

Shri. Someshwar S. S. K. Ltd. Someshwarnagar, Tal. Baramati, Dist. Pune

TECHNICAL PRE-BID MEETING MINUTES

For installation of

New 60 KLPD distillery plant based on C-molasses/90 KLPD based on sugarcane syrup/B-Hy molasses along with 90 KLPD MSDH plant, 1200 M³/day standalone raw spentwash evaporation plant and 1400 M³/day Condensate Polishing unit (RO based)

Shri. Someshwar S. S. K. Ltd.	Supplier
Shri. Purushottam Jagtap , Chairman Shri. R. N. Yadav , Managing Director Mr. P. Parkale , Distillery Manager	Praj Industries Ltd. Mojj Engineering System Ltd. Raj Process Equipment & Systems Pvt. Ltd., Meru Industries LLP
VSI	Procient Engineering Pvt. Ltd.
Mr. Viraj Pisal , Joint Technical Advisor Mr. Harish Pachpute , Alcohol Technologist	

The following points were discusses during pre-bid meeting:-

1. Distillery & MSDH plant capacity should be considered as 60 KLPD on C-molasses/ 90 KLPD on sugarcane syrup/B-Hy molasses as feedstock to produce Rectified spirit and fuel ethanol (90 KLPD MSDH plant)
2. Each Fermenters and Clarified wash tank capacity to be considered 600 M³
3. Walk-way for existing distillery plant to new distillery plant with structure, railing, grating, toe guard, roof cover etc.
4. Supplier shall provide the suitable capacity of tank & pumps with motor to transfer the spentlees from distillation section to equalization tank of R.O. plant with pipeline MOC – SS-304, valves, clamping, structure etc.
5. Mass flow meter (2 No.) should be provided on molasses pipeline from new molasses storage tank (M2) to molasses day storage tank of new distillery plant.
6. Consider evaporation Force circulation effect body (2+2 Nos) with necessary material for evaporation plant.
7. R.S. and ethanol transfer receiver to bulk storage tank and issue pump with motors (1+1 Nos.) capacity should be 80 M³/hr instead of 50 M³/hr .
8. Main power cable from PCC to MCC panel with tray and supporting structure, clamping is in supplier scope.
9. Steam condensate to be carried away by supplier up to the sugar mill boiler/Incineration boiler feed tank with pipeline- MOC-MS, supporting structure, clamps etc.
10. Steam should be provided by TG supplier to distillery plant header along with IBR pipeline supporting structure, clamps etc.
11. Raw spentwash evaporation plant all motors, electrical cable should be considered non-flame proof.
12. Raw spentwash evaporation plant should be designed at 1.5 kg/cm² (g) pressure. Steam should be taken from distillery plant header (3.5 kg/cm² (g) pressure). Necessary PRDS should be provided by supplier.
13. Steam supply arrangement should be given for force circulation floating body also.

14. Concentrated spentwash pipeline from SMEE product tank to incineration boiler feed tank will be in the scope of supplier along with pipeline- MOC-SS-304, supporting structure, clamps etc.
15. RO plant permeate recovery should be greater than 85 %.
16. Karkhana will provide the gutters and RCC pit for collection of drain water from fermentation, distillation and spentwash evaporation section. Supplier shall provide the suitable capacity pumps with motor to transfer the all washing water to the nearest point (spentwash storage tank) with pipeline MS “C” class, valves, clamping, structure etc.
17. All civil foundation work for distillery, spentwash evaporation plant and CPU (RO based) will be in karkhana scope. The supplier shall provide necessary civil and foundation drawings and equipment load data to the karkhana.
18. Foundation bolt for all equipment will be in the scope of supplier.
19. Firefighting system is in the scope supplier.
20. The distillery, spentwash evaporation and CPU plant should have LED lightning arrangement in plant as well as cooling tower, WTP, blowers, RCC tank site, DG set, alcohol storage tank etc. Complete earthling and overhead cabling with all accessories are in the scope of the supplier. Civil work of earthling will be in the scope of Sugar mill.
21. All other specifications of Plant & Machinery should be as per tender documents.
22. Plant erection completion period as per tender notice.
23. Suppliers will also enclose “No deviation” letter along with technical offer.
24. All Pumps Make – Micro finish & Kirloskar
25. Lagoon to Evaporation plant spent wash feed pump consider floating type feed pump MOC-SS316
26. Compressor Make – CP.
27. PHE Make – Alfa Laval.
28. Consider Distillation & Evaporation Section Flow Control Valve Make – Forbes Marshall
29. Level Transmitter/Pressure Transmitter Make – Siemens
30. Flow meter Make – E & H.
31. Control Valve for MSDH Plant Make – Bray
32. Exiting & new plant Fermented wash line must be connected.
33. Online conductivity meter and dump valve to be provided for condensate transfer line & Same line also SMEE feed tank.
34. Foundation bolt for all equipment will be in the scope of supplier.
35. Pipeline and cabling app. distance is as follows-

Sr. No.	Pipeline and cabling details	App. distance in meter
1.	PCC/Transformer to distillery MCC panel cable	60
2.	Distillery to spentwash storage tank	260
3.	Spentwash storage tank to spentwash evaporation plant	400
4.	Spentwash evaporation plant to incineration boiler	85
5.	Spentwash evaporation plant to CPU which includes distillery plant	400
6.	CPU to distillery plant	380
7.	CPU to spentwash evaporation plant	400

8.	Steam pipeline from distillery to Spentwash evaporation plant	110
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Note: - This minute of meeting becomes the part of the tender document and has to be signed and stamped by the supplier and will be submitted along with tender documents and technical offer.