

# Sun Petrochemicals Private Limited

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No. SunPetro/Bhaskar/Storage Tank/2025-26/SPPL-234/Bulletin-4

Date:23.04.2026

## BULLETIN #4

**Sub: Crude Oil Storage Tanks at Bhaskar-I Field, Gujarat.**

**Ref: Tender No.: SunPetro/Bhaskar/Storage Tank/2025-26/SPPL-234**

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

Sr No	Bidder Queries	SunPetro Response
1	Annexure-15 Page 2, Showing TT and and Page 38 of 117 showing RTD But in the Annexure 15 showing length of RTD 1500 mm IS RTD will be Applicable of MST is required ?.	Bidder to prepare datasheets for specifications provided in Tender document as per applicable codes and standards.
2	Kindly suggest it is RO SOV for Inlet and Outlet of the Tank	RO SOV at tank body and MOV just outside the dyke wall for tank inlet and outlet line (Refer OISD-244) will be in the Bidder's Scope
3	Distance from Tank Farm Area to Control Room	Tentative distance of 500m to be considered
4	Existing DCS/ PLC and ESD PLC system Make and model to be shared	Bidder scope is upto the dyke wall. Integration with DCS/PLC is in the scope of SunPetro.
5	Existing DCS/ PLC, F&G PL & ESD PLC system Spare availability	Successful Bidder to provide requirement post award.
6	TFMS system required or directly connect to DCS/PLC system	TFMS is not required.
7	Control Room is existing or we have to make New	Control room is in scope of Company
9	Any Pump is in scope which is required	Not in Bidder's scope
10	Header distance from the Tank farm Area	Bidder scope is up to the dyke wall.
11	Pls provide the height of dyke wall	Height to be as per applicable codes and standards.
12	Overall Plot Layout Diagram	Tentative layout is attached.
13	P&ID Diagram	Bidder to develop the P&ID
14	Electrical Single Line Diagram	Details will be applicable post award
15	GAD for Control Room Building and Substation Building	Details will be applicable post award
16	Existing System Architecture Drawing for DCS.	Details will be applicable post award
17	Plant Load List and Equipment Details.	Details will be applicable post award
18	Plant Layout Diagram for Crude Oil Storage Tanks dia. 18 m x 10.8 m height at Bhaskar-I Field in Khambhat	Tentative layout is attached.
19	Crude Oil Storage Tanks dia. 18 m x 10.8 m height at Bhaskar-I Field in Khambhat <b>General arrangement Drawing for Piping.</b>	Bidder to develop the GAD of the piping.
20	Request to Provide, Process Data Sheet for all equipments	Bidder has to develop the same

21	As per the scope we Understand the Electrical and Instrumentation works up to the Dyke area under the contractor scope. Outside of the Dyke Supply of Cable Tray, Cable laying and interface with existing system under the Main Contractor Scope. Kindly confirm.	Electrical and instrumentation works up to the dyke wall is under the bidder scope. Integration with existing DCS/PLC is in the scope of SunPetro. However, signals of Instruments including SDV on foam line shall be terminated in th JB(In the scope of the bidder) just outside the dyke wall.
22	Request to Provide Basis of Design Document (Flow, Pressure and Temperature).	Tank basic parameter document is attached as Annexure.
23	Standard Specification and Data Sheet for Pipe, Valve and fittings.	Bidder has to develop the same
24	Existing DCS Details.	It will be provided during detail engineering
25	UPS Power Supply will be Provided by Customer near to the Dyke area.	Bidder to specify the requirement of UPS.
26	As per the tender Scope the contractor to be supply the instruments for Tank.Kindly confirm the Power JB,Instrument JB,Cable Tray & Cable upto the dyke under Contractor Scope.	Bidder understanding is correct.
27	Request to provide the detailed Scope of Cathodic Protection System and Power Supply Location.	CP system for inside and outside with monitoring system is in the Bidder's scope and work shall be done as per OISD guideline. Power supply till TR unit will be provided by SunPetro.
28	Fire and Gas Detection System request to provide detailed Scope & data Sheet. Request to Provide Existing PLC details.	F&G Detection System shall be in the bidder scope, including design, supply and installation. Detailed datasheets shall be developed by the bidder.
29	Existing Lighting system arrangements and Owner power point source location to be confirm.	Power will be made available just outside the dyke wall - The power supply for the lights in the tankage area will be taken from the upcoming PMCC panel.
30	Provide payment breakup	Payment Terms are mentioned in the Tender
31	Provide Soil report	Soil Report is attached
32	Kindly clarify the scope of integration of the instrumentation with the existing system. Will the instrumentation system be controlled by a new PLC system supplied by the contractor or is it to be directly integrated into the DCS. Moreover, kindly provide details of the existing system and availability of spare IO Cards in the same.	Bidder has to consider all instruments on the tank farm in their scope. And the scope is up to dyke wall. Integration is in the scope of SunPetro.
33	Kindly provide the functional control requirements for control valves, if any are envisaged for this project.	No Control Valves are envisaged.
34	Kindly provide details on the philosophy and functional operability of the bottom recirculation system.	Details will be applicable post award
35	Kindly provide details on the philosophy and functional operability of the vapor balance system.	Details will be applicable post award
36	Kindly confirm the scope of safety studies required for the project.	Bidder to carry out as per applicable standards and good engineering practice.
37	We understand that fire water system in the facility is suitable to cater to the demand generated by this project and a suitably sized hookup point will be	Bidders understanding is correct

	made available at the dyke wall for connecting the new system. Kindly confirm	
38	We understand that the zoning philosophy for deluge valves shall be as per the discretion of the contractor, based on detail engineering. Kindly confirm	Bidders understanding is correct
39	Upon review of the proposed tank farm layout, it was observed that the Fire Water Monitors shall not be adequate to provide the required coverage as per OISD norms. We propose that the these monitors be replaced with HVLR monitors to cater to the requirement of area coverage. Kindly confirm.	Firewater network outside the dyke wall is not in the Bidder's Scope.
40	During the site visit, it was observed that an irrigation canal is passing through the area earmarked for this project. We understand that filling/ rerouting of the same shall be done by SunPetro prior to commencement of site works by the Contractor. Kindly confirm.	Bidders understanding is correct
41	Kindly clarify the acceptable dead volume percentage for the tank design.	As per API 650 and shall be finalized during detail engineering
42	Kindly clarify whether the tank volume to be considered for design of the heating coil (Full tank volume, Half tank volume, etc.). We understand that thermic fluid shall be used for heating purposes.	Tank basic parameters document is attached as Annexure. Regarding thermic fluid bidder understanding is correct.
43	Kindly provide the list of process tie-in points required for this project along with the locations/ distances of the hookup points.	Details will be applicable post award
44	Kindly clarify whether the emergency relief valves shall be mechanical type or rupture type.	Bidder to consider the mechanical type. However bidder to finalize type during detail engineering.
45	Kindly provide the Piping Material Specification (PMS) and Valve Material Specification (VMS) to be followed for this project.	Attached as Annexure
46	Kindly provide a list of approved vendors for the project along with a requirement of any specific makes for major products (if any). The same shall have a commercial impact on the bid.	Details will be applicable post award
47	Kindly provide the location for installation of distribution panels for the project along with the details and location of the source feeder. We understand that a separate UPS is not required for this tender and a suitably sized feeder shall be provided. Moreover, kindly provide the voltage rating for the same.	Power will be made available just outside the dyke wall. For Voltage rating and UPS please refer tender document page No -34 & 37
48	Kindly clarify the heat tracing requirement for the project.	Heat tracing of all crude oil lines and Insulation of HOS and HOR is in Bidder's Scope
49	Kindly provide the scope of area illumination, as certain existing high masts were observed in the adjacent areas.	For tank farm area illumination is in bidder scope.
50	Is emergency lighting required in the tank area? If yes, will be local battery backup type or source-fed from an existing emergency power source?	Bidder to consider as per Tender specs(Page No - 36 and Clause No - 3.7)

51	We understand that the hot-dip galvanization requirement for structural components shall be limited to the components being installed on the tank itself and shall not be applicable on the piping crossovers and other auxiliary structural components. Kindly confirm.	Yes, Bidder's understanding is correct.
52	We understand that construction power and water shall be provided by SunPetro, at no additional costs. Kindly confirm.	It is in Bidder scope.
53	CRUDE OIL STORAGE TANK (Dia. 18m x height 10.8m, Fixed roof type) Bidder understands that the size provided in bid documents is firm.	Yes, Crude oil storage tank size provided in the bid documents is firm.
54	Bidder requests company to provide mechanical data sheet.	Bidder to prepare the Mechanical datasheet
55	Civil works including design and construction of tank foundation, dyke wall and paving inside dyke area Bidder requests Company to provide size, type, dimension of dyke wall.	As per Section III – Scope of Work & Clause no. 3.1 - Bidder to design and prepare detail drawings for all civil works as per API 650 , OISD 118 and other applicable standard.
56	Supply and installation of cathodic protection system for the storage tanks. Bidder understands that adequate power supply shall be provide by Company	Power supply till TR unit will be provided by SunPetro. CP system for inside and outside with monitoring system is in the Bidder's scope and work shall be done as per OISD guideline
57	Bidder understands that any feeder modification and other modification to provide power for this project is in client scope	Yes, Bidder's understanding is correct
58	Bidder request Company to provide applicable standard for the Roof requirement.	As per API 650 and other applicable standards.
59	Bidder requests Company to provide basic engineering documents along with tank drawing.	Tank Basic parameters documents attached as Annexure.
60	Bidder request Company to confirm whether DP or MPT before bedding.	Bidder to apply DP/MPT as applicable and decision for the same lies with the bidder.
61	Bidder requests Company to confirm % of DP/MPT test	The code does not specify a percentage for PT/MPT testing of welds.
62	Bidder requests Company to provide mechanical design basis.	Bidder shall prepare the Mechanical Design Basis
63	Bidder requests Company to provide detailed PID.	Bidder shall prepare P&ID.
64	Bidder request Company to confirm F&G requirement.	F&G system is required and shall be considered in bidder scope.
65	Bidder understands that PBG shall be submit after completion of project.	PBG to be submitted within 15 days from the date of award which is already mentioned in the tender.

All other terms and conditions of the Tender remain unchanged.

**Regards,**

**Sun Petrochemicals Pvt. Ltd**