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No. SunPetro/Bhaskar/Crude Oil Pump House/2026-27/SPPL-293/Bulletin-2 **Date: 19.11.2026**

BULLETIN #2

Sub: Construction of Crude Oil Transfer Pump House Along with All Associated Works at Bhaskar-I Field, Gujarat.

Ref: Tender No.: SunPetro/Bhaskar/Crude Oil Pump House/2026-27/SPPL-293

Sun Petrochemicals Private Limited (**SunPetro)**, hereby issues the following amendment/ clarification to the above-mentioned Tender.

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1.	SPPL-293	67 / 163	Sec-IV Sl. 1 to 3; Sec-VIII Cl. 8.33.6	Design & Engineering, Statutory Approvals and Issue of AFC drawings marked under both SunPetro and Contractor. SCC 8.33.6: Contractor responsible for discrepancies, errors or omissions in specifications/drawings "whether ... prepared by or reviewed and approved the Company or not".	Bidder understands that basic and detailed engineering (P&IDs, datasheets, layouts, SLD, HAC, specifications) shall be carried out by SunPetro / its consultant and issued as AFC, and that Contractor's engineering shall be limited to site / construction engineering (isometrics, MTO, structural fabrication and foundation shop drawings, cable schedules, hook-ups and as-builts). Bidder requests SunPetro to kindly confirm. Bidder further understands that errors / omissions, if any, in Company-issued design documents shall be treated as change, and that BOQ quantities shall be the bid basis with variations paid at quoted unit rates. Kindly confirm.	Bidder's understanding is correct. This is item rate tender. The Contractor shall be paid for quantities executed, as per AFC drawings. In case of revision in AFC, the actual quantities executed shall be paid.
2.	SPPL-293	67 / 115	Sec-IV Sl. 2; Sec-VII Table-B Note 18	Statutory Approvals: SunPetro and Contractor. Note 18: "Contractor shall obtain approval for all HT and LT equipment, including the NOC for HT equipment from DGMS".	Bidder requests SunPetro to kindly list the statutory approvals envisaged in Contractor's scope (e.g., DGMS under OMR-2017, Electrical Inspector, PESO for Ex equipment, crane certification). Bidder understands that statutory fees shall be borne / reimbursed at actuals by SunPetro, applications shall be made by SunPetro as Owner / Operator with document support from Contractor, and time taken by authorities beyond Contractor's control shall not be counted towards completion period / LD. Kindly confirm.	Bidder's understanding is correct.
3.	SPPL-293	33 / 120	Sec-III Cl. 4.0 B.2; Table-D Items 1 & 2	SOW: Booster Pumps P-101C/D and Export Pumps P-102C/D. Table-D: P-101E/F and P-102E/F.	Bidder observes that PFD EJB-2026-02-030-PRO-DWG-001 Rev-1 shows existing P-101A to D / P-102A to D and new P-101E/F/G / P-102E/F/G. Bidder understands that present scope covers 2 Booster + 2 Export pumps and that the third pump (G) is future (foundation only, ref. Sec-III C.2).	Two Feeder/ Booster pumps and two Export pumps shall be installed. However, foundation shall be constructed for one future pump (both Feeder/booster and Export).

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					Bidder requests SunPetro to kindly confirm the correct tag numbers.	
4.	SPPL-293	44	Sec-III Cl. 4.0 C.2	"3 Nos. Booster Pumps, including one for future pump. 3 Nos. Export Pumps, including one for future pump."	Bidder understands that for future pump positions, scope is limited to foundation with anchor bolts / sleeves. Bidder requests SunPetro to kindly confirm whether suction / discharge stubs with isolation valves & blinds, cable / instrument provisions and switchgear feeder are also envisaged. Bidder also requests clarification on the intended use of the 2 spare 6.6 kV feeders in Table-B Item 2.2.	For future pumps only foundation and minimum isolation valves etc. shall be constructed, so that future pumps can be installed without disruption of operations. This is item rate tender. Payment shall be made for actual work executed. Spare feeders are for future use.
5.	SPPL-293	67 / 88	Sec-IV Sl. 8 & 9; Table-B Item 4	Free issue of Feed/Booster Pumps: 250 x 150 VPCS (VS-6) KEPL make - 2 nos. Free issue of Export Pumps: 150 (A) DCD (BB5) KEPL make - 2 nos.	Bidder requests SunPetro to kindly share KEPL vendor data (GA, weights of pump / motor / can, foundation loads, allowable nozzle loads) for foundation and piping design. For VS-6 pumps, Bidder requests clarification whether suction can / barrel is part of free issue, and the required pit / can depth. Bidder understands that drive motors (Table-B Item 2.2: 425 kW x 2 and 315 kW x 2, 6.6 kV) and couplings are part of free issue; kindly confirm, and indicate which motor rating belongs to which pump.	The required data shall be shared during detailed engineering. Approximate total weight of VS-6 pump is 7.5 MT including motor. Suction can/ barrel is part of free issue material. Can depth is app. 5.0 meter. Motot-pump coupling is free issue. Feeder/ booster pump motor rating is 315 kW, Export pump motor rating is 425 kW.
6.	SPPL-293	67 / 88	Sec-IV Sl. 8 & 9; Table-B Item 4	Free issue of Feed/Booster Pumps: 250 x 150 VPCS (VS-6) KEPL make - 2 nos. Free issue of Export Pumps: 150 (A) DCD (BB5) KEPL make - 2 nos.	Bidder understands that KEPL supervision for installation, alignment and commissioning shall be arranged by SunPetro. Kindly confirm. For selection of 6.6 kV soft starters (Table-B Item 4), Bidder requests KEPL motor data (FLC, starting current / time, load inertia, RTD/BTD) and pump starting condition. Bidder understands that starting performance of free-issue equipment shall remain with SunPetro / KEPL.	KEPL supervision for installation, alignment and commissioning shall be arranged by SunPetro. The motor/ pump data required for soft starter shall be shared during detailed engineering.
7.	EJB-2026-02-030-MEC-MDS-001 Rev-1	Sh. 1 & 5	Revision block; Tech. Spec Items 2 & 7	Rev-1: "Revised EOT capacity from 20 to 10 tons". Lift (below hook): 7.5 m.	Bidder requests SunPetro to kindly confirm that 10 T SWL and 7.5 m lift cover the heaviest maintenance lift in the pump house, i.e. BB5 export pump barrel / cartridge, 425 kW 6.6 kV motor, and withdrawal of VS-6 pump column / bowl assembly (which normally needs hook height above	Total weight of Export pump is app. 11.2 MT, which includes motor 1.8 MT, pump 3.3 MT and base frame 5.5 MT and balance misc. items. Bidder understanding is correct.

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					floor more than the assembled length). As SWL and lift are fixed by Company datasheet, Bidder understands that Contractor's obligation under Sec-III A.11 (crane adequacy) shall be limited to compliance with this datasheet. Kindly confirm.	
8.	EJB-2026-02-030-MEC-MDS-001 Rev-1	Sh. 3 & 4	Cl. 1, 2 & 3	Scope: EOT crane "in Fabrication shop"; Installation: Indoor; Area Classification: Hazardous, Dusty. Motors: hoist duty, squirrel cage, TEFC. Pendant 24 V.	Bidder observes that the crude oil pump house is a classified area (motor datasheet ELE-DS-001: Zone-1, Gas Group IIA/IIB, T3). Bidder requests SunPetro to kindly confirm whether the EOT crane shall be flameproof (Ex 'd' motors, brakes, limit switches, control panel, pendant and festoon, PESO certified, non-sparking wheels / hook) or of safe-area design, as this has significant cost impact. Bidder understands that reference to "Fabrication shed / Fabrication shop" may be read as "New Crude Oil Pump House". Kindly confirm.	EOT crane and related items shall be suitable for Zone 1, gas group IIA/IIB, T3. Bidder understanding is correct.
9.	EJB-2026-02-030-MEC-MDS-001 Rev-1	Sh. 3 & 5	Cl. 3, bullets 2 & last	Long travel "by means of chain, supplied from the floor". "The supporting 'I' beams for the hoist ... on the constructed beam which is already been executed by the civil contractor."	Bidder observes that these statements differ from (a) electrically operated long travel at 20 m/min (Sh. 5, Item 10) and (b) Sec-III C.3 (Page 44), where crane runway beams / girders and rail supports are in Contractor's scope. Bidder understands that (i) all three motions are electrically operated; (ii) runway girders, crane rails, rail clamps and end stoppers are in Contractor's scope (under Table-A Item 7 or a separate item); and (iii) no existing structure is available. Kindly confirm.	No existing structure is available. All works including supply, fabrication, installation, Commissiong of Pump house and EOT crane are in scope of supply of Contractor.
10.	EJB-2026-02-030-MEC-MDS-001 Rev-1	Sh. 4 & 5	Tech. Spec Items 9, 10(ii) & 13; Pendant list	Runway rail: "Square steel bar minimum 50 x 40 mm or as per manufacturer". "Micro hoisting speed 10% of the main speed for all three motions". Pendant shows micro push buttons for hoist only. Duty M5.	Bidder requests SunPetro to kindly confirm the rail section to be used, whether micro speed is required for hoist only or for all three motions, and whether VFD control is required. Bidder understands that site load test and certification by competent person (Factories Act / OMR-2017) is in Contractor's scope in addition to 125% overload test at works per IS 3938. Kindly confirm. Bidder also requests confirmation of the MCC feeder allotted to EOT crane and whether power supply arrangement along runway (DSL / festoon) is in Contractor's scope.	Rail section is specified. Micro speed required in all three motions. All works related to EOT crane are in Contractor's scope.
11.	EJB-2026-02-030-	Sh. 3	Cl. 2 - Site	Average Wind Speed: 169.2 km/hr. Seismic Zone III (IS 1893).	Bidder requests SunPetro to kindly confirm the structural design basis for pump house shed, crane girders and	The preliminary design/ engineering of Pump House shall be carried out by

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	MEC-MDS-001 Rev-1		Information		pipe rack: basic wind speed (IS 875 Part-3), terrain category, risk coefficient, seismic zone and importance factor, and whether 169.2 km/hr (47 m/s) is to be taken as basic wind speed. This directly governs steel tonnage (Table-A Item 7: 183 MT).	SunPetro. Contractor shall prepare fabrication drawings. The required site information are provided in tender.
12.	SPPL-293	44 / 48 / 82	Sec-III C.3 & D.7; Table-A Items 7 & 10	Pump House shed with columns, rafters, purlins, girts, crane girders, cladding; earthing of "PEB structure". Table-A: structural steel 183 MT; roofing/cladding 2365 sq.m.	Bidder requests SunPetro to kindly clarify whether the shed is envisaged as a Pre-Engineered Building (designed and supplied by PEB manufacturer) or a conventional hot-rolled structure, and the measurement basis for payment.	The Crude Oil Pump House is conventional hot rolled structure and on measurement basis for payment. MCC room shall be Pre-Engineered Building for which BOQ item and specifications are issued separately through addendum.
13.	SPPL-293	81	Table-A Item 2	Bored cast-in-situ RCC piles, 450 mm dia, M-25, 512 m, excluding reinforcement.	Bidder observes that initial & routine pile load tests, pile integrity tests and pile head chipping are not covered under BOQ Item 2. Bidder requests SunPetro to kindly confirm the payment basis or add suitable items. Bidder understands that pile reinforcement is payable under Item 6. Kindly confirm, and also confirm availability of geotechnical investigation report, if not already included.	Initial and routine load tests of piles are not envisaged. Pile head chipping is part of piling work. Pile reinforcement shall be paid in reinforcement item. Design/ engineering will be carried out by SunPetro. Geo technical investigation report shall be shared during detailed engineering.
14.	SPPL-293	81 / 37	Table-A Item 1; Sec-III B.13 (B)	Excavation rate includes "manual dewatering" and is "excluding shoring, strutting etc." SOW requires shoring/benching and dewatering for exposing the existing 10" export line.	Bidder understands that shoring / strutting and mechanical (pump) dewatering, where required for the export line tie-in, oil pit / sumps and deep foundations, shall be paid as extra items. Kindly confirm. Bidder also requests a rate basis for excavation in hard strata / rock, if encountered.	Export line tie-in shall be in overground portion, the underground tie-in mentioned in tender may be replaced with overground tie-in. The underground work involves only shallow foundations and road crossing, where dewatering and shoring/ strutting are not envisaged. The deep foundation is required for Feed/Booster pump. The payment method for foundation of Feed/ Booster pump (VS-6) shall be separately worked out and explained through addendum, to follow.
15.	SPPL-293	46 / 83	Sec-III C.8; Table-A Item 14	"Casting of 4 x 2 meters slabs with 150 mm depth as per SunPetro standard drawing attached."	Bidder requests SunPetro to kindly clarify whether sub-grade / sub-base (GSB / WMM) is required below the precast slabs, as no BOQ item is available for the same.	No specific sub-grade/sub-base (GSB/ WMM) is envisaged. However, a properly compacted earth and a fine layer of sand will be required, which shall be part of slab item.

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16.	SPPL-293	45	Sec-III C.5	Oil Pit / Sump: excavation, PCC, RCC base & walls, waterproofing where required, access covers/gratings, ladders/steps.	Bidder observes that no BOQ items are available for waterproofing, gratings, pit covers and ladders of oil pit / sump. Bidder requests SunPetro to kindly confirm the payment basis (e.g., under Table-A Item 7 / 12) or add suitable items.	The items will be paid under respective heads like excavation, PCC, RCC, Reinforcement, structural steel, etc.
17.	EJB-2026-02-030-PRO-PDS-001	Sh. 1 to 5	P-201 A/B Datasheet	Cover sheet: "Process Datasheet cum Mechanical Datasheet - Gear Pump". Inner sheets: "PDS cum MDS for Centrifugal Pump", design spec API 610. Liquid: Effluent Water, SG 1.0, corrosive, MOC SS316 / Class A-8. Suction pressure 0; NPSHA 8.2 m; MAWP and nozzle sizes blank.	Bidder observes that the service is crude oil tank-bottom recycle (Sec-III A.2) with online water-cut analyser downstream. Bidder requests SunPetro to kindly confirm (a) pump type - centrifugal API 610 or gear API 676; (b) pumped fluid and properties (crude / water emulsion, viscosity, vapour pressure, solids); and (c) corrected NPSHA, MAWP and nozzle sizes. Bidder also observes a 40 kW (1W + 1S) star-delta feeder in Table-B Item 7.3 (Page 95) and requests confirmation whether this is for P-201 A/B, along with the motor rating.	Tank bottom recycle pump P-201 A/B are centrifugal pumps. Drain pit oil lifting pumps P-202 A/B are gear pumps. Other specs are provided/ will be worked out during detailed engineering. Feeder provisions are adequately made.
18.	EJB-2026-02-030-PRO-PDS-002 / MEC-GEN-003	PDS Sh. 4; GEN-003 Sh. 5, 12	PDS Scope of Supply Items 21-23; GEN-003 Cl. 4.4, 6.20, 6.21	P-202 A/B gear pump: spares "As per Doc. No. 1019-MC-GEN-008"; inspection and drawings "as per General Specification for Centrifugal Pumps (API)". GEN-003 contains rising head curve (4.4), impeller and NPSH test by 3% head drop.	Bidder observes that Doc. No. 1019-MC-GEN-008 does not follow the project numbering (EJB-2026-02-030) and understands that spare list EJB-2026-02-030-MEC-GEN-001 shall apply. Kindly confirm. Bidder understands that clauses written for centrifugal pumps (rising head curve, impeller, 3% head-drop NPSH test, API 610 nozzle loads) are not applicable to rotary positive-displacement pumps, and that API 676 and the gear pump specification shall govern. Kindly confirm. Bidder also requests clarification on the equipment for the 0.37 kW DOL feeder (Table-B Item 7.5, Page 95).	Spare list EJB-2026-02-030-MEC-GEN-001 shall apply. confirmed. Applicable specs will govern
19.	EJB-2026-02-030-MEC-GEN-002 / GEN-003	Sh. 3	Cl. 2.9 & 2.10	At least two units of offered model operating at plant site, one of which completed 8000 hours at the specified operating parameters.	For small-capacity pumps (6 m3/hr gear pump, 45 m3/hr recycle pump), references at identical operating parameters may restrict vendor participation. Bidder requests SunPetro to kindly accept references of the same model / frame in similar service.	Proven model is acceptable. Prior approval of SunPetro is required before ordering.
20.	EJB-2026-02-030-MEC-GEN-002	Sh. 11-12	Cl. 6.10.1	"For all pumps final performance test is to be carried out along with job motor, job coupling and job mechanical seal at site with the process fluid."	Bidder understands that for Client free-issue Booster and Export pumps, site performance test shall be carried out by SunPetro / KEPL with Contractor providing support. Kindly confirm. For P-201 and P-202, Bidder understands that process fluid, operating conditions and calibrated flow measurement for site test shall be made available by SunPetro. Kindly confirm.	Bidder's understanding is correct. Bidder's understanding is correct.

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21.	SPPL-293	25 / 120	Sec-III Cl. 4.0 A.2; Table-D	SOW: Oil Pit Pumps and Tank Bottom Recycle Pumps "As specified in SOR"; EOT crane "Contractor Supply". Table-D has columns "Unit Rate - Dismantling" and "Unit Rate - Erection and Alignment" only. Spare list EJB-2026-02-030-MEC-GEN-001: commissioning and 2 years operational spares for pumps.	Bidder observes that no supply line item is available for P-201 A/B, P-202 A/B, EOT crane (with rails / accessories) and their spares. Bidder requests SunPetro to kindly add supply line items or advise in which item the supply cost is to be included. Bidder also requests clarification on the scope against the "Dismantling" column, as no dismantling work is described in the SOW. Bidder understands that the spare list applies only to Contractor-supplied pumps (P-201 A/B, P-202 A/B), to be priced as a separate line item, and that spares for EOT crane, MOVs, soft starters etc. are not required unless listed. Kindly confirm.	The payment shall be made as per SOR; Dismantling may be read as "Supply" Dismantling not required, this may be read as Supply in Table D sl. no. A at page 120 of 185. Bidder's understanding is correct
22.	EJB-2026-02-030-PIP-MDS-002 (D7A) / SPPL-293	PMS Sh. 13-16; Pages 121-131	D7A PMS; Table-E Items 4, 22, 36, 42, 43, 47, 58, 62, 82, 108, 123, 139	D7A pipe, fittings, flanges and valves are specified for 15 to 250 NB only. Table-E includes 12" (300 NB) D7A items. D7A notes: design per ASME B31.4 & OISD-141, Charpy & hardness tests; barred tees, LR bends, pig signallers "for use in mainline only".	Bidder observes that D7A PMS covers pipe, fittings and flanges up to 250 NB (VMS covers valves up to 300 NB). Bidder requests SunPetro to kindly confirm schedule / wall thickness and fitting data for 300 NB D7A. Bidder also requests confirmation whether pump-house discharge piping is to be designed to ASME B31.3 or B31.4, and whether pigging facilities, barred tees and LR bends (not in BOQ) are envisaged in scope.	Pressure rating, ASA class rating and Piping schedule is given in tender. Design/ Engineering shall be carried out by SunPetro. ASME B31.3 shall be followed.
23.	SPPL-293	134	Table-E Items 153 to 158	"API 5L, 3LPE coated line pipe" 16", 12", 10", 8", 6", 4" - 200 m each.	Bidder requests SunPetro to kindly confirm grade, PSL, wall thickness and coating standard of 3LPE line pipe. Bidder observes that field joint coating (heat-shrink sleeves), holiday testing, underground bends / fittings, sand padding and cathodic protection are not covered in BOQ, and requests confirmation of scope and payment basis. Bidder also requests the coating system for reinstatement of the existing 10" export line (Sec-III B.14).	The referred item is only for 3LPE coating, over and above pipeline supply and erection item. The quantity of underground portion of pipeline shall be determined during detailed engineering. Only road crossing and few other portions of pipelines are underground. CP System not envisaged. Field joint coating and sand padding will be extra and evaluated from pipe coating rate on area basis.
24.	SPPL-293 / SUNPETRO /QPS/SC/001	134 / 110 / 83; Spec Pages 8, 30-37	Table-E Item 159; Table-B Item 17.2; Table-A Item 12; Spec Cl. 4.0 (g)	"Painting of pipes ... System 5 for uninsulated surface and System 6 for insulated surfaces." Electrical support steel: "Red Oxide Zinc Chromate primer" + synthetic enamel. Chequered plates: epoxy red oxide zinc phosphate primer + epoxy enamel.	Bidder observes that, as per QPS/SC/001, System 5 is for uninsulated CS above 120 deg C up to 250 deg C and System 6 for uninsulated CS above 250 deg C. Bidder understands that for crude piping (design 80-120 deg C), System 4 shall apply to uninsulated surfaces and System 15 to insulated surfaces (up to 150 deg C), and System 5 only to hot oil lines. Kindly confirm. Bidder requests confirmation of painting systems for piping, structural steel (System 1), galvanised items	Selection of painting system shall be carried out during detailed engineering

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					(System 8) and equipment, and piping colour code (OMR-2017 / IS 2379). As QPS/SC/001 Cl. 4.0 (g) requires lead- and chromate-free coatings, Bidder understands that System 1 shall apply to electrical / instrument support steel and chequered plates. Kindly confirm.	
25.	SPPL-293	133 / 96	Table-E Items 146 to 152; Table-B Item 9	50 mm rockwool insulation with 1 mm aluminium cladding on 16" to 4" lines. Heat tracing panel with Eltherm ELSR-H-60 cable, 95 m. Recommended vendor: Vedee Associates.	Bidder requests SunPetro to kindly confirm whether electrical heat-tracing design is in Contractor's scope or by the recommended vendor. Bidder understands that System 15 of QPS/SC/001 shall apply under insulation. Kindly confirm.	Detailed engineering of Heat tracing system will be carried out by Contractor.
26.	EJB-2026-02-030-PIP-MDS-002 (A3A) / QPS/SC/001	PMS Sh. 6; Spec Page 20	A3A gasket; Spec Cl. 9.1.1 (c)	A3A gasket: "Spiral wound PTFE fill ... ASME B16.21" (also Table-E Item 133). Coating spec: "Bolts and nuts for piping are PTFE coated."	Bidder observes that ASME B16.21 covers non-metallic flat gaskets and understands that spiral wound gaskets shall be to ASME B16.20. Kindly confirm. Bidder requests clarification whether piping stud bolts and nuts (ASTM A193 B7 / A194 2H) are to be fluoropolymer (PTFE) coated or plain, as BOQ does not mention coating.	Follow gasket specs and nomenclature. Follow BOQ for stud bolts
27.	EJB-2026-02-030-PIP-MDS-001 / -002 / SPPL-293	VMS Sh. 1, 10-13, 24-25; PMS Sh. 11, 16; Pages 124-126	Valve Material Specification	B7A PMS covers up to 400 NB, VMS B7A ball valves up to 300 NB. Table-E Items 44 & 45: 16" and 14" ball valves, 300#. D7A PMS & Table-E: ball/globe valves "EN ISO 17293"; stem "AISI 4140". VMS D7A ball valve 50-300 NB: API 608, stem AISI 410. VMS contents sheet shows Sheet 21 as "B7A".	Bidder requests SunPetro to kindly provide valve datasheets for 350 & 400 NB B7A ball valves. Bidder understands that design standard shall be as per VMS (API 608 / BS 1873) in place of EN ISO 17293, and stem material AISI 410 in place of AISI 4140; and that contents sheet item at Sheet 21 refers to D7A. Kindly confirm. Bidder also requests confirmation of the order of precedence between BOQ description, PMS and VMS in case of conflict.	Data sheet will be worked out during detailed engineering Bidder understanding is correct. BOQ description shall supersede in case of conflict.
28.	SPPL-293	127	Table-E Items 75 to 78	Basket strainers 14", 12", 6", 4" x 300#, CS body, "60 micron mesh size".	Bidder observes that 60 micron mesh is very fine for crude oil pump suction and may lead to frequent choking / high differential pressure. Bidder requests SunPetro to kindly confirm mesh size / perforation, and whether temporary start-up (cone) strainers are also in scope.	14" and 12" strainers (in suction of Feed/ Booster pump and Export pump) at sl. no. 75 & 76 shall be free issue items and the same are deleted from scope of supply. For 6" and 4" strainers please follow specifications.
29.	SPPL-293	126 / 116	Table-E Items 60-61; Table-C Items 1.7 to 2.7	ARC valves 600# and 300#, 6" x 6" x 3". Restriction orifices (4), MOV (4), flow element (2), mass flow meter (1), PSV (1), control valves (2),	Bidder observes that makes are not indicated in Table-C for MOV, control valves and on-off valve, and requests SunPetro to kindly share the approved vendor list. Bidder understands that ARC valves shall be as per KEPL (pump OEM)	The vendor list of items where vendors are not specified shall be finalised after award of work. Equipment and vendor shall be with proven track record

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				on-off valve (1), level transmitter (1).	requirement, and MOV actuators shall be 415 V flameproof with integral starter and hardwired DCS interface. Kindly confirm.	and will be approved by SunPetro before ordering. ARC valves at sl. no. 60 & 61 are free issue items and the same are deleted from scope of supply.
30.	SPPL-293	121-134	Table-E (all items)	Each item has "Unit Rate - Supply" and "Unit Rate - Service".	Bidder understands that "Service" (fabrication, erection, NDT, hydrotest, painting) shall be measured per unit of the respective material item (per m / per no.) and not on inch-dia / inch-metre basis. Kindly confirm. Bidder further understands that pipe supports shall be paid under Table-A Item 7 (structural steel including pipe supports), and that "Service" for valves and specialty items covers installation only. Kindly confirm.	Measurement unit as mentioned in SOR shall be followed. Structural steel work shall be paid in structural steel item. "Service" covers all works to make the unit/ system/ item operational.
31.	SPPL-293	37-40	Sec-III B.13 (C), (D) & B.19	Tie-in to existing underground 10" export line towards IOCL: isolation, zero pressure, cutting/welding or flange connection, approved shutdown window.	Bidder requests SunPetro to kindly confirm the tie-in method (cold cut during shutdown or hot tapping) and, if hot tapping / stopple is required, whether it is in Contractor's scope. Bidder understands that draining, depressurisation, nitrogen purging / gas freeing, disposal of crude and coordination / permission from IOCL shall be by SunPetro. Kindly confirm, and advise the number and duration of shutdown windows available for all tie-ins.	Hot tapping is not envisaged., if required the same shall be paid separately.
32.	SPPL-293	67	Sec-IV Sl. 10	"Construction of water and power arrangement" - Contractor.	Bidder requests SunPetro to kindly confirm whether construction power (415 V) and construction / hydrotest / flushing water will be made available at one point within CPF, free or chargeable (with rate), and the distance to work area, along with the disposal point for hydrotest and flushing water. If not available, Bidder shall consider DG sets and water tankers.	Arrangement of Construction Power and Water in scope of Contractor.
33.	SPPL-293	47 / 88	Sec-III D.1 & D.3; Table-B Item 3	Existing 11 kV, 1250 A, 31 kA bus and 6.6 kV, 2500 A, 31 kA bus/MCC. Scope includes 11 kV feeder/switchgear, breakers, protection, metering at source. Table-B Item 3 has only one spare 630 A 11 kV trolley VCB.	Bidder requests SunPetro to kindly confirm whether a new 11 kV outgoing feeder panel (extension of existing board) is in scope, and to share make / model of the existing 11 kV and 6.6 kV switchboards for extension and interchangeability.	Scope is as per SOR
34.	SPPL-293	86-88	Table-B Item 2	6.6 kV switchboard "shall comprise 2 Nos. Incoming VCB Feeder and 6 Nos. Outgoing VCB Feeders"; Item 2.2 quantity 7 (4	Bidder requests SunPetro to kindly confirm the number of incomers (BOQ indicates one 2.5 MVA transformer - source of second incomer / bus coupler requirement), number of outgoing feeders (6 or 7), and design	Scope as per SOR, as per specifications of tender.

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				motors + 1 APFC + 2 spares); busbar 26.3 kA for 3 sec (Item 2.2: 26.5 kA).	short-circuit rating (26.3 kA vs 31 kA of existing 6.6 kV bus referred in SOW D.3).	
35.	SPPL-293	85 / 103-104	Table-B Items 1.3, 11.1, 11.5	NGR for 6.6 kV system to limit earth fault current to "[200A / 400A]". 6.6 kV cables specified as "(UE)" unearthed grade.	Bidder observes that with NGR the 6.6 kV system is resistance-earthed, and requests SunPetro to kindly confirm cable grade (6.6 kV (E) or (UE)) and NGR rating (200 A or 400 A).	Please consider 200 A, 10 sec NGR rating and 6.6 kV (UE) cable grade. The NGR sizing calculations and protection relay coordination study shall demonstrate proper coordination with feeder CBCT protection and transformer LV REF protection and shall be submitted for approval.
36.	SPPL-293	85 / 104	Table-B Items 1, 11 & 12	Transformer: "Design, Manufacturing ..." and also "unloading, transporting from Owner's issued point". Cable laying: "transportation from the Owner's store/yard to the site".	Bidder understands that the transformer, all cables and all electrical items are Contractor's supply. Kindly confirm, and list any item envisaged as Client free issue.	Confirmed as per mentioned in tender document. No free issue item in Electrical works.
37.	SPPL-293	47-49 / 85-97	Sec-III D; Table-B Items 2, 4, 5, 6, 7, 8	Indoor 6.6 kV switchboard, 6.6 kV soft starters (4), APFC panel, 110 V DC battery & charger with H2-sensor exhaust ventilation of battery room, MCC, MLDB.	Bidder observes that no substation / MCC room building, cable cellar or HVAC / ventilation is covered in SOW or Table-A. Bidder requests SunPetro to kindly confirm where indoor electrical equipment is to be installed (existing substation with available space, or new building). If a new building is envisaged, Bidder requests drawings and BOQ items for the same. Bidder also requests confirmation of payment basis for transformer yard (foundation, oil soak pit, fencing, fire wall), which is excluded from the transformer item.	Indoor Electrical equipment shall be installed in new MCC room, which shall be a Pre- Engineered Building as per specification and BOQ issued separately through addendum. The payment of these items shall be through respective civil work items.
38.	EJB-2026-02-030-ELE-DS-001	Sh. 2-3	Sec. A, B.7, C, D.5 & D.8	Ambient temperature 50 deg C. Approvals: CMRI Dhanbad, CCE Nagpur.	Bidder understands that PESO (CCE Nagpur) approval with test certificate from CIMFR (formerly CMRI) or other recognised test laboratory is acceptable. Kindly confirm. Bidder also requests confirmation of design ambient temperature (50 deg C in motor DS vs 45 deg C in EOT crane DS).	Acceptable. Design ambient temperature 50 deg C may be followed.
39.	SPPL-293	104-108 / 116-119	Table-B Items 12, 13, 16; Table-C	Several items marked "RO" (Rate Only) without quantity.	Bidder understands that RO items shall be excluded from the evaluated total and paid at quoted rate on actual executed quantity. Kindly confirm, or else Bidder requests quantities for these items.	"Rate Only" items will be optional items to be executed at quoted/ Contracted rate of such items.
40.	SPPL-293	51 / 117	Sec-III E.2 "DCS	SOW: DCS configuration either as per SOR or by	Bidder requests SunPetro to kindly share existing DCS make / model /	DCS – Delta V System of M/s Emerson. Further details, if

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			Software Boundary"; Table-CB-2.2 & C	existing DCS vendor; "final responsibility shall be clearly identified before tender award". Table-C includes DCS configuration, graphics and update of existing DCS graphics.	version and confirm availability of spare I/O, marshalling and licences. Bidder requests clarification whether configuration is to be done through the existing DCS OEM. If in Contractor's scope, Bidder understands that OEM charges / hardware (I/O cards, marshalling, licences) not covered in BOQ shall be paid extra. Kindly confirm. Bidder understands that I/O count in Table-C (76 DI/DO, 26 AI/AO, 18 MCC I/O) shall be the bid basis. Kindly confirm.	required, will be shared during detailed Engineering. Configuration in DCS is in scope of SunPetro. Bidder understanding is correct, confirmed.
41.	SPPL-293	58 / 116	Sec-III E.19 table; Table-C Item 2.3	SOW: "Online Water-cut Analyzer". Table-C: "Analyser AT - MSA Safety / Honeywell".	Bidder observes that MSA Safety / Honeywell are generally gas detection makes, and requests SunPetro to kindly share the approved vendor list for the water-cut analyser. Bidder understands that analyser shelter is not required. Kindly confirm.	Vendor list of Water Cut Analyser shall be shared with bidders, through addendum. Separate shed for analyser is not envisaged. Analyser shall be installed in Pump House.
42.	SPPL-293	116	Table-C Items 2.8 to 2.10	Flame detectors - 2; ESD switch - 4; MCP - 1.	Bidder observes that F&G / ESD scope is not described in SOW and requests SunPetro to kindly confirm the panel to which these devices are to be interfaced (existing F&G / ESD / fire alarm system).	ESD station shall be 15 meter away from pump house location. MCP & Flame detectors shall be integrated to existing Delta V DCS system. Interlocks as per Cause & Effect matrix, which shall be shared during detailed engineering.
43	SPPL-293	79 / 165	Sec-VII Preamble & Summary; Sec-VIII 8.1.6, 8.33.12	"This is an item rate tender. Contractor shall be paid as per actual quantity of work executed." Summary: "Lump Sum Amount for Civil & Structural (Table A)" etc. SCC 8.33.12: "The quoted lump sum prices ...".	Bidder understands that the contract is item-rate, with payment on actual measured quantities at quoted unit rates, and that "Lump Sum" in the Summary refers to the extended total of each table. Kindly confirm.	Bidder understanding is correct
44	SPPL-293	20 / 114-115	ITB Cl. 51; Table-B Notes 10 & 17	SunPetro entitled to increase or decrease quantities. "Contract unit rates shall remain firm ... including the complete deletion of single or multiple items."	Bidder requests SunPetro to kindly consider a variation limit of +/- 25% per item, beyond which rates may be mutually re-negotiated, and that extra items not in BOQ be priced at market rate plus reasonable overheads and profit.	If it is not a part of contract, Company will pay based on agreed cost or actual cost plus 5% handling / service charges. The proof of item prices shall be submitted in original by the contractor to the Company. Refer Clause 8.3.9, page 142 of Tender Document.
45	SPPL-293	5 / 141 / 171	NIT Item 13 & 20; GCC 8.2.1; Annex-	NIT: completion within 12 months from LOA / LOI / PO. GCC 8.2.1: completion within 18 months from LOA. Contract validity 2 years. Checklist:	Bidder requests SunPetro to kindly confirm the completion period (12 or 18 months) and firm-price period. Bidder requests that completion period be counted from the later of LOA, site handover and receipt of AFC drawings, with time extension for	Completion period shall be 12 months from the date of issue of LOA. Rates shall remain fixed.

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			3 Item 6	prices firm "for the first thirty six (36) months and 12 months extension".	delays in free-issue items, Company inputs, approvals and shutdown windows.	
46	SPPL-293	5 / 15 / 165	NIT Item 22; ITB Cl. 13; SCC 8.33.13	Payment terms "As mentioned in the Format of Price Schedule at SECTION-VII". SCC: payment "on the basis of the Price Breakdown". No payment schedule is given in Sec-VII.	Bidder requests SunPetro to kindly provide payment terms, and requests consideration of the following:	Any Exception / Deviation / Conditions Performa as per Annexure 4 of Tender document. Bidder may propose payment terms.
47	SPPL-293	150	GCC 8.14.1	LD at 1% of total Contract Price per week or part thereof, max 10% of total Contract Price.	Bidder requests SunPetro to kindly consider revision in LD.	LD shall be applicable as per the provisions of the Tender Document.
48	SPPL-293	159	GCC 8.27.2	Contractor's total liability 100% of contract value; 200% for intentional damages; cap not applicable to certain liabilities.	Bidder requests SunPetro to kindly consider capping Contractor's aggregate liability under the contract (including LD, indemnities and warranty) at 100% of contract value, with exclusion of indirect and consequential losses for both parties.	As per the provisions of the Tender Document.
49	SPPL-293	5 / 16 / 169	NIT Item 9; ITB 24.5 (i); Annexure-2	Bid bond validity: NIT - bid validity + 30 days; ITB - 60 days beyond validity of offer; Annexure-2 - 150 days from closing date. ITB refers to e-BG and e-bidding portal; NIT requires physical wax-sealed bid.	Bidder understands that bid bond validity shall be 150 days from closing date, as per Annexure-2. Kindly confirm. Bidder understands that the bid is to be submitted physically in sealed cover at the Mumbai office, and requests confirmation whether e-BG through SFMS, physical BG or online EMD transfer is acceptable.	Bid Bond validity shall be 150 days from closing date. The bidder may submit the EMD through e-BG via SFMS, physical BG, or online transfer.
50	SPPL-293	21 / 80 / 164 / 5	ITB 54.3; Sec-VII Note 18; SCC 8.33.8; NIT Item 15	ITB: DLP = project completion + 12 months. Sec-VII: guarantee 18 months from mechanical completion or 12 months of operation, whichever earlier. SCC: DLP 12 months after Operational / Provisional Acceptance. PBG valid DLP + 90 days.	Bidder requests SunPetro to kindly consider a single DLP of 12 months from Provisional Acceptance or 18 months from Mechanical Completion, whichever is earlier, with PBG validity of DLP + 90 days. Bidder understands that DLP shall not be extended for commissioning delays not attributable to Contractor. Kindly confirm.	As per the provisions of the Tender Document.
51	SPPL-293	26 / 80	Sec-III A.3; Sec-VII Note 10	Client free-issue pumps: Contractor responsible for receipt, unloading, storage, preservation, installation.	Bidder requests SunPetro to kindly share the expected delivery schedule and handover point of free-issue pumps.	Free issue items i.e. pumps, strainers and ARC Valves for Feed/ Booster and Export pumps are expected within 7 months of award of this work. Bidder understanding is correct

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					Bidder understands that Contractor's responsibility is limited to installation workmanship and not to warranty / performance of free-issue equipment, and that free-issue items shall be insured by SunPetro. Kindly confirm.	
52	SPPL-293	155	GCC 8.22.5	CGL equal to contract value with no excess / deductibles; Oil Industries Endorsement.	Bidder requests SunPetro to kindly clarify whether Contractor's All Risk (CAR / EAR) policy for the works is to be taken by Contractor or SunPetro, and requests acceptance of standard deductibles in CGL policy.	Contractor's All Risk (CAR / EAR) policy for the works is to be taken by Contractor.
53	SPPL-293	5 / 14 / 79	NIT Item 23; ITB 11.3 (B); Sec-VII Note 8	Concessional customs duty / GST against Essentiality Certificate from DGH, if applicable. GST to be indicated separately.	Bidder requests SunPetro to kindly confirm whether Essentiality Certificate / required documents will be issued for concessional GST on supplies for petroleum operations. To keep all bids on a common basis, Bidder requests SunPetro to specify the GST rate to be considered for supply items and for services / works.	GST shall be extra on actuals.
54	SPPL-293	158 / 164	GCC 8.25.4; SCC 8.33.9	8.25.4: Contractor responsible for accommodation and meals of its personnel ... "Company shall provide boarding and lodging to the Contractor's personnel while at the work." SCC 8.33.9: Contractor to arrange land near site for office, godown, workshop.	Bidder observes that the two statements in 8.25.4 differ and requests SunPetro to kindly clarify whether boarding and lodging is by SunPetro or Contractor. Bidder also requests SunPetro to kindly allot space within CPF premises, free of cost, for site office, stores, fabrication yard and painting area.	Boarding and lodging are in scope of Contractor. Space for site office/workshop/ware house shall be allotted by SunPetro in its premises at CPF on as is where is basis. Suitable addendum follows.
55	SPPL-293	162	SCC 8.33.1 - Deploy ment	"The duty pattern of Contractor's manpower at the Bhaskar Field shall be 9:00 AM to 5:30 PM."	To meet the completion period, Bidder requests SunPetro to kindly permit extended working hours, Sundays / holidays and night work during shutdown tie-ins, under valid work permits.	This is general duty pattern, However Contractor work shall be permitted round the clock, if required, after compliance with SunPetro plant regulations and meeting statutory provisions.
56	SPPL-293	160	GCC 8.32	Claims for adjustment under Changes clause to be asserted within 7 calendar days.	Bidder requests SunPetro to kindly consider this period as 30 days, as quantification of cost and time impact requires engineering and vendor inputs.	Request to follow Tender conditions
57	SPPL-293	19 / 142	ITB Cl. 42; GCC 8.3.9	Additional goods / services not specified: agreed cost or actual cost + 5% handling fees.	Bidder requests SunPetro to kindly consider that items not covered in BOQ be paid at rates derived from analogous BOQ items, or at actual cost plus 15% towards overheads and profit.	As per the provisions of the Tender Document.
58	SPPL-293	134	Table-E Notes 3, 5 & 10	20% engineering contingency considered; Contractor to consider construction	As payment is on installed quantity, Bidder understands that surplus Contractor-procured materials shall remain Contractor's property, or SunPetro will pay for surplus material	The bidder will prepare BOQ of all items. Payment will be made on installed basis. All surplus/scrap unused items

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				contingency. "Surplus materials and cut lengths shall be the property of the company."	taken over at the quoted supply rate. Kindly confirm.	shall be property of Contractor. The breakup of supply and installation is to facilitate payment milestones.
59	SPPL-293	12 / 79	ITB 11.2.7; Sec-VII Note 9	Prices firm and fixed, not subject to escalation on any account.	Considering 12-18 months execution and volatility in steel, copper and aluminium prices, Bidder requests SunPetro to kindly consider a price variation clause for structural steel, piping materials and cables (e.g., IEEMA formula for cables / transformer / switchgear).	As per the provisions of the Tender Document.
60	SPPL-293	143 / 162	GCC 8.4 VI; SCC 8.33.1 (iii)	Materials "shall not be more than one year old from the date of manufacture".	For non-perishable materials (pipes, fittings, flanges, structural steel, valves) procured from stock with valid MTCs, Bidder requests SunPetro to kindly consider relaxation to two years.	It is not acceptable. The bidder shall strictly adhere to the SunPetro approved vendors.
61	SPPL-293	158 / 162 / 164	GCC 8.25.5-8.25.6; SCC 8.33.1 (xvii)-(xxi); SCC 8.33.8 (vi)	Day rates, zero-rate on equipment failure, hired equipment on call-out basis with 3 days notice, replacement of failed elements within 24 hrs; defect detected during intelligent pigging.	Bidder understands that these clauses relate to service / equipment-hire contracts and pipelines and are not applicable to this item-rate construction contract. Kindly confirm.	The clauses relevant to the work portion shall only be applicable.
62	SPPL-293	77	Sec-VI A (a) & (b)	Two similar jobs in Oil & Gas installations comprising equipment installation involving piping, electrical, mechanical, civil & structural and instrumentation works in last 3 years; minimum value of each job Rs. 15 Crore.	Bidder requested change in BEC condition.	BEC shall be strictly adhered to as per the provisions of the Tender Document.
63	SPPL-293	77	Sec-VI B (a) & (b)	Average annual turnover not less than INR 50 Crore during last three financial years. Net positive cash flow and profitability for the last three financial years.	Bidder request modification to BEC clause.	Request to follow Tender stipulations
64	SPPL-293	172 / 152	Annexure-3 Item 20; GCC 8.19	Checklist refers to consortium MOU. Subcontracting subject to Company approval.	Bidder requests SunPetro to kindly clarify whether consortium / JV bids are permitted and how BEC will be evaluated in such case. Bidder understands that subcontracting of specialised works (piling, PEB, HT electrical works by licensed electrical contractor, DCS configuration, analyser, EOT crane) to	The leader of Consortium/ JV should meet BEC Criteria. Bidder understanding is correct.

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					approved agencies is permitted. Kindly confirm.	
65	SPPL-293	6 / 18 / 32	NIT Cl. 7.0; ITB Cl. 30; Sec-III A.25	"Single Award or Multiple awards will rest with SunPetro's discretion." Right to split work. SOW refers to "Mechanical Contractor", "Piping Contractor".	Bidder understands that the complete scope shall be awarded to a single Contractor. Kindly confirm. If a discipline-wise split is envisaged, Bidder requests that prices may be revisited, as Annexure-3 Item 7 requires prices to remain firm even for partial award.	As per the provisions of the Tender Document.
66	SPPL-293	171	Annexure-3 Item 2	"minimum personnel ... in the format provided at Annexure 12".	Bidder observes that Annexure-12 is the Provisional Acceptance Certificate, and requests SunPetro to kindly provide the format for personnel / organogram or confirm that Bidder's own format is acceptable.	Bidder's own format can be used.
67	SPPL-293	18	ITB Cl. 34.3	SunPetro reserves the right to conduct Reverse Auction.	In case Reverse Auction is conducted, Bidder understands that it shall be on grand total. Bidder requests clarification on how revised item rates will be derived (e.g., pro-rata reduction on all items).	Generally, on pro-rata reduction on all items. Procedure shall be informed in advance, if this option is availed.
68	SPPL-293	115 / 5	Table-B Note 12; NIT Items 11 & 12	Site visit by bidder mandatory. Pre-bid conference date to be informed. Bid closing 24.11.2026, 15:00 hrs.	Bidder requests SunPetro to kindly arrange a site visit (date and contact person) and inform the pre-bid meeting date. Considering time required for vendor quotations and replies to these queries, Bidder requests SunPetro to kindly extend the bid due date by at least 3 weeks from issue of replies.	Bidder can visit site as per their convenience with prior intimation and approval from SunPetro. Pre-bid meeting is not envisaged for this tender. Scheduled submission date shall be as per tender/ addendum, if any.
69	SPPL-293	67	Sec-IV Sl. 16	TPI Agency - SunPetro.	Bidder understands that TPI charges for inspection at Contractor's and sub-vendors' works and at site shall be borne by SunPetro, except re-inspection due to Contractor's failure. Kindly confirm.	Bidder's understanding is correct.

All other terms and conditions of the Tender remain unchanged.

Regards,

Sun Petrochemicals Pvt. Ltd.