

Govt. Approved Valuer No. 12 / 2008 -2009 (Wealth Tax Act 1957)
IBBI Registered Valuer, IBBI/RV/02/2019/11120
Chartered Engineer M -132760/1, Arbitrator
Approved Panel Valuer For Banks F - 16520
Competent Person Under Factories Act - TN & Pondy
For all Plant & Machineries, Building Stability



Flat No. B203, Padma Keeran Enclave,
Opposite to Jai Shanthi Theatre,
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Er. M.RAJASEKARAN B.E. (Mech), M.E. (Safety), M.B.A., M.Sc. (REV), D.P.M., M.I.E., FIV, MICA, MISNT, LMIWS, C.Engr. (I)

Plant & Machinery Valuation Report

Valuation Requested by: **M/s. Sakthi Sugars Limited,**

Head Office, No.180, Race Course Road, Coimbatore – 641018.

Valuation for **M/s. Sakthi Sugars Ltd, Soya Division,** Marchinaikenpalayam, Ambarampalayam,
Pollachi Tk, Coimbatore Dt – 642 103.

Ref. No.: C-357/SSL-CBE/23-24.

PH: 0422 4322222.

This inspection was done on the request from the **Senior General Manager** (Finance & Accounts),
Mr. P.Jaganathan for inspecting the Plant & Machinery and their working condition to assess value for
M/s. Sakthi Sugars Ltd, Soya Division, Coimbatore Dt.

This valuation is done for their Own purpose based on the attached letter dated 04.12.2023.

Name & Address of the Customer : **M/s. Sakthi Sugars Limited.**

(Head Office) No.: 180, Race Course Road, Coimbatore - 641 018.

1. It is certified that, I have inspected the following Plant & Machinery located at **M/s. SAKTHI SUGARS LTD, SOYA DIVISION, S.F. NO.: 641, 642 MARCHINAIKENPALAYAM, AMBARAMPALAYAM, POLLACHI TK, COIMBATORE DT – 642 103 on 08.12.2023.**
2. The Plant & Machinery is valued as is where is condition. The plant has been installed in the year 1986-1991. The plant protection was started in the year 1991.
3. The Plant & Machinery was revamped in various years. New additions were done in various years.
4. The nature of process is manufacturing of Toasted & Untoasted Soya Flakes, Refined Soya bean Oil, Soya Flour & Textured Soya Protein (TSP). Plant Capacity: 300TPD.
5. The total value of the Plant & Machinery is as follows as on 11.12.2023.

| S. No. | Description | Value (Rs.) |
|--------|--------------------------------|-----------------|
| 1. | Fair Value (Plant & Machinery) | 40,41,37,448.00 |
| 2. | Realizable Value – 90% | 36,37,23,703.00 |
| 3. | Forced Sale Value – 80% | 32,33,09,958.00 |

R. K. ASSOCIATE

Er. M. RAJASEKARAN, B.E.(Mech), M.E.(Safety),
M.B.A., M.Sc., D.P.M., M.I.E., FIV, MICA, MISNT, LMIWS, C.Engr.,
CHARTERED ENGINEER M-132760/1,
Regd. Wealth Tax No: 12/08-09
Competent Person for Industrial Safety & Healthy
Approved Valuer F-16520

Place: Coimbatore.
Date: 11.12.2023.


Er. M. RAJASEKARAN
Chartered Engineer

Page 1 of 48

VALUATION REPORT - (PLANT & MACHINERY)

Valuation Requested by: **M/s. Sakthi Sugars Limited,**

Head Office, No.180, Race Course Road, Coimbatore – 641018.

Valuation for **M/s. Sakthi Sugars Ltd, Soya Division,** Marchinaikenpalayam, Ambarampalayam, Pollachi Tk,
Coimbatore Dt – 642 103.

Ref. No.: C-357/SSL-CBE/23-24.

PH: 0422 4322222.

- 1.a) Name of the Valuer : **Er.M.Rajasekaran.**
- b) Membership in institution of Valuer : September 2006.
- c) Date & visit of the factory : 08.12.2023.
- d) Purpose of valuation : To assess Fair Value of Plant & Machineries as on
for OWN purpose.
(Not for Bank purpose).
- 2.a) Persons accompanying/ available at the
site / at the time of visit / inspection/valuation : **i) Mr.S.Venkatesh,** (Asst. Company Secretary).
Mob: 97894 - 12602.
ii) Mr. S.K.Panjalingam, Asst. Manager (Secretarial)
Mob: 99444 – 51500.
3. Details of the Plant & Machinery
- a) Name and Address of the head office
(Valuation Requested by) : **M/s. Sakthi Sugars Limited,**
No.180, Race Course Road,
Coimbatore – 641018.
- b) Complete address of the place where the
Plant & Machinery are commissioned : **M/s. Sakthi Sugars Ltd, Soya Division,**
S.F. No.: 641, 642 Marchinaikenpalayam,
Ambarampalayam, Pollachi Tk,
Coimbatore Dt – 642 103.
- c) Whether the business premises belongs to
the owner or lease hold : Free Hold.
- d) Description of Plant & Machinery
- i) Year of Manufacture : }
ii) Year of Purchase : } Please see Annexure - I Enclosed.
iii) Invoice Price : }
iv) Purchase Price : }
v) Residual Life of the Machinery : }
- vi) Fair Value : **Total Rs.40,41,37,448.00**
**(Rupees Forty Crore Forty One Lakhs Thirty
Seven Thousand Four Hundred and Forty
Eight Only)**



vii) Basis for the above value

: Considering present condition of the machineries & Assessing Fair value. Market approaches used for assessing values of Plant, Machinery & Equipment considered physical depreciation & Obsolescence.

5. Other informations

: The Soya plant was working in good condition.

6. Declaration:

i) I hereby declare that the information furnished above is true to the best of my knowledge and belief.

ii) I have no direct or indirect interest in the Plant & Machinery valued.

iii) I inspected the property personally on 08.12.2023.

iv) I have not been found guilty of misconduct in my professional capacity.

v) The legal aspects were not considered in this valuation.

vi) **Value varies with the purpose and date.** This report is not to be referred if the purpose is different other than mentioned in the report on valuation of Plant & Machinery.

Date: 11.12.2023.

Place: Coimbatore.

M. Rajasekaran
11/12/2023

Signature of Valuer
Chartered Engineer
Approved Valuer.

Encl:

1. Annexure – I.
2. Machineries Photos – 72 Nos.
3. Valuation request letter dt.04.12.2023.

R. K. ASSOCIATE
Er. M. RAJASEKARAN, B.E.(Mech), M.E.(Safety)
M.B.A., M.Sc., D.P.M., M.I.E., FIV, MICA, MISNT, LMIWS, C.Engg(I)
CHARTERED ENGINEER M-132760/1,
Regd. Wealth Tax No: 12/08-00
Competent Person for Industrial Safety & Healthy,
Approved Valuer F-16520



ANNEXURE – I

**VALUATION OF PLANT AND MACHINERY INSTALLED AND IN WORKING CONDITION AT
M/s. SAKTHI SUGARS LTD, SOYA DIVISION, S.F. NO.: 641, 642 MARCHINAIKENPALAYAM,
AMBARAMPALAYAM, POLLACHI TK, COIMBATORE DT – 642 103.**

1. Purpose of the Valuation : To assess Fair Value of Plant & Machineries for OWN purpose.
(Not for Bank purpose).
2. Valuation of the factory : **M/s. SAKTHI SUGARS LIMITED - SOYA DIVISION.**
3. Date of Inspection : 08.12.2023.
4. Name of the Valuer : **Er.M.RAJASEKARAN.**
5. TNEB Details : HTSC No: 119, Load: 1600KVA, D.O.C: 21.10.1989,
Name: M/s. Sakthi Soyas.

| S. No. | Description of Machinery | Year of Manufacturing | Expected Future Life-in Years | Qty. | Purchase Value Rs. | Total Value as on 11.12.2023 Rs. |
|--------|---|-----------------------|-------------------------------|------------------|--------------------|----------------------------------|
| I. | <u>SEED PREPRATION PLANT (300TPD):</u> (Soya seed to defatted soya flakes/grits/soya meal) | | | | | |
| 1. | Lorry loader-wood stacker – 2Nos. | | | | | |
| 2. | Belt conveyor from raw material godown with drive motors and accessories – 2Nos. Length – 10Mtrs | | | | | |
| 3. | Belt conveyor for soya feeding with drive motors and accessories – 1No. Length – 100Mtrs | 1986 - 1991 | 9 | One Full Section | Not Available | 8,09,45,041 |
| 4. | Soya pre cleaner machine with vibro motor and accessories – 1No. Make: Bhuler | | | | | |
| 5. | Screw conveyor made up of M.S material from vibro feeder to bucket elevator with motor, gear box and accessories - 1No. | | | | | |
| 6. | Bucket elevator to day silo made of M.S buckets with motor, gear box and all other accessories – 1No. | | | | | |



| | | | | | |
|-----|--|--|--|--|--|
| 7. | 300Ton capacity Skid mounted M.S constructed day silo with accessories – 1No | | | | |
| 8. | Soya cleaning separator machine with drive motor 1.1Kw and accessories – 1No. Make: Bhuler | | | | |
| 9. | Magnetic separator with 0.37Kw power rating and accessories – 1No. | | | | |
| 10. | Soya separator classifier with cyclone separator (Aspirator), 0.3Kw drive motor and all accessories – 2Nos. Make: Bhuler | | | | |
| 11. | 150Ton capacity M.S Constructed skid mounted split bin – 1No. | | | | |
| 12. | Skid mounted soya de stoner machine (Shacker) with 0.3Kw blower fan, dust collection line arrangements and accessories – 3Nos. Make: Bhuler | | | | |
| 13. | 300Ton capacity Skid mounted M.S constructed tempering bins with accessories – 3Nos. | | | | |
| 14. | Automatic weighing system – 2Nos. | | | | |
| 15. | Cracker roll mill with grinding rollers, 15Kw drive motor, control unit and accessories – 1No. Make: Bhuler | | | | |
| 16. | Double hull separator with feeding hopper arrangements, 2.2Kw drive motor and accessories–1No. Make: Bhuler | | | | |
| 17. | Hulls aspiration channel from hull separators with 0.12Kw blower fan, dust collection system and accessories – 2Nos. Make: Bhuler. | | | | |
| 18. | Hulls hammer mill with drive motor and accessories – 1No. Make: Bhuler. | | | | |



| | | | | | |
|-----|--|--|--|--|--|
| 19. | 500Kgs capacity Hulls packing unit from hammer mill and accessories – 1No. | | | | |
| 20. | Soya grader shacking machine with 0.37Kw blower fan, dust collection line, motor and accessories – 1No. Make: Bhuler. | | | | |
| 21. | Bucket elevator with drive motor, gear box and accessories – 1No. | | | | |
| 22. | Skid mounted fully insulated type M.S constructed cooker conditioner with 18.5Kw drive motor, steam jacked system and accessories – 1No. No of stages – 5Nos. | | | | |
| 23. | Flakers roll mill –A with grinding rolls 5.5Kw geared motor, feeder unit including control unit, hydraulic motor 0.75Kw, feeding motor 0.37Kw and accessories – 1No. Make: Bhuler. | | | | |
| 24. | Flakers roll mill –B & C with grinding rolls 3.7Kw geared motor, feeder unit including control unit, hydraulic motor 0.75Kw, feeding motor 0.37Kw and accessories – 1No. Make: Bhuler (Total – 3 Flakers Roll Mill) | | | | |
| 25. | Bottom belt type conveyor with drive motor, gear box – 1No. | | | | |
| 26. | Screw conveyor type Pre-Conditioner with M.S constructed U-Shape frame, drive motor and accessories – 1No. | | | | |
| 27. | Skid mounted screw type soya meal expander unit with steam circulation arrangements, motor, gear box and accessories – 1No. Size of Expander: 8Inch No of Compartments – 3Nos. | | | | |
| 28. | Skid mounted soya meal dryer cum cooler unit with air circulation arrangements, drive motor, gear box and accessories – 1No. | | | | |



| | | | | | |
|--|--|--|--|--|--|
| 29. Inclined type slot chain conveyor (soya meal to solvent extraction plant) with drive motor, gear box and accessories – 1No. | | | | | |
| 30. Dust collection system for roll mill, hammer mill, shifter with rotary lock aspiration chambers with 1.1Kw motor, cyclone separator, G.I pipe line with blower fans for cyclone separator (5.5Kw-2No, 22Kw-1No, 15Kw-1No, 11Kw-1No,9.3Kw-1No) and hulls discharge with motor and accessories – 6Units. | | | | | |
| 31. Pneumatic lift with 5.5Kw drive motor, 0.11Kw ventilator motor and accessories – 1No. | | | | | |
| 32. Interconnecting ducting pipe lines for water, air, insulated type steam lines, valves, gauges and other additional equipments. | | | | | |
| 33. Control panels, electrical instrumentation for whole unit – 1No. Make: Eurrestra Industries Ltd. | | | | | |
| 34. MCC panel board with 1000A ACB Unit-1No, 250Amps switches-3Nos, 63Amps switches-10Nos, 32Amps switches-52Nos, starters-65Nos, de stoner control panel-1No with 125Amps switch-1No, 63Amps switch-1No, 32Amps switch-4Nos, starters-5Nos. | | | | | |
| II. <u>EDIBLE FLOUR MILLING PLANT</u> <u>150TPD CAPACITY (GRINDING) :</u> | | | | | |
| 1. M.S Constructed fines receiving vessels (toasted flour from seed preparation plant) with motorized receiving rotary lock, 0.37Kw motor and accessories – 1No. | | | | | |
| 2. M.S Constructed fines receiving vessels with motorized receiving rotary lock, 1.5Kw motor and accessories – 1No. | | | | | |
| 3. Y-Shape line diverters (Y603 & Y602) – 2Nos. | | | | | |



| | | | | | |
|---|------|---|------------------|---------------|-------------|
| 4. Main storage silos for flakes (T601/1, 2, 3, 4) and accessories – 4Nos. Capacity: 132m ³ | | | | | |
| 5. Each silos with slide bin dischargers – 8Nos. (X602/1&2, X602/3&4, X602/5&6, X602/7&8) | | | | | |
| 6. Rotary bin dischargers (X604/1&2, X604/3&4, X604/5&6, X604/7&8) with 2.2Kw motor and accessories – 8Nos. | | | | | |
| 7. Flour hammer mills (X604/1 to 8) with 2.2Kw drive motor and accessories – 8Nos. Make: Bhuler. | | | | | |
| 8. Milling blower with 9.3Kw motor (K602/1 to 8) and accessories – 8Nos. | | | | | |
| 9. Miller jet filter units (X614/1, 2, 3, 4) – 4Nos. | | | | | |
| 10. Motorized filter rotary air lock unit (M607/1, 2, 3 & 4) with 0.55Kw motor and accessories – 4Nos. | 1992 | 9 | One Full Section | Not Available | 5,17,41,575 |
| 11. Flour receiving vessels (V603/1 to 8) – 8nos. | | | | | |
| 12. For each vessel motorized rotary air lock unit (M604/1 to 8) each with 0.75Kw motor and accessories – 8Nos. | | | | | |
| 13. Skid mounted plain shifter machine (X608/1 to 8) with sheives assembly, drive motor 1.5Kw and accessories – 8Nos. | | | | | |
| 14. Packaging silo (Flour from plain shifter) (T603/1 to 4) – 4Nos. | | | | | |
| 15. Air classifier mill (ACM) (X611/1 &2) with drive motor 45Kw and accessories – 2Nos. Make: Rathi Industries. | | | | | |
| 16. Air classifier jet filter (LAH X512/1, 2, 3, 4) each with drive motor and accessories -4Nos. Make: Rathi Industries. | | | | | |



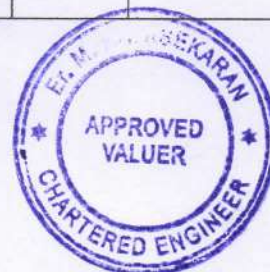
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| <p>17. Rotary bin discharger unit (X609/1, 2, 3, 4) flour from air classifiers each with drive motor 2.2Kw and accessories – 4Nos.</p> | | | | | |
| <p>18. Vibro feeding units (X610/1, 2, 3 & 4) – 4Nos.</p> | | | | | |
| <p>19. Screw conveyor (X615) with drive motor and accessories – 4Nos. Make: Toyota.</p> | | | | | |
| <p>20. S.S. Packaging hopper (Flour from conveyors), screw conveyors with motor, gear box, flour passes through magnet – 1No.</p> | | | | | |
| <p>21. Auto weighing and bag filling machine – 1No.</p> | | | | | |
| <p>22. Bag stitching machine – 1No. Make: Revo.</p> | | | | | |
| <p>23. <u>TSP Raw material (Untoasted defatted soya flakes):</u></p> <p>i) Flakes pass through magnet</p> <p>ii) Air classifier mill (ACM) with drive motor 45Kw and accessories – 1No Make: Rathi Industries.</p> <p>iii) Air classifier jet filter with drive motor and accessories – 1No. Make: Rathi Industries.</p> <p>iv) Vibro shieve machine with grader shieve assembly, motor and accessories -1No.</p> | | | | | |
| <p>24. <u>Soya Grid & Soya Flour (Cattle Feeding):</u></p> <p>i) Vibro shiev machine with grader shieve assembly, motor and accessories – 1No</p> <p>ii) Flour hammer mills for oversized flour with motor and accessories – 1No. Make: Bhuler</p> | | | | | |



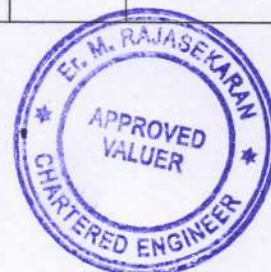
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|-----|---|-----------|----|---|-----------|-----------|
| | <p>iii) Air classifier mill (ACM) with drive motor and accessories – 1No. Make: Rathi Industries.</p> <p>iv) Air classifier jet filter with drive motor, accessories – 1No Make: Rathi Industries.</p> <p>v) Skid mounted storage silo – 1No</p> <p>vi) Power build packing machine (X704), Auto weighing, bag filling machine – 1No Capacity: 500Kgs.</p> <p>vii) Slot chain conveyer with motor and accessories – 1No, Length: 50Ft</p> <p>viii) Idler type belt conveyer – 4Nos. Length: 10Mtrs.</p> <p>ix) Slotted chain loading conveyer – 2Nos.</p> | | | | | |
| 25. | <p><u>Wheat Flour Section:</u></p> <p>i) Wheat storage silo – 1No (Tank T601/6).</p> <p>ii) Air classifier mill (ACM) with drive motor 45Kw and accessories – 1No Make: Rathi Industries.</p> <p>iii) Air classifier jet filter with drive motor and accessories – 1No Make: Rathi Industries.</p> <p>iv) Vibro shieve machine with grader shieve assembly, vibro motor and accessories – 1No.</p> <p>v) Wheat flour storage silo – 1No.</p> <p>vi) MIMC centralized control panel – 1No.</p> <p>Supplier: Bhuler Brothers Ltd.</p> | | | | | |
| 26. | (EFM 124 – 131)New Defatted Flakes Storage tank – 7, cap: 250T | 2023 | 30 | 1 | 38,98,335 | 38,98,335 |
| 27. | (EFM – 100) Entolator | 2016-2017 | 8 | 1 | 99,750 | 57,855 |



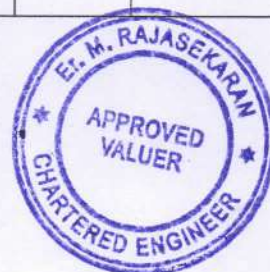
| III. | <u>Solvent Extraction Plant (Soya Meal to Crude Oil) Capacity: 300TPD:</u> | | | | | |
|------|---|-----------|---|------------------|---------------|-------------|
| 1. | M.S Constructed feeding screw conveyor with 7.5Kw drive motor, gear box and accessories – 1No. | | | | | |
| 2. | Continuous carrousel extractor vertical model comprising of articulated band conveyor, damper for regulation of the height to bed of chain conveyor, series of atomizer for the perfect spray of the solvent of the moving bed with liberal provision for light sight glasses, M.S discharge hopper 8Nos of miscella circulation pumps (P201/1 to P201/8) each with 3.7Kwmotor and accessories. Capacity: 2.5M ³ /Hr. | | | | | |
| 3. | Meal discharge screw conveyor (M203) with 11Kw drive motor, gear box – 1No. | | | | | |
| 4. | Rotary air lock vane (M204) with 1.5Kw motor and accessories. | 1986 | | | | |
| 5. | Solvent gas tight chain conveyor (M206) fitted with special alloy steel wearing strips special conveying chain 9.3Kw motor, gear box and accessories – 1No. | - 1991 | 9 | One Full Section | Not Available | 9,32,02,347 |
| 6. | M.S Constructed meal separation cyclone unit (V204) with medium pressure radial fan (K201) 150Kw main motor – 1No. Capacity: 16000m ³ /Hr. | | | | | |
| 7. | Rotary air lock vane (M208) with 2.2Kw motor and accessories. | | | | | |
| 8. | Solvent tight conveyor (M206) fitted with special alloy steal wearing strips, special conveying chain drive motor 9.3Kw and accessories. Length: 10.2Mtrs. | | | | | |
| 9. | Desolventiser Toaster (X202) stages-4Nos, motor 93.75Kw with gear box, M.S fitted with indicators to indicate the level of material in the stages. | | | | | |



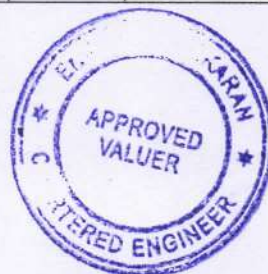
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| 10. | Hexane gas super heater (H201) – 1No | | | | |
| 11. | Motorized rotary air lock vanes (M219) with 3.7Kw motor – 1No | | | | |
| 12. | Motorized rotary air lock vanes (M210) with 1.1Kw motor – 1No | | | | |
| 13. | Motorized rotary air lock vanes (M212) with 3.7Kw motor – 1No | | | | |
| 14. | Motorized rotary air lock vanes (M213) with 3.7Kw motor – 1No | | | | |
| 15. | Air cyclone assembly unit (X205) with rotary air lock vane (M218) – 1No. | | | | |
| 16. | Hot air cyclone assembly unit (V206) with hot air circulation system, hot air rotary lock vane (M215) with 0.37Kw motor – 1No. | | | | |
| 17. | Cold air cyclone assembly unit (V205) with cold air circulation system, cold air rotary lock vane (M214), 3.7Kw motor and accessories- 1No. | | | | |
| 18. | Meal screw conveyor (M216) with steal supporting structure, drive motor 3.7Kw, gear box and accessories - 1No. | | | | |
| 19. | Air lock vane (M601) with 1.1Kw motor and accessories -1No. | | | | |
| 20. | Pneumatic blower unit (K601) with blower fan motor (60Kw) – 1No. | | | | |
| 21. | FDS vapor scrubber (V207) – 1No | | | | |
| 22. | Shell & tube type water cooler condenser unit (H203) – 1No. | | | | |
| 23. | Vacuum pump (K204) with 5.5Kw motor and accessories -1No | | | | |
| 24. | Hexane water separator vessel (V213) – 1No | | | | |



| | | | | | |
|-----|--|--|--|--|--|
| 25. | Work solvent storage tank (V212) – 1No | | | | |
| 26. | waste Water evaporator (V214) – 1No | | | | |
| 27. | Fully insulated type packed tower absorption column (C202) with counter steam injection system with sight glass arrangements – 1No | | | | |
| 28. | Radial fan (K206) with motor 1.5Kw – 1No, oil circulation pump (P209) with 3.7Kw motor and accessories. | | | | |
| 29. | Shell and tube type heat exchanger unit (H209, H210 & H213) – 3Nos. | | | | |
| 30. | Oil circulation pump (P210) with motor 3.7Kw – 1No | | | | |
| 31. | Absorption oil tank (V215) – 1No | | | | |
| 32. | Fully insulated type packed stripping column (C203) with counter steam injection system with sight glass arrangements – 1No. | | | | |
| 33. | Constant miscella flow tank (V202) – 1No. | | | | |
| 34. | Hydro cyclone unit (V201) – 1No. | | | | |
| 35. | Miscella Intermediate tank (V209)-1No | | | | |
| 36. | Hexane vapor scrubber unit (V216)-1No | | | | |
| 37. | M.S Constructed vacuum post miscella evaporator (H205) – 1No | | | | |
| 38. | Water cooled condenser unit (H207) – 1No | | | | |
| 39. | Two stage vacuum stripping column (C201) vertical type with counter current live steam injection system with sight glasses – 1No | | | | |
| 40. | Water cooled condenser unit (H207)-1No | | | | |
| 41. | Crude oil pump – 1No Capacity: 5m ³ /Hr | | | | |



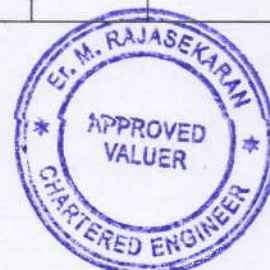
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| 42. | Flash dissolvenization system – 3No Length: 92Mtrs. | | | | |
| 43. | Medium Pressure radial fan with drive motor 300HP - 1No Capacity: 1980m ³ /Hr. | | | | |
| 44. | Hexane super heater with 1050 tubes – 1No Fin tube heat exchanger – 1No Capacity: 175m ² | | | | |
| 45. | Exorber pre heater/cooler – 3No Capacity: 1400LPM | | | | |
| 46. | Exorber storage tank – 1No Capacity: 500Litres. | | | | |
| 47. | Miscella Intermediate tank – 1No Capacity: 8K.Litres. | | | | |
| 48. | Barometric condenser-1No | | | | |
| 49. | Solvent condensate flow tank – 1No | | | | |
| 50. | Solvent working tank-1No Capacity: 2K.Litres. | | | | |
| 51. | Solvent water evaporator tank – 1No Capacity: 2K.Litres. | | | | |
| 52. | Steam condensate tank – 1No Capacity: 2K.Litres. | | | | |
| 53. | Vacuum pre evaporator – 1No | | | | |
| 54. | Vacuum post evaporator – 1No | | | | |
| 55. | O.H Water tank-1No | | | | |
| 56. | Underground hexane storage tank with pumps and pipe lines – 2Nos. | | | | |
| | Solvent extraction plant supplier: Eurrestra Industries Ltd – Bombay. | | | | |



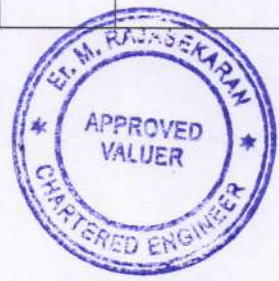
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|-------|--|------|----|-------------|---------------|-----------|
| IV. | i) M.S pipe lines with necessary fitting such as flange, gaskets, bolts, nuts, insulated type steam lines with steam traps with strainers, sight glasses, air vents – 1 Section. | 1992 | 6 | One Section | Not Available | 54,83,857 |
| | ii) Steel supporting structure, platforms, stair case and fittings. | | | | | |
| V. a) | Instruments lines, monitoring, measuring instruments, fittings including flow meters, reducing valve, pressure indicators, vacuum gauges, alarm system and accessories. | 2021 | 6 | One Section | 5,39,059 | 4,90,544 |
| b) | New clearing filter for Miscella pump with all accessories. | | 18 | Full Set | | |
| VI. | COOLING TOWER: | 1992 | 5 | Two Section | Not Available | 23,11,996 |
| 1. | Gem make FRP Cooling tower water pump for cooling tower – 2Nos, 45Kw motor each fan motor 7.5Kw – 2Nos. | | | | | |
| 2. | Water chilling plant 8 Ton capacity with compressor unit, motor, Cooling tower for heat transfer and accessories – 1No | | | | | |
| 3. | Water chilling plant 35 Ton capacity with compressor unit, motor and accessories – 1No | | | | | |
| 4. | Chilled water condenser – 1No, Cap: 1400LPM | | | | | |
| 5. | Condensate pump, Capacity: 110m ³ /Hr-1No, 3m ³ /Hr-1No, 7m ³ /Hr-1No | | | | | |
| 6. | 40TR capacity cooling tower with accessories. Make: Rakshan Equipments – Coimbatore. | 2023 | 15 | 1 | 3,04,767 | 3,04,767 |
| VII. | STORAGE TANKS: | 1992 | 11 | One Section | Not Available | 19,53,796 |
| i) | M.S Constructed crude oil storage tank with transfer pump, motor and accessories – 3No Capacity: 250K.Litres. | | | | | |
| ii) | M.S Constructed crude oil storage tank with transfer pump, motor and accessories – 1No Capacity: 1000K.Litres. | | | | | |
| | iii) M.S Constructed hexane storage tank (U.G) with transfer pump, motor, accessories - 2Nos. | | | | | |



| | | | | | | |
|-------|--|------|----|-------------|---------------|-------------|
| | iv) Thermal insulation for steam line at boiler, SEP, shell and tube heat exchanger for chiller compressor at solvent extraction plant. | 2023 | 15 | Full Set | 5,25,256 | 5,25,256 |
| VIII. | <u>Oil Refining Plant Capacity 60TPD:</u> i) Neutralising Plant ii) Bleaching & Filtering Plant iii) Deodorising plant | | | | | |
| IX. | <u>Neutralising Plant:</u> | | | | | |
| 1. | M.S Constructed caustic soda LYE Tank (T1403) - 1No | | | | | |
| 2. | Caustic soda LYE Transfer pump (P1402) – 1No | | | | | |
| 3. | M.S Constructed Caustic circulation tank (T303/1 & T303/2) – 2No | | | | | |
| 4. | Dosing pump (P302) – 1No | | | | | |
| 5. | Caustic soda LYE Transfer pump (P305)-1No | | | | | |
| 6. | Gum transfer pump (P306) – 1No | 1985 | 7 | One Section | Not Available | 5,29,10,000 |
| 7. | M.S Constructed caustic soda LYE Vessels (V302 & V303) -2No | | | | | |
| 8. | Crude oil tank transfer pump (P1403A & P1403B) – 2No | | | | | |
| 9. | M.S Constructed crude oil day tank (T301) – 1No | | | | | |
| 10. | Crude oil transfer pump (P301) – 1No | | | | | |
| 11. | Shell & tube type heat exchanger unit (H301) - 1No | | | | | |
| 12. | Pre mixer (X304) S.S Constructed with agitator, multi stage pump – 1No | | | | | |
| 13. | M.S Constructed phosphoric acid storage tank (T304) – 1No | | | | | |



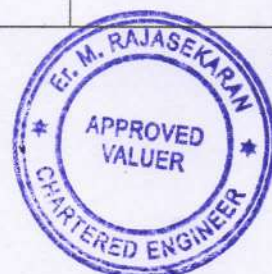
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| 14. | Phosphoric acid transfer pump (P307) -1No | | | | |
| 15. | M.S Constructed phosphoric acid day tank (V301) – 1No | | | | |
| 16. | Phosphoric acid dosing pump (P311) – 1No | | | | |
| 17. | Centrifugal mixer (X305) S.S constructed with agitator, multi stage pump – 1No | | | | |
| 18. | Refining separator (X301) S.S Constructed in three compartments for separating soap from neutral oil – 1No | | | | |
| 19. | Shell & Tube type heat exchanger unit (H302) – 1No | | | | |
| 20. | Centrifugal mixer (X306) S.S Constructed with agitator, multi stage pump – 1No | | | | |
| 21. | Recovered oil transfer pump – 1No | | | | |
| 22. | Washing separator (X302) S.S Constructed in three compartments for separating soap from neutral oil – 1No | | | | |
| 23. | Shell & Tube type heat exchanger unit (H303) – 1No | | | | |
| 24. | M.S Constructed soap stuck tank (T305) – 1No Capacity: 2Ton | | | | |
| 25. | Soap transfer pump (P308) – 1No | | | | |
| 26. | M.S Constructed lecithin tank (T1405) – 1No | | | | |
| 27. | Lecithin transfer pump (P1404) – 1No | | | | |
| 28. | M.S Constructed make up water storage tank (T302) - 1No | | | | |
| 29. | Make up water circulation pump (P304) – 1No | | | | |
| 30. | Centrifugal mixer (X307) S.S Constructed with agitator, multi stage pump – 1No | | | | |
| 31. | Gum separator (X303) S.S Constructed in three | | | | |



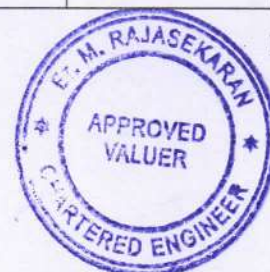
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| | compartments for separating soap from neutral oil – 1No | | | | |
| 32. | Gum separator vessel (T307) – 1No Capacity: 2Ton | | | | |
| 33. | M.S Constructed final neutral oil receiver vessel (V305) – 1No | | | | |
| 34. | Receiver Oil pump (P313) – 1No | | | | |
| 35. | Including MIMC Centralized control Panel – 1No Supplier: Westfalla Separator – Bombay. | | | | |
| X. | <u>BLEACHING & FILTERING PLANT:</u> | | | | |
| 1. | M.S Constructed neutral oil storage tank (T1405)-1No | | | | |
| 2. | Neutral oil transfer pump (P1405) – 1No | | | | |
| 3. | M.S Constructed neutral oil day tank (T401) – 1No | | | | |
| 4. | Neutral oil transfer pump (P401) – 1No | | | | |
| 5. | M.S Constructed oil earth mixer vessel (V402) with agitator, motor – 1No | | | | |
| 6. | Earth feeder unit with agitator assembly (M401/B) – 1No | | | | |
| 7. | Bleach oil homogenizer unit (V401) with stirrer, motor – 1No | | | | |
| 8. | Earth feeding screw conveyer (M401/A) with drive motor and accessories – 1No | | | | |
| 9. | Oil transfer pump (P402) – 1No | | | | |
| 10. | Fully insulated type shell & tube type oil heater unit (X401) – 1No | | | | |
| 11. | M.S Constructed de-Aerated oil tank (V403) – 1No | | | | |



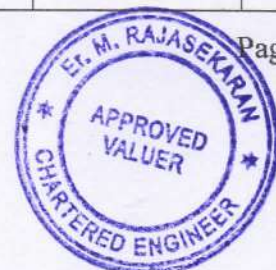
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| 12. | De-aerated oil transfer pump (P403) – 1No | | | | |
| 13. | Fully insulated type shell tube type oil heater unit (X402, X403, X404) – 3No | | | | |
| 14. | Oil suction vessel (V405) – 1No | | | | |
| 15. | Filtered oil pump (P404) – 1No | | | | |
| 16. | AMA Filter (X405-A) with plated multilayer cartridge & Micron filter – 1No | | | | |
| 17. | Sakal filter (X405-B) with plated multi layer cartridge & micron filter – 1No | | | | |
| 18. | M.S Constructed bleached oil receiver tank (V408) – 1No | | | | |
| 19. | Bleached oil transfer pump (P406) – 1No | | | | |
| 20. | S.S Constructed polishing filters (X406A & X406B) with micron filters – 2Nos. | | | | |
| 21. | Shell & tube type heat exchanger (H401) – 1No | | | | |
| 22. | Final oil transfer pump – 1No | | | | |
| 23. | Cooling tower 100m ³ /Hr capacity asbestos finned type, water pump for cooling tower – 1No., fan motor 7.5Kw – 2Nos, FRP cooling tower – 1No (New) capacity: 50m ³ /Hr Quantity – 1No. | | | | |
| 24. | M.S Constructed cooling water receiver tank with water circulation pump – 1No | | | | |
| 25. | Including MIMC Centralized control panel – 1No Supplier: Eurrestra Industries Ltd – Bombay. | | | | |
| XI. | <u>Deodourizing Plant:</u> | | | | |
| 1. | M.S Constructed bleached oil storage tank (T1407) – 1No | | | | |



| | | | | | |
|-----|--|--|--|--|--|
| 2. | Bleached oil transfer pump (P1406)-1No | | | | |
| 3. | M.S Constructed bleached oil day tank (T502) – 1No | | | | |
| 4. | Oil sealing pump (P508) – 1No, bleached oil transfer pump (P502) – 1No | | | | |
| 5. | M.S Constructed spiral plate heat exchanger (H501) | | | | |
| 6. | De-aerated vessel (V502) with blower fan with provision of steam circulation – 1No | | | | |
| 7. | Thermic fluid heater (X501) with feed water pump all other accessories. | | | | |
| 8. | Make: Thermopac, model: TP-02/F/P/268 Output: 2.0Lakh Kcal/hr Connected load: 11Kw | | | | |
| 9. | S.S Constructed tank – 2Nos. Capacity: 100K.Litres. | | | | |
| 10. | De odouriser vessel (V503) vertical type S.S Constructed with multi purpose deodorizer trays, provision of steam circulation, thermic fluid circulation agitator with drive motor with gear box pump, pipe lines – 1No | | | | |
| 11. | M.S Constructed fatty acid vessel (V504) – 1No | | | | |
| 12. | Fatty acid transfer pump (P505)- 1No | | | | |
| 13. | Shell & tube type heat exchanger (H504) – 1No | | | | |
| 14. | De aerated oil transfer pump (P503) – 1No | | | | |
| 15. | De odoraizer oil transfer pump (P504) – 1No | | | | |
| 16. | M.S constructed storage vessel (V507) – 1No | | | | |
| 17. | Dosing vessel (V509) – 1No | | | | |
| 18. | Oil transfer pump (P506) – 1No | | | | |



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| 19. | S.S Constructed polishing filters (X502A & X502B) with micron filters – 2No | | | | | |
| 20. | Shell & tube type heat exchanger (H505) – 1No | | | | | |
| 21. | M.S Constructed finished oil storage vessel (T1408/1 & T1408/2) – 2Nos | | | | | |
| 22. | Finished oil transfer pump (P1407) -1No | | | | | |
| 23. | M.S Constructed cooling water receiver tank (V505 & V506) – 2Nos. | | | | | |
| 24. | Booster valve (K501/A, B & K502 & K503) – 4Nos. | | | | | |
| 25. | Including MIMC Centralized control panel – 1No Supplier: Eurrestra Industries Ltd – Bombay. | | | | | |
| XII. | Air compressor with drive, motor and accessories. | | | | | |
| 1. | Make: Atlas Copco, Type: GA15VSD+, S. No: AP1258548, Motor: 15Kw. | 2015 | 21 | 1 | | |
| 2. | Refrigerant type air dryer Make: Atlas Copco, Type: Fxe6, S. No: CNO180826 | 2015 | 16 | 1 | | |
| 3. | Reciprocating type air compressor with drive motor 7.5HP, air receiver 220Litres and accessories. Make: Elgi Equipments Ltd Model: TC600 Fab No: 848E | 1992 | 5 | 1 | Not Available | 53,47,970 |
| XIII. | Storage tanks including intermediate tank -1No, Outer bleach tank capacity 50K.Litres-1No, Inner bleach tank capacity 10K.Litres – 1No, Neutral tank oil tank capacity 50K.litres – 1No, caustic tank capacity 30K.Litres-1No, Sulphuric acid tank capacity 18Tonne – 1No, Caustic intermediate tank capacity 500Litres-1No. | 1992 | 10 | One Section | | |



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| <p>XIV. M.S Pipelines with necessary fittings such as flanges, gaskets, bolts, nuts, insulated type steam traps with strainers, sight glass and air vents – 1section instruments lines, monitoring, measuring instruments, fittings including flow metre steam reducing valve, pressure indicators, pressure and vacuum gauges, automatic alarm system.</p> | | | | | |
| <p>XV. <u>TSP (Textured Soya protein) Plant, Capacity 75TPH-Chunks, Granules, Flakes.</u></p> <ol style="list-style-type: none"> 1. Untoasted defatted soya flakes grader machine (De-Hulled Soya bean) with blower fan, belt drive motor – 1No 2. Day storage tank – 2Nos. Capacity: 4Ton 3. Screw conveyor with drive motor, gear box – 1No 4. Bridge breaker machine with drive motor and accessories – 1No <p>Product Line-I Consists of,</p> <ol style="list-style-type: none"> 5. Screw feed conveyor with drive motor, gear box – 1No 6. Pre conditioner – I (PC901-1) with drive motor- 1No 7. Skid mounted screw type textured soya protein extruder machine capacity 220Kgs/Hr, Screw type conveying system with drive motor 150HP, Gear box, holding shaft, die & cutter assemblies – 1No 8. Idler type belt conveyor with drive motor – 1No 9. Pneumatic conveying system with blower fan, pneumatic lines – 1No 10. System dryer chamber with grated chain conveying arrangements, steam circulation system, fan blower, feeding accessories – 1No. Make: BNW | <p>1994</p> | <p>9</p> | <p>One Section</p> | <p>Not Available</p> | <p>3,61,69,574</p> |



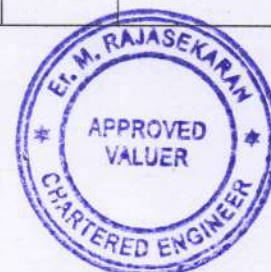
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| 11. | Magnetic roll separator vibrator unit-1No | | | | |
| 12. | Vibro grader machine with blower fan, drive motor – 1No | | | | |
| 13. | S.S Constructed belt conveyor type – 1No | | | | |
| 14. | Inclined type slotted elevator with drive geared motor-1No | | | | |
| 15. | Idler type roller conveyor with drive motor – 1No | | | | |
| 16. | Electronic weighing scale. | | | | |
| 17. | Bag stitching machine – 1No Make: Revo | | | | |
| 18. | XRAY Type metal detector machine (X-907) – 1No | | | | |
| | Product Line-II Consists of, | | | | |
| 19. | Screw feed conveyor with drive motor, gear box – 1No | | | | |
| 20. | Pre conditioner-II (PC901-2) with drive motor – 1No | | | | |
| 21. | Skid mounted screw type textured soya protein extruder machine 220Kgs/Hr capacity, screw type conveying system with drive motor 150HP, Holding shaft, die cutter - 1No | | | | |
| 22. | Idler type belt conveyor with drive motor – 1No | | | | |
| 23. | Pneumatic conveying system with blower fan, pneumatic lines – 1No | | | | |
| 24. | Steam dryer chamber with grated chain conveying arrangements, steam circulation system, fan, blower, feeding and accessories- 1No. | | | | |



| | | | | | |
|-----|--|--|--|--|--|
| 25. | Magnetic roll separator vibrator unit – 1No Vibro grader machine with blower fan, drive motor and accessories – 1No | | | | |
| 26. | S.S Constructed belt conveyor type inspection table – 1No | | | | |
| 27. | Automatic bag weighing system Capacity: 50Kgs Make: Sepack Model: GW75 | | | | |
| 28. | Electronic weighing scale – 1No | | | | |
| 29. | Bag stitching machine – 1No Make: Revo. | | | | |
| | Product Line-III Consists of, (Wheat flour from EFM Storage Silo) | | | | |
| 30. | S.S Constructed mixer machine with drive motor, gear box – 1No | | | | |
| 31. | Screw conveyor with drive motor, gear box – 1No. | | | | |
| 32. | Mixed soya protein spreader unit (for both product line-III & IV) | | | | |
| 33. | Screw feed conveyor with drive motor with gear box – 1No | | | | |
| 34. | Pre conditioner –II (PC901-2) with drive motor – 1No | | | | |
| 35. | Skid mounted screw type textured soya protein extruder machine – III 220kgs/Hr capacity screw type conveying system with drive motor 150HP, gear box holding shaft, die cutter – 1No | | | | |
| 36. | Idler type belt conveyor with drive motor – 1No | | | | |
| 37. | Pneumatic conveying system with blower fan and pneumatic lines - 1No. | | | | |



| | | | | | |
|-----|--|--|--|--|--|
| 38. | Dryer chamber with grated chain conveying steam circulation system, fan, blower and accessories – 1No. | | | | |
| 39. | Magnetic roll separator vibrator unit – 1No | | | | |
| 40. | Grader machine with blower fan, drive motor – 1No | | | | |
| 41. | S.S Constructed belt conveyer type inspection table – 1No | | | | |
| 42. | Automatic bag weighing system Make: Sepack Model: GW75 Capacity: 50Kgs | | | | |
| 43. | Electronic weighing scale – 1No | | | | |
| 44. | Bag closer stitching machine – 1No Make: Revo | | | | |
| | Product Line-IV Consists of, (New Line) (Mixed flour from spreader unit) | | | | |
| 45. | S.S Constructed mixer machine with drive motor, gear box and accessories – 1No | | | | |
| 46. | Screw feed conveyer with drive motor and accessories – 1No | | | | |
| 47. | Skid mounted screw type textured soya protein extruder machine – IV 1Ton/Hr capacity, screw type conveying system with drive motor 75HP gear box, holding, shaft, die cutter and accessories – 1No | | | | |
| 48. | Idler type belt conveyer with drive motor – 1No | | | | |
| 49. | S.S Constructed silo Capacity: i) 150Kgs-1No ii) 200Kgs – 1No | | | | |
| 50. | Movable storage conveyer with drive motor 3HP and accessories – 4Nos. | | | | |



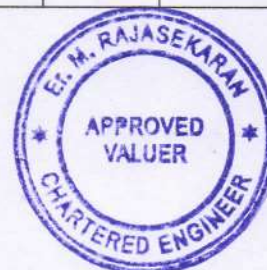
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| 51. | Movable storage conveyor with drive motor 5HP – 1No | } | 2023 | 25 | Full Set | 33,62,000 | 33,62,000 |
| 52. | Electronic weighing scale – 1No Make: Essae | | | | | | |
| 53. | TVP Control Panels (PL1, 2, 3, 4) – 4Nos | | | | | | |
| 54. | Automatic pouch packing machine capacity 2Kgs & 70Poches/Hr feeding system & pneumatic arrangements including control panel system – 1No Make: Tetra pack Nichrome Model: Auto wrap BD-15/3Z | | | | | | |
| XVI. | <u>Steam Boiler (Capacity: 9TPH & 4TPH), Steam line, pipe rack system, instruments, controls, air compressor and others.</u> | | | | | | |
| 1. | Boiler Feeding Arrangements, i) New Coal crusher with drive motor 75HP – 1No. ii) Vibro screen with drive motor 22Kw – 1No | } | 2022 | 19 | Full Set | 12,74,107 | 12,16,772 |
| | iii) Coal feeding idler type belt conveyor with drive motor 5HP, gear box and accessories – 3No | | | | | | |
| | iv) Coal feeder unit with drive motor 1.5Kw – 3Nos. | | | | | | |
| | v) Dust collector system with blower fan motor 5HP and accessories – 3Nos. | | | | | | |
| | vi) M.S Constructed coal bunker – 1No | } | 1988 | 9 | One Lot | Not Available | 1,81,14,948 |
| 2. | i) Steam boiler 9Tons/Hr shell and tube steam boiler with all connected system with steel chimney, water free pumps, pipe lines, steam line with insulation IBR instruments, controllers, fans, steel chimney 30Mtr height and other accessories. ii) Boiler make: Cethar vessels Limited, Model: T5098, Capacity: 9.0Tons/Hr with M.S Constructed skid mounted feed water tank with | | | | | | |



| | | | | | |
|---|------|----|------|-----------|-----------|
| <p>variable speed drive, submerged pump 10HP-1No, Boiler feed pumps 25HP-2Nos, I.D Fan 50HP, FD Fan-60HP, Pre heater fan 10HP-1No, steel supporting structures, hot water steam condensate tank – 1No.</p> <p>iii) Steam distribution header with steam lines, water, pneumatic pipelines, gauges and accessories.</p> <p>iv) Furnace oil storage tank – 1No Capacity: 20K.Litres.</p> <p>v) Steel chimney with wet scrubber, pump 2.2Kwand accessories – 1Section.</p> | | | | | |
| <p>3. i) Oil fired type steam boiler 4Ton/Hr capacity with steel chimney, water pumps, pipe lines, steam line, fans and accessories.</p> <p>ii) Boiler make: IAEC, Model: ST040, Capacity: 4.0Tons/Hr, Maker No: IB-298, water pump 22KW-1No, Submersible pump 22Kw-1No, Filter water pump 11.25Kw, soft water pump 0.37Kw, DM water pump 3.7Kw, cooling water pump 22Kw, furnace oil pump 3.7Kw – 4Nos, feed water pump 11Kw, FD FAN 11Kw-2Nos.</p> | | | | | |
| <p>XVI Air Compressor:</p> <p>i) Screw type air compressor with belt drive motor, pneumatic pipelines, control valves, gauges and accessories. Make: Ingersoll Rand</p> <p>ii) John deree make Ttractor with Bull make loader attachment with all accessories.</p> | 2021 | 13 | 1Set | 12,74,107 | 11,21,214 |
| <p>XVI Other Equipments: (Conveyors, Fire Hydrant, workshop, weigh bridge & Lab equipments)</p> <p>1. Cattle Feed Godown</p> <p>i) Stitching slot chain conveyer (M702) with motor 0.75Kw – 1No</p> <p>ii) Slot chain conveyer (M703) with motor – 1No</p> | | | | | |



| | | | | | | |
|-----|--|-----------|----|-------------|---------------|-----------|
| | iii) Belt conveyer (M704-1) with 1Kw motor-1No | | | | | |
| | iv) Belt conveyer (M704-2) with 1Kw motor-1No | | | | | |
| | v) Belt conveyer (M702-3) with 1Kw motor-1No | | | | | |
| | vi) Belt conveyer (M704-4) with 1Kw motor-1No | | | | | |
| | vii) Belt conveyer (M704-5) with 1Kw motor-1No | | | | | |
| | viii) Stacking conveyer (M706) with 0.75Kw motor - 1No | | | | | |
| 2. | CO 1 Go-down | 1985 | | | | |
| | i) Agro saw machine (C101) - 1No | - 2015 | 14 | One Lot | Not Available | 58,73,750 |
| 3. | Raw Seed Go-down | | | | | |
| | i) Dust blower (K99) with drive motor - 1No | | | | | |
| | ii) Rotary lock (M99) with motor - 2Nos. | | | | | |
| | iii) Stacking conveyer (M98) with drive motor, gear box - 1No | | | | | |
| | iv) Weighing scale - 150Kg - 5Nos, 3Kg-4Nos, 30Kgs-2Nos. | | | | | |
| | v) Air conditioner 2Ton - 7Nos, 1.5Ton- 2Nos. | | | | | |
| 4. | De stoner, grader, tube screw conveyer at raw seed go-down | 2023 | 20 | Full Set | 1,30,750 | 1,30,750 |
| XIX | <u>Fire Hydrant Line and Fire Fighting Equipments:</u> | | | | | |
| | Fire hydrant line throughout the factory with hydrant points, hose reels, valves, fire hydrant cylinders with main pump and accessories. | 1992 | 4 | One Section | Not Available | 4,75,896 |



| | | | | | | |
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| XX. | Workshop: | | | | | |
| 1. | Power hacksaw cutting machine with motor, cutting blade – 1No Make: MTO Enterprises | | | | | |
| 2. | Centre lathe 6ft machine with motor and accessories – 1No Make: MMM Layer Works. | | | | | |
| 3. | Bench grinder double headed with motor – 1No | | | | | |
| 4. | Inverter welding machine - 1No Make: Asian Welding equipment Model: ARC500 | | | | | |
| 5. | Inverter welding machine - 1No Make: Asian Welding equipment Model: ARC300 | | | | | |
| 6. | Hand Pallet truck – 1No | 1985 | | | | |
| 7. | Hand operated chain pulley block Capacity: i) 5Ton – 1No ii) 2Ton – 1No | - 2015 | 6 | One Lot | Not Available | 4,53,737 |
| 8. | Welding rectifier – 1No | | | | | |
| 9. | Bench Grinder – 1No | | | | | |
| 10. | Pillar type drilling machine with 3HP drive motor – 1No Capacity: 50mm | | | | | |
| 11. | Spare motors, Gear boxes – 1Lot | | | | | |
| XXI | LAB EQUIPMENTS: | | | | | |
| 1. | HotPlate–1No, | | | | | |
| 2. | Magnetic Stirrer Make: Remi, Qty: 1No, | 1985 | | | | |
| 3. | Infra Red Moisture Balance(IRMB), Instalab600. | - 2015 | 4 | One Lot | Not Available | 1,68,485 |



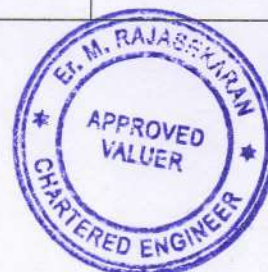
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| 4. | Tinto meter Cell-1No, Flash Point Apparatus - 1No, Desiccators - 1No, Muffle Furnace (Make: Tempo)-1No, Hot Air Oven (Make: Tempo)-1No, | | | | |
| 5. | Auto Calve - 1No | | | | |
| 6. | Refrigerator Cap: 180Ltrs, Make: L.G., Qty:1No, | | | | |
| 7. | Analytic Weighing Scale Cap:220gms,Make:Metler, Model:ML204,Qty:1No, | | | | |
| 8. | NIR Analysis, Make: Dickey John, Model:Instalab600,Qty:1No, | | | | |
| 9. | PH Meter, Make: L&T, Qty:1No, | | | | |
| 10. | Preethi Induction Stove (1000W) -1No, | | | | |
| 11. | Optical Microscope (Binocular) Make: Weswox Model:DPTJK-HL55/66,Qty:1No, | | | | |
| 12. | Microwave Oven, Make: Samsung, Qty: 1 No. | | | | |
| 13. | Lab Centrifuge, Make: Remi, Model: R-8C, Qty:1No, | | | | |
| 14. | Laminar type Air Flow Apparatus, Make: Clean Air System & Devices, Blower Motor (0.5H.P),Qty:1No, | | | | |
| 15. | Incubator, Make: Tempo, Power: 0.25KW,Qty:1No, | | | | |
| 16. | Colono Counter, Make: Kumar, Qty: 1No,VacuumPump-1No, | | | | |



| | | | | | | |
|-----|---|------|----|----------|-----------|-----------|
| 17. | BOD Incubator, make: Genuine, Qty:1No, Muffle Furnace & Hot Air Oven (not Working)1No, Digital moisture meter. | | | | | |
| 18. | Weighing Scale – 2Nos Cap: 3Kgs, Make: Essae Model:DS450, Qty:1No, | | | | | |
| 19. | IRB Moisture meter, Make: Adventure, Model:M38, Qty:1No | | | | | |
| 20. | Sealing Machine – 1No & New – 1No Grinding Machine (Mixer) –1No | | | | | |
| | <u>New lab equipment purchased in the year 2022</u> | | | | | |
| 21. | Mix-II – 1No | | | | | |
| 22. | Weighing scale – 1No | | | | | |
| 23. | Hot air oven – 2Nos | | | | | |
| 24. | Flash Point Apparatus – 1No | | | | | |
| 25. | Heating coil – 2No | | | | | |
| 26. | Spectro photo meter – 1No | | | | | |
| 27. | UV Chamber – 1No | | | | | |
| 28. | Air conditioner – 1No | 2022 | 14 | Full Set | 14,08,804 | 13,24,276 |
| 29. | Muffle Furnace – 2No | | | | | |
| 30. | Vacuum Pump – 1No | | | | | |
| 31. | Digital colony counter – 1No | | | | | |
| 32. | Digital moisture meter – 7Nos | | | | | |
| 33. | Dickey john moisture meter – 1No | | | | | |
| 34. | Hanna digital PH conductivity meter – 1No | | | | | |
| 35. | Vernier caliper Mitutoyo – 1No | | | | | |



| | | | | | | |
|-----|---|------|----|----------|---------------|----------|
| 36. | Elisa micro plate reader – 1No | | | | | |
| 37. | Halogen moisture balance – 1No | | | | | |
| 38. | Pelican fat analyzer – 1No | | | | | |
| 39. | Tintometer – 1No | | | | | |
| 40. | Fibre analyzer – 1No | | | | | |
| 41. | Gigestion system protein analyzer – 1No | | | | | |
| 42. | Distillation system protein analyzer – 1No | | | | | |
| 43. | Fumehood – 1No | | | | | |
| 44. | Refrigerator – 1No | | | | | |
| 45. | Auoclave – 1No | | | | | |
| 46. | Vortex mixer – 1No | | | | | |
| 47. | Hot air oven – A & B – 2Nos | | | | | |
| 48. | Biological incubator – 1No | | | | | |
| 49. | Electronic weighing balance | | | | | |
| 50. | Water bath rectangular 12Holes A&B 2Nos | | | | | |
| 51. | Laminar air flow – 2Nos Size: i) 5 x 2 x 2Ft ii) 4 x 2 x 2Ft | | | | | |
| XXI | <u>Weigh Bridge & Storage Tank:</u> | | | | | |
| 1. | Platform type lorry weigh bridge with digital type reading scale, weighing Stones all other accessories. Make: AVERY, Model: 2M305, Cap:40M.T. | 1994 | 8 | 1 | Not Available | 1,77,768 |
| 2. | Weigh bridge capacity addition from 40Ton to 60Ton in the year 2021 | 2021 | 13 | Full Set | 3,89,857 | 3,43,074 |
| 3. | M.S. Constructed – Diesel Storage Tank. Capacity:20KLwith feed pump -7.5HP | 1994 | 12 | 2 | Not Available | 3,52,294 |



| XXI | Water Treatment Plant (W.T.P) & Effluent Treatment Plant (E.T.P) | Capacity: 155KLPD | 2003 | 8 | One Section | Not Available | 8,20,800 |
|-----|--|--------------------------|------|---|-------------|---------------|-----------|
| 1. | <p>D.M. Water Plant consist of M.S. Constructed Filter water tank. Cap:50K.Ltrs- 1No, Soft Water Tank Cap:50K.Litres – 1No, Chemical flow pump with motors 5HP-2Nos M.S. Constructed Filter Tank-1No, Filter Water Pump 15HP-1No, Soft Water Pump 5HP – 1No, Raw Water TransferPump20HP-1No WaterSoftenerTank-1No, Transmitters & Indicators, including with Sensor, Pipeline and connected accessories Indicators, including with all other sensor and other accessories.</p> | | | | | | |
| 2. | <p>Effluent Treatment Plant (E.T.P): Effluent treatment plant consist of Pumps, motors, agitators for classifiers, circulating pumps & Discharging pumps, mixing hopper and all accessories, Effluent Pump motor 3HP –2Nos, Recycling Pump Cap:5m³/hr-2Nos, Saturator Tank Cap: 200Ltrs-1No, Agitator with motor 15HP- 1No, DAP Dosing Mixer Tank with agitator with motor 1.5HP – 1No, Urea Dosing Mixer Tank agitator with motor 1.5 HP – 1No, Aluminum Lime Mixing Tank agitator with motor: 1.5HP-1No Acid Storage Tank, Cap:300Ltrs, Qty: 1No.</p> | | 2003 | 8 | One Section | Not Available | 32,28,494 |
| 3. | <p>DAF Cell Tank agitator (New) with motor: 1.5HP -1no New, Over Flow sump tank. Capacity: 1.5K.Litres – 1No, Aerator tank – I & II each with agitator 25HP motor – 2Nos. Effluent Tank agitator with motor 7.5HP – 1No Including all other pipe lines, valves, instruments, gauges, measuring instrument, control panel.</p> | | | | | | |



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|------------|--|-------------------|----|----------|---------------|-------------|
| XXI | <u>ELECTRICAL INSTALLATIONS & FITTINGS:</u> MV/MCC Panel Boards, Distribution Boards(DB), Light Distribution Boards (LDB), SB & SSB's, Distribution panel DC starter panel,11/22KV, 2 Pole Structure-1No,22KV HT Breaker, Make: Asea- HKK24/1225, S. No: 4678, Qty - 1No, MCC Panel board - incomer 125A, Cooling tower Pump 1, Diesel Pump -1No, Cooling tower pump 2, Bus bar chamber Plain PCC Panel board Bus bar - 3000 A, Seed preparation-1000A, Edible flour milling plant - 600A, Oil refinery - 600A, Workshop - 100A, ETP-125A, Expander - 125A, Generator incomer -2000A TNEB HT.Sc.No:119, Dt: 21.10.1989. Capacity: 1600KVA. | 1985 - 2015 | 15 | One Lot | Not Available | 1,53,66,136 |
| ii) | QC Lab & guest house cable work | 2022 - 2023 | 15 | Full Set | 7,53,749 | 7,53,749 |
| XXV | <u>POWER TRANSFORMER- 2000KVA</u> OLTC & Bus bar system Make: Kirloskar Transformers Limited. S. No: 08OF-018/1, Type: Oil Filled type transformer, Capacity: 2000KVA. | 1988 | 7 | 1 | | |
| XXVI 1. | <u>GENERATOR:</u> Capacity: 1050KVA with radiator cooling system & Heat Exchanger unit, M.S, Oil storage tank and all other attachments including Power control Alternator: Make: Stamford, Type I: AC734A, S. No: H1901/3, Type II: SC734A, S. No: H3553. Engine Make: Cummins India Limited. | 1994 | 5 | 1 | Not Available | 24,86,742 |
| | | 1994 | 5 | 1 | | |



| | | | | | | |
|--------------------|---|-------------|----|-----|---------------|---------------------------|
| 2. | GENERATOR (D.G.SET) Capacity: 300KVA With radiator cooling system & Heat Exchanger unit, M.S. Oil storage tank and all other attachments including Power control Alternator: Make: Kirloskar Electric Ltd., Frame: 4AB315/D2, S. No: 33051250116, Engine Make: Cummins India Limited. | - | - | 1 | | |
| XX VII. | Pollachi Unit expansion / Renovation and modernization of various plants and equipments in the year before 2020 – 2021. | - | 15 | Lot | Not Available | 98,69,015 |
| XX VIII. | Additions of plant and machinery in the year 2010 – 2012. | 2010 - 2012 | 15 | Lot | Not Available | 31,54,635 |
| Total (Rs.) | | | | | | Rs.40,41,37,448.00 |



Total Rs. 40,41,37,448.00

(Rupees Forty Crore Forty One Lakhs Thirty Seven Thousand Four Hundred and Forty Eight Only)

Note:

- * This Valuation is done by considering the unit as on –going concern.
- * Purchase details, Asset register book and other details of old machineries are not available for perusal. Asset and Purchase details for latest machineries available for perusal.
- * This report is issued based on the request from M/s. Sakthi Sugars Ltd, Coimbatore for their own purpose(Letter copy enclosed Letter Dated. 04.12.2023).
- * This report is not to be referred for Banks or other financial institutions.
- * The future life of the machineries given above is applicable only with proper up keeping & maintenance.
- * On the basis of the inspection and analysis made by me with available information, it is my considered opinion that the value of the Plant and machinery is **Rupees Forty Crore Forty One Lakhs Thirty Seven Thousand Four Hundred and Forty Eight Only.**

Place : Coimbatore.
Date : 11.12.2023.

M. Rajasekaran
11/12/2023
Er.M.RAJASEKARAN
Chartered Engineer
Approved Valuer



R. K. ASSOCIATE
Er. M. RAJASEKARAN, B.E.(Mech), M.E.(Safety)
M.B.A.,M.Sc.,D.P.M.,M.I.E.,FIV,MICA,MISNT,LMIWS,C.Engg(I)
CHARTERED ENGINEER M-132760/1,
Regd. Wealth Tax No: 12/08-08
Competent Person for Industrial Safety & Health.
Approved Valuer F-16520