

**Global Water Partnership – Mediterranean (GWP – Med)**  
**Legally and lawfully represented by the civil non-profit society**  
**MEDITERRANEAN INFORMATION OFFICE FOR ENVIRONMENT, CULTURE**  
**AND SUSTAINABLE DEVELOPMENT – MIO-ECSDE**

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**CALL FOR QUOTATIONS**  
**for the rehabilitation and maintenance of the stormwater reservoir at the**  
**Presidential Palace in Malta**

Global Water Partnership – Mediterranean (GWP – Med), as legally and lawfully represented by the civil non-profit society “MEDITERRANEAN INFORMATION OFFICE FOR ENVIRONMENT, CULTURE AND SUSTAINABLE DEVELOPMENT – MIO-ECSDE” intends to process a call for quotations for the project: “**The rehabilitation and maintenance of the stormwater reservoir at the Presidential Palace in Malta**” within the framework of the “*Climate Change Adaptation through Non Conventional Water Resources Management in North Mediterranean Programme (Alter Aqua)*”.

The **scope** of this work is to reactivate the reservoir located beneath the internal parking area of San Anton Palace (Attard) to its full storage potential for scheduled use as deemed fit by the Office of the President of the Republic of Malta.

Project budget amounts to the maximum sum of **forty-eight thousand Euros (€48,000.00) + VAT**, (VAT if applicable). The Project is funded by the Coca-Cola Foundation.

Completion date of the works is three (3) months upon contract assignment.

**Procurement procedure**

The procurement will proceed having regard to:

1. General principles of EU law on public procurements
2. Internal Rules and Regulations of MIO-ECSDE
3. The Memorandum of Understanding, dated 22.03.2017, among The Office of the Prime Minister (Energy and Projects), The Office of the President of the Republic of Malta and The Global Water Partnership - Mediterranean
4. The present call for quotations
5. The laws of Malta regarding the execution of the works under procurement

### **Awarding criterion**

The awarding criterion of the tender is the lowest bidding price.

### **PLACE & TIME OF OFFERS SUBMISSION**

Interested Parties shall submit their offers on their own responsibility, either in person or through a specially authorized representative, or by sending it by registered prepaid post with delivery receipt **by Friday 21<sup>st</sup> April 2017 not later than 12:00 (CET)**, at the premises of the **Energy and Water Agency**:

**Office of the Permanent Secretary (Energy and Projects)**

**186/187, Casa Depares**

**Old Bakery Street**

**Valletta, Malta**

Offers submitted after the specified date and time or bids that have been duly posted but have not reached the designated place in good time, shall not be taken into consideration and shall be returned as inadmissible, without being unsealed.

**Inquiries on the call for quotations terms: *Ms Mariela Antonakopoulou***

**Contact details: +30-210-3247267, -2103247490 (300)**

**e-mail: [secretariat@gwpmed.org](mailto:secretariat@gwpmed.org)**

The present call for quotations will be posted on the websites of GWP-Med ([www.gwpmed.org](http://www.gwpmed.org)) and of MIO-ECSDE ([www.mio-ecsde.org](http://www.mio-ecsde.org)), as well.

Athens, 04/04/2017

Prof. Michael J. Scoullas

Chairman GWP-Med

Chairman MIO-ECSDE

## ANNEX 1

### INSTRUCTIONS TO BIDDERS

Bidders shall:

1. Fill in the Details of the Bidder's Form and sign the declaration included therein.
2. Submit a certificate from the competent authority or a solemn declaration stating that the bidder is not bankrupt or subject of proceeding for a declaration of bankruptcy, that s/he is in good standing, operate under no legal restrictions, is not under any liquidation procedure or the subject of proceedings for declaration of liquidation or any analogous situation.

3. Provide evidence attesting to:

- Relevant experience in execution of works of a similar nature over the past 3 years.

In so listing the end clients, the tenderer is giving his consent to the Evaluation Committee, so that the latter may, if it deems necessary, contact the relevant clients, with a view to obtain from them an opinion on the works provided to them, by the tenderer.

4. Submit their bid, in a single sealed envelope clearly marked with the title of this call ("**The rehabilitation and maintenance of the stormwater reservoir at the Presidential Palace in Malta**"), by **Friday 21<sup>st</sup> April 2017 by not later than 12.00 (CET)** at the following address:

**Energy and Water Agency  
Office of the Permanent Secretary (Energy and Projects)  
186/187, Casa Depares  
Old Bakery Street  
Valletta, Malta**

5. Execute the works subject of this quotation in accordance with the schedule of quantities and any specifications contained therein, in accordance with the best practices of the trade, to the satisfaction of the contracting authority and in conformity to the laws of Malta regarding public works.
6. The bidder shall complete all works within three (3) months upon contract assignment.

7. Be bound by the Special Conditions and the General Conditions which are deemed to form an integral part of this quotation document.
8. Submit any queries to email address: [secretariat@gwpmed.org](mailto:secretariat@gwpmed.org) by not later than 4 working days prior to the closing date for the submission of the quotation. Replies to all queries shall be sent to the respective bidder and posted on the web-sites of GWP-Med ([www.gwpmed.org](http://www.gwpmed.org)) and MIO-ECSDE ([www.mio-ecsde.org](http://www.mio-ecsde.org)).

Bidders are hereby informed that:

9. A **site visit** will be organized for the interested parties to discuss the technical details of the project. The site visit will be held on **Thursday 13<sup>th</sup> April at 8:30 am at San Anton Palace, Attard**. Interested bidders are requested to send details of attendees for this site meeting at [secretariat@gwpmed.org](mailto:secretariat@gwpmed.org) by **Tuesday 11<sup>th</sup> April** for the necessary site-access arrangements to be undertaken.
10. Quoted rate is a lump sum for all items described in this call.
11. Where the General Conditions are in contrast with the Special Conditions, the latter shall take precedence over the former.
12. The contracting authority reserves the right to reject any quotation.
13. Quotations shall be valid for a period of six (6) months.
14. The quotation shall be awarded to the cheapest technically compliant quotation.
15. In submitting this quotation, the bidder is declaring that all employees engaged on this contract shall enjoy working conditions such as wages, salaries, vacation and sick leave, maternity and parental leave as provided for in the relative Employment Legislation of the Government of Malta. Furthermore, s/he shall comply with Chapter 424 of the Laws of Malta (Occupational Health and Safety Authority Act) as well as any other national legislation, regulations, standards and/or codes of practice or any amendment thereto in effect during the execution of the contract. The bidder is further declaring that s/he accepts without reserve that, in the event that it is proved otherwise during the execution of the contract, the contract shall be terminated with immediate effect and s/he shall raise no claims for damages or compensation.

## **ANNEX 2**

### **SPECIAL CONDITIONS**

1. The successful bidder shall submit a performance guarantee which shall be for the amount of 10% of the contract value.
2. The performance period for works will be no more than three (3) months from contract assignment.
3. The Contractor shall be liable to a deduction of €200 per day, for every day in excess of the three (3) months' project implementation period, including Sundays and public holidays, up to a maximum of 15% of the contracted amount.
4. The contractor shall provide free maintenance on the works carried out on this contract for a period of one year following the completion and final certification of the works. As a safeguard for this provision, half of the performance guarantee shall be retained for an additional period of twelve (12) months from the final certification of works.

### **GENERAL CONDITIONS**

It is hereby construed that the bidders have read and accepted in full and without reservation the conditions outlined in the MODEL CONTRACT, and are therefore waiving any standard terms and conditions which they may have.

The MODEL CONTRACT can be viewed/downloaded from: [www.gwpmed.org](http://www.gwpmed.org) or [www.mio-ecsde.org](http://www.mio-ecsde.org)

## ANNEX 3

### GENERAL REQUIREMENTS

#### **1. SCOPE OF WORK**

- a) The scope of this work is to reactivate the reservoir located beneath the internal parking area of San Anton Palace (Attard) to its full storage potential for scheduled use as deemed fit by the Office of the President of the Republic of Malta.
- b) The tasks envisaged to be undertaken as part of these works consist of;
  - emptying of reservoir,
  - improvement of access and air circulation,
  - identification, refurbishment and cleaning of input pipework and channels,
  - cleaning up the accumulated silt on the reservoir floor,
  - assessing the impermeability of the reservoir walls and floor and rectify accordingly,
  - the supply and application of waterproofing material necessary to make the reservoir walls impermeable,
  - assess the structural condition of the reservoir and carry out the structural interventions necessary to refurbish the roof of the reservoir,
  - assessment of the new installed impermeable property of the reservoir.
- c) The contractor is required to furnish all labor, materials, tools, equipment, services and certificates necessary for carrying out the tasks assigned accordingly.
- d) The contractor is also required to ensure that in the execution of the above mentioned works, all current Health and Safety regulations, as stipulated by Maltese Law, are strictly adhered too.

## ***2. DELIVERY, STORAGE, AND HANDLING OF CONSTRUCTION AND WATERPROOFING MATERIALS***

The selected contractor shall be required to:

- a) Ensure that all materials shall be delivered in original, unopened containers or packaging clearly labeled with manufacturer's name and location, brand name, size, manufacturing date, instructions for use and all identifying numbers.
- b) Store materials in accordance with manufacturer's instructions. Materials shall be stored in a neat and safe manner, and the total weight of the materials shall not exceed the allowable structural capacity of the storage area.
- c) Protect materials during handling and application to prevent damage or contamination. Materials damaged in handling or storage shall not be used in the Work. Damaged materials shall be removed from the site.

## ***3. CONDITIONS AND PRECAUTIONS***

Prior to application, the materials shall not be exposed to damaging ambient parameters in excess of the manufacturer's specified instructions.

## **SCHEDULED WORKS**

### ***1. ENVISAGED WORKS:***

- a) Installation of a new manhole cover and frame 900mm X 600mm in place of the current existing 600mm diameter manhole to serve as a better ventilation and access point during cleaning process. This access rests on the roof of the reservoir which is constructed of 'xorok' and respective supportive arches. A method statement prepared by an architect and clearly stating the way in which the 'xorok' will be removed, needs to be presented before work can commence.
- b) Identify the channels that serve as a medium to fill the reservoir with runoff water from the catchment area and clean them accordingly.
- c) Emptying of reservoir through the use of a dry or submersible pump and or suction bowser according to best practice and or availability.
- d) Finding an adequate drainage point for the disposal of water removed from the reservoir, practicable for the task at hand, subject to the approval of the Office

of the President of the Republic of Malta, and co-ordinate the disposal of water accordingly.

- e) Manually clean the reservoir floor from the accumulated debris and silt present and cart away accordingly. To be disposed in accordance to environmental regulation and law.
- f) Check and test for cracks, fissures and other defects that affect the impermeable properties of the reservoir walls and floor and rectify accordingly using the appropriate impermeable material and tools.
- g) Conduct test on the current wall lining and floor to establish the correct waterproofing material to use in connection with the main aim of this project.
- h) Supply, deliver and apply the established correct waterproofing material to the reservoir floor and walls, up to a level of around 200mm above the maximum water level that can be attained. During application, joints should be kept to a minimum, and where joints are necessary, these should be implemented with excellent workmanship and certified leak proof.
- i) Test reservoir by a drop test to verify validity of the maintenance carried out accordingly.
- j) It is understood that because there was no prior inspection or history, the required maintenance concerning the roof is being based on visual inspection only. Roof is made up of tal-franka xorok resting on tal-franka arches. This maintenance envisages restoring and rectifying safety and structural problems that are visible or discovered upon inspection or ongoing works. Contractor to provide all material necessary to carry out the maintenance and transporting it on site.
- k) It is being understood that in order to conduct the proposed roof maintenance, scaffolding must be erected in place. Scaffolding should be provided by the contractor. Scaffolding must be certified that is safe for public use and subsequent scaffolding installation must be up to current health and safety



standards. Respective and proper certification must be presented by a competent person beforehand.

- l) In conducting maintenance and refurbishment of the reservoir roof, the contractor must engage a professional architect (perit) to develop the necessary methodology which must be undertaken to conduct the required maintenance on the roof and provide a related report on what is required and how the works will be carried out.
- m) At the completion of the maintenance and refurbishment of the reservoir, certification of approval from a professional architect (perit) must be presented indicating that the work carried out has been done up to the standards required and accepted by the building industry.
- n) In order to test the new waterproofing capability of the reservoir a drop test should be conducted by the contractor, according to a methodology agreed with the Contracting Authority. The results of the drop-test, certified by the contractor's architect shall be presented to the Contracting Authority as proof of the correct undertaking of the works in question.
- o) Once work is completed site surroundings must be restored to its original state.
- p) **ATTENTION:** Since this is a confined space any designated agency conducting works on site must ensure that all current Health and Safety regulations are strictly adhered as stipulated by Maltese Law, OHSa Regulations and good practice to where personnel, tools, materials, vehicles and temporary structures are concerned. Also whenever there are personnel working within the reservoir proper ventilation must be set in place to provide fresh air circulation.
- q) Any other work not specified, mentioned and not quoted for by the contractor that may crop up during the carrying out of work assigned, deemed necessary by the contractor for the success of this project must be presented to the Contracting Authority for discussion and review prior handling. The decision of the Contracting Authority is final.

- r) Reservoir is situated in a national sensitive area. After daily completion of works clean site from debris and used unwanted material resultant from this project for the whole duration of the project.
- s) It is imperative that at the end of this project, the site surroundings are restored to original state before commencement of works on site.
- t) Upon job completion guarantees must be presented by the responsible contractor on the waterproofing material and application and also upon the structural work on the roof.

## **EXECUTION**

### ***1. EQUIPMENT***

- a) The contractor entrusted to do this job shall supply equipment, including bowsers, pumps, containers, hoses, gauges, packers, drills, bits, scaffolds, compressors, generators, vacuums, accessories and all other equipment and items required to perform the tasks required for this project to the fullest of the requested specification.
- b) The equipment used for the application shall be;
  - Up to standard in respect to health and safety issues,
  - Acceptable to the product's manufacturer.

### ***2. HEALTH & SAFETY PRECAUTIONS***

- a) Responsibility for all aspects concerning health and safety issues for the duration of this project is vested entirely in the contractor entrusted to do this job, who will exercise all control over operations, materials, employees, and all other factors respecting health and safety norms.
- b) Empty containers, bags, drums and the like, shall be promptly removed from the Work Site at the end of each work period or shift and disposed of in a safe, orderly and legal manner.
- c) Handle materials in the manner prescribed by the manufacturer, with additional precautions as required by applicable public laws and jurisdictional controls. Applicators shall wear adequate protective gear as recommended and or instructed by the product manufacturer.

### **3. *JOB COMPLETION***

- a) The overall quality of the work shall be judged by the ability of the reservoir to achieve water tightness and serve as a storage area for runoff caught in respective area.
- b) Tests shall be performed to assess the adequacy of the maintenance carried out concerning waterproofing. These tests will consist of controlled and monitored drop tests that will determine the impermeability of the reservoir.
- c) Upon job completion guarantees must be presented by the contractor on the waterproofing material and application and also upon the structural work on the roof.

## **ANNEX 4**

### **MEASUREMENT AND PAYMENT**

#### **1. *MEASUREMENT***

Measurement for the application will be made according to the tasks carried out.

#### **Preliminaries**

- a) The works involve the emptying, cleaning, surveying and repairing of the storm water reservoir for the purpose of making it impermeable.
- b) The contractor entrusted to do this job is to make all the necessary arrangements for access to the site for its employees, equipment and plant. The contractor entrusted to do this job shall coordinate with the Office of the President so that other work operations on site are not impeded.
- c) The contractor entrusted to do this job shall erect temporary hoardings and markings as may be deemed necessary throughout the duration of the works. This to minimise the impact, disturbance and also to alert to potential health and safety hazards to third parties and passers-by.
- d) All services and tangible property around the site are to be protected. Any damage caused during the execution of the works is to be made good by contractor entrusted to do this job.
- e) Quantities given in this document are indicative only and the contractor entrusted to do this job is to make its own assessment prior to the signing of the agreement. No

claims will be entertained arising from negligence on the part of the contractor entrusted to do this job to check the quantities

- f) Remove all loose material and debris as it accumulates from time to time and at completion
- g) Clean the site on completion. Remove resultant deposits of building material, sludge and debris from the whole site of works and leave site ready for use, fully operational and to the satisfaction of the customer appointee within the agreed completion date.

## **2. PAYMENT TERMS**

- a) Upon agreement with the contractor an advance payment of twenty per cent (20%) of the contract price (VAT if applicable) will be paid after the signing of the contract.
- b) Payment will be effected once the terms in this document have been met following the satisfactory execution of the works and supplies.
- c) Prices, lump sums and rates quoted in the bills of quantities (VAT if applicable).
- d) Payment will only be effected against a valid invoice (VAT if applicable). The contractor shall be required to issue an official receipt following receipt of payment.

## ANNEX 5 - BILL OF QUANTITIES

<b>1. Preparatory Work</b>					
<p>i. In order to provide better air circulation within the reservoir during the ongoing work.                      ii. Create a better access for the subsequent cleaning process in the removal of debris and sludge.                      iii. Replace current 600mm dia. Manhole with Manhole Cover &amp; Frame 900mm x 600mm</p>					
<p>i. Installation of new manhole cover &amp; frame should be installed in parallel with the underneath supporting arches.                      ii. Installation of new manhole cover &amp; frame must present a flat continuous surface with the surrounding street level.                      iii. Rate shall include excavation, support, backfilling, reinstatement and disposal of resultant debris.</p>					
Index	Description	Qty	Unit	Rate	Amount
1,1	Supply and Installation of Manhole Cover & Frame 900mm X 600mm	1	l.s		
<b>Total:</b>					
<b>2. Cleaning Process</b>					
<p>i. The purpose of this phase is to identify the channels that serve as a medium to fill the reservoir with runoff water from the catchment area and clean them accordingly.                      ii. Empty the reservoir from any water that may be present in the reservoir.                      iii. General cleaning of the reservoir from sludge and debris found the bottom of the reservoir and deposited to an approved site</p>					
Index	Description	Qty	Unit	Rate	Amount
2,1	General cleaning of reservoir' interior and input channels	1	l.s		
<b>Total:</b>					
<b>3. Maintenance Work</b>					
<p>The following dimensions of the reservoir are being provided for indicative purposes only: 2 walls at 30m x 6m, 2 walls at 8m x 6m and Flooring of 30m x 8m.</p>					
Index	Description	Qty	Unit	Rate	Amount
3,4	Thorough clean reservoir floor and walls, access staircase included (e.g. jet wash) and cart away resultant debris and sludge. This is primary intended to help with; (i) helping to identify cracks and other deficiencies in the current wall lining and floor, and (ii) thoroughly prepare a clean surface for the subsequent waterproofing material installation.	1	l.s		

3,5	Provide waterproofing material to be applied on the walls and the floor in order to provide a holistic all round waterproof property to the reservoir. The selected waterproofing material by the contractor should be fully compatible with the texture of the reservoir walls.	700	m <sup>2</sup>		
3,6	Apply correct waterproofing material to reservoir's walls and floor. The application of this material must provide an overall holistic final sealing result that ensures a leak free reservoir. Apply 'sgoxx' to all corners (vertical and horizontal).	1	l.s		
3,7	Maintenace works on the reservoir mainly consisting of: i. rehabilitation of the reservoir roof, including the replacement of broken tal-franka xorok, ii. cleaning and plastering of all joints (xorok and supporting arches), iii. At the maximum reservoir water level, clean the bare stone from left over particles, dirt, grit and other related water impurities left overs, and iv. any other structural work that is deemed necessary upon first hand inspection or discovered during ongoing works.	1	l.s		
3,8	Supply and installation of Scaffolding (minimum tolerance 300kg/m <sup>2</sup> )	1	l.s		
<b>Total:</b>					
<b>4. Verification of Waterproofing Properties</b>					
Index	Description	Qty	Unit	Rate	Amount
4,1	Drop Test undertaken according to methodology agreed with Contracting Authority.	1	l.s		
<b>Total:</b>					
<b>Grand Total Excluding VAT</b>					
<b>Grand Total Inclusive VAT (if applicable)</b>					

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

ID: \_\_\_\_\_

**ANNEX 6**

**DETAILS OF BIDDER**

Name & Surname: \_\_\_\_\_

On behalf of  
(if applicable): \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

VAT Reg. No. \_\_\_\_\_

Tel. No: \_\_\_\_\_

Mobile No: \_\_\_\_\_

Email Address: \_\_\_\_\_

Bid value, as lump sum (VAT if applicable): \_\_\_\_\_

Date and  
Signature and Stamp: