

**THE PURNA SAHAKARI SAKHAR KARKHANA LTD.
BASMATHNAGAR DIST.HINGOLI - 431512.**

Call for Letter of Intent to buy

**PURNA SAHAKARI SAKHAR KARKHANA LTD.
UNIT NO. 2
BARASHIV HANUMAN NAGAR JAWALABAZAR
TQ.AUNDHA (NAG.) DIST.HINGOLI.**

THE PURNA SAHAKARI SAKHAR KARKHANA LTD.

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I) ADVERTISEMENT
ON 26/12/2019 IN SAKAL, LOKMAT & DAILY ECONOMIC TIMES

PURNA SAHAKARI SAKHAR KARKHANA LTD.BASMATHNAGAR.
DIST.HINGOLI

SUGAR PLANT FOR SALE

Profit making running sugar plant Purna ssk ltd. unit no.02 Barashiv Hanuman Nagar Jawalabazar Tq.Aundha (Nag.) Dist.Hingoli, is for sale for Rs.38.03 crore. About for details visit website www.purnasakhar.com. Sale offer till 25th January 2020.

Contact Managing Director on Mob.No. 8552072444 Mail ID-
purnasakhar@hotmail.com

MANAGING DIRECTOR

पुर्णा सहकारी साखर कारखाना लि.वसमतनगर
जि.हिंगोली.

साखर कारखाना विक्रीबाबत

पुर्णा सहकारी साखर कारखाना लि. यु.क्र.०२ बाराशिव हनुमाननगर, जवळाबाजार ता. ओंढा (ना.) जि.हिंगोली हा उत्पादन देणारा साखर कारखाना रु.३८.०३ कोटीस विक्री करावयाचा आहे. याबाबत अधिक माहितीसाठी कारखान्याचे www.purnasakhar.com या वेबसाईटवर भेट द्यावी. विक्री ऑफर दि.२५ जानेवारी २०२० पर्यंत राहिल. संपर्कासाठी कार्यकारी संचालक मो.नं.८५५२०७२४४४, ईमेल purnasakhar@hotmail.com वर संपर्क साधावा.

कार्यकारी संचालक

II) INTRODUCTION

Purna sahakari Sakhar Karakhana ltd. Basmatnagar, here by calls for Letter of Intent to buy the following sugar plant wholly owned by them and under their sole possession.

Brief Description of the Properties:-

Purna Sahakari Sakhar Karkhana Ltd. Unit No. 2 Barashiv Hanuman Nagar Jawalabazar Tq. Aundha (Nag.) Dist. Hingoli is situated at JAWALABAZAR. It is 40 Km. away from the Basmathnagar City and about 15 kms. from Parbhani - Nanded highway. It has Sufficient quarters constructed at karkhana site, adequate water storage facility and electricity supply is available. Plant is in running condition.

Purna ssk Ltd. unit no.02 Key highlights of plant

- Plant commissioned in 1998. The plant is manufactured by M/s. Walchandnagar Industries Ltd.,
- The total area of plant 44.77 HR with residential complex campus.
- Current capacity 2500 TCD expandable to 3500 TCD
- Two Sugar godowns of 1.00 Lakh quintal storage capacity each.
- Performance of last 3 years.

Crushing Season	Cane Crushing (M.T.)	Sugar Production (Qtls.)	Recovery (%)
2015-16	249281.910	264900.00	10.63
2017-18	224430.000	228450.00	10.18
2018-19	285941.047	328200.00	11.48

Sr.No.	Plantation Season	Crushing Season	Area (In Hect.)
01	2013-14	2014-15	7693.25
02	2014-15	2015-16	6266.13
03	2015-16	2016-17	2213.88
04	2016-17	2017-18	6081.23
05	2017-18	2018-19	7696.39
06	2018-19	2019-20	4608.48

- Ethanol project 45 KLPD has been sanctioned by DFPD New Delhi.

Location Profile :-

1. Plant is located in Marathwada region of Maharashtra Dist. Hingoli. Well connected with state highway.
2. Nearby dam Yeldari 75 KM. & Siddheshwar 45 Km.

III) GENERAL CONDITIONES

- 1) Sugar plant is to be sold along with all assets including land, plant and machinery, buildings and associated infrastructure detailed herein on "AS IS WHERE IS, AS IS WHAT IS AND WHATEVER THERE IS BASIS EXCLUDING MOLASSES,SUGAR STOCK,BAGASSE AND STORE MATERIAL".
- 2) The property shall be handed over free of any dues and defaults.

Willing buyers may enclose following documents along with the Letter of Intent to Buy the Sugar Plant.

Registration certificate / partnership deed / MOU regarding buying the unit.

- i) Write up in short regarding his exposure to sugar industries.
- ii) Document showing financial situation of the buying establishment.

If the offer in the letter of intent of the intended buyer is accepted, he shall make payments in the following manner.

Payment terms will be discussed & decided

Letter of sale shall be issued with in 7 days of the receipt of the letter of intent to buy the plant by Purna SSK ltd.,

Plant shall be handed over to the buyer immediately after the final payment.

Sugar, Molasses, Bagasse and store material which are not included in the sale, but are in the premises of the sugar plant for sale, shall be removed from the sold factory premises with in three month from the date of handing over the possession.

FOR PURNA SSK LTD;

MANAGING DIRECTOR

IV) DETAILS OF SECURED ASSETS - IMMOVABLE ASSETS/PROPERTIES

The brief description of the properties land.

Sr. No.	Name Of Village	Gut No.	Area HR
1	ASOLA	180	01.32
2	--- " ---	181	00.50
3	--- " ---	182	03.00
4	--- " ---	183	01.89
5	--- " ---	184	01.89
6	--- " ---	185	03.78
7	--- " ---	186	03.91
8	--- " ---	187	03.52
9	--- " ---	188	01.67
10	--- " ---	189	02.21
11	--- " ---	190	14.73
12	--- " ---	223	01.60
13	--- " ---	251	00.15
	Sub Total		40.17
14	PURJAL	237	00.60
15	--- " ---	238	00.80
16	--- " ---	239	00.80
17	--- " ---	240	02.40
	Sub Total		04.60
	Total		44.77

Buildings Details

Sr. No.	Name of Work	Type of Construction	Area (Sq. mt.)
1	Sugar Go down No 1,2 (ground floor structure, wall, plaster, rolling shutter height about 30 ft. A. C. sheet roofing, structural steel framework for roof support etc.) Lime Sulphur Godown, Godown Office	Permanent	6402.70
2	Main Factory Building, AC sheet roof, Ht 23m, above ground level, Workshop- building E.T.P. and other related constructions.	Permanent	18035.37
3	Water Storage Tank(UCR wall with RCC pardi, Concrete flooring, Ht about 12ft etc)	Permanent	2435.00
4	D Type Quarters (4 nos. (Load bearing structure +RCC slope slab)	Permanent	4499.00
5	E Type No 40 Slopping roof (Load bearing structure +RCC slope slab)	Permanent	
6	E Type Quarters (New 10 nos. Slopping roof Load bearing structure)	Permanent	
7	H Type quarters(18 nos. Slopping roof, Load bearing structure)	Permanent	
8	G Type quarters(Twin type,(25 nos. Slopping roof Load bearing structure +RCC slope slab)	Permanent	
9	G Type Single No 30 Slopping slab (Load bearing structure +RCC slope slab)	Permanent	
10	Chatai chal double 07	Temporary	---
11	Hamal chal single 20	Temporary	---
12	L.W.O & Time Office General office, C.A.O. & other	Permanent	1497.00

V) Machinery details

FORM I (1)	
CENTRAL SUGAR FACTORIES SCHEDULE OF MACHINERY	
NAME & ADDRESS	PURNA S.S.K.LTD., UNIT NO.2 BARASHIV HANUMAN NAGAR JAWALABAZAR.TQ. AUNDHA (NAG.) DIST. HINGOLI.PIN CODE- 431705
PHONE NO	[02454] 240129 Fax [02454] 240134
EMAIL	barashivpurnassk3@gmail.com
GRAM	PURNASAKHAR
REG. NO. OF FACTORY	PBN/BMT/PRG(A) S-67/1996
CENTRAL EXCISE REGISTER NO	CEX/NED/RC-3/CH-17/98 DT,22/09/98
ECC NO	AAAPO899BEM-004
LOCATION CODE OF FACTORY	130502
PLANT CODE NO	49701
PLANT CAPACITY	2500 TCD
MACHINERY SUPPLIED BY	WIL PUNE
1) CANE WEIGHTING SYSTEM	For Truck & Tractors A) Make :- Tula B) Capacity :- 50 MT C) Plat from size :- 3 x 14 mtr. D) No. of bridge :- 2 Nos. Load calls – 06 Nos For Bullock Carts A) Make :- Tula India B) Capacity :- 15 MT C) Plat from size :- 6000 x 3000 mm D) No. of bridge :- 2 Nos.
2) CANE UNLOADING QUIPMENT & SYSTEM	A) No. of Cranes :- 2 Nos. B) Cane Unloaded capacity :- 5 MT/ SWL C) Make :- D) No of motion :- Three E) Gantry Span :- 24 mtrs. F) Length of gantry :- 40 mtrs. G) H.P./ RPM of hoist motor :- 20 HP/974 RPM H) Height of lift :- 9 mtrs. I) H.P./ RPM of cross travel :- 6 HP/950 RPM J) H.P./ RPM of long travel :- 7.5 HP K) Speeds :- a) Hoisting :- 9 mtrs./min b) Holding :- 9 mtrs./min c) Long Travel :-15 mtrs./min d) Cross Travel :-15 mtrs./min
3) ROTATING TYPE TIPPLER	Capacity : 50 MT, H.P. : 25 Max Tilting 55 °C Platform Size : 9200 x 3250 x 5 mm Hydraulic pump : 61 LPM. Cycle Time : 5-6 Min Number of Cylinder : 8 Nos. Working Pressure 110bar
FEEDER TABLE	A)Nos. :- Two B)Type :- Drag type chain C)Size :- LXW-6000 X 7000 mm D)Drive :- HP/RPM – 15/1455 E)Gear Box ratio :- 40:1 F)No. of Stands :- Eight G)Coupled through dyno-drive Reddy Current Cop.
CANE KICKER	A) No. :- One B) HP/RPM :- 40/1470 C)No. of knives :- 24 D) Final RPM :- 59 E) Gear ratio :- 25:1 F) Swing diameter :- 1400 mm
CANE LEVELLER	A) Make :- WIL B) Make of motor :- GEC ALSTHOM

		C) Motor type :- A. C. Induction motor D) RPM :- 585 E) K.W. :- 187 F) No. of knives :- 32 G) Cutting diameter :- 1600 mm H) Clearance between leveler knives tip & slat of C/C-2
	FIBRIZOR	A) Make :- MERU B) Type :- Swing hammer C) Swing Dai :- 1675 mm D) Rotor RPM :- 690 E) NOS. OF Hammer -105
	a) Drive	Turbine of Bellis India Ltd. i) Type :- SS-26 M ii) Max. inlet pressure :- 32 kg/sq.cm iii) Max. inlet temp. :- 390°C iv) Max. Exhaust Press :- 1.5 kg / sq. cm v) Max. O/P :- 1000 B.H.P. vi) Gear box (Make) :- WIL vii) Type :- GN – 36 viii) Ratio :- 4000:690
	CANE CARRIER	A) Type :- Apron B) Width :- 1700 mm C) Length between C to C :- 52943 mm + 15000 mm 67943mm D) Inclined length :- 22683 mm E) Angle of inclination :- 15 & 6 F) Horizontal length :- 30260 mm G) Elevation of shaft :- 1998 mm H) Three strands of chain having pitch:-150 mm
	a) Drive	i) Make :- GEC ALSTHOM ii) K W / H.P. :- 37 / 50 iii) R.P.M. :- 1473 iv) Coupled through dyno speed v) Reduction gear box vi) Ratio :- 25 : 1
	MILLS	One Mill tandem of four mills X twelve rollers First to last mills are standard design WIL make. C.I. heavy duty U.F.R to all mills S.S. Donnelly chute to all mills. A) Speed of roller :- 4.5 R.P.M. Dia Length B) Roller size :- 910 X 1700 mm C) U.F.R. size :- 800 X 1700 mm D) Journal size :- 430 X 540 mm
	a) Hydraulic system	i) Make :- Merlin Maschinenabrik ii) Capacity :- 600 kg / sq. Cm iii) Model :- CP

DETAIL OF MILL TANDUM

Details	Mill No.1	Mill No.2	Mill No.3	Mill No.4
Make	WIL	WIL	WIL	WIL
Roller Diameter U.F.R.	800	800	800	800
Top	910 -897	910 -895	910 -896	910 -911
Feed	910 -886	910 -872	910 -871	910 -901
discharge	910 -912	910 -899	910-908	910 -808
Shell Length	1700	1700	1700	1700
Circum frontal grooving	---	---	---	---
a) Pitch	50	50	30	30
b) U.F.R. Opening	175	170	130	130
c) Angle & Depth of	---	---	---	---
Feed	40 / 52	40 / 52	40 / 33	40 / 33

	Top	55 / 40	55 / 40	55 / 24	55 / 24
	Discharge	45 / 46	45 / 46	45 / 30	50 / 26
	U.F.R.	40 / 40	40 / 40	40 / 22	40 / 22
	d) Chevron groove on	Arcking			
	Feed	YES	YES	YES	YES
	Top	YES	YES	YES	YES
	e) Pitch of me chart groove	100	100	60	60
	f) Average mill setting at rest	---	---	---	---
	Feed	48	42	38	33
	Discharge	20	16	14	13
	Trash	84	75	67	59
	Apex angle	72	72	72	72
	g) Slop	4%	4%	4%	4%
	h) Hyd. Ram Dia	325	325	325	325
	i) Total load Kg/ Sq.Cm	180	180	180	180
	Mill Drive	a) No. Of steam Turbine :- Four b) Make :- Bellis India Ltd. c) H.P. :- 500 B.H.P. d) Steam pressure :- 32 Kg / Sq. Cm e) Exhaust. Pressure :- 1.5 Kg / Sq. Cm			
	Gearing Arrangement (High speed gear box)	a) Make :- WIL b) Type :- GN- 28 c) Ratio :- 4000 : 686			
	FMG GEAR BOX (Low speed gear box)	a) Make :- WIL b) Type :- WCN- 630 c) Ratio :- 686 : 20.16			
	MASTER GEAR	a) Ratio :- 20.16 : 4.5			
	ROTORY JUICE STAINER COMPLETE UNIT	1) Make :- WIL 2) Size :- dia 1800 X 2300 mm long. 3) H.P. / R.P.M. :- 7.5 / 720 4) Speed reduction gear box 5) Ratio :- 50 : 1			
	RAKE CARRIER	1) Size :- 1680 mm 2) Length :- Horizontal 5287 mm Inclined 20805 mm Total 26092 mm 3) Angle of inclination :- 45 c 4) No. of Rake :- 85 5) H.P. / R.P.M. :- 50 / 1473 6) Make :- GEC ALSTOM 7) Coupled through dyno -drive 8) Speed reduction gear box 9) Ratio :- 50 : 1 L 10) Chain Drive			
	ENTER RAKE CARRIER	1) No. of :- Three 2) Length :- " C " to " C " :- 8383 cm 3) Angle of inclination :- 45 c 26 4) No. of Rake :- 29 Nos 5) H.P. / R.P.M. :- 25 / 1460 6) Speed Reduction gear box 7) Ratio :- 50 : 1 L 8) Chain Drive			
	BAGASSE ELEVATOR	1) Rake :- Rake type 2) Pitch of chain :- 150 mm 3) No. of rake :- 69			

		4) Length :- 5) H.P. / R.P.M. :- 40 / 1470 6) Reduction gear box
	BAGASSE CARRIER	1) Horizontal " C " to " C " Length :- 58900 cm 2) Type :- Slate type 3) Wirth :- 1680 mm 4) No of Slate :- 160 5) H.P. / K.W. :- 50 / 37 6) R.P.M. :- 1473 7) Reduction gear box 8) Ratio :- 40 : 1 R
	IMBIBITION 50 M3 /Hr. Cap. for Juice	METER EMFM-DN-150 PTFE-SS 316-CS-SR 1000 A PLUS RMT Electromagnetic flow meter- full bore flanged type
	BAGASSE BAILING M/C	No 1] Capacity;-2.5t/Hr No 2] Capacity 2.5t/Hr
	STEAM & POWER PLANT	
	BOILERS	1) Make :- WIL 2) No of :- Two 3) Type :- Water Tube Boiler 4) H.S. of Economizer :- 210 Sq. m each 5) H.S. of Super Heater :- 88 Sq. m each 6) H.S. of Boiler (Total):- 1150 Sq. m each 7) Working pressure :- 32 K.G. / Sq. m 8) Capacity :-32 tones / Hr each 9) Type of furnace :- Dumping grate 10) Super Heater Temp. :- 380` C + (-) 15` C
	ECONOMISER	1) No :- Two 2) Make :- WIL 3) H.S. :- 210 Sq. m
	CHIMENY	1) Material :- RCC 2) No of :- ONE 3) Type :- Self Supporting 4) Diameter :- 3 Mtr. Internal 5) Height :- 60 Mtrs.
	FLY ASH ARRESTER	1) No :- Two 2) Make :- Universal 3) Type :- Multi cyclone type
	DRAUGHT ARRANGEMENT	
	F.D. Fan	1) Nos. :- Two 2) Make :- Universal Fan Pvt. Ltd. 3) Capacity :- 16.7 Cub. M / Sec. 4) Fan Speed :- 1440 R.P.M. 5) Motor H.P. :- 100 6) Motor R.P.M. :- 1480 7) Make :- GEC ALSHOM
	I.D. Fan	1) Nos. :- Two 2) Make :- Universal Fan Pvt. Ltd. 3) Capacity :- 3402 Cub. M / Sec. 4) Fan Speed :- 750 R.P.M. 5) Motor H.P. :- 270 6) Motor R.P.M. :- 1500 (D.C. Drive) 7) Make :- Kirlosker electrical co.
	S.A. Fan	1) Make :- Universal Fan Pvt. Ltd. 2) Capacity :- 4.5 Cub. M / Sec. 3) Motor H.P. :- 75 4) Motor R.P.M. :- 1475 5) Make :- GEC ALSTOM 6) Fan R.P.M. :- 1440
	BOILER FEED PUMP	Pump : 1) Nos :- Three 2) Make :- K S. B. 3) Type :- WL 65 – 011 4) Capacity :- 50 Cub. M / Sec.

		5) Head :- 450 Mtrs. Motor :- 6) Make :- GEC ALSHOM 7) Type :- 3 Ph S. Q. cage induction motor
	TURBO FEED PUMP	1) No :- One 2) Make :- K S. B. Pump Ltd. 3) Type :- WL 100 – 7 4) Capacity :- 135 Cub. M / Sec. 5) Head :- 450 Mtrs.
	TURBINE DETAILS	1) Make :- BELLIS INDIA LTD. 2) Type :- SS 4 A 3) H. P. :- 300 / 400 4) R.P.M. :- 7000 5) Gear Box :- GN 16 6) Make :- WIL 7) Speed reduction :- 7000 : 2975
	FEED WATER TREATMENT ARRANGEMENT	D. M. Plant of Aquatech make with Cation, Anion & mixed bed resins is installed Capacity 15 Tones per Hour Boiler chemical are used to maintain the PH sulphate , phosphate etc.
	POWER PLANT	
	T.G. Set Turbine Details	1) No of :- One 2) Capacity :- 2500 K.W. 3) Make :- Bellis India Ltd. 4) R.P.M. :- 6000 5) Input pressure :- 32 kg / Sq. Cm 6) Exhaust pressure :- 1.5 kg / Sq.Cm
	T.G.Set high speed gear box	1) No of :- One 2) Make :- WIL 3) Ratio :- 6000 : 1500 R.P.M.
	Alternator Details	1) Make :- Bharat Heavy Electric . Ltd. 2) Type :- Synchronous Generator 3) Capacity :- 2.5 M.W. 4) R.P.M. :- 1500
	Exciter	1) Make :- Bharat Heavy Electric . Ltd. 2) Current / Voltage :- 102 Amp /421 Volt
	Air Circuit Breaker	1) No of :- Two 2) Make :- L & T 3) Capacity :- 3200 Amp.
	CLARIFICATION PLANT	
	FLOW METER 160 M3 /Hr. Cap. for Juice	METER EMFM-DN-150 PTFE-SS 316-CS-SR 1000 A PLUS RMT Electromagnetic flow meter- full bore flanged type
	JUICE HEATER	Total five nos . high velocity type juice heater having heating surface area of 170 Sq. mtr. each from which one juice heater is in the path of vapour line of last body. Our these five J.H. two nos. are used as Raw Juice Heater and two nos. are used as a Sulphur Juice Heater. One is used for standby for cleaning purpose Its details are as below.
		1) Make :- WIL 2) Heating surface area :-170 Sq. mtr. 3) Tube length :- 4100 mm 4) I.D. of Tube :- 42 mm 5) O.D. of Tube :- 45 mm 6) Total No. of Tube :- 308 7) Metal of Tubes :- S.S. 8) No of passes :- 22 9) No of Tube per pass:- 14
	PRE HEATER	Make :- WIL One no of juice heater is used for clear juice heating purpose and having 170 Sq. M Heating

		Surface area.
	JUICE SULPHITATION TANK	One No. continuous juice sulphitation tank having stirrer arrangement with SO2 absorption tower & correction tank. 1) Diameter (O.D.) :- 2460 mm 2) Cylindrical height :-4380 mm 3) Working height :- 4) Conical height :- 730 mm 5) Stirrer RPM :- 16 .17
	SETTLERS	1) No of :- One 2) Make :- M/s Jord Engineers India Ltd. 3) Type :- 4,4,4 continuous juice clarifier 4) Size :- diameter 9144 x 6096 5) Juice holding capacity :- 410 cub.m
	SULPHUR GAS PLANT	
	SULPHUR FURNACE	FURNACE 1) No :- 3 Nos. 2) Type :- Continuous sulphur burner 3) Capacity :- 70 Kg / Hr. 4) Tray area :- 0.6 Sq. M Out of three one is used for juice & one is used for syrup sulphitation and other one is used as a stand by unit.
	AIR COMPRESSOR	A) No :- One 1) Make :- Ingersoll Rand 2) Reciprocating air compressor 3) Type :- ESV 1 LUB 4) Size :- 8 " x 5 " 5) RPM :-750 Max 6) Used for centrifugal machine 7) Discharge pr. :- 100 PSIG B) Nos :- Two 1) Make :- Ingersoll Rand 2) Reciprocating Compressor 3) Type :- ESV- 2 LUB 4) Size :- 9 ½ " x 7 " 5) RPM :-514 Max 6) Delivery pressure. :- 100 PSIG 7) Used :- Out of two one is used for juice sulphitation & one is stand by. C) Nos :- Two 1) Make :- Ingersoll Rand 2) Reciprocating air compressor 3) Type :- ESV 1 LUB 4) Size :- 8 " x 5 " 5) RPM :-750 Max 6) Discharge pr. :- 100 PSIG
	ROTARY VACCUM FILTER	1) No of :- Two 2) Make :- M/s Jord Engineers India Ltd. 3) Type :- Rotary vaccum filter 4) Drum Size :- 2440 mm dia x 4880 mm len. 5) Filtering area :- 36 Sq.m 6) Screen size :- 320 wide x 2440 mm long with 625 holes / Sq. inch.
	AIR PUMPS (VPUMPS)	1) Nos. :- One 2) Make :- Kakati 3) Type :- Liquid ring vaccum pump

		4) Discharge :- 12 Cub.M / min 5) R.P.M. :- 1350 6) Used for :- Rotary vaccum filter				
	MILK OF LIME PLANT	LIME SLAKER One no. horizontal type rotary lime slacker having Capacity of : 1200 kgs /Hr. Motor H.P. / R.P.M. :- 3 H.P. / 1430 R.P.M. Gear Box :- Type :- U 400 2 W Ratio :- 25 : 1 L				
		LIME CLASSIFIER Flash tank type line classifier.				
		LIME STORAGE TANK 1) No of :- Two 2) Size :- 2.5 m diameter x 3.2 m height 3) Volume :- 15 Cub m. 4) Stirrer drive electric motor. H.P. / R.P.M. :- 3 /1430 5) Type :- V- 400 – 2 W 6) Ratio :- 40 : 1 LY				
		CARBONATION PLANT: Nil				
	EVEPORATION AND BOILING PLANT					
		EVEPORATION Vapour bleeding arrangement is as under . I) Vapours from S.K. rising film are bleed to V.C. Final heating of sulphited juice .And pan no. 4 & 5 (B & C pan) II) Vapour form vapour cell are bleed for initial Heating of sulphited juice. And pan no. 1, 2 III) Vapours from 2nd body of quadruple for Raw juice Final Heating. IV)Vapours from last body of quadruple VLJH FOR Raw juice first heating				
	DETAILS	There are total six No. of vessels including double effect per – evaporator with its First body as rising film evaporator and second body conventional sealed down take type and a quadruple effect sealed down take type evaporator of following heating surfaces.				
	Particulars	S.K. V.C. Q B 1 Q B 2 Q B 3 Q B 4				
	Make	WIL WIL WIL WIL WIL WIL				
	Heating surface (Sq. mtr.)	800m2 950m2 450m2 600m2 300m2 300m2				
	Diameter of body (O.D.) mm	9144 13289.28 9723.12 11003.28 14782.8 14592.0				
	Height of body (Mtr.)	6.73 9.63 7.95 8.32 8.29 8.22				
	A) Above calindria in mm	2310 5000 4000 4000 3600 4500				
	B) Total height in mm					
	No of tubes	1525 3580 1684 2245 1251 1251				
	Exact tube length in mm	4600 2000 2000 2000 1800 1800				
	I.D. of tube in mm	36 42 42 42 42 42				
	O.D. of tube in mm	38 45 45 45 45 45				
	Metal of tube	SS SS SS SS SS SS				
	Vapour / exha. inlet pipeline O.D.	650 800 450 500 500 500				
	Outlet vapour pipeline dia	800 750 500 500 500 900				
	Vapour bleeding to pan pipeline dia	500 600 - - - -				
	Vapour bleeding to J.H. pipeline	400 - - 400 - -				
	Heating Surface	1) D.E.V.C. :- 1750 Sq. M 2) Quadruple set :- 1650 Sq. M 3) Quadruple set + D.E.V.C. :- 3400 Sq.M				

PARTICULARS OF APPERATUS IF ANY PROVIDED :- No. apparatus is provided for recording I) Density of syrup of controlling the density of syrup II) Vaccum in last body :- Vaccum gauge is provided. III)For temperature .recording :- Dial type temperature .gauge is provided.		-----				
STATE HEATING SURFACES OF PRE EVEPRATORS IF ANY		D.E.V.C. with its first body as rising film Evaporators (SK) & second body conventional (V.C.) sealed down take type. H.S. :- 1750 Sq.mtrs.				
DETAILS OF SAVE ALL & JUICE CATCHER PROVIDED		Entrainment catcher is to be provided in the Vapour pipe outside the 1st body double effect Pre evaporator in additional to internal save all Centrifugal type separator in all bodies.				
ARRANGEMENT FOR DRAWING CONDENSATE FROM VESSEL		Though individual condensate extraction Pumps.				
SYRUP TREATMENT PLANT						
<u>A) SYRUP SULPHITATION TANK :</u>		1) No :- One 2) Type :- Continuous syrup sulphitation tower. 3) Size :- 4) Working Height :- 1.5 mtrs. 5) Working Capacity :- 50 H.L.				
<u>B) SYRUP STORAGE TANK</u>		1) Nos. :- Three 2) Storage Capacity :- 200 H.L.				
<u>C) MOLASSES STORAGE TANK</u>		Total 10 Nos. of Molasses storage tanks each of 200 H.L. storage capacity				
<u>D)MOLASSES CONDITIONING TANKS VACCUM PAN</u>		If having capacity of 160 T.C.H. & used for AH BH & CL. Total five nos. of pans of low head rapid Boiling Calendria type . Details are as follows				
Particular's	Pan 1	Pan 2	Pan 3	Pan 4	Pan 5	
Make	WIL	WIL	WIL	WIL	WIL	
Type	Low Load	Low Load	Low Load	Low Load	Low Load	
Used for	A-mass	A-mass	A/B-mass	B/C-mass	C-mass	
Working Capacity (M.T.)	60	60	60	60	60	
Strike Capacity (M.T.)	60	60	60	60	60	
Heating surface Sq.Mtrs.	277.2	277.2	277.2	277.2	277.2	
Total No. of tubes	1063	1063	1063	1063	1063	
Length of tubes in mm	900	900	900	900	900	
I.D. of tubes in mm	98	98	98	98	98	
O.D. of tubes in mm	102	102	102	102	102	
Tube material	Brass	Brass	Brass	Brass	Brass	
Vapour pipe O.D. (mm)	1100	1100	1100	1100	1100	
TOTAL PAN WORKING CAPACITY 700 M.T						
PARTICULARS OF APPRATUS		For recording vacuum For each pan dial type Vacuum gauge is provided. For recording temp Gauge are provided for each pan Separately. For				

				recording temp. of body & cal. Details of save all Umbrella type save all is in each pan.				
	CONDENSERS			Total Six No. of Single qutery SS condensers Details are as follows.				
Sr No	Particulars	Dia in mm	No. of Jet Nozzles		No. of Jet Nozzles			
			Size	Jet	Size	Jet		
1	Pan No.1	1100	16 mm	18	18 mm	18		
2	Pan No.2	1100	24 mm	17	22 mm	14		
3	Pan No.3	1100	24 mm	18	24 mm	18		
4	Pan No.4	1100	22 mm	18	22 mm	18		
5	Pan No.5	1100	22 mm	18	22 mm	18		
6	Evaporator	0900	24 mm	10	20 mm	16		
CONDENSER WATER PUMP								
Sr No	Particulars	Pump Type	Size mm	Total hea mtrs.	Disch Lit /S	I/P	Speed RPM	Used For
1	Inj.pump No.1	MF 25 X 30	250 X 300	22.50	256.94	69.120	1450	These are connected to cold water common header & used for Pan No. 1 to 5 condenser Evaporator condenser.
2	Inj.pump No.2	MF 25 X 30	250 X 300	22.50	256.94	69.120	1450	
3	Inj.pump No.3	MF 25 X 30	250 X 300	22.50	256.94	69.120	1450	
4	Inj.pump No.4	MF 25 X 30	250 X 300	22.50	256.94	69.120	1450	
5	Inj.pump No.5	MF 25 X 30	250 X 300	22.50	256.94	69.120	1450	
6	Inj.pump No.6	MF 25 X 25	250 X 300	22.50	125	44.040	1450	
WATER COLLING SYSTEM								
A) SPRAY PUMP				1) No of :- Two 2) Make :- GEC motor 150 HP-970 RPM 3) Type :- MF 40 x 45 4) Size :- 400 x 450 5) Rate of flow :- 694.44 6) Pump input :- 98.430 K.W. 7) Total head :- 12 mtrs. 8) Pump make :- Kirloskar				
B)SPRAY POND				One No. of table type spray pond with 350 Nos. of C. I. Nozzles. Spray pond sizes. 1) Total width :- 60 mtrs. 2) Total length :-75 mtrs. 3) Total depth :- 1.4 mtrs. 4) Total size width – 24 mtrs.Lenth – 55 mtrs. 5) Spray Nozzle Size : 25 mm				
C) STORAGE CAPACITY				1) No of :- One 2) Size :- Diameter50 mtrs. Height- 3.10 mtrs. 3) Capacity :- 6083750 Ltrs.				
COOLING , CURING & DRYING PLANT								
CRYSTALLIZERS				There are total eight Nos. ‘ U ’ shaped Horizontal open type crystallizes and one Nos. vertical crystallizes its details are as Follows. 1) Three No. of Air cooled U shaped open type crystallizes used for A-masscuit. Capacity – 65 tones. Planetary gear box Input HP-3 Output RPM-1 2) Three No. of water cooled U shaped open type crystallizes used for B-masscuit. Capacity – 65 tones. HP-15 RPM-1440 gear box 4-800 Ratio 50/1 3) Two No. of water cooled U shaped Crystallizes used as a C-masscuit. HP-15 RPM-1440 gear box 4-700 Ratio 50/1				

		4) One No. of vertical crystallizes is used for C- masscuit having capacity of 300 M.T. Drive HP / RPM :- 25/1440 Reduction gear :- U 7002 W Gear ratio :- 20 : 1 L
	B-SEED CRYSTALLIZERS	One No. of air cooled 'U' shaped open style Crystallizes by 45 M.T. capacity .
	VACCUM CRYSTALLIZES	1) No of :-Three 2) Capacity :- 45 Tones. 3) B - Seed : 1 , B - Grain : 1 , C - Grain : 1 Drive Details. 4) Gear box Make :- Greaves 5) Type :- U 500 2 W 6) Ratio :- 20 : 1 L 7) Motor H.P. / R.P.M. :- 10 / 1435
	CENTRIFUGAL MACHINE	
	A) Batch type machines for A- masscuit Flat bottom	1)No. :- Three 2)Charging capacity :- 1.250 Tones per charge 3)Size :- FB 1350 X 1000 4)RPM :- 1000 - 1250 5)Make :- WIL
	B) Continuous machine for B- masscuit	1) No. :- Two 2) Charging capacity :- 12.00 MT per Hours 3) M/C No. 179/99 4) M/C No. 176/99 5) Size :- WK 1150 6) RPM :- 1500- 1950 7) Make :- WIL
	C) Continuos machine for C- after curing	1) No. :- One 2) Charging capacity :- 12.00 MT per Hours 3) Size :- WK 1150 4) RPM :- 1500- 1950 5) M/C No. 175/99 6) Make :- WIL
	D) Continuos machine for C- fore curing	1) No. :- Four 2) Charging capacity :- 6.00 MT per Hours 3) M/C No. 187/99 4) M/C No. 183/99 5) M/C No. 174/99 6) M/C No. 173/99 7) Size :- WK 1150 8) RPM :- 1500- 1950 9) Make :- WIL
	<u>SUGAR MELTER</u>	One continuous type sugar melter of 15 Tunes / Hour capacity for melting Sugar.
	<u>SUGAR DRYERS</u>	A) One No. single tray grass hopper to carry the Sugar discharged machine to the first multi tray Hopper. 1)Size - Width :- 1500 mm Length :- 12000mm 2)Drive - Electric Motor H.P. :- 15 , Speed :- 960 R.P.M.282 B)One No. of multi tray grass hopper with air Blowing arrangement. 1)Size - Width:- 1500 mm Length :- 12000mm 2)Drive - Electric Motor H.P. :- 15 , Speed :- 960 R.P.M.282 C) One multi tray grass hopper with cold air blowing Arrangement for sugar lump separation S.S. wire. 1) Size - Width :-1500 mm Length :-12000 mm 2) Drive - Electric Motor H.P. :- 15 , Speed :- 960 R.P.M.282
	<u>SUGAR MELTER</u>	One continuous type sugar melter of 15 Tones Hour capacity for melting sugar lumps.
	<u>SUGAR ELEVATOR</u>	1) Type :- Bucket type

		2) Capacity : 120 M.T. 3) Length : 33 mtr. 5 HP
	<u>SUGAR GRADER</u>	There are total Two Nos. mechanically vibrator type. Three sugar grader capable to sieve minimum 7 Tones of any grade sugar / hour. Drive Details. H.P. / R.P.M. :- 7.8 / 1430
	<u>SUGAR SILO</u>	Two Sugar Silo of 120 M.T. capacity each with automatic weighing system. (Techno Weigh System) With belt conveyer for sugar caring in silo
	<u>MOLASSES STORAGE TANK</u>	Two Nos. Size : 2000 ID 9750 mm height Capacity of each tank – 3000 Cub.mtr
	A] E T P	1] Oil & Grease skimmer Drive:- 1.0 HP 2] Mechanical motorized agitator with 1.0 HP 3]Effluent feed pumps Horizontal, Centrifugal, Self priming pumps in CL Capacity :- 15 m ³ /Hour Drive: 3 HP motor 4]Secondary Clarifier Size 5.5M dia x 2.5M SWD 5] Sludge Recirculation pumps Capacity:- 3 m ³ /Hours 6] Air Blowers for aeration Twin lobe type. Capacity: 600m ³ /Hours @0.5 kgs/cm ² With Air diffuser system. 7] Treated Water Effluent pumps capacity: 5m ³ /Hours. 2 Nos. 8] Multimedia Pressure Sand Filter. Size 1500 mm diam x 800 mm Nos.
	B] ONLINE MONITORING SYSTEM	Online Effluent water quality monitoring system make WTW Germany. Specifications i] BOD/ COD Measurement by UV light absorption. ii] TSS Measurement by U V light absorption. iii] PH Measurement by electrochemical method. iv] Electromagnetic flow meter with totalizer suitable for 750 liters per Minutes v] Online Dust Monitoring System Range : 0 to 1000 mg//m ³
	<u>WORKSHOP MACHINERIES</u>	A) Lathe M/c manufactured by Karnataka m/c tools & foundry model- KMT size 04 09 FT length . Year 1999 B) Drill machine - Model Ag1 Cape-38 mm. Mfg by Universal Engg. Works. D) Lathe M/c 6 ft length Mfg by Karnataka m/c tools & foundry model- KMT size 2 m/c no.9v04 Year 1999 E) Shaping m/c company = grade –1 sr. no-2937 stroke :- 24 inch . make :- Sager Engg Works. Power: Saw m/c. Mfg by Ghudasma Precision , tools industry estate, Size :- 09 m/c. 99.9 hc 383 Yr.1999
	<u>FACTORY WATER SUPPLY</u>	Jack well of 18 m dia 12 m depth with Two 25 H.P. pump with pump house and 8 " inch pipe line from jack well to reservoir.

VI. FORM OF BID/OFFER

GENERAL INFORMATION OF THE INTENDING BUYER

1	Intending buyer (Individual or Farms)	
	Complete Postal Address with Pin Code, Telephone Nos., Fax Nos., Mobile Nos., E-Mail Id, Website etc.	
2	Brief particulars of Business	
3	Name of the Company/Firm/person in whose name the Secured Assets / property are to be purchased	
4	Income Tax Permanent Account Number(s) (PAN)	