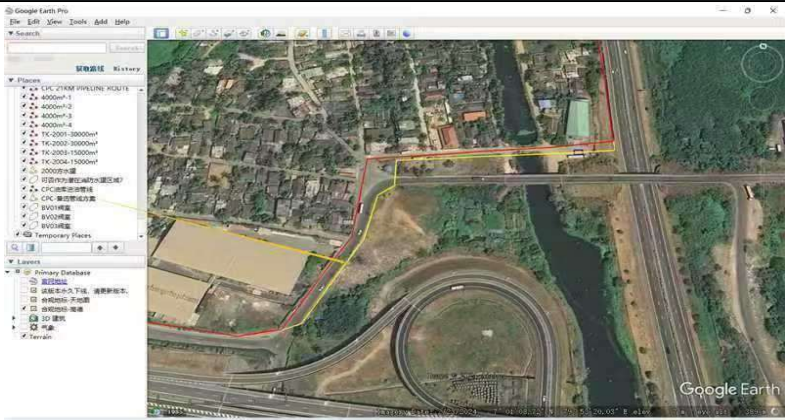





## Construction of a Jet A-1 Transfer Pipeline and Tank Farm

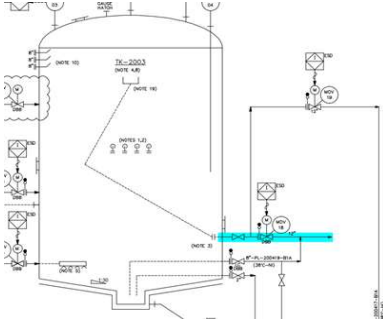
(Bid No. B/21/2025)

## Answers for the clarifications sought by bidders - set 02

Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
1				From Zone K1.9 to Zone 2.4, the pipeline routing is in close proximity to residential structures and utility poles. Is it feasible to relocate the pipeline route from the existing red path to the proposed yellow path?	Provided drawings/KML indicates the approximate route of the pipeline. It is upto the Contractor to propose the exact alignment based on the present site conditions within the already approved land area belong to the respective stakeholders indicated in the bidding documents.
2				From Zone K15 to Zone 19, marked in yellow, the operational width of this section is evidently insufficient, necessitating the utilization of a portion of the roadway and potentially requiring the removal of certain pavement segments. Could you confirm the feasibility of this construction methodology? Additionally, is the requisite permit for such operations typically procured by the owner?	As per the principle approvals obtained by the Owner, it is possible to use a portion of the carriageway or pavement area of A3 road and Lalantha Gunasekara Mawatha subject to reinstatement of the same to its original condition after laying the Jet A-1 transfer pipeline complying with stakeholder standards, which is the Latest edition of Standard specification for construction and maintenance of roads and bridges published by the Construction Industry Development Authority (CIDA). However, approval from relevant stakeholder is required for the detailed design and Construction methodology prior to execution.  Further, proper traffic management plan with safety procedures are to be taken for the safety of road users during construction until the completion of reinstatement work. Manual on Traffic Control Devices published by the National Road Safety Secretariat of Sri Lanka should be followed in this regard.
3	Section V_Part (B)_PMN-117258-040_SOW_for_Tank_Farm	13.17 Piping and Mechanical Works	Coating of Line Pipes: All the line pipes (except 4" Dia or less) used for the handling of the Jet A-1 products shall be internally coated with epoxy coating which shall be compatible with Jet A-1 product. Line pipes which are 4" Dia or less and used for Jet A-1 product shall be Stainless steel (304L or any other superior quality).	Please confirm the piping such as elbows, tees, manifolds and welds joint all are require internal coating?	All the piping including elbows, tees, reducers, etc. (except 4" Dia or less) used for the handling of the Jet A-1 products shall be internally coated with epoxy coating which shall be compatible with Jet A -1 product complying with EI1541 standard. However, internal coating of welded joints are not required.
4	Section V_Part (A)_PMN-117258-010_SOW_for_Pipeline	-	-	There is no relative requirements for what type of coating of hot bend should be used, please issue the specific coating type and thickness.	It shall be an epoxy coating same as for the line pipes compatible with Jet A -1 product complying with EI 1541 standard.  Please refer 7258-1872_1 of Part 2, Appendix 13
5	Section V_Part (A)_PMN-117258-010_SOW_for_Pipeline	-	-	Please confirm Whether an overall protective layer needs to be set up for the HDD section of the pipeline? such as Fiberglass reinforced plastic,	The contractor is expected to provide the necessary protective layers complying with industry standards and practice to ensure the safe operation and longevity of the proposed pipeline and fiberglass is preferred.
6	Section V_Part (B)_PMN-117258-040_SOW_for_Tank_Farm	-	-	For cathodic protection of Storage tank outer bottom, there is no any requirement in ITB, Please confirm whether cathodic protection is installed on the bottom plate of the tank.	Cathodic protection is required for Storage tanks. (Price Schedule item 8.1.14)
7	Section V_Part (B)_PMN-117258-040_SOW_for_Tank_Farm	-	-	Is the storage tank subjected to seawater pressure testing? If seawater pressure testing is adopted, temporary cathodic protection needs to be considered. Please confirm	Hydro static testing shall be performed using fresh water only.
8	Section V_Part (B)_PMN-117258-040_SOW_for_Tank_Farm ELE-117258-001	-	-	Is cathodic protection necessary for the inner wall of the fire tank? based on ELE-117258-001 document, bidder thinks there is not cathodic protection for relative tanks. please confirm.	Fire Water Storage Tank construction is not included in the scope of this Contract. However, Tanks constructed on the ground & underground pipelines shall be protected by CP systems.



Construction of a Jet A-1 Transfer Pipeline and Tank Farm  
(Bid No. B/21/2025)  
Answers for the clarifications sought by bidders - set 02

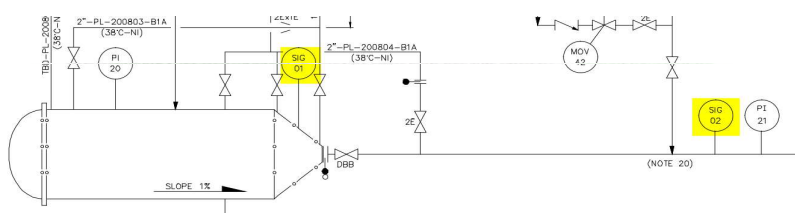
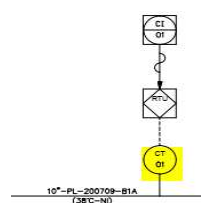
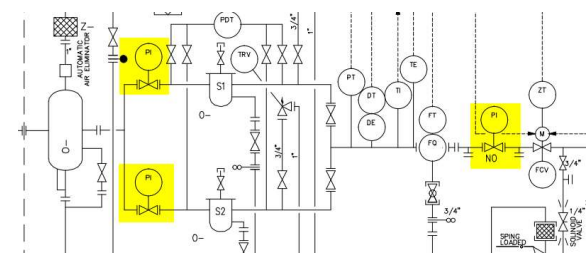
Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
9	Section V_Part (B)_PMN-117258-040_SOW_for_Tank_Farm	9.23Cathodic Protection of Internal 16-inch Pipeline	CONTRACTOR based on the conclusions of the checking and reviews of the FEED Cathodic Protection (CP) documentation and upon receiving the OWNER'S notice for agreement on the review results and recommendations, shall proceed with the production of specific to PROJECT Cathodic Protection (CP) design study for the internal 16-inch pipeline.	For 16 inch pipeline cathodic protection, there is no clear way required in ITB,so we suggest to use sacrificial anode ,please confirm.	Underground pipelines shall be protected using a suitable CP system.
10	7258-1831_1	2 general	Coating materials shall be certified by an accepted by OWNER internationally reputable independent testing institute according to the data sheet attached to this Specification (ATTACHMENT 1).	This specification does not provide Attachment A. For the field joint coating of the pipeline, please clarify whether to use polyethylene heat shrinkable sleeve material or the Cold wrap tape material as required by this document.	Heat shrinkable sleeve material should be used for the field joint coating.  Please refer the page 18 for the Attachment 1 in 7258-1831_1 in Part 2, Appendix 13
11	PEN-117258-054	Figure 1: PFD extract		Please confirm whether the buried pipelines in the BVS need cathodic protection?It is suggested that the insulating joints on both sides be cancelled.	All buried parts of the pipeline shall be protected by CP systems. However to separate BVS equipment such as actuators, instruments etc. insulating joints/flanges on both sides of each BVS are required.
12	ELE-117258-001	2GENERAL	The pipe system shall be electrically separated from all other metallic and electric installations, as for example Block Valve Stations equipment (e.g. actuators, instruments),etc.'-	Please confirm all the piping in the above-ground and underground transition sections are within the station and the tank area need to be equipped with insulating joints?	The term referred to as the station is not clear. The EPC contractor shall design the CP system to protect underground pipeline and the tanks.
13	1. Process Design Basis (Doc. No. PRS-117258-001)  2. Process Specification for TK-2001, TK-2002, TK-2003, and TK-2004 – Jet A-1 Storage Tanks (Doc. Nos. 7258-20-1028-01 and 7258-20-1028-02)  3. Equipment List (Doc. No. 7258-20-50-50)	1.Content No. 5 Tanks  2.Design Pressure  3.Design Pressure	1.Tank design pressure shall be 300 mmH <sub>2</sub> O at top. 2.Design Pressure :-2.5 / 7.5 mbar 3.Design Pressure :7.5 mbar	According to the Process Design Basis, the specified design pressure for the storage tanks is 300 mmH <sub>2</sub> O (≈ 29.4 mbar, 2.94 kPa). In contrast, both the Process Specification for Tanks and the Equipment List, design pressure of 7.5 mbar, which is equivalent to approximately 76.5 mmH <sub>2</sub> O (0.75 kPa). These values are inconsistent.  Please confirm the “Design Pressure” to be used for tanks TK-2001, TK-2002, TK-2003, TK-2004, and TK-2005. If 300 mmH <sub>2</sub> O is intended (per the Process Design Basis), the Process Specification and Equipment List should be revised accordingly. If 7.5 mbar is correct, Process Design Basis shall be updated	EPC/Turnkey Contractor shall review the provided data and improve it to deliver facilities that are fit for the purpose.
14	1. Process Design Basis (Doc. No. PRS-117258-001)	7.2 Pump Minimum Flow Recycle System	Due to the high flow and head and loading / unloading role of the pump, a minimum flow recycle is required. Pumps shall be specified with a minimum flow of 50% of rated capacity. Minimum flow systems shall be designed accordingly.	1.For the sentence ' <i>Pumps shall be specified with a minimum flow of 50% of the rated capacity</i> ,' the preliminary design value will be applied. However, the minimum flow for the pumps shall be confirmed by the vendor during the detailed engineering stage.  2. Please confirm that the minimum flow requirement applies only to the transfer pumps (P-2002 A/B) and not to the circulation pumps (P-2001 A/B) according "Engineering Flow Diagram(7258-30-50-60)"	Minimum flow required for all pumps shall be confirmed by the vendor during the detailed engineering stage.
15	Engineering Flow Diagram (Doc. No.7258-30-50-60)	Discharge line of MOV-18 on TK-2003		The discharge line of MOV-18 on TK-2003 shall be connected to the suction header of P-2001A, and MOV valve with ESD shall be added as per the mark-up P&ID to ensure consistency with TK-2001, TK-2002, and TK-2004. Kindly confirm as per the attached document.	Bidder's understanding is correct.



## Construction of a Jet A-1 Transfer Pipeline and Tank Farm

(Bid No. B/21/2025)

## Answers for the clarifications sought by bidders - set 02

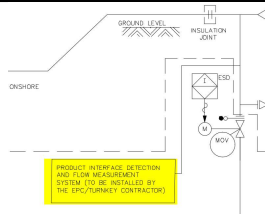
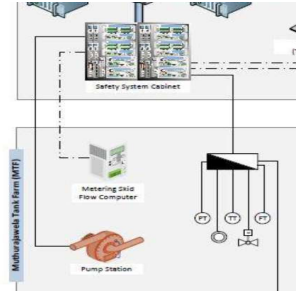
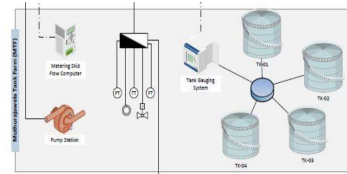
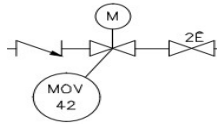
Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
16	P&ID no. 7258-30-50-60 and Process specification for Launcher & Receiver doc.no. 7258-20-1029-04, Section 4	Pig signal to control room	 <p><b>4. ADDITIONAL REQUIREMENTS</b></p> <p>The following requirements shall also be taken into consideration:</p> <ul style="list-style-type: none"> <li>The scraper trap shall be provided with suitable pig signalers. The signal shall be copied at Control Room. Details of signalling devices shall be provided by Vendor.</li> </ul>	Bidder found two documents are conflict between P&ID and specification as follows. P&ID did not indicate signal from Pig detector to control room, but proces. please confirm that pig detector is required signal or not ?	Pig detection signals at the control rooms in Muthurajawela and BIA are required.
17	P&ID no. 7258-30-50-60	Confirm instrument device type		please confirm the type of instrument device "CT01" at line 10"-PL-200709-B1A. Bidder did not find symbol & legend or abbreviation on P&ID.	CT refers to Conductivity Transmitter.
18	P&ID no. 7258-30-50-60	Confirm instrument valve type at metering skid		please kindly confirm type of valve in metering skid unit 2000 and 3000. P&ID did not indicate symbol of this valve. Please see yellow highlight. What does PI mean on a valve?	Details of metering skid is to be provided by the respective vendor. However, PI refers to Pressure indicator.
19	Technical Specification for Instruments doc.no. 7258-1600/1, Section 9.3	Surge Protection for transmitter	Configuration local (through push buttons on the LCD) and remote (from control system). The transmitters shall have integral over-voltage protection.	Bidder understands that external surge protection shall not be used for transmitter. But internal surge protection is required for all transmitters as per shown in doc.no. 7258-1600/1, section 9.3. please confirm.	Yes, Internal surge protection is required.
20	P&ID no. 7258-30-50-60	Sampling skid		please provide datasheet/drawing of fast flash tank/Sampling skid.	<p><b>Material:</b> Tank, Piping, Legs shall be SS 316</p> <p><b>Design Features:</b> shall be in accordance to the requirement mention in the EI 1540 &amp; JIG 2 latest editions.</p> <p><b>Additional Requirements:</b> Free vent on the vessel lid, Water tight inspection hatch on the vessel lid and Full length side glass (Level gauge) with isolation valves, gauge, drain valve, Visijar assembly with hand pump. Platform and a ladder for the purpose of vessel internal inspection and for the maintenance.</p> <p><b>Shell and Lid thickness:</b> To be decided by the manufacturer</p> <p><b>Size of the vessel :</b> To be decided by the manufacturer (Minimum 990 Liters)</p>



## Construction of a Jet A-1 Transfer Pipeline and Tank Farm

(Bid No. B/21/2025)

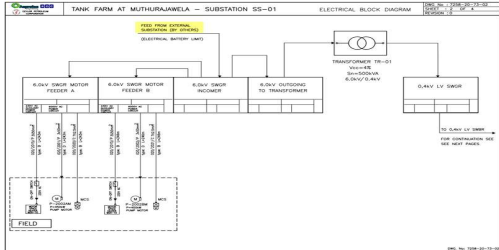
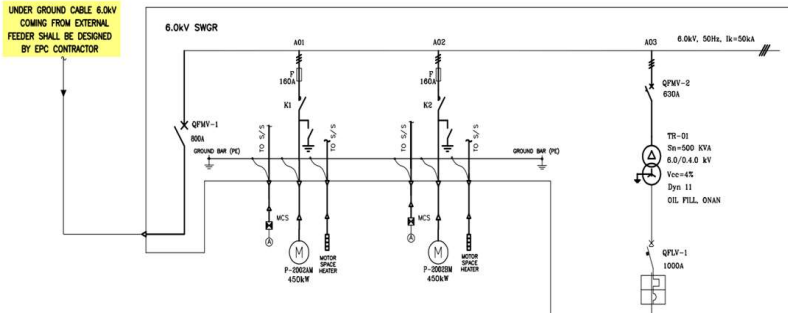
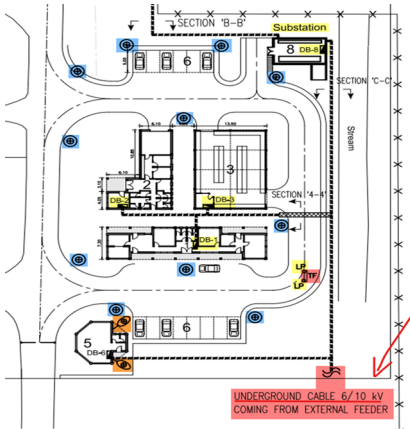
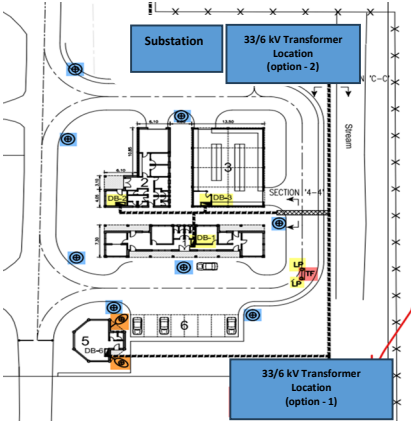
## Answers for the clarifications sought by bidders - set 02

Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
21	P&ID no. 7258-30-50-60	Tie-in		please explain more details of the sentence as highlighted in yellow at tie-in point. Bidder understands that only MOV will be installed at tie-in. What does the flow measurement system mean?	Clamp-on type Ultrasonic interface detection flow meter or similar system shall be installed by the EPC/Turkey Contractor. Interface detection with flow measurement is intended here to minimize product downgrading during operation as this is a multiproduct pipeline which will be used for offloading of ocean tankers supplying multiple products (Diesel and Jet A-1).  <b>Interface detection accuracy:</b> *Capable of detecting product changeovers (e.g., Jet A-1 → diesel/petrol) with accuracy of ±1 to 3 meters of pipeline length.  *Sufficient for ensuring segregation and avoiding Jet A-1 contamination.  <b>Recommended Vendors :</b> Emerson, Siemens, Endress+Hauser, Baker Hughes or equivalent European, US
22	SCADA System doc.no. 7258-1600-7	Pipe leak detection system		Please confirm the pipe leak detection system will be simulated by SCADA?	Bidder's query regarding simulated by SCADA is unclear.  However, Pipeline leak detection system shall be an automated leak detection system (LDS) capable of identification of location of a leak and it is required to integrate the system with the SCADA which shall be a safety related system to be designed during the detail design stage.
23	SCADA System doc.no. 7258-1600-8	New SCADA		Bidder understands that to provide a new SCADA system at Muthurajawela Control Room (MCR) Please confirm?	Yes, the process shall be controlled/monitored at the new control room to be constructed by the contractor at CPC, Muthurajawela.
24	7258-20-65-18	Control room layout		Please provide control room/cabinet room layout at Muthurajawela Control Room (MCR).	Control Room is marked in the plan/ layout. The location of the cabinet is to be decided by the EPC contractor during the detail design stage.
25	P&ID no. 7258-30-50-60 and Automation & Safety Conceptual Design doc.no. 7258-1600-08	Figure 1- SCADA Architecture Block diagram		Bidder found that two documents are conflict between P&ID and SCADA Architecture Block diagram as follows. -P&ID shows the field instrument device at the tank farm and launcher area will be controlled/monitored by SCADA through RTU. -SCADA Architecture Block diagram did not shows RTU for the field instrument device. Please confirm.	Field instruments within MTF shall be connected to the SCADA system directly without RTU. However BVS equipment & BIA equipment shall be connected to the SCADA system through RTU's.
26	P&ID no. 7258-30-50-60 and Automation & Safety Conceptual Design doc.no. 7258-1600-08	Figure 1- SCADA Architecture Block diagram	-	Bidder understands that MOV at the tank farm will be controlled/monitored by SCADA through RTU. COMPANY please confirm.	Field instruments within MTF shall be connected to the SCADA system directly without RTU. However BVS equipment & BIA equipment shall be connected to the SCADA system through RTU's.
27	Automation & Safety Conceptual Design doc.no. 7258-1600-08	Tank gauging system location	 <b>3.3.2 Tank Gauging System</b> Radar type tank level gauges of the MTF area shall be connected to the inventory management system of storage tanks. The Control Station of the Tank Gauging System will be installed inside the Main Control Room and will be supplied by tank gauging system Vendor.	Bidder found that the conflict between 7258-1600-08, section 3.3.2 and SCADA Architecture Block diagram as follows. -Section 3.3.2 shows tank gauging system will be installed inside main CCR. -SCADA Architecture Block diagram shows location at field. please confirm location of tank gauging system cabinet	The control station of the tank gauging system shall be located in the Muthurajawela control room.
28	P&ID no. 7258-30-50-60	MOV control signal		Some MOVs on P&ID did not indicate signal SCADA symbol & legend is needed signal and shall follow detail "A" on P&ID or not. COMPANY please confirm.	All MOV's shall be connected to the system.





Construction of a Jet A-1 Transfer Pipeline and Tank Farm  
(Bid No. B/21/2025)  
Answers for the clarifications sought by bidders - set 02

Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
29	Part 5 - Price Schedule - Item 8.1.7	Diesel Generator	-	There is no any the Diesel Generator size 1250kVA to specified in the electrical drawing (appendix 11), Please confirm the DG still required or not and also please to confirm that the EDG will be Low Voltage (400VAC, 50Hz).	Stand-by Diesel Generator, 6kV, 1250kVA is required.  Please refer the Attachment - 1 for the revised Key-One Line Diagram (7258-20-73-04-- REV1)
30		7258-20-73-02-Rev.0, SHT 2 OF 4		Please confirm the location of Transformer 33/6.6 kV that to connected with 6.0kV SWGR which located at new substation building.	The location of the 33kV/6kV transformer is to be decided during the detailed design stage considering minimum disturbances to the other constructions. It can be either be located near the boundary at the supply receiving point and lay 6kV underground cable up to the substation or it can be located near the substation and connect 33kV underground cable from the supply receiving point.
31		7258-20-73-04-Rev.0, SHT 1 OF 1		Please confirm the location of Transformer 33/6.6 kV that to connected with 6.0kV SWGR which located at new substation building.	The location of the 33kV/6kV transformer is to be decided during the detailed design stage considering minimum disturbances to the other constructions. It can be either be located near the boundary at the supply receiving point and lay 6kV underground cable up to the substation or it can be located near the substation and connect 33kV underground cable from the supply receiving point.  Please refer the Attachment - 1 for the revised Key-One Line Diagram (7258-20-73-04-- REV1)
32		7258-20-71-01-Sh.1of2-Rev.0		Please confirm the location of Transformer 33/6.6 kV that to be connected with 6.0kV SWGR which located at new substation building.	The location of the 33kV/6kV transformer is to be decided during the detailed design stage considering minimum disturbances to the other constructions. It can be: Option 1: located near the boundary at the supply receiving point and lay 6kV underground cable up to the substation  Option 2: located near the substation and connect 33kV underground cable from the supply receiving point.    However, it is responsibility of the EPC/Turnkey Contractor to decide the location during the detail design.
33	N/A	N/A	N/A	Could you please confirm whether the responsibility for land acquisition lies with the Employer?	Land acquisition is not required under this Contract



## Construction of a Jet A-1 Transfer Pipeline and Tank Farm

(Bid No. B/21/2025)

## Answers for the clarifications sought by bidders - set 02

Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
34	ITB	15.2	The Bid Security shall be valid for a minimum period of two hundred forty five (245) days (i.e. up to 19.04.2026) .....	In BDS 15.1 iii page 6, "The validity of Bid Security shall not be less than 245 (Two Hundred Forty-Five) days from the date of closing of Bids (i.e. up to 13.06.2026).", which we should follow.	Please refer Attachment 3 of Addendum 1
35	Part 2 Section V	Appendix 02 Recommended Vendors List	N/A	Could you please clarify whether it is acceptable to propose brands or countries of manufacture that are not included in the recommended vendors list, provided they meet the technical specifications and obtain the Employer's approval?	Please refer Q4/A4 of Pre-Bid Meeting Minutes
36	ITB	11.3	CPC wishes to obtain a Tax waiver for the importation of goods relevant to items of the Schedule of Prices except vehicles.....	Could you please confirm whether this project is exempt from customs duties or any other applicable duties and levies, and specify if any such charges will apply?	Please refer Q17/A17 of Pre-Bid Meeting Minutes
37	Part 5	Schedule of Prices	N/A	If we need to submit the Financial Proposal according to the BOQ.	Bidder's question is unclear.
38	Part 2 Section V	Part B 4.3.2	Preparation and submission of an animated 3D model & video presentation for the entire Tank Farm by the selected bidder including the software applicable for reviewing model.	If bidders are required to submit the 3D model & video presentation for the entire Tank Farm in the Bidding Documents?	Successful Bidder has to submit these during the execution stage.
39	N/A	N/A	N/A	Could you please clarify the required depth/level of design development and the specific design documents that need to be submitted as part of the Bidding Documents?	Please refer the BDF-14 for the required submissions with the Bid Proposal.
40	N/A	N/A	N/A	Could you please confirm whether furniture and appliances are included in the Contractor's scope of work?	Bidder's understanding is correct.
41	N/A	N/A	N/A	Please provide the specifications for the exterior facade: doors and Windows, exterior wall coatings, metal roofs, and metal exterior walls.	Designer shall submit details, however Employer expected quality of finishes are tile floor, AZ200 Zn-Al roofing with State-of-the Art finishes.
42	Section V, Scope of Work - Pipeline	13.11	Block Valve Station	It is mentioned that CONTRACTOR shall perform all required concrete and steel reinforcements for the erection of concrete pits of the BVS and concrete supports on which the mechanical, electrical, instrumentation, control, HVAC and CP equipment shall be established. Kindly share the SLD, Load list, Arrangement for Solar /UPS/Battery for Block Valve Station.	All the available details have been already provided with the Bidding Package. Details of the BVS Equipment have to be decided by the Bidder.
43	Tender document Part 1-Section III _PMN-117258-083- Evaluation and Qualification	Technical Proposals -Clause 1. Minimum Qualifying Criteria	<p>1.1 Bidder shall meet the Eligibility Criteria stated under clause 3 of ITB of this bidding document.</p> <p>1.2 Average annual turnover in last five (05) years (i.e. for the financial years ending 31st December 2024, 2023, 2022, 2021, and 2020 or for the financial years ending 31st March 2024, 2023, 2022, 2021, and 2020) shall be at least US\$ Thirty (30) Million per year. If any bidder is unable to fulfill the requirement during the 2020, 2021 and 2022 due to Covid-19 pandemic situation, bidder may submit the immediate past three years from 2020 i.e. 2019, 2018 and 2017.</p> <p>1.3 The minimum amount of liquid assets and/or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than US\$ five (05) Million for each year during the five years submitted for evaluation</p> <p>Table 1 Technical Evaluation Table</p> <p>Completed project for storage Tank farm of minimum capacity of 25,000m3 together with a connecting long distance product transfer pipeline of minimum of 10 km in oil &amp; gas industry with the minimum Financial value of US\$ twenty (20) million : 15 points each [Max 45 points]</p> <p>OR</p> <p>Completed project for storage Tank farm of minimum capacity of 15,000m3 together with a connecting long distance product transfer pipeline of minimum of 05 km in oil &amp; gas industry with the minimum Financial value of US\$ ten (10) million : 10 points each [Max 20 points]</p> <p>OR</p> <p>Completed project for storage Tank farm of minimum capacity of 15,000m3 in oil &amp; gas industry with minimum Financial value of US\$ ten (10) million : 5 points for each [Max 10 points]</p> <p>OR</p> <p>Completed product transfer Pipeline project of comparable size in oil &amp; gas industry with</p>	<p>As per our understanding of the tender requirements, in the case of a Joint Venture (JV) or Consortium participation, the stipulated technical and commercial qualification criteria can be met by any one member of the JV/Consortium or through a combination of the credentials of multiple members, and such compliance would be considered on behalf of the entire JV/Consortium entity.</p> <p>We kindly request your confirmation on this interpretation to ensure our proposal is in full alignment with the tender provisions.</p>	Bidder's understanding is correct.



Construction of a Jet A-1 Transfer Pipeline and Tank Farm  
(Bid No. B/21/2025)  
Answers for the clarifications sought by bidders - set 02

Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
44	Section V, Appendix 14, Material Requisition for Pumps P-2001 A/B		Datasheet	<p>PUMPS P-2001 A/B:</p> <p>-The specified minimum suction pressure is –0.5 bar(g), and since centrifugal pumps are not self priming, the suction piping system must be designed to ensure the pump operates under a flooded suction condition.</p> <p>Please confirm the suction piping configuration and conditions to maintain positive fluid head at start up.</p> <p>-Please specify the location of installation of pump package: Indoor/ Outdoor/ Under Roof.</p> <p>-Please advise if there is any sourcing restriction.</p> <p>-Please advise of the list of capital spares required.</p> <p>-Please share the specification:</p> <p>i. 7258-1831/2 External Painting</p> <p>ii. 7258-1930/3 Inspection and Test Instructions.</p>	<p>- This has to be designed during the detail design stage by the successful bidder</p> <p>- Under Roof</p> <p>- Bidder has to follow the Recommended Vendors list</p> <p>- Please refer item no. 9.6 in the Schedule of Prices in Part 5</p> <p>- Please refer Part2, Appendix 13</p>
45	Section V, Appendix 14, Material Requisition for Pumps P-2002 A/B		Datasheet	<p>PUMPS P-2002 A/B:</p> <p>-The specified minimum suction pressure is –0.5 bar(g), and since centrifugal pumps are not self priming, the suction piping system must be designed to ensure the pump operates under a flooded suction condition.</p> <p>Please confirm the suction piping configuration and conditions to maintain positive fluid head at start up</p> <p>-Please specify the location of installation of pump package: Indoor/ Outdoor/ Under Roof.</p> <p>-Please advise if there is any sourcing restriction.</p> <p>-Please advise of the list of capital spares required.</p> <p>-Please share the specification:</p> <p>i. 7258-1831/2 External Painting</p> <p>ii. 7258-1930/3 Inspection and Test Instructions.</p>	<p>- This has to be designed during the detail design stage by the successful bidder</p> <p>- Under Roof</p> <p>- Bidder has to follow the Recommended Vendors list</p> <p>- Please refer item no. 9.6 in the Schedule of Prices in Part 5</p> <p>- Please refer Part2, Appendix 13</p>
46	Section V, Appendix 14, Material Requisition for Pumps P-2003		Datasheet	<p>PUMPS P-2003:</p> <p>-Please advise if internal gear pumps can be offered instead of vane pumps.</p> <p>-The inspection and testing listed in clause 3.13 demands for witness testing and non-witness in shop tests, please specify the type of testing required.</p> <p>-Please share the specification:</p> <p>i. 7258-1831/2 External Painting</p>	<p>- Bidder's request is not acceptable</p> <p>- Please refer clause 15 of Part [A] &amp; Part [B] of Part 2 and item number 9.1 in Schedule of Prices in Part 5</p> <p>- Please refer Part2, Appendix 13</p>
47	Section V, Appendix 2, Jet A1 Pipeline Route Maps in Scale 1:1000	Sheet 3 of 27		In the document. PEN-117258-04 near BV1 at the canal crossing, showing two bore holes. Please provide Borehole data.	All available data has been provided in PMN-117258-002 of Part 2, Appendix 2. Successful Bidder has to carryout necessary studies during detail design stage.
48	Section V, Appendix 2, Jet A1 Pipeline Route Maps in Scale 1:1000	Sheet 12 of 27		In the document. PEN-117258-04 near 9km- canal crossing, showing two bore holes, please provide borehole data	All available data has been provided in PMN-117258-002 of Part 2, Appendix 2. Successful Bidder has to carryout necessary studies during detail design stage.
49	Section V, Appendix 2, Jet A1 Pipeline Route Maps in Scale 1:1000	Sheet 16 of 27		In the document. PEN-117258-04 near 12km+ canal crossing, showing two bore holes, please provide Bore hole data	All available data has been provided in PMN-117258-002 of Part 2, Appendix 2. Successful Bidder has to carryout necessary studies during detail design stage.
50	Section III, Table 2			Construction Manager qualification: as most Sri Lankan Professional Engineers have not been in Oil and Gas projects, can we use an international Engineer for CM and Deputy CM instead of a Sri Lankan Professional Engineer with Oil and Gas experience.	Bidder's request is not acceptable
51	Part 5		Schedule of Prices	We are requesting M/s CPC to include Provisional Sum Item for the Utility shifting for the utilities that are obstructing the 10' Pipe path.	Please refer Attachment 8 of Addendum 1
52	Part 5		Schedule of Prices	We are requesting M/s CPC to please consider the escalation cost due to inflation in the Country for the local Component	Bidder's request is not acceptable
53			Particular Condition of Contract	sub Clause 1.5 Priority of Document (i) Particular Condition & Appendix to Tender, but this Appendix to Tender is not provided	Appendix to Tender is the Addendums issued for the Bidding Package
54			Particular Condition of Contract	sub Clause 1.14 Joint and Several Liability, (ii) in 4th row, says General and Special Conditions – are there any Special Conditions in this contract?	Special Condition refers to the Particular Conditions



Construction of a Jet A-1 Transfer Pipeline and Tank Farm  
(Bid No. B/21/2025)  
Answers for the clarifications sought by bidders - set 02

Sl. No.	Section	Reference Clause No./Section	Description	Bidder's Query	Response from CPC
55			Particular Condition of Contract	sub Clause 1.14 Joint and Several Liability, (viii) please clarify to JV Registration before Register under the Registration Act.	Please refer Q22/A22 in the Pre-Bid Meeting Minutes
56	Section V, Appendix 3		P&ID	Piping specifaicon mismatch between Line list and P&ID for the same line as given below. Kindly confirm. 1. In Line list given as A1A Spec, where as in P&ID mentioned as B1A. Both are different material. 2. Fire water line, piping spec not provided.	Bidder's question is unclear.
57	Section V, Appendix 10		Transformer	The Transformer rating mentioned as 800 kVA in Power supply conceptual design (ELE-117258-008 sh 6 of 9)/ Schedule document (Excel). But mentioned as 500 kVA in Key one line diagram (7258-20-73-04)/ Electrical Block diagram (7258-20-73-02) Please inform, which one shall be considered.	Transformer rating shall be 800kVA  Please refer the Attachment - 1 for the revised Key-One Line Diagram (7258-20-73-04-- REV1)
58	Part 5		Schedule of Prices	Refer BOQ Cl 7.3 – Please confirm the location of CPSTL fire control system.	CPSTL Fire Control Room: <a href="https://maps.app.goo.gl/2wkqjhWFW956YT9">https://maps.app.goo.gl/2wkqjhWFW956YT9</a>
59	Part 5		Schedule of Prices	Refer BOQ 8.2.11 – Public addressing system – Please confirm the areas which require PA System	This shall cover all the buildings within the Muthurajarawela new Tank farm area and shall be decided during the Detail design stage
60	Section V, Part B		Technical Scope	Please provide Technical scope of work pertaining to the following : Fire Detection System, CCTV, Public addressing system, Access control system. This is not available in the Tender documents.	Technical requirement for:  Fire Detection System : Sub-clause 9.6 in Part [B] of Part 2 CCTV, PA, Access Control has to be designed during detail design stage