TENDER NOTICE

TENDER No. T/05/2011

SUPPLY OF CALCIUM HYPO CHLORIDE & POLY ALUMINIUM CHLORIDE

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

Office location:	OOSC Building, 2nd 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	22/02/2011 to 05/03/2011
Tender Fee:	RO: 52.000 (Rials Omani Fifty Two 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 Tuesday, 15/03/2011**

Sealed Tenders along with all required documents shall be placed in Haya Water tender box with the tender title written on the cover and without any identity of the Tenderer.

For more details refer to Tender Page of our website www.haya.com.om. or Email to: tender@haya.com.om

SCOPE OF WORK

1. INTRODUCTION

1.1. Oman Wastewater Services Company S.A.O.C herein after referred as Haya Water was formed in December 2002 to implement and operate the wastewater collection, treatment and effluent distribution system in the Governorate of Muscat.

1.2. Oman Wastewater Services Company S.A.O.C (Haya Water) intends to obligate the contract for supply of Chemical Calcium Hypo-chloride & Poly Aluminum for operational use in sewage treatment plants (STPs). The contractor shall fulfill HSE requirements, professionalism in execution of the work, high performance and document maintenance during the contract.

2. GENERAL REQUIREMENTS

2.1. The contractor must provide 6 month warranty period of all supplies of Calcium Hypo-chloride & Poly Aluminum from the date of receipt and shall provide the MSDS along with the materials supplied. (Materials Safety Data Sheet)

2.2. All Delivery costs shall be burned by the contractor till the materials reach Haya Water premises. Inclusive of vehicle, driver, custom duty, clearance, loading, transportation, unloading and other charges which are paid to deliver the materials to **Darsait STP or Al Ansab STP**, Muscat Sultanate of Oman.

2.3. The contractor must adhere and meet the necessary requirement for each and every delivery. The table below summarize provisional quantity which to be supplied by the contractor and shall **maintain sufficient stock** accordingly to respond to Haya Water requirements.

2.4. Ordering the chemicals shall be on a Call-off basis and the Contractor shall perform such Services in accordance with the contract terms and rates. The Call-off shall be affected within 72 hours from receiving of an official request.

2.5. At the time of delivery the contractor shall offload Calcium Hypo-chloride & Poly Aluminum with expert laborers and they shall wear proper PPE e.g. Coverall, Safety Shoes, Helmet with face shield & Hand Gloves.

2.6. The contractor shall provide the safety symbol (03 each) for Polymer Cationic transport, which necessary & recommended according to international standard as & when vehicle on road (Sign-Plate size 10” x 10”)

2.7. Haya Water reserves the right to reject delivered items if observed unacceptable due to but not limited to the following reasons:

a) Expired items
b) Damage due to transport or any other reasons.
c) Leaking.
d) Not as per the specifications.

Moreover, Haya Water might reject to accept a delivery if found that the contractor is not meeting HSE requirements.

2.8. Up on award of the contract, the contractor undertakes to commence the work within 2 weeks after the issue of the Letter of Award or to be mutually agreed in -kick off meeting based on requirements at STP.

2.9. Smooth operation is to be ensured by the contractor via supplying the required/awarded chemicals in time/or as and when required by Haya Water.

2.10. Haya Water will not be liable for or in respect of any damages or compensation payable in law in respect or in consequence of any accident or injury to and workman or other person in the employment of the contractor.

2.11. The Contractor shall attach the MSDS along with technical submission & the details of manufacturing unit, incomplete documents shall not be considered for further evaluation.

2.12. The Contactor Must supply chemicals along with test certificate analysis by an authorized laboratory along with manufacture date/Lot no & expire date.

2.13. The Contractor shall ensure that the materials are tagged with manufacture details, date, Lot no & expire date.

3. DURATION OF CONTRACT

3.1. The duration of this contract shall be for two years and subject to renewal for a third year upon a successful completion of the first two years at sole discretion of Haya Water.

4. SPECIFICATION

4.1. The Contractor shall supply items exactly as per Specification / Brand / Sample approved by the company. No deviation from the Approved Brand will be accepted.

1. SPECIFICATION FOR CALCIUM HYPOCHLORIDE (1DRUM=45KGS)

A. Granular available Chlorine: 65%
B. Chemical Family: Salt of hypochlorous Acid
C. Molecular Formula: Ca (OCL) 2
D. Physical State: Solid
E. Odour on Appearance: White flowing granular solid with a strong chlorine odour
F. Specific Gravity: 2.35 (20¢ªC)
G. pH (5% solution): 10.5 - 11.5

Physical Properties:-

H. Colour: White
I. Odour: Intense Chlorine Odour
J. Form: Solid
K. Bulk Density: 0.8 gm/cc
L. Heat of Solution: Slightly Exothermic

Chemical Analysis:-

M. Ca (CIO)2: 65 - 70%
N. Moisture: Max 10%
O. NaCI: Max 20%
P. Ca (OH)2: Max 3%
Q. CaCI2: Max 2%
R. CaCO3: Max 4%
S. Others: Max 1.5%

2. SPECIFICATION FOR CALCIUM HYPOCHLORIDE (1DRUM=45KGS)

A. PHYSICAL & CHEMICAL PROPERTIES
B. TYPE : GESCLEEN 1200P
C. APPEARANCE: LIGHT BLUE VISCOUS LIQUID
D. IRON CHARACTERISTIC : CATONIC
E. Sp.GRAVIT @ 25Ddeg : 1.160_+0.03
F. pH of the Product : 4.5+_2.0