

**Pre-Bid Meeting Clarification given in Meeting on date 31.08.2020 against tender for Designing, Execution, Supply, installation commissioning and certification of RO plant at Cattle Feed Plant, Palanpur**

Sr. No.	Page No.	Point No.	As per Tender	Comments from Supplier	Reply By Banas Dairy
1	25	technical specification of equipments	Feed and High pressure pump make: Grundfos/Lubi	kindly considered Grundfos/Sulzer. Luby is not preferable brand for WTP System.	Grundfos/KSB/As per Tender
2	25			kindly please freeze the design flux.	at least 3 Membrane
3	27	technical specification of equipments-1	Feed Pump: MOC- Body CI, Contact part SS 316.	TDS is very low so there is no need of SS316 pump except cleaning pump. We request you kindly allow CI-SS304 pump in RO Feed pump.	Low Pr. Pump Body C.I, Contact Parts SS-304 & High Pr. Pump SS 316
4	21	technical specification of equipments- 12	CLEANING CHEMICAL PUMP- MOC- Body CI, Contact part SS 316	grundfos is not giving CI body with Contact part SS 316. so please considered completely SS316 Pump.	Considered Completely SS 316
5	25/26	Annexure- 4 : Turnover Details	Turnover of Financial Year mention in tender from 2016-2020	we have segregate our project division on the name of Aldee Water Pvt. Ltd. since 2017 so we request you kindly allow us to submit financial turnover from 2017 onwards.	Allowed
6		technical specification of equipments	MGF Feed pump , High pressure pumps and RO water transfer pumps , Make as per Tender is GRUNDFOSS/ LUBI.	Our comment is to "KSB" also as approved Brand.	Grundfos/KSB/As per Tender
7				Motor efficiency is not given in tender : To add IE2 as efficiency for all motors .	For horizontal Pump Motor IE2 and vertical Pump Motor IE3
8		technical specification of equipments		We understood that the RO feed capacity is 6 m3/hr from which minimum permeate will be 3 m3/hr @ 75% recovery rate. Please correct us if required	Permeate flow 3 M3/HR. Recovery rate should be minimum 75%.
9		technical specification of equipments		We understood that the RO outlet will be feed to the existing DM plant (to reduce total hardness) and the total hardness of the DM outlet shall be less than 5 ppm. Please correct us if required.	RO Plant outlet will feed this permeate water to Feed water tank of boiler for steam generation. There is not any DM Plant available. Therefore max. hardness require is 5 PPM.

10		technical specification of equipments		Multi Grade Filter: We request you to change/allow the type of valve to "Multiport Valve"	As per tender
11		technical specification of equipments		Antiscalant Dosing System Tank Make: We request you to add "National" in the make list as "Sintex" and "Kaka" stopped manufacturing of the HDPE Tank.	As per Tender/National
12		technical specification of equipments		Antiscalant Dosing System Pump Make: We request you to add "S R Metering", "Xeed", and "Injecta" in the make list as its equivalent to the makes given.	As per tender
13		technical specification of equipments		Micron Cartridge Filter Make: We request you to add "Bazooka Oceanus" in the make list as its equivalent to the make given	As per tender
14		technical specification of equipments		Electrical Panel: We request to allow bottom entry cable in the panel to avoid the risk of the liquid entrance.	As per tender
15		technical specification of equipments		List of Preferred Makes, Conductivity & pH Transmitter: We request you to add "Siemens" and "WTW(Xychem)" in the make list.	As per tender
16		technical specification of equipments		List of Preferred Makes, Magnetic Flow Meter: We request you to add "Flowtech" in the make list.	As per tender
17		technical specification of equipments		List of Preferred Makes, Pressure Transmitter: We request you to add "Siemens" and "E&H" in the make list.	As per tender
18		technical specification of equipments		List of Preferred Makes, Electrical Motors: We request you to add "CG" and "Bharat Bijlee" in the make list.	ABB/Siemens/KSB/Grundfoss/ As per Tender
19		technical specification of equipments		List of Preferred Makes, Valves: We request you to add "Cair Euromatic" and "Durga" in the make list.	As per tender
20		technical specification of equipments		List of Preferred Makes, Water Pump: We request you to add "Kirlokar" and "Wilo" in the make list	Grundfoss/KSB/As per Tender

21		technical specification of equipments		List of Preferred Makes, Chemical Dosing Pump: We request you to add "S R Metering", "Xeed", and "Injecta" in the make list	As per tender
22		technical specification of equipments		List of Preferred Makes, RO Membrane: We request you to add "Hydramam" and "Hi-tech" in the make list.	As per Tender/Torrey also
23				We request to you consider the project completion time of at least 4 months as the first month will be required for the detail engineering only.	As per tender: 2 months only