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Regd. No. NSK/PRG (A) (3) (S) Dated : 15/10/1970

THE KADWA SAHAKARI SAKHAR KARKHANA LTD., MATEREWADI

Rajaramnagar, Tal. Dindori, Dist. Nashik. (Maharashtra) Pin - 422 209

कादवा सहकारी साखर कारखाना लि., मातेरेवाडी,

राजारामनगर, ता. दिंडोरी, जि. नाशिक. (महाराष्ट्र - ४२२ २०९)



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Minutes of Meeting (MOM) 16/05/2026

Pre-Bid Meeting – Boiling House Work

Project: Expansion cum Modernization Project – Boiling House Pre - Bid Meeting at kadwa S.S.K Ltd., Materewadi (Nashik) site with shri.Rahul R.Patil Technical Advisor VSI Pune and Technical Contractor along with Kadwa Karkhana Management.

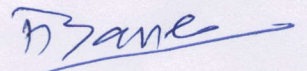
Points Discussed and Agreed

1. Page No. 29, Point No. 3.3 (iii): Staging for additional proposed evaporator shall be excluded from the tender scope.
2. Page No.59, Point No.4.1.1: Mass Flow Meter and juice flow stabilization system shall be provided as per tender. With control valve and bypass arrangement for juice flow control and all signal's provide up to mill DCS panel.
3. Raw juice pipeline of 250 mm size shall be considered in M.S. heavy duty C-Class piping shall be the scope of supply.
4. MOC of condensate receiver of VLJH shall be M.S.
5. MOC of VLJH calandria and jacket shall be S.S. 409.
6. Condensate heater battery for raw juice heating shall be with Butterfly Valve/double Beat Valve. EPDM rubber sheet to sustain 120°C temperature shall be considered for Butterfly Valve.
7. MOC of DCH for SJ & CJ heating shall be S.S. 304 with 6 mm thickness.
8. MOC of SO₂ gas line shall be make of FRP material.
9. Mud tray and agitator MOC shall be M.S. with S.S. 409 lining of 2 mm thickness.
10. Rotary Vacuum Filtrate Tank MOC shall be M.S. with S.S. 304 lining of 2 mm thickness.
11. Vacuum Pump for Rotary Vacuum Filtrate of capacity 20 m³/min × 1 No. shall be considered.
12. FFE juice distribution MOC shall be S.S. 304 and thickness shall be as per OEM design.
13. Boiling house 1st body Exhaust condensate line shall be provided up to boiler deaerator tank, approximately length 120 mtr.
14. Separate DCS system shall be provided. DCS system shall be included with engineering station 2 Nos. & operating system station – 03 Nos. shall be provided as per tender only.
15. PHE for exhaust condensate heat recovery shall be considered for heating of cigar condensate by maintaining exhaust condensate temperature up to 102°C with automation.

16. Caustic Soda Tank of capacity 200 HL × 1 No. with stirrer shall be provided.
17. One (1) no. Acid chemical storage tank of 20 m³ capacity shall be installed for preparation, storing and pumping of acid to FFEs. This tank shall be horizontal cylindrical tank of SS 304 MOC with 5 mm thick shell plate and 6 mm thick end plates, with suitable size stiffeners. Two (2) nos of Sight glasses shall be provided on the end plate of the tank to monitor the level of acid in the tank. Acid feeding nozzle of 300 NB size shall be provided on the top of the tank.
Two (2) with acid pumps, each of 20 m³/hour capacity, 30 metre head (one working and one standby) with drive motors shall be installed. MOC of the acid pumps shall be Casing and Impellor :ASTMA 351 GR. CF -8
Shaft and Shaft sleeve: SS 304
Shaft Seal type: Gland packing
Base Frame: Mild Steel (Fabricated)
Suction & Delivery lines: SS 304 with Sch. 10 thickness.
18. MOC of common condensate tank (Cigar) shall be S.S. 304 with 6 mm thickness.
19. Horizontal Continuous Pan discharge valve of 350 NB shall be considered.
20. Twin-type Vertical Crystallizer of capacity 350 MT – 1 No. shall be considered. Shell thickness shall be as per IS specification.
21. Masecuite Header of suitable size for C masecuite shall be provided with 8 mm thickness.
22. Transient Heater for C masecuite shall be provided for existing one machine & one new centrifugal machine.
23. Air Compressor capacity for Centrifugal & Sugar House shall be 350 CFM with standby compressor of same capacity.
24. Cooling arrangement for excess condensate, sulphur burner cooling water, and vertical crystallizer cooling water shall be provided. It is preferable to consider separate fanless cooling towers for excess condensate, sulphur burner, and vertical crystallizer condensate.
25. SO₂ gas coil shall be perforated branch pipes and MOC shall be S.S. 316L Schedule 40.
26. Three-way dump valve for 1st body exhaust return condensate along with conductivity sensors and controller shall be provided. It shall be integrated with the DCS system. Rejected condensate shall be diverted up to overhead tank.
27. The dismantling and re-erection of the following equipment shall be within the supplier's scope: Spray pond (Main header, Miners, clusters, Nozzles, all piping), Juice Sulphitor, Mud Mixer, cyclone, Sulphur Burner (100 kg/hr), 45 MT Receiving Crystallizer, Overhead Tank, Exhaust Line (500 NB - 90 M), Injection Pump header (900mm), 2nd Vapour Line (700 NB - 90 M), 1st Vapour Line (900 NB, used as 2nd vapour), cutlines, syrup lines, molasses lines, hot and cold water lines, and washout lines at the pan station. New juice lines, Condensed water lines, Hot and cold water lines, and washout lines & related valves at the juice heater, evaporator and centrifugal stations, as well as vapour pipes and valves at the existing evaporator, are also included. All related valves above mentioned existing work shall be within the supplier's scope.
28. Reuse of Materials: All existing dismantled valves and pipes that are in good, working condition may be reused where necessary.

29. Standard ERW piping with fittings shall be considered in the Expansion cum Modernization Project. Fabricated pipelines above 12" shall be considered on Kg basis & All required Insulation shall be in the Supplier scope. Lowest quotation of any bidder shall be applicable for tender awarded bidder.
30. Mechanical circulator for the last two compartments of Horizontal Continuous Pan shall be considered.
31. Bagacillo blower & its piping shall be in scope of supply.
32. Flocculant preparation and dosing system shall be provided to existing and New Clarifier.
33. Lime Proportionating unit shall be provided.
34. One common mud mixer of suitable size shall be considered for 2 Nos. of 10' × 20' Rotary Vacuum Filters.
35. All ERW standard piping valves shall be Kirloskar / Leader/ Throat make only.
36. Existing receiving crystallizers of capacity 45 MT × 2 Nos. below the proposed new continuous pan from existing C massecuite receiving crystallizers shall be utilized.
37. New B-seed magma mixer complete with all accessories such as gearbox, magma pump, hot water connection, etc. shall be considered Existing magma mixer shall be utilized below C massecuite centrifugal machines for CFW magma preparation. Existing magma pumps shall be used if found suitable for the desired crush rate.
38. Existing juice heater modification shall be considered for the proposed desired crush rate along with all required accessories under supplier scope.
39. Preferred makes for Juice Clarifier and Rotary Vacuum Filter shall be Universal Heavy Engineering / Hi-Tech Engineering only.
40. Vacuum crystallizer of capacity 50 MT × 1 No. shall be considered.
41. Two discharge valves shall be considered for new batch pans of capacity 80 MT × 2 Nos.
42. Mechanical circulators shall be considered for existing batch pans of capacities 60 MT × 2 No. and 45 MT × 4 Nos.
43. Mechanical circulators shall be of Galaxy make only.
44. Juice draining arrangement below juice heaters shall be provided by the supplier.
45. Batch and continuous centrifugal machines shall be of Walchandnagar Industries Ltd. make only.
46. Horizontal Continuous Pan shall be of Indiana Sucro Tech / Thyssen Krupp / ISGEC / Shreejee make only.
47. New batch centrifugal machine of capacity 1750 Kg/charge shall be provided with tilting valve and pneumatic scraper.
48. Iris valve / Knife edge valve shall be provided with centrifugal machine along with required automation.
49. New Electrical heater shall be provided for heating condensate of second body up to 115oC required for SHWW.
50. Condensate line after condensate heater and overhead tank to mill imbibition tank with related valve shall be provided.
51. 2500 Meter Cube/Hr X 3Nos. head 18 Mtr. Spray Pond Pump's to be consider in scope of supply.
52. VFD shall be considered for motor 75 KW and above except the continuous machine application.

53. All feeds should be operated from DCS logic shall be provided such that.
54. Load AI to DCS shall be considered for VFD panels.
55. For below 630A panel depth shall be 600mm and above 630A depth shall be 800 mm.
56. Space heater shall be provided for motors above 75kw.
57. All VFD Shall be provided with input choke as per requirement and consider Output choke for the distance above 50 meter.
58. Motors should be 1E3 type.
59. From PCC outgoing -feeder onwards & (cable, cable tray, Support, Laying, termination) including MCC panels and up to motor's is in the scope of Supplier. (Appr. distance from PCC to MCC shall be consider 100mtr).
60. Lighting arrangement shall be provided for new/modification/staging Equipment by the vend supplier.
61. Earthing up to below bottom of earth (Including earth pit) is the scope of supplier. Excavation is in the factory scope.
62. Dismantling and Re-erection of Electrical Equipment (which is panels or motors its cables) is in the scope of supplier, regarding modification work if any.
63. All statutory approval for IBR work shall be taken by supplier.
64. Before submitting the Technical Bid, the bidder must visit the Karkhana site to address any technical queries and to take measurements of the pipelines and related valves.
65. Please quote the Tender for Horizontal Continuous Pan (Tender A) & Vertical Continuous Pan (Tender B) Separately.
66. Regarding the supply of machinery, the payment terms & conditions will remain strictly as per the guidelines of the state level machinery purchase committee & as specify in the tender.
67. The supply of machinery at site shall be carried out in a proper sequence-wise manner. The machinery received first at site shall be given priority for erection, ensuring a "first come, first erected" system for smooth and systematic execution of work.
68. The supplier must upload a stamped and signed copy of the Pre-Bid MOM along with tender with during the tender document submission, and also bring a hard copy of the Pre-Bid MOM to the Technical Bid meeting.
69. Erection and trial testing work shall be completed before date 30th September 2026 without fail.



Managing Director
Kadwa SSK Ltd., Materewadi