

## **Terms of Reference**

**For the Rehabilitation and Maintenance of the Underground Reservoir at Auberge de  
Angleterre, Birgu, Malta**

**In the framework of  
the “ALTER AQUA – Phase IV” project**

**Funded by  
The Coca-Cola Foundation  
and the Energy and Water Agency of Malta**

### **1. Background**

#### 1.1. The ALTER AQUA Project

Alter Aqua, the Non-Conventional Water Resources (NCWR) Programme in Malta, implemented in the Maltese Islands since 2011, is heading towards the completion of its Fourth Phase (which started in 2022). The Programme is designed by the regional organization Global Water Partnership – Mediterranean (GWP-Med), one of the thirteen regional offices of the inter-governmental organization Global Water Partnership (GWP), in partnership with the Energy and Water Agency (EWA) and the Coca-Cola in Malta (General Soft Drinks Ltd. and the Coca-Cola Company), supported primarily by The Coca-Cola Foundation and co-funded by EWA.

Alter Aqua commenced in the Maltese Islands in 2011, first focusing on the island of Gozo, in partnership with the Ministry for Gozo and the Eco Gozo project. Since 2014, the Programme started focusing in Malta, in partnership with the Ministry for Energy and Water Management and the Energy and Water Agency, aiming to promote the use of non-conventional water resources as a sustainable practice for local water security and climate change adaptation.

Since 2011, the Programme has applied 21 NCWR systems, yielding 19 million liters of water annually, including the installation or reinstatement of rainwater harvesting systems and greywater recycling systems, alongside educational and awareness raising activities and capacity building workshops for professionals.

As water security is among the top priorities in the Maltese Islands, applying integrated and innovative approaches in water management, mobilizing non-conventional water resources and engaging stakeholders are pivotal in improving water efficiency and management and contributing to climate change adaptation and sustainable development.

#### 1.2. The ALTER AQUA Project – Phase IV

Leveraging the legacy of the previous phases, Alter Aqua - Phase IV seeks to mainstream NCWR applications and water saving in Malta. It will achieve this through a 3-pillar approach: Technical applications, Capacity Building & Youth Engagement, and Community Awareness Raising & Communication, while demonstrating the cultural and social value of water.

The Programme activities include:

**Technical Intervention:** Reinstatement or improvement of a total number of 2 – 3 existing abandoned underground rainwater harvesting reservoirs, in line with national priorities as set by the Energy and Water Agency (EWA) of Malta under the Ministry for Energy, Enterprise and Sustainable Development. Such applications will be demonstrated in public buildings and spaces. The reservoirs will be selected according to specific technical (e.g. size, accessibility, etc.) and cultural (e.g. historical value, architectural design) features. Options for innovation, including through a Water-Energy-Food-Ecosystem (WEFE) Nexus approach, will be encouraged within capacity and budget, aligned with the water authorities' priorities. The technical interventions will also promote the agenda of the Ministry for Public Works and Planning on the mainstreaming of the Green Stormwater Infrastructure.

**Capacity Building and Youth Engagement:** A workshop for young participants of technical and non-technical background will be organized for the participants to learn:

- About technically sound and socially acceptable NCWR applications by a team of recognized experts, tapping into the experience of the technical portfolio of 120+ works in the 14 year course of the NCWR Programme in the Mediterranean.
- To promote NCWR and the revival of Malta's water conservation culture, through featuring the country's rich water heritage.

The existing applications in Malta will serve as an onsite example of feasibility, design and implementation, as well as an inspiration for replication.

In this regard, the close collaboration with EWA, and potentially with the Institute of Earth Systems at the University of Malta, is envisaged.

**Awareness Raising and Communication:** Building upon GWP-Med's experience in Malta, and upon the long-term collaboration with EWA, awareness raising activities will be hosted in the new Water Conservation Awareness Center and at the University of Malta, increasing visibility to young crowds and locals. Activities may include, but are not limited to:

- a) The development of a "reservoir trail", with QR codes strategically placed in areas where there are reservoirs giving access to the subterranean structure, providing information about the structures and the project to visitors
- b) The design and printing of promotional leaflets. The leaflets will display a touristic component promoting both the project objectives as well as the policy priorities of Malta's Tourism Authority.
- c) Media promotion with press releases and features about the Programme's works and the reservoir's historical role in Malta's water saving culture, using original material and previously unpublished professional photographs. This component will build on the existing collaboration of Alter Aqua with local photographer Steve Mallia, who is developing a photographic database and related publication of historical reservoirs in Malta.
- d) A social media campaign which will focus on general public awareness (children and adults, locals and visitors) on water scarcity and wise daily water use/saving.

## 2. Description of the Assignment

### 2.1. Objective

- I. The scope of this work is to carry out the rehabilitation and maintenance works on the reservoir located at the Auberge De Angleterre in Birgu, and to bring it up to its maximum storage potential for the scheduled use as deemed fit by the Vittoriosa Local Council.

The tasks envisaged to be undertaken as part of this work package consist of:

- a. Emptying the reservoir from any water.
  - b. Cleaning of reservoir internal space from any debris which may have fallen inside the reservoir and any silt which may have been collected throughout the years.
  - c. Removal of any roots which may have found their way into the reservoir.
  - d. Repair works to any existing cracks, with proprietary waterproofing materials.
  - e. Identification, and cleaning of input culverts / pipes and channels leading into the reservoir.
  - f. The supply and application of waterproofing material necessary to make the reservoir watertight if required.
  - g. Assessment of the impermeability of the newly laid waterproofing material of the reservoir by re-filling the reservoir and performing the water test.
  - h. Fill in the reservoir to its maximum capacity and check its water retaining properties, by carrying out a water test. If the water test is successful, the project can be considered as complete. If the water test is unsuccessful, the height at which there is no loss of water is noted and the condition of the reservoir walls are checked from that point upwards.
  - i. Assess the impermeability of the reservoir walls from the defective area upwards and floors and rectify accordingly.
- II. The Contractor is required to furnish all labour, materials, tools, equipment, services, and certificates necessary for carrying out the tasks assigned accordingly.
  - III. The Contractor is also required to ensure that all the works executed under this contract, are carried out in strict adherence with all current health and safety regulations, as stipulated by Maltese law.

### 2.2. Scheduled Works

#### 2.2.1. Envisaged Works - Reservoir

- a. Emptying of reservoir through the use of a dry or submersible pump and or a suction bowser according to best practice and / or availability.
- b. 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 client, and coordinate the disposal of water accordingly.
- c. Installation of a temporary scaffolding for facilitating access in and out of the reservoir.

- d. Manually cleaning the reservoir floor from the accumulated debris and silt present and cart away accordingly. The debris is to be disposed of in accordance with law and environmental regulations.
- e. Fill in the reservoir up to its maximum volume and carry out a preliminary water test, where the level of the water after filling the reservoir is noted and monitored a week after. If there is no significant change to the water level, then the reservoir is waterproof, and the project can be considered as complete.
- f. If the water level drops significantly during the test, the water is left to drain so as to determine the lowest point through which water escapes through the reservoir. Then after water seepage out of reservoir stops, the level of the water is noted, and the reservoir emptied. The area above the location where the crack is located is examined for any fissures and other defects that affect the impermeability of the reservoir walls and floor. The contractor shall then proceed with the rectification of the reservoir accordingly using appropriate impermeable materials and tools.
- g. Conduct tests on the current wall lining and floor to establish the correct waterproofing material to use in connection with the main aim of the 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 water test (waterproofing water test) to verify validity of the maintenance carried out accordingly.

The reservoir consists of a bell-shaped excavated structure. Some 12 meters in depth.

Pictures of the reservoir attached in the Annex.

It is being understood that if the case may be and the walls of the reservoir need to be examined for cracks in order to conduct the proposed reservoir maintenance, scaffolding must be erected in place. Scaffolding shall be provided by the contractor. It must be certified that it 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.

The water for the filling up of the reservoir for the preliminary water test as per 2.2.1.e, shall be provided by the Contractor at his expense.

Should this leak proof water test fail, the contractor shall empty the reservoir, carry out remedial works on waterproofing and fill up reservoir with water for re-testing. All this is to be carried out at the Contractor's expense and repeated as necessary, always at the Contractor's expense, till reservoir passes the waterproofing water test.

#### 2.2.2. Other Matters

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 to execution The decision of the contracting authority is final.

The reservoir is located in Auberge d'Angleterre, Birgu. After daily completion of the works, the contractor must clean the site from any debris and unwanted material resulting from this project for the whole duration of the project.

It is important that at the end of the project, the site surroundings are restored to their original state as before commencement of the works on site.

### 2.2.3. Equipment

The contractor entrusted to do this job shall supply all equipment, including but not limited to:

Bowers	Scaffolds
Pumps	Compressors
Containers	Generators
Hoses	Vacuum
Gauges	Ventilator
Packers	Various accessories and hand tools
Drills	Any other equipment required for the successful completion of all tasks requested in full accordance with the specifications.
Bits	

The equipment used for the application shall be:

- Up to standard in respect to health and safety issues,
- Acceptable to the product's manufacturer.

### 2.3. Bill of Quantities

Item	Description	Unit	Quantity
<b>1</b>	<b>Preliminaries</b>		
1.01	Provide insurance policy, covering the Contracting Authority and its team together with contractor's personnel.	lump	1
1.02	Key Expert: Periti	lump	1
1.03	Key Expert: OHS Officer	lump	1
1.04	Testing of air in reservoir to ensure proper safeguards for health and safety given that works are carried out in a confined space. Contractor is to provide a declaration that the confined space has been checked and that he has all the necessary safeguards for works to be carried out. This document needs to be signed by contractor, and OHSA key expert.	lump	1
1.05	Supply, and install scaffolding for the safe access of personnel into the reservoir. The scaffolding shall be certified by an engineer. Certificate included in the fees.	lump	1
1.06	Supply of adequate lighting and floodlights to work in reservoir incl. any generators as required.	lump	1
1.07	Provide weekly photos showing work in progress.	No.	1
1.08	Provide all H&S tools and equipment to carry out works in confined space.	No.	1
1.09	Provide risk assessment and method statement.	No.	1
1.10	Provide measured plan and section drawing of the internal layout of the reservoir.	No.	1
<b>2</b>	<b>Maintenance of the Reservoir</b>		

2.01	Take photographs of the existing entrance to well 'horza', and carefully dismantle it making sure not to damage the masonry block elements, to access the interior of the reservoir. Rate shall also include the rate for its re-installation as original layout at completion of the project. Photographs of the existing condition of 'horza' are to be submitted to the Contracting Authority within 1 week of starting the works.	lump	1
2.02	Removal of all water from the reservoir up to the preliminary water test. Contractor is responsible to keep the reservoir free from water during the whole duration of the works.	lump	1
2.03	Removal of silt and debris from reservoir floor. Rate to include all dumping fees, double handling etc.	m <sup>3</sup>	78.55
2.04	Maintenance on existing cracks in reservoir including plastering of same with waterproofing material and mesh material.	m <sup>2</sup>	114
2.05	Power washing of walls and floor.	m <sup>2</sup>	114
2.06	Form triangular fillet in sand cement max between floor and reservoir walls/ rock face and between walls as required around the perimeter of the whole reservoir.	m	36
2.07	Apply proprietary waterproofing to the rock face and floor as per manufacturer's recommendations to ensure water retention of reservoir.	m <sup>2</sup>	114
<b>3 Testing of the Reservoir</b>			
3.01	Carry out water test on reservoir. If successful water to be kept in reservoir. If unsuccessful test, reservoir is to be emptied again, remedial works carried out and re-tested at contractor's expense until water test is successful.	m <sup>3</sup>	120

This tender is not divided into lots, and tenders must be for the whole of quantities indicated. Tenders will not be accepted for incomplete quantities.

#### 2.4. Health and Safety Precautions

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.

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 off in a safe, orderly and legal manner.

Handle materials in the manner prescribed by the manufacturer, with additional precautions as required by applicable laws and jurisdiction controls. Applicators shall wear adequate protective gear as recommended and or instructed by the product manufacturer.

Since this is a confined space, the contractor or his representatives including any subcontractors and personnel must ensure that all current health and safety regulations are strictly adhered as stipulated by Maltese Law, OSHA 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.

Testing of silt and air in reservoir shall be carried out by the contractor to ensure proper safeguards for health and safety given that works are carried out in a confined space. Contractor is also to provide a declaration that the confined space has been checked and that he has all the

necessary safeguards for works to be carried out. This document needs to be signed by contractor, and OHS key expert.

### 2.5. Key Experts

A. The Contractor shall appoint the following Key Experts. Rates submitted by the Contractor in the form Financial Offer shall be inclusive with cost covering the engagement by the Contractor of these Key Expert.

- Key Expert No.1 – Perit  
A person holding the warrant to practice as a Perit
- Key Expert No.2 – Occupational Health and Safety Officer  
This expert is to be recognized as a competent person by the OHS of Malta.

The Key Experts and any of his staff shall be bound by all the provisions, the general conditions and the special conditions governing this tender and the Contract.

B. Perit’s responsibilities shall as amongst other things be as follows:

The Perit engaged by the Contractor in terms of Chapter 390 of the Laws of Malta shall be appointed to assume professional responsibilities as defined in Art 2 of the said Act, and who shall ensure that the Contractor fully understands and complies with specifications, conditions defined in statutory permits and any other Legal requirements emanating from the relevant Chapters of the Laws of Malta.

The Perit shall amongst other things be required to:

- i. Develop the necessary methodology which must be undertaken to conduct the required maintenance on the reservoir.
- ii. Provide the Contracting Authority with a works method statement and restoration method statement before commencing works.
- iii. Liaise with the Contracting Authority, the Project Manager, the Utilities and other stakeholders in the execution of the Work awarded to Contractor under this tender and contract.
- iv. Oversee and monitor the Work, its progress and conformity to the defined time frames and the specified standards of conduct and quality.
- v. Attend meetings with persons designated by the Contracting Authority, the Project Manager, the Utilities and other stake holders as may be necessary.
- vi. Endorsement of “as constructed” drawings for all sections of the Work carried out as shall be submitted by the Contractor.
- vii. Monitor quality control and performance assessment tests undertaken or otherwise commissioned by the contractor.
- viii. Certify works upon completion. At the completion of the maintenance and refurbishment of the reservoir, certification of approval from a professional architect (warranted Perit) must be presented indicating that the work carried out has been done up to the standards required and accepted by the building industry. The results of the water test, certified by

the contractor's architect shall be presented to the contracting authority as proof of the correct undertaking of the works in caption.

Notwithstanding anything herein contained that may be construed as being to the contrary, the Perit shall be liable for and against any and all claims, damages, expenses or costs (including those asserted by Third Parties) directly or indirectly related to his services, this liability being regulated by the appropriate provisions at Law.

C. OHS Officer responsibilities shall amongst other things be as follows:

The OHS Officer shall prepare safe work method statements and ensure that all works, including temporary and provisional works, comply to all safety requirements as spelled out in this tender and contract and as required by all statutory Local and National Authorities.

#### 2.6. Delivery, Storage and Handling of Construction and Waterproofing Materials

The selected contractor shall be required to:

- 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.
- Store materials in accordance with manufacturer's instructions. Materials shall be stored in a neat safe manner, and the total weight of the materials shall not exceed the allowable structural capacity of the storage area.
- 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.

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

#### 2.7. Job Completion

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 the respective area.

In order to test the new waterproofing capability of the reservoir a water test should be conducted by the contractor, according to a methodology agreed with the contracting authority. The results of the water test, certified by the contractor's architect shall be presented to the contracting authority as proof of the correct undertaking of the works in caption.

Representatives from the contractor and supervising authority are to be present during the taking of the readings of the levels before and after water has been poured in the reservoir.

These tests shall be carried out three days following the reservoir being filled with water.

Upon job completion guarantees must be presented by the contractor on the waterproofing material and application.



The Contractor shall provide a warranty for a period of 24 months on works carried. The warranty period shall commence on the satisfactory completion of the works. The Contractor shall be responsible for making good any defect in, or damage to, any part of the works which may appear or occur during this warranty period, and which arises either from the use of defective plant or materials or faulty workmanship or design of the Contractor.

The completion of the works will be verified by EWA on behalf of the Contracting Authority.

#### 2.8. Reporting line

The contractor will work under the direct supervision of / and communicate directly with the technical representatives of the Energy and Water Authority (Supervising Authority).

The supervising authority will be in direct communication with the Contracting Authority (GWP-Med).

#### 2.9. Monitoring and Progress Controls

Mr. Mark Perez at Energy and Water Agency of Malta will be providing oversight and guidance from the side of the Project Team. Coordination calls between the consultant and the Project Team will be held at weekly basis, to monitor the progress of the assigned services.

### **3. Duration of the Contract**

Delivery of the works should be completed by 29/02/2024.

The overall duration of the contract will be maximum by 31/03/2024.

The date of the commencement of the contract execution shall be the last signing of the contract.

The INCOTERM2010 applicable shall be Delivery Duty Paid (DDP).

### **4. Contract Price, Schedule of Payments and Performance Guarantee**

#### 4.1. Contract Price and Schedule of Payments

The maximum fee for this assignment is **30,000 EUR (excluding VAT)**. This amount includes all other costs, income taxes and any other amount payable or cost that may be required for the completion of the work/service.

The schedule of payments is as follows:

- 20% payment in advance upon Contract Signature and submission of performance guarantees
- 80% payment upon satisfactory completion of the works

The final payment will be issued upon measuring of the total works performed.

The method for measuring completed works for payment must be in accordance with the Contract.

The provisional sums in the bill of quantities must be used in whole or in part at the discretion of the Engineer or as otherwise set out in the contract.

Each item in the bill of quantities for which payment is to be made in a lump sum, and for which no payment schedule is provided, must be paid after the work covered by the lump sum has been completed to the satisfaction of the EWA Engineer.

In the event that there are delays in the execution of the contract the contractor shall be liable to pay compensation in the form of a penalty. The amount of the flat rate compensation per day of delay (penalty) shall be of 1% of the net contract value per week up to a limit of 10% of the total contract value. For the calculation of penalties, the number of days of delays shall be converted into weeks by rounding down to the nearest week.

#### 4.2. Performance Guarantee

The successful participant agrees to submit to the Contracting Authority two Performance Guarantees each of them accounting to 2% of the contract value.

The successful participant shall, within 10 calendar days of the receipt of the contract, sign and date the contract and return it together with a copy of the Performance Guarantees. The copies of the Performance Guarantees forwarded to the Central Government Authority are to be endorsed by the Contracting Authority prior to submission. The successful participant is therefore obliged to forward the original Performance Guarantees to the Contracting Authority. Any Performance Guarantees issuance expenses bear's the successful participant.

The 1<sup>st</sup> Performance Guarantee shall be released within 30 days of the completion of works to the satisfaction of EWA and the 2<sup>nd</sup> performance Guarantee shall be released on the completion of the 24-month warranty period.

The Contracting Authority will not affect any payment to the Contractor until the Performance Guarantees have been submitted.

The Performance Guarantees will be issued to the Energy and Water Agency (EWA) of Malta which, according to the Memorandum of Understanding signed on the 27th of December 2022, is one of the funding actors of the Alter Aqua – Phase IV Programme and the Supervising Authority of the Programme Activities that take place in Malta. In this regard, EWA acts as a representative in reference of the Performance Guarantees of GWP-Med which is the Contracting Authority.

### **5. Selection Criteria (Pass / Fail)**

Successful participants must provide the following documents:

#### A. Technical Offer:

- Works Method Statement
- Graphic Works Schedule - Program of Works in the form of a Gantt Chart
- Key Experts Form
- The Statement of Availability Form
- Public Employees Declaration Form
- Professionals Declaration Form

- Preliminary Risk Assessment
- Health and Safety Plan
- Literature of Proprietary Water Proofing Products is to be submitted with the technical offer
- Signed declaration of payment of Taxes
- Signed declaration of payment of Social Insurance contributions
- A list of at least three (3) projects of similar nature and / or budget size in the last five (5) years (Provide information in the following form).

Title of the Project / Assignment	
Date & duration of the Project / Assignment	
Geographical area of the intervention	
Contents of intervention (mention briefly key elements like type of works and key metrics)	
Cost of the Project / Assignment	
Funding authority and end-client (if different), contact details for reference cross-checking*. <ul style="list-style-type: none"> <li>• Name of the client</li> <li>• Email of the client</li> </ul> * The participants provide consent to the Contracting Authority to contact the listed clients. In case of confidentiality matters, please indicate.	

## B. Financial Offer (Annex 2)

**Failure to provide the minimum required qualifications is considered ground for disqualification.**

### 5.1. Awarding Criterion and Evaluation Process

Award criterion is the Most Economically Advantageous offer with criterion the lowest price for the offers satisfying the selection criteria.

### 5.2. Submission of Offers

Please refer to the Call for Offers Document for the proper submission of the Technical and Financial Offer.

### 5.3 Clarification meeting/ Site visit

If needed, all the interested contractors can contact Mr. Mark Perez at EWA ([mark.perez@gov.mt](mailto:mark.perez@gov.mt)). Upon that communication, the decided date of the site visit will be announced on GWP-Med's website.

## INSTRUCTIONS REGARDING THE FINANCIAL OFFER FOR WORKS TENDER

Unit-Price Contract

### 1. PREAMBLE

Tenderers must price each item in the Financial Offer form separately and follow the instructions regarding the transfer of various totals in the summary.

The Financial Offer form must be read with all the other contract documents and the Contractor shall be deemed to have thoroughly acquainted himself with the detailed descriptions of the works to be done and the way in which they are to be carried out. All the works must be executed to the satisfaction of the EWA Engineer.

#### 1.1. Quantity of Items

The quantities set forth against the items in the Financial Offer form are an estimate of the quantity of each kind of the work likely to be carried out under the contract and are given to provide a common basis for bids. There is no guarantee to the Contractor that he will be required to carry out the quantities of work indicated under any one particular item in the Financial Offer Form or that the quantities will not differ in magnitude from those stated.

When pricing items, reference should be made to the conditions of contract, the specifications and relevant drawings for directions and descriptions of work and materials involved.

The quantities given in the Financial Offer form are provisional and reflect the estimates made at the time of approval to provide a basis for this document and tenders. Tenderers must consider every aspect of the tender document carefully.

Any comments concerning the quantities must be made in the form of an attachment, following the system of itemisation, quoting the codes and brief descriptions, as in the present documents, including the rates and prices.

Save where the technical specifications or the Financial Offer form specifically and expressly state otherwise, only permanent works are to be measured. Works will be measured net to the dimensions shown on the drawings or ordered in writing by the EWA Engineer, save where described or prescribed elsewhere in the contract.

In adjusting extras or variations on the contract, works will be measured on the same basis as that on which the quantities were prepared. All works not specifically mentioned in the Financial Offer form will be taken as included in the prices of various items.

Where, in the opinion of the Engineer, extra works cannot be properly measured or valued, the Contractor may, if so directed by the EWA Engineer, carry out the work at the day work rates shown in the schedule of day work. All completed day work sheets must be signed by the EWA Engineer on or before the end of the week in which the works are executed.

No allowance will be made for loss of materials or volume thereof during transport or compaction.

## 1.2. Units of Measurement

The units of measurement used in the annexed technical documentation are those of the International System of Units (SI). No other units may be used for measurements, pricing, detail drawings etc. (Any units not mentioned in the technical documentation must also be expressed in terms of the SI.)

Abbreviations used in the bill of quantities are to be interpreted as follows:

mm = millimetre	h = hour
m = metre	L.s. = Lump sum
mm <sup>2</sup> = square millimetre	Km = kilometre
m <sup>2</sup> = square metre	l = litre
m <sup>3</sup> = cubic metre	% = per cent
Kg = kilogram	N.d = nominal diameter
To = tonne (1000 kg)	m/m = man-month
pcs = pieces	m/d = man-day

## II. PRICING

The prices and rates inserted in the Financial Offer form are to be the full inclusive values of the works described under the items, including all costs and expenses which may be required in and for the construction of the works described together with any temporary works and installations which may be necessary and all general risks, liabilities and obligations set forth or implied in the documents on which the tender is based. It will be assumed that establishment charges, profit and allowances for all obligations are spread evenly over all the unit rates.

The rates and prices tendered in the priced Financial Offer form will be quoted at the current rates on the date of submission.

Rates and prices must be entered against each item in the Financial Offer form. If any item in the form is left unpriced, then it shall be deemed that the Contractor is taking provision for the price of this item in the rest of the rates.

The rates will cover all tax, duty or other liabilities which are not stated separately in the Financial Offer form and the tender.

## III. COMPLETING THE FINANCIAL OFFER FORM

In form, rates and prices will be entered in the appropriate columns in Euro **inclusive** of VAT.

Errors will be corrected as follows:

- Where there is a discrepancy between amounts in figures and in words, the amount in words will prevail; and
- Where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit price and the quantity, the unit rate as quoted will prevail.

ANNEX – Pictures of the Reservoir







