement list of spare parts for Super Senior extra wide (Jumbo) Pallet Machine.

CFE PACHAMA REQ.

S.N	Particulars	Annual Req. Qty.
1	Pallet Mill die 8mm hole Super Senior extra wide	12 Nos.
	Size: 630 mm OD 520mm ID	
	222 mm Phase, 17 Rows of Holes with straight caller & m-20x12 holes both sides on 565 PCD	
2	Roller Shells "V" grooved for above Size 250mm OD 180mm ID(Suitable for Bearing no. 32220, 182 mm wide	50 Nos.
3	Roller Assembly Complete with shell & Bearing etc. Bearing SKF/FAG/ZKL	10 Nos.
4	Die Holder Assembly Complete with "T" Shaft, Bearings 32324 & 32224, Bearing covers, Oil Seals etc. Bearing SKF/FAG/ZKL	1 No
5	Die Holder only (Alloy Steel Forging)	1 No
6	"T" Shaft with centralized greasing system	1 No
7	Spare for Roller Assembly	
	i) Eccentric Shaft (Alloy Steel)	4 Nos.
	ii) Middle Spacer 51 mm wide	4 Nos.
	iii) Bearing Cover Plate	24 Nos.
	iv) Bearing Pressing Plate	20 Nos.
	v) Circlip 180 mm Inner	50 Nos.
	vi) Lock nut for Eccentric Shaft m-20	10 Nos.
	vii) Lock Nut Washer for above MB-20	10 Nos.
	viii) Clamping Device (Setting Ring of male female rings)	12 Nos.
	ix) Centre Bolt for roller Alen Type (Unbreako/ TVS/LPS)	10 Nos.
x) Nut for Centre Bolt Attached with 1 male ring & Pin	12 nos.	
8	Front scraper assembly	2 Nos.
9	Stud for front scraper assembly	24 Nos.
10	Roller locking Assembly with Two Disc and master plate	2 Nos.
11	Share Pin Block	1 Nos.
12	Share Pin 18 mm Dia	500 Nos
13	Paddles for conditioner of 330 mm die of SS-304 with Stud and Nut	100 Nos.
14	Die Ring rear for Straight collar die (Alloy Steel EN-9)	1 No.
15	Die Ring front for Straight collar die (Alloy Steel EN-9)	1 No.
16	Die cover with 4 Hooks size 520 OD x 340 mm ID x 130 mm wide made of SS 304 x 3 mm thick plate SS-304	2 Nos.
17	Main Bearing cover Plate front with Oil Seal 180-150-13 for Bearing 32324	2 Nos.
18	Main Bearing cover Plate Rear with Oil Seal 170-150-13 for Bearing 32224	2 Nos.
19	Main Bearing Pressing Ring front	2 Nos.
20	Main Bearing Pressing Ring rear	2 Nos.
21	Pallet Die Guard Assembly with Pallet cutter made of 6 mm thick SS 304 Plate	1 No.
22	Feeder Complete with screw about 02 Meter long 400 mm Dia	2 No
23	Pallet Mill Main Pulley SPC Section 9 Grove x 1220 mm Dia close grain CI Dynamically balanced +- 2 Grms.	1 No
24	Pallet Mill Counter Pulley SPC Section 9 Grove x 230 mm Dia close grain CI Dynamically balanced +- 2 Grms.	1 no

25	Die Bolt 20x50 mm High Tensile (Unbreako/ TVS/LPS	100 Nos.
26	Die Bolt 20x140 mm High Tensile (Unbreako/ TVS/LPS	100 Nos.
27	Die Bolt Washer (Spacer)	200 Nos.
28	Bush for "T" Shaft (Roller Holding Bush)	2 Nos.
29	Elevator Belt 10" 4 Ply	100
30	Elevator MS Bucket 8*5, 3 Hole	300
31	Elevator Bucket Bolt(3*8, 1 1/2)	900
32	Twin Rotor With Motor 10 HP Complete	1 No.
33	Fidder Condisioner Soft Complite SS 2 Mtr.	2 No.
34	Sprocket Duplex 1" 10 Teeth	12 No.
35	Sprocket Duplex 1" 14 Teeth	12 No.
36	Sprocket Duplex 1" 18 Teeth	12 No.
37	Sprocket Duplex 1" 19 Teeth	12 No.
38	Sprocket Duplex 1" 25 Teeth	6 No.
39	Sprokit Duplex 3/4" 14 Teeth	12 No.
40	Sprocket Duplex 3/4" 95 Teeth	2 No.
41	Sprocket Duplex 1" 50 Teeth	2 No.
42	Side Glass 200 MM PVC Round	12 No.
43	Vindish charger 3 HP Motor With Gair Box Complete	2 No.
44	Elevator Botom Drum Complete With Bearing 4mm seet	2 No.
45	Pellet Mill Hopper SS Make	1 No.
46	Betch Selector Switch 15 Motor	1 No.
47	Pellet Bin SS Make 4 MM Seet 6 M.T.	1 No.
48	Pellet Mill Cover SS 5 MM Seet with Gard Complete	1 No.
49	Molases Pump 4" With Flench Complete	1 No.
50	Molases Pump 2" With Flench Complete	1 No.
1	Hammer Mill Beater size 140 x 60 x 6 mm thick	200 Nos
2	Hammer Mill Sieve 5 mm Hole perforation size about 880 x 720 x 3 mm thick	10 Nos
3	Hammer Mill Beater Holding Rod 18 mm Dia	24 Nos
4	Hammer Mill Beater Spacing Bush	200 Nos
1	Elevator Top Drum about 600 mm Dia x 300 mm width complete with shaft about 800 mm length x 50mm Dia suitable for Bearing 1211 K	4 Nos
2	SS 304 Wire Mesh For Vibro	2 Nos
	5MM OPG x 1.50 MM Dia	
	Size 72" x 72"	
S.N	Particulars	
1	Chain Conveyor Chain size 285	50 Mtr.
2	Chain Conveyor Chain size 385	100 Mtr.
3	Chain Conveyor Spocket 9 teeth with shoft 50 mmx600 mm	4 No.
4	Chain 1" simplex	15 Mtr.
5	Elivator Jacket 300x290 mm	20 No.
6	Pelet Cooler Blower Empeler S.S with soft and bearing	1 No.
7	Slate Conveyor Chain	50 Mtr.
8	Slate Conveyor Sprocket	4 No.
9	Motor with Gair Box 5 HP-127 RPM PBL	6 No.
10	Motor 3 HP- 80 RPM PBL	4 No.

11	Pully 14" 2 Group B Section	6 No.
12	Pully 3" +4" 2 Group B Section	6 No.
13	Sprokit 15 Theeth Duplex ¾	6 No.
14	¾ Duplex Chain	15 Mtr.
15	Duplex Chain 1" Roller	50 Mtr.
16	Joot Seprator	2 No.
17	Pellet Cooler Assentric	1 No.
18	Pellet Sheev Jaali 6 mm SS	3 No.
19	Chain Conveyor Roll	100 Mtr.

CFF MANGLIA REQ.

S.N	Spares for Pellet Machine	Req. Qty.
1	Pallet Mill die 8mm hole Super Senior extra wide Size: 630 mm OD 520mm ID 222 mm Phase, 17 Rows of Holes with straight caller & m-20x12 holes both sides on 565 PCD	15 Nos.
2	Roller Shells "V" grooved for above Size 250mm OD 180mm ID(Suitable for Bearing no. 32220, 182 mm wide	70 Nos.
3	Roller Assembly Complete with shell & Bearing etc. Bearing NBC	4 Nos.
4	Die Holder Assembly Complete with "T" Shaft, Bearings 32324 & 32224, Bearing covers, Oil Seals etc. Bearing NBC	1 No
5	Die Holder only (Alloy Steel Forging)	1 No
6	"T" Shaft with centralized greasing system	1 No
7	Spare for Roller Assembly	
	i) Eccentric Shaft (Alloy Steel)	4 Nos.
	ii) Middle Spacer 51 mm wide	4 Nos.
	iii) Bearing Cover Plate	24 Nos.
	iv) Bearing Pressing Plate	24 Nos.
	v) Circlip 180 mm Inner	60 Nos.
	vi) Lock nut for Eccentric Shaft m-20	20 Nos.
	vii) Lock Nut Washer for above MB-20	20 Nos.
	viii) Clamping Device (Setting Ring of male female rings)	20 Nos.
	ix) Centre Bolt for roller Alen Type (Unbreako/ TVS)	20 Nos.
x) Nut for Centre Bolt Attached with 1 male ring & Pin	20 nos.	
8	Front scraper assembly	2 Nos.
9	Stud for front scraper assembly	24 Nos.
10	Roller locking Assembly with Two Disc and master plate	4 Nos.
11	Share Pin Block	2 Nos.
12	Share Pin 18 mm Dia	500 Nos
13	Paddles for conditioner of 330 mm die of SS-304 with Stud and Nut	100 Nos.
14	Die Ring rear for Straight collar die (Alloy Steel EN-9)	1 No.
15	Die Ring front for Straight collar die (Alloy Steel EN-9)	1 No.
16	Die cover with 4 Hooks size 520 OD x 340 mm ID x 130 mm wide made of SS 304 x 3 mm thick plate SS-304	4 Nos.
17	Main Bearing cover Plate front with Oil Seal 180-150-13 for Bearing 32324	2 Nos.
18	Main Bearing cover Plate Rear with Oil Seal 170-150-13 for Bearing 32224	2 Nos.
19	Main Bearing No. 32324 NBC for Pellet Machine Die Holder	2 Nos.
20	Main Bearing No. 32224 NBC for Pellet Machine Die Holder	2 Nos

21	F- 100 Tyre coupling Complete Fenner make	2 Nos
22	Magnet Flat type for Pellet Machine Both Site	2 Nos.
23	Roller Shell Bearing No. 32220 NBC	10 Nos.
24	Main Bearing Pressing Ring front	2 Nos.
25	Main Bearing Pressing Ring rear	2 Nos.
26	Pallet Die Guard Assembly with Pallet cutter made of 6 mm thick SS 304 Plate	1 No.
27	Feeder Complete with screw about 02 Meter long 400 mm Dia	1 No
28	Pallet Mill Main Pulley SPC Section 9 Grove x 1220 mm Dia close grain CI Dynamically balanced +- 2 Grms.	1 No
29	Pallet Mill Counter Pulley SPC Section 9 Grove x 230 mm Dia close grain CI Dynamically balanced +- 2 Grms.	1 no
30	Die Bolt 20x50 mm High Tensile (Unbreako/ TVS)	100 Nos.
31	Die Bolt 20x140 mm High Tensile (Unbreako/ TVS)	100 Nos.
32	Die Bolt Washer (Spacer)	100 Nos.
33	Bush for "T" Shaft (Roller Holding Bush)	2 Nos.
34	Pellet mill (JU) Door with Duct having magnet, Moc. 55304	1 Nos.
35	Conveyor railing M.S. plate 20mm x 14 mm x 10 feet x 16 Pcs	160 feet
36	Cutter (Knife) Pallet Machine	4 Nos.
37	Pellet Mill Cover S.S. 5mm Sheet with Guard Complete	1 Nos.
38	Molasses Rotary Gear Pump 1" X 1"	1 Nos.
S.N	Spares for Conveyor	Manglia
1	Chain Conveyor Chain Size 285	50MTR.
2	Chain Conveyor Chain Size 385	50MTR.
3	Chain 1" Simplex	15MTR.
4	Slate Conveyor Chain	50MTR.
5	Pellet Cooler Blower Impellor S.S	1 No.
6	Slate Conveyor Chain	20 Mtr.
7	Slate Conveyor Sprocket	2 No.
8	Motor with Gear Box 5 HP-127 RPM PBL	2 No.
9	Pulley 14" 2 Group B Section	2 No.
10	Pulley 3" 2 Group B Section	2 No.
11	Pulley 4" 2 Group B Section	2 No.
12	Jute Separator	1 No.
13	Chain Sprocket 1" x 17 Teeth Simplex	10 Nos.
14	Chain Sprocket 1" x 18 Teeth Simplex	4 Nos.
15	Chain Sprocket 1" x 19 Teeth Simplex	10 Nos.
S.N	Spares for Hammer Mill	Manglia
1	Hammer Mill Beater size 140 x 60 x 6 mm thick	60 Nos
2	Hammer Mill Sieve 5 mm Hole perforation size about 880 x 720 x 3 mm thick	10 Nos
3	Hammer Mill Beater Holding Rod 18 mm Dia	12 Nos
4	Hammer Mill Beater Spacing Bush	24 Nos
S.N	Spares for Elevator	Manglia
1	Elevator Top Drum about 600 mm Dia x 300 mm width complete with shaft about 800 mm length x 50mm Dia suitable for Bearing 1211 K 4MM Sheet	2 Nos
2	Elevator MS Bucket 8*5, 3 Hole	300 Nos.
3	Elevator Bottom drum Complete with shaft suitable for bearing F-210 4mm sheet	2 Nos.

4	Elevator Bucket Bolt(3*8, 1 1/2)	900 Nos.
5	Elevator rubber Belt10" 4 Ply	100 Mtr.
S.N	Spares for Vibro Screen	Manglia
1	72" Jointing clamp S.S.	1 Set
2	72" S.S. Screen fitting Frame	1 Nos.
3	SS 304 Wire Mesh For Vibro 5MM OPG x 1.50 MM Dia Size 72" x 72"	4 Nos

CFF BANDOL REQ.

Cattle Feed factory Bandol, Dist.- Seoni (M.P.)			
Spare Parts for 50 TPD Cattle Feed Plant			
S.No	Particulars	Specification	QTY
A	CHAIN CONVEYOR		
1	Feed Plummer Block with Bearing UCT-210		02 nos
2	Discharge Plummer Block with Bearing UCF-210		02 nos
3	Chain 150 Width		10 mtr.
4	Sprocket- 125 mm Pitch x 6 Teeth		02 nos
5	Oil Seal- 55 dia x 70 dia x 10thk.		20 set
6	Intake Bacth chain conveyor Gear Motor	5 HP, RPM-1450, RHS Box	01 set
B	BELT BUCKET ELEVATOR		
1	Pedestal Bearing for Driving pulley SNA-509-1209K + H 209		02 nos
2	Bearing for Bottom UCT-208		04 nos
3	Bucket 6"		02 nos
4	Bucket fasteners 5/16' x 1-1/4' long		04 nos
5	Drive Sprocket - 1 " Pitch x 18 teeth		02 nos
6	Driven Sporcot -1 "Pitch x 18 teeth		02 nos
7	Driving Chain		1 set
8	Belt 8" wide 3 ply Nylon, 3mm top, 1.5mm bottom thickness food grade		76 mtr.
C	HAMMER MILL HS 80		
1	Bearing 22316k + H22316		04 nos
2	Beaters	M Type	48 nos
3	Distance Bush		48 nos
4	Sieves	6 mm Dia Hole/ 3 mm thk.MS	1 set
5	Vibration Dampers	Anti Vibration Dampers Super Mount PS5-3D	02 nos
6	HRC 180 rubber spider		10 nos
D	ONE TON BATCH MIXER		
1	Air cylinder Kit	1218K + H218	01 nos
2	Main Bearing - 1218K + H218 & 2218K + H318		02 nos
3	Plummer Block SNA-518		02 nos
4	Bearing for flap UCF-210		02 nos
5	Chain 1-1/2" Pitch Simplex		10 mtr.
6	Limit Switch	10A - 500 V	02 nos
E	PADDLE TYPE MOLASSES MIXER		
1	Beaters	50 X 10mm THK. SS304	1 set

2	Main Bearing	UCF-209, UCF-210	1 set
3	Oil Seals		1 set
4	Solenoid Valve		1 nos.
F	SENIOR PELLET MILL PS 420		
1	Main Drive Belt (Set of 9)	SPC -4750	2 set
2	Main Bearing	32224	2 set
3	Oil Seal 170 OD x 140 ID x 12		2 nos
4	Shear Pin		2 nos
5	Die Fixing Bolts		8 nos
6	Front Die Cover Fixing Bolts	$\frac{3}{4}$ X 2 ^{1/2} " Half thrad	8 nos
7	Front Die Cover	$\frac{3}{4}$ " X 2"	1 nos.
8	Limit Switch	10 A – 500 V	1 nos.
9	Wearing Ring		1 nos.
10	Wearing Ring Fixing Bolts		8 nos
11	Rear Scraper		1 nos.
12	Dial Thermometer	PT-100	1 nos.
13	Feeder Conditioner drive bolts (Set of 2 no.)		1 set
14	Die Holder		1 nos.
15	Roller Holder Shaft		1 nos.
16	Press Roll Assembly		2 nos
17	Press Roll shell	145Ø X 215Ø X 125mm LONG (20Kg)	15 nos
18	Eccentric shaft	105Ø X 255mm LONG (17.5Kg)	4 nos
19	Bearing Cover	100Ø X 155 X 25mm Thk.	04 nos
20	Distance Ring		02 nos
21	Packing Plate		4 nos
22	Packing Ring		4 nos
23	Clamping Nut	75Ø X 135Ø X 20mm Thk.	10 nos
24	Bolt Special	36Ø X 290mm Long	10 nos
25	Clamping device (outer & inner)		4 nos
26	Bearing	32217	4 nos
27	Feeder Conditioner Screw		1 nos.
28	Feeder Conditioner Bearing	6203ZZ	2 nos
29	Magnet		4 nos
30	Front Scraper Assembly		1 nos.
31	Main Body Bushes		2 nos
32	Cutting Knife		02 nos
33	Die 8 MM Dia		08 nos
G	SS ROTARY AIR LOCK		
1	Nylon Bush for airlock size 22/19 (35 dia x 45 dia x 28 thk)		10 nos
H	COUNTER FLOW PELLET COOLER		
1	Bearing for Eccentric Shaft	2218	2 nos
2	Spring - 45 OD x 37 ID x 100 mm long		4 nos
3	Rotary level indicator		1 nos.
4	Bearing on top tray 6205 zz		10 nos
5	Cooler feeder gear motor	HP-01, RPM-1420, KW-0.75, VFL RHS Box EFF1 motor	01 nos
I	PELLET SIEVE		
1	Springs		10 nos

2	Set of sieve		2 nos
3	Vibratory Motor	2HP, RPM 1440, KW-1.50, 415 Volt	1 nos.
J	ASPIRATION UNIT FOR HAMMER MILL		
1	Filter bags	Ø150 X 2060mm Long	16 bags
2	Clamps		16 nos
3	Sequential Timer		01 nos
4	Solenoid Valve	1.5" Dia	02 nos
K	SLAT CONVEROR		
1	Metal Wheels	125mm pitch X 6 teeth X 250 mm PCD X 15mm thk.	1 nos.
2	Circlip		60 nos
3	Chain 75 mm pitch		5 mtr
4	Drive Sprocket - 1 " P x 68 teeth Simplex		2 nos
5	Driven Sprocket - 1 " P x 14 teeth Simplex		2 nos
6	Drive Chain 1" Pitch		2 nos
7	Bearing UCF- 210, UCT - 210		10 nos

**CFF SAGAR REQ.
SUPER SENIOR PALLET MILL**

S.No.	Parts	Details	Nos. required
1	Coupling : F-110 Fenner make rubbe	F-110 Fenner make rubber Tyre couple	04
2	"V" belt	SPC-4750	35
3	Die	8 mm Tapper caller	04
4	Shear pin	-	100
5	Limit switch device	-	40
6	Pulley on machine	1200 mm dia 11 groove SPC section	01
7	Oil seal Front bearing	170x200x15/13	02
8	Lock pin or circlip of roller	-	30
9	Alen key holder bolt		30
10	Die ring		02
11	Scraper		06
12	Chuck nut of main shaft		10
13	Oil seal Rear bearing	140x170x15/13	2 no.
14	Main bearing cover plate (front & rear)	-	02
15	Main motor pulley	225 mm dia 11 groove SPC section	01
16	Conditioner Drive	Chain coupling 6018	02
17	Die hoist ARM	6010 zz	2 nos.
18	Door hinge bearings	6206 zz	4 nos.
19	Counter shaft bearing block	S -618	2 nos.
20	Press roll assembly	32220	10 nos.
21	Main bearing	Front-NU-328	02 no.
22	Counter shaft	22318k+H 2318	2 nos.
23	Front die cover	-	02
24	Chuck nut of Roller	-	30
25	Acrylic Glass 200 dia x 200nt. (For seght glass)	-	04

HAMMER MILL (FCS-100) with Asp. Unit

S. No.	Parts	Details	Nos. Required
1	Hammer Spacer Bush set	-	04
2	Coupling	F-100 rubber type couple	02
3	Main bearings	22319 K	02
4	Sleeves	H-2319	02
5	Main Bearings	UCF-208	2 Nos
6	Permananent Magnet	500X200mm	04 No
7	Hammer	EN-42 Number of hammers 72 nos, overall Dimension of beaters 142x63x8mm	03
8	Sieve	Thickness 2.5mm, Screen size 1475x675mm, Mesh width 4 mm	2 set
9	Vibration Dampers	VBP GS-2D polybond make	6 Nos.

FEEDER FOR HAMMER MILL

S. No.	Parts	Details	Nos. Required
1	Drive End bearing	UCF, F-208	02
2	Drive End bearing	F-208	02
3	Coupling	Chain coupling ' 1'pitch, 22 teeth simplex chain	01
4	Gear Box	PBL, Model M-062232 BGCH 1-1-5A	01

BATCH MIXTURE

S. No.	Parts	Details	Nos. Required
1	Coupling	F-60 Tyre Type	10 Nos
2	Air cylinder	50 dia 150 stroke double acting pneumatic cylinder	02 Nos
3	Main bearing	1216K	2 Nos.
4	Sleeve	H316K	2 Nos.
5	Pedestal S 516	S, 516	2 Nos

SLAT CONYEOR

S. No.	Parts	Details	Nos. Required
1	Wood slats	Seasoned wood Slat dimension 550x80x30	40 Nos
2	Bolts for fitting the slats	-	40 Nos
3	Chain for the conveyor		40 Nos
4	Gear Box	Elecon, Model 1044293	01 No
5	Motor	Siemens, Model E 0708/505840211004, 1.5 K / 2 HP	01 No

JOOT REMOVER

S. No.	Parts	Details	Nos. Required
1	Coupling size	F-70	2 Nos
2	Drive end bearings	SKF ,UKF-209	1 Set (2 Nos.)
3	Shaft end bearings	SKF ,UKP-209	1 Set (2 Nos.)
4	Rotor Shaft	Material : End Dia: 40mm Pin rods: MS 10mm dia	01 No
5	Gear Box	Bongfiglioli, AS30 PP90	01 No

MAIN INTAKE ELEVATOR

S. No.	Parts	Details	Nos. Required
1	Elevator Bucket	8" -2 Bolt bucket	200 Nos
2	Belt	Solivator 500	1000 Meter
3	Coupling	Direct coupling (size 6018 – Dia 48/Dia45)	01 No
4	Driven Section Bearing	UCF, SKF, F-208	02 Nos
5	Gear Box COUPLING	Bongfiglioli, AS45-PP112, 6018 (Dia 48/Dia45)	01 No.

MAIN INTAKE CHAIN CONVEYOR

S. No.	Parts	Details	Nos. Required
1	Bottom liner Plate	UHMWPE 10mm	02 Nos
2	Chain cleaning device	Brush	06 Nos
3	Wear rail	TiscRal or equivalent material	12 Nos
4	Side Plate thickness	H.R. IS 2062, 5mm, 4mm	05 Nos
5	Bottom plate Thickness	H.R. iS 2062, 5mm	05 Nos
6	Bottom wear plate thickness UHMW	10mm	05 Nos
7	Top Plate Thickness	3mm	05 Nos
8	Sprocket	4" pitch, 7 teeth, 65 Dia.	20 Nos
9	Drive section Bearing	UCF-NTN UCF-212	01 No
10	Driven section Bearing	UCF-NTN (UCF-208)	01 No
11	Gear Box Coupling	6018 (Dia 58/Dia 60)	02 Nos

CASCADE MAGNET AT ELEVATOR OUTLET

S. No.	Parts	Details	Nos. Required
1	Magnet unit	SS 304, Min. 6000 Gauss Swing type with pneumatic cylinder	04 Nos

DISTRIBUTION SCREW CONVEYOR

S. No.	Parts	Details	Nos. Required
1	Main screw pipe	Heavy duty 'c' class MS ERW pipe, Dia 76- c class	02 Nos
2	Drive end bearing	SKF, Flange Type ball bearing-FY510	02 Nos
3	Drive shaft bearing	EN 24	02 Nos
4	Driven end bearing	FY 510 SKF	02 Nos
5	Gear Box	Bongfiglioli, AS45 PP 112	02 Nos
6	Gear Box Coupling	5018 (Dia 48/Dia 45)	02 Nos

PNEU. Two way flap below distribution screw conveyors

S. No.	Parts	Details	Nos. Required
1	Connector	1/4"-8	01 No
2	Solenoid valve	MMFH-5-1/4 (Solinoid valve)	04 Nos
3	Solenoid Coil	MSFW/24-42-50/60 (Solenoid coil)	02 Nos

SCREW DISCHARGERS

S. No.	Parts	Details	Nos. Required
1	SCREW Dischargers	Eminence, SC-250, 1.53MX 08 Nos, 1.2MX 4 Nos, Screw Dia. 250 mm	03 Nos

2	Main screw pipe	Heavy duty 'c' class MS ERW pipe, Dia 76-C class	02 Nos
3	Gear Box	Bongfiglioli Model AS30PP90	01 No
4	Gear Box Coupling	5016 (Dia 38/Dia 30)	02 Nos
5	Drive shaft bearing	EN24	02 Nos
6	End bearing	SKF, Flange type ball bearing-F208	02 Nos

Pellet cooler Airlock

S. No.	Parts	Details	Nos. Required
1	Coupling Type	Simplex chain coupling	02 Nos
2	Bearing	F-201 TR Make	02 Nos
3	Rotor Type	Wane Type	02 Nos
4	Gear Box	PBL, M052236 BGCH 1-1-1A	02 Nos.

Cyclon And Airlock

S. No.	Parts	Details	Nos. Required
1	Sight Glass details for Airlock	Dia- 250	02 Nos
2	Gear Box- Airlock	PBL, Model C042045/WGHJA	01 No

PELLET SIEVE

S. No.	Parts	Details	Nos. Required
1	Bearing	TR, Bearing Model F-205	02 Nos
2	Sieve	Perforated, 2 decks	1 set

Air Compressure Unit

S. No.	Parts	Details	Nos. Required
1	Pressure Switch	Alfa, Model PR-9X, Range 2.5-9.5 kg/cm ²	02 Nos

PNEU. GATE BELOW BATCH WEIGHER

S. No.	Parts	Details	Nos. Required
1	Pneumatic cylinder	Festo, Pneumatic cylinder specification DNC-125-160-PPV-A	04 Nos
2	Pneumatic pipe	12 mm, Make of pipe janatics	02 Nos
3	Connector	½"-12 mm	02 Nos
4	Solenoid valve	MFH-5-1/2	04 Nos
5	Solenoid Coil	MSFG/24-42 – 50/60	02 Nos

BATCH CHAIN CONVEYOR

S. No.	Parts	Details	Nos. Required
1	Bottom liner Plate	UHMWPE 10mm	02 Nos
2	Wear rail	Tiscral or equivalent	02 Nos
3	Chain	Drag bush chain type link – C45/En8D 'Pin – 18 MnCr5/20MnCr6	02 Nos
4	Drive Bearing	UCF-NTN (UCF-212)	02 Nos
5	S rocket	4 "pitch. 7 teeth 65 Dia	02 Nos
6	Side plate thickness in mm	H.R. IS 2062, 5mm, 4mm	02 Nos
7	Bottom plate thickness	H.R. IS 2062, 5mm	02 Nos
8	Bottom wear plate thickness UHMW	H.R. IS 2062, 5mm	02 Nos
9	Top plate thickness in mm	H.R. IS 2062, 3mm	02 Nos
10	Intermediate plate thickness	H.R. IS 2062 3mm	02 Nos

11	Sprocket	4" pitch, 7 teeth, Dia. 65	02 Nos
12	Driven Bearing	UCF-NTN (UCF-208)	02 Nos
13	Zero Speed sensor (3 Wire)	-	02 Nos
14	Gear Box	Bongfiglioli, Model AS 60 DPP112	02 Nos
15	Coupling size	6018 (Dia 58/Dia 60)	01 No

BATCH CHAIN CONVEYOR-2

S. No.	Parts	Details	Nos. Required
1	Chain	Drag bush chain type (Link – c45/En8D ; Pin – 18MnCr5/20MnCr6)	02 Nos
2	Bottom liner Plate	UHMWPE 10mm	02 Nos
3	Wear rail	TISCERAL or equivalent material	02 Nos
4	Side plate thickness in mm	H.R. IS 2062, 5mm, 4mm	02 Nos
5	Bottom plate thickness	H.R. IS 2062, 5mm	02 Nos
6	Bottom wear plate thickness UHMW	H.R. IS 2062, 10mm	02 Nos
7	Top plate thickness in mm	H.R. IS 2062, 3mm	02 Nos
8	Intermediate plate thickness	H.R. IS 2062, 4mm	02 Nos
9	Sprocket	4" pitch, 7 teeth, Dia.65	02 Nos
10	Gear Box	Bongfiglioli, Model AS 60 DPP 112	01 No
11	Coupling size	6018 (Dia 58/Dia60)	02 Nos

Molasses mixer & Pellet mill conditioner

S. No.	Parts	Details	Nos. Required
	Feeder and Conditioner (Twin rotor condition) Knife	(ss-304)	
1	Main body plate	ss-304, 4mm Thk	50
2	Conditioner Paddle-	ss-304, 6mm Thk	50
3	Doors for cleaning	ss-304, 4mm Thk	50
4	Chain conveyor galls	30cm,19cm (30x19)	30
5	Pellet sieve	6x4 Feet (180cm x 120 cm) (screen size)	04
6	Perforated Sieve for Hammer Mill (FCS-100)	(4mm perforation)	01 (1 Set 02 Nos)
7	Wire Mesh for pellet sieve 4 mesh	-	01
8	Acrylic Glass 200 dia x 200 ht.	200 dia x 200 ht (for cyone glass)	05
9	Hammer spacer bush set	(20, 48& 58 mm long)	05
10	SUS Front die cover (pellet mill)	(TC M 20 Bolt)	01
11	SUSW SS End Cover	(SS-304 construction)	01
13	Roller Shells	"V" grooved for above Size 250mm OD 180mm ID (Suitable for bearing no. 32220, 182mm wide)	10

CFF SHIVPURI Spare Parts List

S. No.	Item Description	Qty	
(A)	SUPER SENIOR EX. WIDE PALLET MILL		
1	Die 8mm (Alloy Steel)	6	No
2	Press Roll Assembly (Gear Type)	8	Nos
3	Die Holder Capsule Assemble with T Shaft	1	Set
4	Die Holder Rear ring (Chrome Inside)	6	Nos
5	Die Holder Front ring (Chrome Inside)	6	Nos
6	Front Scapper Assemble	2	Nos
7	Front Scapper Holding Stud	2	Nos
8	Rear Scapper	2	Nos
9	SS Angel Needle Valve	1	Nos
10	Eccentric Shaft Gear Type	4	Nos
11	Press Roll Shell	10	Nos
12	Press Roll Cover	6	Nos
13	Press Roll Sealing ring	6	Nos
14	Press Roll middle ring	6	Nos
15	Nut For Eccentric Shaft	6	Nos
16	Die Holder Cover Front	1	No
17	Die Holder Cover Rear	1	No
18	T Shaft	1	No
19	Shear Pin	100	Nos
20	Counter Soft Pully With Shaft	1	No
21	Main Motor Pully (9Groove, Dia. X9SPC)	1	Nos
22	Conditional Drive	2	Nos
23	V- Belt (SPC 5000)	9	Nos
24	Fixing Gear For PRA	4	Nos
25	Tyre Coupling F- 110 Dia 065 (18 X 4.4) Dia 075 (18 X 4.4)	2	Nos
(B)	HAMMER MILL 75 HP		
1	M Type Beaters 140 X 50 X 6 (1 Set = 64 Nos.)	10	Sets
2	Perforated Sieve (1 set = 6 Nos.)	3	Sets
3	Beater Holding End Bush with Rod	18	Nos
4	Distane Bush	120	Nos
5	ALN KEY Bolt (8 mm)	120	Nos
6	Sieve Mounting Arrangement With Clamp	1	No
7	Tyre Coupling F- 110 Dia 055 (16 X 4.3) Dia 065 (18 X 4.4)	2	Nos
(C)	8" ELEVATOR BELT BUCKET		
1	Elevator Bucket (8" 3 Bolt Bucket)	40	Nos
2	Belt (10" Width, 10mm Thickness)	300 Mtr.	
3	Back Stop	3	Nos
4	Elevator Bottom Cage Type Drum With Shaft Assemble	4	Nos
5	Elevator Top Cage Type Drum With Shaft Assemble	4	Nos
(D)	MAIN INTEK CHAIN		
1	Bottom Liner Plate (10 mm)	2	Nos

2	Chain Cleaning Device (Brush)	4	Nos
3	Wear Rail (8 X 20 mm)	12	Nos
4	Wear Rail (10 X 60 mm)	12	Nos
5	Side Pellet Thickness (5 mm, 4 mm)	5	Nos
6	Bottom Plate Thickness (5 mm)	5	Nos
7	Bottom Wear Plate Thickness (10 mm)	5	Nos
(E)	GENERAL ITEMS		
1	Screw Conveyor Hanger Bearing (60 Dia.)	10	Nos
2	Slate Conveyor Chain	10 Mtr.	
3	High level/ Low level Sensor For Bins Hopper (KV 5004 KV-3000-BPKG/NI)	10	Nos
4	Air Cylinder Bor 63 X 300 For PN Side Gate With Seal Kit	3	Nos
5	Air Cylinder Bor 40X 100 For Two Way FlapeWith Seal Kit	3	Nos
6	Read Switch For Air Cylinder	10	Nos
7	Solenoid Valve 1/4 " BSP 5 Port	2	Nos
8	Senser Proximity Type For Rotery Distubutors	2	Nos
9	Gear Set For Pallet Mill Conditioner	2	Nos
10	Rubber GasKet	30 Mtr.	
11	Air Cylinder Bor 150mm X 200mm Stroke	2	Nos
12	CEE EM 45 Limit Switch (IP- 67)	5	Nos
13	Bagging Limit Switch XCKJ.LC (CENLEC EN 50041 IP- 66)	2	Nos
14	Pallet Coller Limit Switch BC 9	2	Nos
(F)	CHAIN CONVEYOR 240 X 400		
1	Raddler Chain (125mm Pitch X 220 Wide)	100 Mtr.	
2	Drive Side Spocket 6 T X 125mm PitchBoth side Boss having Bore Key Way with Shaft Assembled	3	Nos
3	Non Drive Side Spocket 6 T X 125mm Pitch Both side Boss having Bor Key Way with Shaft Assembled	3	Nos
4	Circlip (Roller assembly for 180 mm)	5	Nos
5	End Bush (Hammer mill for 8 mm)	5	Nos

CFF SHIVPURI (Description of Machines For Spare Parts)

SR	ITEM	QTY	GEAR BOX -BON MAKE				DRIVE	BORE		BORE	M/C	BELT /CHAIN	COUPLING
NO.			TYPE	RATIO	RPM	TEETH	SPROCKE T/PULLEY		TEETH		RPM		
1	ASPIRATION UNIT FOR DUMP HOPPER (3 HP - NG90L - 2880 RPM - B5 TYPE)	5	....	....	2880	....	....	....	....	....	....	.....
2	INTAKE CHAIN CONVEYOR (240 X 400 X 40M LG.) (10 HP - NG132ML - 1440 RPM - B5 TYPE)	1	AS 60 DP 30.2 P 132 B5 B3	30.2	48	17	1" DUPLEX	Ø60(18X4.4)	45	Ø58(16X4.3)	18	1" X 9'	
3	CROSS CHAIN CONVEYOR (240 X 400 X 30M LG.) (7.5 HP - NG132S - 1440 RPM - B5 TYPE)	1	AS 60 DP 30.2 P 132 B5 B3	30.2	48	17	1" DUPLEX	Ø60(18X4.4)	45	Ø58(16X4.3)	18	1" X 9'	
4	INTAKE ELEVATOR - 8" (27M LG.) (7.5 HP - NG132S - 1440 RPM - B5 TYPE)	1	AS 55 P 18.31 P 132 B5 B3	18.31	79	21	1" DUPLEX	Ø55(16X4.3)	25	Ø48(14X3.8)	66	1" X 9'	
5	JUTE REMOVER - 250 X 500 (2 HP - NG90L - 1440 RPM - B5 TYPE)	1	AS 35 P 29.45 P 90 B5 B3	29.45	49	17	1" SIMPLEX	Ø35(10X3.3)	17	Ø38(12X3.3)	49	1" X 6'	
6	CROSS SCREW CONVEYOR - (Ø305 X 305X 5.5 M LG.) (3 HP - NG100L - 1440 RPM - B5 TYPE)	1	AS 35 P 17.11 P 100 B5 B3	17.11	84	21	1" SIMPLEX	Ø35(10X3.3)	21	Ø48(14X3.8)	84	1" X 5'	
7	DISTRIBUTION SCREW CONVEYOR - (Ø305 X 305X 9 M LG.) (5 HP - NG112M - 1440 RPM - B5 TYPE)	3	AS 45 P 17.7 P 112 B5 B3	17.7	81	21	1" SIMPLEX	Ø45(14X3.8)	21	Ø48(14X3.8)	81	1" X 5'	

8	SCREW DISCHARGER - (Ø250 X 4.4M LG. & 4.8M LG.) - SET1 (5 HP - NG112M - 1440 RPM - B5 TYPE)	4	AS 45 P 12.89 P 112 B5 B3	12.89	112	17	1" SIMPLEX	Ø45(14X3.8)	17	Ø38(10X3.3)	112	1" X 5'	
9	SCREW DISCHARGER (Ø250 X 1.5, 1.8, 2.7 & 2.9M LG.) - SET2 (3 HP - NG100L - 1440 RPM - B5 TYPE)	8	AS 35 P 17.11 P 100 B5 B3	17.11	84	17	1" SIMPLEX	Ø35(10X3.3)	17	Ø38(10X3.3)	84	1" X 5'	
10	BATCH CHAIN CONVEYOR (240 X 400 X 5.8M LG.) (3 HP - NG100L - 1440 RPM - B5 TYPE)	1	AS 45 P 27.45 P 100 B5 B3	27.45	52	17	1" SIMPLEX	Ø45(14X3.8)	45	Ø48(14X3.8)	20	1" X 8'	
11	BATCH ELEVATOR - 8" (12.1M LG.) (5 HP - NG112M - 1440 RPM - B5 TYPE)	1	AS 45 P 17.7 P 112 B5 B3	17.7	81	21	1" DUPLEX	Ø45(14X3.8)	25	Ø48(14X3.8)	68	1" X 8'	
12	ROTARY FEEDER FOR HAMMER MILL (1 HP - ELCEN MAKE - 1440 RPM - B5 TYPE)	1	AS 30 P 24.19 P 80 B5 B3	24.19	60	17	1" SIMPLEX	Ø30(8X3.3)	17	Ø35(10X3.3)	60	1" X 5'	
13	HAMMER MILL - FCHM 7560 (60 HP - ND225M - 2880 RPM - B3 TYPE)	1	DIRECT COUPLED		2880	.....	.....	.....	.....	.....	.....	.....	F-110 B (TYRE COUPLING) Ø55(16X4.3) Ø65(18X4.4)
14	ASPIRATION UNIT FOR HAMMER MILL (5 HP - NG100L - 2880 RPM - B5 TYPE)	1			2880	...	.....	.....	.....	.....	.....	.....
15	POWDER CHAIN CONVEYOR (240 X 400 X 5M LG.) (3 HP - NG100L - 1440 RPM - B5 TYPE)	1	AS 45 P 27.45 P 100 B5 B3	27.45	52	17	1" SIMPLEX	Ø45(14X3.8)	45	Ø48(14X3.8)	20	1" X 8'	

16	POWDER ELEVATOR - 8" (15M LG.) (5 HP - NG112M - 1440 RPM - B5 TYPE)	1	AS 45 P 17.7 P 112 B5 B3	17.7	81	21	1" DUPLEX	Ø45(14X3.8)	25	Ø48(14X3.8)	68	1" X 8'	
17	BATCH MIXER - 1 TON (RIBBON TYPE) (20 HP - ND160L - 1440 RPM - B3 TYPE)	1	AS 60 P 10.12 P 160 B5 B3	10.12	142	14	1 1/2" SIMPLEX	Ø60(18X4.4)	72	Ø65(18X4.4)	20	1" X 12'	
18	CHAIN CONVEYOR B.H.B.B.M (240 X 400 X 4M LG.) (3 HP - NG100L - 1440 RPM - B5 TYPE)	1	AS 45 P 27.45 P 100 B5 B3	27.45	52	17	1" SIMPLEX	Ø45(14X3.8)	45	Ø48(14X3.8)	20	1" X 8'	
19	MIX FEED ELEVATOR - 8" (24.6M LG.) (7.5 HP - NG1325 - 1440 RPM - B5 TYPE)	1	AS 55 P 18.31 P 132 B5 B3	18.31	79	21	1" DUPLEX	Ø55(16X4.3)	25	Ø48(14X3.8)	66	1" X 9'	
20	FEEDER FOR PELLET MILL (5 HP - ELCENMAKE - 2880 RPM - B5 TYPE)	1	AS 30 P 6.93 P 112 B5 B3	6.93	416	5	" X 2B	Ø30(8X3.3)	6	Ø38(10X3.3)	346	B-55 (2 NOS)	
21	TWIN ROTOR MOLASSES MIXER -650X2000 LG. (15 HP - ND160M - 1440 RPM - B5 TYPE)	1	AS 55 P 5.07 P 160 B5 B3	5.07	284	27	1-1/4" DUPLEX	Ø55(16X4.3)	21	Ø50(14X3.8)	365		
22	MOLASSES DOSING PUMP (3 HP - NG100L - 1440 RPM - B3 TYPE)	1	.....		1440	.....	..... .....	....	.....	....	...	.....
23	MOLASSES FEEDING PUMP / TRANSFER PUMP (2 HP - NG90L - 1440 RPM - B3 TYPE)	1	.....		1440	4	" X2B	....	12	....	.....	B-58 (2 NOS)	

24	TWIN PADDLE CONDITIONER R- 150x2000 (7.5 HP - NG1325L - 1440 RPM - B3 TYPE)	1	.....	1440	4	" X3 B	Ø38(10X3.3)	18	Ø55(16X4.3)	320	B-87 (2 NOS)	
25	PELLET MILL - SUPER SENIOR (120 HP - ND280M - 1440 RPM - B5 TYPE)	1	..... ...	1440	224	DIA X9 SPC	....	1200	AS PER DIE HOLDER	269	SPC -5000 (9 NOS.)	F-110 Ø65(18X4.4) Ø75(20X4.9)
26	INLET FEEDER FOR PELLET COOLER -1919 (1.5 HP - NG90S - 1440 RPM - B5 TYPE)	1	AS 35 P 32.8 P 90 B5 B3	32.8	44	.....	....	....	.....	...	.....	F-70 Ø35(10X3.3) Ø38(10X3.3)
27	PELLET COOLER - 1919 (3 HP - ELCEN MAKE - 1440 RPM - B5 TYPE)	1	AS 55 DP 54.9 P 100 B5 B3	54.9	26	..... ....	Ø55(16X4.3)	....	.....	...	.....
28	PELLET CHAIN CONVEYOR (240 X 400 X 4.5M LG.) (3 HP - NG100L - 1440 RPM - B5 TYPE)	1	AS 45 P 27.45 P 100 B5 B3	27.45	52	17	1" SIMPLEX	Ø45(14X3.8)	45	Ø48(14X3.8)	20	.....
29	PELLET ELEVATOR - 8" (18M LG.) (5 HP - NG112M - 1440 RPM - B5 TYPE)	1	AS 45 P 17.7 P 112 B5 B3	17.7	81	21	1" DUPLEX	Ø45(14X3.8)	25	Ø48(14X3.8)	68	1" X 8'
30	PELLET COOLER BLOWER (25 HP - ND180M - 1440 RPM - B3 TYPE)	1	.....	1440			..... .....	....	...	....	...	.....
31	PC AIR LOCK - DIA 200 (RICON MAKE) (1 HP - NG80 - 1440 RPM - B5 TYPE)	1	AS 30 P 36.82 P 80 B5 B3	36.82	39	15	1" SIMPLEX (BY RICON)	Ø30(8X3.3)	25	Ø32(8X4)	23	1" X 5' (BY RICON)
32	SLAT CONVEYOR - 3" (14 M) (3 HP - NG100L - 1440 RPM - B5 TYPE)	1	AS 45 DP 38.2 P 100 B5 B3	38.2	38	17	1" SIMPLEX	Ø45(14X3.8)	45	Ø40(12X3.3)	14	1" X 11'

33	ASPIRATION SYSTEM - PW BINS (7.5 HP - NG1325 - 2880 RPM - B3 TYPE)	1	.....		2880		.....	.....	...	.....	...	.....
34	AIR LOCK - DIA 200 (RICON MAKE) (1 HP - NG80 - 1440 RPM - B5 TYPE)	1	AS 30 P 36.82 P 80 B5 B3	36.82	39	15	1" SIMPLEX (BY RICON)	Ø30(8X3.3)	25	Ø32(8X4)	23	1" X 5' (BY RICON)	
35	ASPIRATION UNIT FOR ELEVATORS (1 HP - NG80 - 2880 RPM - B5 TYPE)	5	..... ...		2880		..... .....	.....	....	.....	...	.....
36	AIR COMPRESSOR (20 HP - NG160L - 1440 RPM - B3 TYPE)	1	..... ...		1440		..... .....	.....	....	.....	..	.....

(To be executed on Non-judicial Stamp Paper value Rs. 1000/-)

PURCHASE AGREEMENT

This AGREEMENT is made this day----- between M/s----- here in after Call the contractor / supplier which expression shall where the context so admits include heirs, executors successors administrators and assignees) on the **FIRST PARTY** AND Bhopal Sahakari Dugdh Sangh Maryadit Bhopal through its Chief Executive Officer (hereinafter call the **SECOND PARTY** which expression shall be in context to include his successors in the office).

WHERE AS the contractor / supplier has offered to Spares Parts confirming to as per tender No ----- Dated -----to the nominated consignee as specified in the tender document is Rs. ----- FOR Pachama as per terms and conditions of this Tender with the Cattle Feed Factory Pachama. Agreement will be effective for a period of One Year from the date of awarding contract. The contract period can be increased for One Year mutually. Where as once firm delivery dates are communicated by Cattle Feed Factory, Pachama the same be strictly adhered to and essence of the contract. the supplies should be made as given schedule, In case they are not followed Chief Executive Officer, Bhopal Sahakari Dugdh Sangh Maryadit Bhopal reserves the right to make alternative purchases from open market and the difference of cost, if any shall be recoverable from the defaulting supplier. In case the supplies are not affected as per schedules the liquidated damages may be charges may be charged on the good not so delivered as under:-

Duration of delay	Penalty
a) One Week	1% of the value of goods.
b) Two Week	2% of the value of goods.
c) Beyond two weeks	The Purchase order shall be treated as cancelled and the EMD may be forfeited.

Where as our normal terms of payment are 80% payment on acceptance of material and 20% after inspection. The payment shall be made by accounts payee Cheque only.

Where as No price escalation shall be give in contract period.

Where as material do not confirm the above standard. The same shall be liable for rejection / rebate and first party has to lift the material at his own cost with in 7 days. Delay in lifting shall attract storage charges as per the rule of CFF, Pachama.

Now therefore the agreement witnesses and it is hereby agreed in accordance with terms and conditions of tender Document.

Witness:

Signature of Contractor
Firm Rubber Stamp
(1st Party)

Chief Executive Officer,
BSDS
(IInd Party)

Witness :

(1).....
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(2)
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Witness :

(1).....
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