

Project : Construction of fuel farm and fuel tanks at R. Vandhoo-3rd Tender

Clarifications

No	Issue/ Query	Client's response
01	For the supply & Installation of Diesel pump	
a.	Please provide the design capacity of diesel pump (eg. flow rate and pump head)	Pump shall be supplied as per BoQ item 6.2.(1). Specifications of the pump shall be submitted for client approval
b.	As per the BOQ, it is only 01 No pump for the fuel line. But we propose to use 02 No of fuel pumps as duty & standby for this system. Please confirm your states in this regard.	BoQ revised to include one duty pump and one standby pump. Attached revised BoQ.
02	For the supply & Installation of Oil pump (for used oil)	
a.	Please provide the design capacity of oil pump (eg. flow rate and pump head)	Pump shall be supplied as per BoQ item 6.2.(2). Specifications of the pump shall be submitted for client approval
03	Confirm the Locations of existing 02 Nos fuel & oil tanks.	Refer attached drawing.
04	Please provide the dimension drawing for fuel farm pipe line.	Refer attached drawing.
05	Please provide the dimation drawing for fuel & oil distribution pipe line from storage tanks to power house,incinarators and Fuel kiosk.	Refer attached drawing.
06	Please confirm the connection details of fuel & oil pump with the incinarator 01 & 02. (need to verify, which pump shall be connected to incinarator 01 & 02 in lot no E1 & F1)	Fuel connection shall be made from proposed new fuel tanks to incinerator in plot E1.
07	Fire Protection System for Tank Farm	
a.	Is Fire Protection System for Tank Farm included to this scope? (it is not mentined in the BOQ)	Fire protection system will be installed by client separately.
b.	If it is included, could you provide a design drawings or shall we propose a design?	Fire protection system will be installed by client separately.
08	Fire Protection & Detection System	Fire detection system will be installed by client separately.
09	In the Vandhoo ESIA addendum doc.(from page no:199) has been mentioned about a firefighting system for entire site area. But it has not mentioned in the BOQ. So it shall be included to the scope or not? If it is included, we need additional design details for the fire system.	Fire detection/protection system will be installed by client separately.
10	What is the contractual scope regarding the septic tank system in this tender.	Sewerage septic tank system is not included in the scope of works of this contract.
11	Condition, Type & details of existing tanks to be relocated. Are these tanks in good condition for dismantling and relocation? Should the contractor be responsible for defects of existing tanks relocated during the defect's liability period?	Existing tanks have already been moved from location 9A to an interim location (refer attached drawing) and are in use temporarily until the permanent new fuel tanks are constructed and commissioned. Tanks are in good condition for dismantling and relocation. Contractor shall be responsible for defects of existing tanks relocated during defects liability period.
12	Provide details of existing site condition of tank & foundation, and building. What are the additional works associated with construction of tank & foundation and building that needs to be included in the contractor's scope. Example: Does it require any tree tree/vegetation clearance, or any demolition works etc...	Refer to drawings / ESIA addendum.
13	Condition of roads where the fuel line requires road crossing. What are the additional works associated with road crossing that needs to be included in the contractor's scope. Provide the details of site condition and additional works associated installation of fuel line in this section. Example: Does it require any tree tree/vegetation clearance, or any demolition works etc...	Existing roads are dirt roads. Some sections might need vegetation clearance (refer drawing/ESIA addendum)
14	Condition of roads & plots where the fuel pipe trenching is required to be constructed. What are the additional works associated with fuel pipe trenching that needs to be included in the contractor's scope. Provide the details of site condition and additional works associated installation of fuel line in this section. Example: Does it require any tree tree/vegetation clearance, or any demolition works etc...	Existing roads are dirt roads. Some sections might need vegetation clearance (refer drawing/ESIA addendum)
15	Condition of roads & plots where the fuel pipe is to be constructed with concrete supports. What are the additional works associated with fuel piping that needs to be included in the contractor's scope. Provide the details of site condition and additional works associated installation of fuel line in this section. Example: Does it require any tree tree/vegetation clearance, or any demolition works etc...	Existing roads are dirt roads. Some sections might need vegetation clearance (refer drawing/ESIA addendum). Ground shall be well compacted and leveled before piping is laid.
16	Specify the location for disposal of waste and clearances arisen from construction activities.	For green waste, refer to ESIA addendum. Construction waste shall be taken to Thilafushi during demobilization (R.Vandhoo RWMF does not accept C&D waste).

17	Provide fuel line MOC details and joining details. Specify who will be responsible for supplying fuel pipeline materials.	Refer Technical Specifications. Contractor is responsible for supplying all materials.
18	Specify the preferred type/supplier/manufacturer for the new 50m ³ tanks. Kindly confirm if Bolt on field design assembly type tanks is acceptable?	Refer to drawings, BoQ, technical specifications. Bolted tanks are not acceptable.
19	The exact diameter & height of tank as per the tender design might not be available if it is to be manufactured and procured from abroad as suppliers/manufactures have their own standard dimensions. Kindly confirm if adjustments on diameter and height is flexible to cater the specified volume. Specify if the given volume is usable, or net or gross??	Refer to drawings, BoQ, technical specifications. Bolted tanks are not acceptable.
20	Specify the color coating requirement of new tanks (External & Internal)	Refer to drawings, BoQ, technical specifications.
21	Specify the details of paint requirement for building and fuel tank foundation including bund wall and specify if fuel tank foundation and bund wall is included in contractor's scope.	Refer to drawings, BoQ, technical specifications.
22	Confirm if client could arrange storage and working space for contractor.	Contractor needs to build their own temporary storage/working area at site.
23	Confirm if client could arrange food and accommodation for contractor's staffs & representatives.	Food and accommodation cannot be arranged at R.Vandhoo RWMF. Daily ferry service will be provided by Client to the contractor staff, to and from R.Innamaadhoo/R.Rasmaadhoo - R.Vandhoo RWMF.
24	Electrical layout of building is missing. Kindly provide if it is in contractor's scope. Who will be responsible for main electricity connection. Confirm the location of electrical source if main electricity connection is in contractors scope.	Refer attached drawing. Main electric connection is not under scope of contractor.
25	Door and window details of building is missing. Kindly provide if it is in contractor's scope.	Refer attached drawing.
26	Roof beam layout of building is missing. Kindly provide if it is in contractor's scope.	Refer attached drawing.
27	Is there any scope of contractor related to culverts and manholes since these drawings are included in the drawings set. Are these for information purposes.	It is under contractor's scope of works. Refer to drawings, BoQ, technical specifications.
28	Reference to ESIA	Summary of ESIA addendum has been provided which includes the relevant sections of the ESIA addendum.