

TENDER NOTICE

Tender No. T/44/2011

DESIGN, SUPPLY AND INSTALLATION OF FENCE AND GATES FOR WETLAND

The tender document in digital format may be purchased by Tenderers experienced in the said work, from the Contracting Section, Finance Department, Haya Water.

Office location:	OOSC Building, 2 nd Floor, Madinat Sultan Qaboos
Office hours:	7.00 am to 12.30 pm and 1.00 pm to 3.30 pm, Saturday to Wednesday
Period of sale of	
Tender Document	11/09/2011 to 18/09/2011
Tender Fee:	R.O 70.000 (Rials Omani Seventy only) Non-refundable
Payment method:	Cash or Demand Draft or Wire Transfer in favor of Haya Water (DD/Wire Transfer shall be inclusive of banker's commission by the paying bank)
Bid validity:	90 days from date of submission
Bid Bond:	1% of bid value, in favour of Haya Water valid for 90 days from date of submission

Last date for submission

of Tender Bids: 12.00 pm on 28/09/2011

The Tenderers shall complete and submit the Form of Tender, Schedule of Prices and Undertaking Statement, in **hard copy**. All other documents shall be submitted in **digital pdf format** in a CD or Flash Drive. A digital copy of the Form of Tender, Schedule of Prices and Undertaking Statement shall also be included along with other submissions.

In addition to the above, you are required to fill the form for Tender Purchase enclosed and submit it to Contract Section along with copy of Tender Board Registration and Commercial Registration.

FORM FOR TENDER PURCHASE

TENDER Title: **DESIGN, SUPPLY AND INSTALLATION OF FENCE AND GATES FOR WETLAND**

Tender No. **T/44/2011** Receipt No: Fees: **R.O 70** Dated:...../...../.....

- 1] Name of Company Wishing to Participate in the Tender
.....
- 2] Address of the Company (For Correspondence)
.....
- 3] Telephone No. along with ISD Code (For Correspondence)
.....
- 4] Fax No. along with ISD Code (For Correspondence)
.....
- 5] Email ID (Note that correspondence, circulars, amendments will be sent to this e-mail)
.....
- 6] Name of Contact Person with mobile Number if any
.....
- 7] Name of company representing the tendering company-if any.
.....
- 8] Enclose: 1. Tender Board Registration
 2. Commercial Registration

➤ **You came to know about this tender through (choose one)**

Haya Website **Invitation Letter** **Newspaper** **Other:.....**

Tender Received by..... ID.....

GSM No.....Signature

SCOPE OF SERVICES

1.0 BACKGROUND

- 1.1 The buffer zone adjacent to Haya Water property at al ansab is a high risk area for the company. This area has, for many years, been used unofficially by workers as an access route to the Ghala industrial area and unauthorized visitors have also used the site for camping, shooting and other non permitted activities such as rubbish dumping. Temporary barriers and signs have been erected to try to stop these activities and a security team currently patrol this area but incidents of unathorised entry continue to occur on a weekly basis .The proposed fencing solution with reduce future risks of loss or injury and will reduce the need for the additional security patrolling.
- 1.2 In addition to the unathorised human impact on the site the nature conservation management of the wetland is currently compromised by the lack of or poor quality and fencing on site. In order to deliver the agreed site management plan, fencing is required for the wetland to reduce the negative impact of feral cats and dogs and also foxes on the native populations particularly the ground nesting birds. Fencing the buffer zone will be an important first step but ultimately other existing fences on site will need to be upgraded or replaced to effectively exclude these pest species.
- 1.3 The completion of the fence will secure the Haya Water property and facilitate the required level of nature reserve management for the wetland. Also, an area of redundant fencing needs to be removed to facilitate the development of visitor facilities on the site.
- 1.4 The Scope of Work shall comprise designing, obtaining all approval from relevant authority (if required) and construction works including civil and mechanical. Also, part of the scope is to remove some redundant fencing in order to facilitate the new development visitor facilities.
- 1.5 Under this part of the contract the contractor shall supply all materials, plants, equipment, software, machineries and manpower to carry out the work as detailed in the specifications for or as directed by Haya Water.
- 1.6 Any other work identified as necessary for completion of the works during the progress of work shall be called as additional works and shall be executed with the prior written approval from Haya Water. The rates for the works shall be mutually agreed to between Haya Water and the Contractor.

2.0 JOB REQUIREMENTS

- 2.1 A survey of the required area to be fenced has already been conducted by Haya Water GIS team. See below **Photo 1**, **Photo 2** and **Photo 3** which indicate the area to be fenced with ground levels and the accompanying site photos.



- 2.2 The Contractor shall submit detailed design shop drawings for the main fence, the vehicle access gate and the wadi crossing area.
- 2.3 Drawings prepared for the designing should be in Auto CAD format hard and soft copy. All hard copies shall be in colour in A3 size and soft copy in DVD.
- 2.4 The Contractor shall undertake any site clearance / ground preparation work required for installation of the fence and gates on site. Also, shall undertake modifications to the fence if it does not satisfy the stated requirements for pest exclusion
- 2.5 The Contractor shall provide solutions for the fence where it cross Wadi areas. The solutions shall be guaranteed from any damages when Wadi floods.
- 2.6 The Contractor shall remove the redundant defined fences (approximately 850 m) with minimum disturbance, back filling the hole, not damaging any other structures and disposed materials off site if found to be unusable. If the fence is found usable, the same shall be sent to Haya Water Warehouse.
- 2.7 The Contractor shall execute the works in strict accordance with the terms and conditions of this Contract and to the satisfaction of the Company and shall comply with and adhere strictly to all instructions and directions on any matter regarding the services whether specified or not.
- 2.8 The contractor shall have their office with telephone, internet and fax facility in the capital area.
- 2.9 There shall be standby arrangement for all types of plants, tools, equipments, vehicles, staff and materials by the contractor. The work once started shall not be disturbed or stopped due to flimsy reasons.
- 2.10 All the consumable items shall be paid by the contractor. No separate payment will be made for these types and related consumable items.
- 2.11 All the bills regarding telephone, water, electricity shall be paid by the contractor.

- 2.12 The Contractor shall take into account any restriction due to executing work in conjunction and cooperation with the continued operation of other department activities in the contract area.
- 2.13 Haya Water shall at all times have access to all areas of the Contractor's operation including all workshops, stores or where materials are being obtained for the work and the Contractor shall afford every facility for and every assistance in such access.
- 2.14 The Contractor shall execute all works in strict accordance with the Standards and Practice prevalent in Oman and adhere to highest quality Specifications appropriate for the works, adopting any amendments modifications or latest standards or specifications as may be issued from time to time.
- 2.15 The Contractor shall be deemed to have fully allowed for complying with all requirements of the Health and Safety Reference Documents.
- 2.16 The contractor shall be responsible for his staff and equipment's and shall follow all the required safety precautions related to the nature of the work for each work area location. The contractor shall also provide safety appliances for the staff in hazardous situations and as per safety measures by the client whenever required.
- 2.17 The contractor shall be responsible to adhering all specifications and regulations to this work. Including all concerned authorities specifications for the related work.
- 2.18 The contractor has to record all works carried out by them as instructed and it shall be signed by the Haya Water Staff-in charge on completion of the work. The contractor has to keep Omani staff as per local rules and deal with all Government authorities for obtaining permissions.
- 2.19 As far as possible the contractor shall carryout all contract work by his own employee. However in case if it is necessary to employ sub contractor, this has to be done after obtaining approval from Haya Water without any additional costs.
- 2.20 The sub contractor shall not be entitled for any additional payment for the work done by them; it shall be as part of the contract work.
- 2.21 Any damages to the other services shall be rectified by the contractor by the approved contractor of the concerned authorities and all expenses related to that work shall be paid by the contractor.
- 2.22 Haya Water shall have the right to impose penalty in case of any damage to the existing installation or equipment and shall have the right to deduct such amount from the contract amount.
- 2.23 The total payable amount to the contractor shall be as per the actual work carried out by them at site and as per the instructions issued by Haya Water and the unit rate quoted by them for each item.
- 2.24 Where work falls into the category of additional services, work shall not commence until authorized by issuing of a signed order by Haya Water.
- 2.25 All works and services shall conform to the requirements of the following:
 - A. All equipment and general cleaning materials used throughout the Contract shall be of an industrial type suitable for its specific duties.
 - B. All the fence supports shall be grouted firmly with concrete base support.
 - C. Redundant items that are to be removed under the scope of this work shall be disposed of by the Contractor to an approved landfill area with the approval of the Haya Water and the area shall be restored and made safe.
- 2.26 The Contractor guarantees that all works and repairs provided under this Contract shall be performed in a workmanlike manner. Any claim for defective workmanship shall be provided to the Contractor by a written notice upon which Contractor

- agrees to remedy and redo any such service(s) in a timely manner without cost to Haya Water.
- 2.27 The Contractor also warrants against defects in materials, and workmanship of all the Contractor materials, part(s) or component(s) supplied hereunder for a period of one year from date of completion.
 - 2.28 If any part(s) or component(s) should prove defective during the aforementioned warranty period, the Contractor will at its option repair or replace any such items provided they were not damaged, abused, or affected by chemical properties.
 - 2.29 The Contractor should ensure that materials exposed to atmosphere shall withstand the wear and tear of the climatic conditions prevalent in the Sultanate of Oman except for unforeseen abnormal climatic conditions.
 - 2.30 In case there is a necessity to work outside normal working hours or on holidays, due to emergency or nature of work, then the Contractor will carry out the works without additional costs to Haya Water and he shall inform the staff-in charge about such works well in advance in writing and obtain approval from Haya Water.

3.0 DESIGN CONSIDERATIONS

3.1 The fence:

- a. A rigid fence constructed from welded wire mesh.
- b. **High longevity:** galvanized materials used and standard of construction must be to a high specification to provide an effective barrier for a minimum of **25 years** without the need for ongoing maintenance.
- c. **Trespassers and animal pest proof:** exclude dogs, foxes and cats
- d. **Color:** the fence and the post must be grey.
- e. Total length of fencing approximately 1900 m and the minimum recommended height is minimum 2 m
- f. Must be recommended and ideal for a reserve area.

3.2 Wadi Areas: Two areas cross a wadi need to be effectively fenced. This will require additional engineering design to ensure that it is not damaged if the wadi floods.

- a. **Trespassers and animal pest proof:** exclude dogs, foxes and cats.
- b. Allow any flood in the wadi to flow without causing damage to the fence in future.
- c. The design should also consider how any flood debris that may accumulate against the fence can be removed without damaging the structure.
- d. **High longevity:** galvanized materials used and standard of construction must be to a high specification to provide an effective barrier for a minimum of **25 years** without the need for ongoing maintenance.
- e. The length of the first area is approximately 26m and the second area is approximately 24m.

3.3 Vehicle access gates:

- a. **3 Single swing gates:** adequate width for heavy truck to go through. Approximately to be around 4 meters.
- b. **1 double swing gate:** appropriate design for wetland entrance. Approximately 8 meters wide.
- c. **Trespassers and animal pest proof gates:** prevent dogs, foxes, cats.

- d. **High longevity:** galvanized materials used and standard of construction must be to a high specification to provide an effective barrier for a minimum of **25 years** without the need for ongoing maintenance.
- e. **Secure:** provide high safety standards.
- f. **Color:** grey

3.4 **General note:**

- a. The target pest animal species can be excluded through the design of the fence by selecting appropriate height, overhang, depth under the ground and mesh size. This will prevent the identified pest species from climbing over through or under the fence.

4.0 CONTRACT DURATION

- 4.1 The duration of this contract shall be for 90 calendar days from letter of award inclusive of 7 days mobilization period.