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No. SunPetro/Bhaskar/MPFM/2025-26/245/Bulletin-1

Date: 07.11.2025

BULLETIN #1

Sub: Multiphase Flowmeter including all accessories for Bhaskar-I field.

Ref: RFQ/ Inquiry No.: SunPetro/Bhaskar/MPFM/2025-26/245

Sun Petrochemicals Private Limited (SunPetro), hereby authorized following amendment / clarification in the above referred RFQ/ Inquiry:

Bidder Query	SunPetro response
- operating pressure is only 5 to 7 barg. Thus Flange rating of 600#RF will be ok ? - please confirm MPFM – A will be used for Well testing or Production Monitoring ? - MPFM-A – the full range cannot be covered. We have selected the MPFM sizes that could cover most of the cases. As result, we are not able to cover the case with minimum liquid flow and maximum watercut, which gives minimum oil and minimum gas flow and a velocity of only 0.6 m/s. - MPFM-B – the full range cannot be covered. The provided liquid flow range is far too wide, that even any combination of %WC, pressure, and temperature resulted to flow velocity that cannot be covered by a single MPFM size. - We recommend using only Gamma type MPFM for the Project, as it offers better Accuracy over Non Gamma Technology due to Direct Density Measurement . which is Very Important in Multiphase flow measurement. - We request Confirmation on the Sizing sheet and Confirm the Meter size to Proceed for below Tender Quoting. ?	- Plant flange ratings are of #300. Vendor to provide #300 flanged item. However, If vendor item is of flange rating #600, suitable spool piece may be added. - MPFM-A is for Production monitoring. - Since Train-A is already handling ~12000 BLPD, minimum liquid case is not valid here. So, MPFM-A is suitable. - MPFM-B (ID-67) is not suitable due to high velocities and pressure drops. - MPFM-B (ID-132) seems to be suitable. However, low flow requirements are not met. Bidder may be asked for minimum liquid condition which can be met with ID-132. - Bidder has quoted for Gamma variant. Our requirement is of non-Gamma type as the requirement is for allocation purpose only.

All other terms and conditions of the Inquiry/RFQ remain unchanged.

Regards,

Sun Petrochemicals Pvt. Ltd.