



Enemalta plc

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To all prospective bidders

Re: Tender advert: GN/MPS/DO/2173/2014 – Tender for the Demolition of 3 Chimneys and Tanks 1,2,3 & 4 at Mara Power Station

Clarification No. 1

Reference is made to the above mentioned tender, for which the closing date is on the **12th November 2014** at 11.00 am.

A second site visit will be held on Monday 3rd November 2014 at 12:00 noon. Meeting point: On hill top in front of White Bros Transport Contractors, Belt il-Hazna, Marsa.

Hereunder please the following clarifications, which are construed to form an integral part of the Tender Document.

Dismantling of FO Tanks 1, 2 and 6, Ex-Gas Turbine fuel tank, Chimneys 1,2 and 3 (Gas Turbine chimney)

Clarifications:

1. Tank 1 has a double bottom with sand between the two bottoms.
2. Tank 1 roof is heavily corroded and dangerous to step on.
3. Tanks 1 and 6 have a GRP (Glass Fiber Reinforced Plastic) lining on bottom and one meter up the sides.
4. Tank 2 has a protective coating (without GRP) on bottom and one meter up the sides.
5. The sludge from Tank 2 was removed and the bottom of the tank, together with around 1 meter from bottom of its sides, has already been cleaned by Enemalta plc, but it is up to the contractor to ensure that this tank is adequately prepared for dismantling and disposal as required by the relevant regulating authorities.
6. The chemical dosing unit (Pentol mixing Unit) between tanks 1 and 2 does not belong to Enemalta. If the owner renounces it and it becomes Enemalta's property, the unit will be included in this tender for dismantling and removal. To be communicated in a later stage.
7. Tank 6 roof has no internal supports.
8. Fuel Tank 6 has a second roof welded over the original roof.
9. If for easy access the northeastern bund wall of Tank 6 is removed, a one meter high wall should be rebuilt, once work is completed.
10. Some pipe work in the bund areas must not be disturbed. This will eventually be marked with RED paint by Enemalta plc on site.
11. Pipe work that shall be dismantled and carted away shall eventually be marked in GREEN paint by Enemalta plc on site. Drawing showing pipe work (EMC/FC/0017) is being provided. Pipe work to be dismantled is highlighted in yellow.
12. Drawing EMC/WF/008 shows Fire System piping to be dismantled. This piping shall eventually be marked in GREEN paint by Enemalta plc on site.
13. The fuel transfer pump between tanks 1 and 2 shall be retained by Enemalta.
14. Provisions must be made to ensure that no material is to be dropped inside the stack during the dismantling of chimney 3 (Gas Turbine chimney)
15. Chimney 3 (Gas Turbine chimney) shaft below ground contains a stainless steel chimney consisting of two concentric liners with asbestos in between. This information is only being provided as a precaution. It is up to the contractors to verify or otherwise the presence of asbestos prior or during the dismantling of this chimney.
16. On completion of demolition of Chimney 3 (Gas Turbine chimney) a boundary wall one meter high shall be built around the opening and a secure steel cover fitted over the boundary.
17. The ex-Gas Turbine diesel fuel tank, adjacent to fuel Tank 2, which for the last 15 years has been used for water storage will be included for demolishing and removal. There is the possibility that traces of oil may still be present with the water. It is up to the contractor to verify hydrocarbon presence prior to disposal of the tank and contents.

18. The de-gassing towers near Chimneys 1 & 2 will be included in this tender for demolishing and removal. This includes their concrete pond/bund wall. Their associated pipe work is lined with rubber.

19. **New Clause** 1.2.6 Volume 3 – Technical Specifications

The contractor shall submit documentation to prove that it or one of its subcontractors has carried out a dismantling project of similar size and nature in the last five years.

20. **Clarification** Clause 1.2.3. Volume 3 – Technical Specifications

The bidder shall provide a work method statement detailed enough to enable the adjudicating board to assess whether the dismantling process will interfere with ongoing operations and essential structures and equipment within the Marsa power station. Detailed plans will be submitted by the successful tenderer after tender award as per Clause 1.3.3 Volume 3 – Technical Specifications

Drawings Provided

1. MCDT Oct14 2 – Updated block plan of Marsa Power Station showing items and equipment to be dismantled.
2. MCDT Oct14 3 – Section A-A in Drawing MCDT Oct14 2
3. MCDT Oct14 4 – Section B-B in Drawing MCDT Oct14 2
4. EMC/WF/0008 – Marsa Power Station Fire System showing Fire piping to be dismantled highlighted in yellow.
5. EMC/FC/0017 – Marsa Power Station Heavy Fuel Oil tank farm showing piping to be dismantled highlighted in yellow.
6. Sectional drawing Tank 6

Disclaimer:

All information given above is that which is available at Enemalta plc. Modifications and alterations could have been carried out which are not recorded in these drawings and information. It is the tenderer's responsibility to verify the information provided by Enemalta plc.

Questions Received:

1. Can you give the specification of fuel contained in tanks no 1 and 6.
[Reply: Typical Fuel specifications attached](#)
2. Do these tanks have heating coils?
[Reply: Yes](#)

3. Is steam available for the preferred bidder?

Reply: No

4. Has Enemalta ever done any tests on the condition of the ground in terms of contamination, if yes when and are the results still available?

Reply: No tests were carried out inside the bund walls.

5. Has Enemalta ever done any tests regarding the geological condition of the ground near the tanks?

Reply: None

6. Have the tanks ever been tested for leakage of fuel?

Reply: Yes

7. Has any NDT been carried out on the tanks?

Reply: Yes

8. Can we have a good indication of the quantity of the fuel which is still or shall remain in the tanks?

Reply: An indicative quantity would be 200Mtons in tank 6 and 60Mtons in tank 1. However, these figures depend on the amount of sludge found in the tanks and therefore how much fuel Enemalta can extract from them.

9. If the oil that remains in the tanks is recovered and treated would Enemalta be interested to buy it? If yes what is the specification what would be required?

Reply: The specification is that indicated in question 1. Yes, subject to costs.

10. How is the fire brick lined on the steel in chimneys 1 and 2? Are they bonded or cemented to each other or just laid?

Reply: No records are available.