

MAJIS INDUSTRIAL SERVICES SAOC (Majis)

P.O. Box No. 553, Falaj Al Qabail, Postal Code 322, Sultanate of Oman Tel No. 26852421 Fax No. 26852403 Email: Tender@miscoman.com (Office Location: Administration Building, Opposite Sohar Aluminium and Sohar Power co. at Sohar Industrial Port Area)

New Projects Under Tendering Stage

Majis Industrial Services SAOC (Majis) is a closely held joint stock company fully owned by the Government of Oman. Majis engaged in providing various water utility services at the Sohar Industrial Port Area and Sohar Free Zone Area.

.SI .No	Tender No.	Tender Description	Bids fees In R.O.	Last date for paying tender fees for Obtaining Tender Documents	Tender Distribution date	Last date for tender Submission
1.	MISC5/2019	Upgrade & Refurbishment Of Ro Desalination Plant At Sohar Industrial Port Area	100/-	36th May 2019	27th May 2019	18th June 2019
2.	MISCP69/2018	Supply and Delivery of 1.2 MLD Containerized Sewage Treatment Plant at Sohar Industrial Port area	150/-	Wednesday 9 th January 2019	Thursday 10 th January 2019	Tuesday 29 th January 2019
3.	MISCP65/2018	Installation of Rapid Gravity Filter (RGF)	1,250/-	Sunday 13 th January 2019	Tuesday 15 th January 2019	Tuesday 19 th February 2019

TENDER No. MISCP5/2019

UPGRADE & REFURBISHMENT OF RO DESALINATION PLANT

1- Invitation

Majis Industrial Services SAOC (MAJIS) is a closely held joint stock company owned by the Government of Oman. Majis is engaged in providing various water utility services at Sohar Industrial Port Area (SIPA), Sohar Free Zone (SFZ) and Sohar Industrial Estate (SIE). Majis' facilities provide Potable, Irrigation, Sewage, Effluent, Process and Cooling Water services to various Industries at SIPA, SFZ & SIE.

Majis has a Reverse Osmosis Desalination Plant located in Plot 21A at Sohar Port Area. The existing desalination plant has five (5) stream of membrane based desalination trains. Out of five trains, three (3) trains are having both SWRO and BWRO systems installed and producing potable water and process water having the each steam capacity of 10,000 m³/h SWRO and 4,500 m³/h BWRO respectively.

In order to meet increasing demands for process and potable water in SIPA; Majis intends to generate/produce the additional 4000 m³ /day process water in existing desalination plant by adding of BWRO system in trains 4 & 5.

Therefore, tenders are invited from excellent graded local construction companies which poses experience in executing water infrastructure projects locally.

2- Brief Description of Work

Due to increase in water demands in SIPA, SFZ & SIE, it is intended to produce an additional 4,000-m³ /day process water in existing desalination plant by adding of BWRO system in trains 4 & 5.

The scope of supply shall include study, design, Engineering, manufacture, procurement of materials and equipment, fabrication, testing, supply, transportation, delivery, installation and commissioning, site acceptance testing of BWRO plant including common system along with SCADA/PLC based Control & safe-guarding system and upgrade/refurbishment items and the product water line from "BOO plant- phase#2" to the existing potable water tank. In addition, scope of build & design of new product water line and re-routing existing product water line from "BOO plant " to the existing potable water tank.

Therefore, Majis is inviting specialised companies to visit the site and asses the actual condition of the existing desalination BWRO plant and confirm the scope before the offer submission. Vendor to provide justification for the items recommended for replacement in complete BWRO plant.

3- Brief Scope of Work

The scope includes the following:

- 3.1 The work comprise a complete working system for the new product water line from “BOO plant-phase#2” to the existing potable water tank. The Vendor shall be design the pipeline to accomadate 6 MLD product water from the BOO plant. This includes the study, engineering, procurement and construction (EPC) and placing the system into sustainable operation of potable water transmission to existing potable water tank.
- 3.2 The work comprise a complete working system for the re-routing of existing product water line of 250 mm diameter from “Existing BOO plant” to existing potable water tank shall be re-routed. Contractor shall assess integrity of existing HDPE buried pipeline before rerouting.
- 3.3 The Vendor shall design & build the BWRO plant shall include study of existing plant, design, manufacture, supply, installation & commissioning
- 3.4 The below scheme need to be implemented in the units 4 & 5. The concept is both Potable and process water need to be produced in both units as follows:
 - 3.4.1 The equipment and instruments available in the existing trains 4 & 5 BWRO system.
 - 3.4.2 Modification / Addition/ Upgradation of the existing common Potable, Process and reject water header are in the Vendor scope.
 - 3.4.3 Complete BWRO plant piping system, Pipe supports and associated civil/structural works, including pipe racks, trestles, trenches, chemical dosing & chemical cleaning system etc., as required including all temporary frames for transport and erection.

4- Tendering Timetable

The tendering and contract award program is as follows:

Final Date for Tender documents collection and fees payment	26 th May 2019
Site Visit Date	29 th May 2019
Final Date for Tender Submission	20 June 2019
Contract Award	7 th July 2019

The tendering procedure consists of a one stage bidding process in which technical and financial bids will be invited in one envelope.

60% of evaluation scores are for technical evaluation and the remaining 40% for financial evaluation.

5- Form of Agreement

The Agreement shall, in general, be governed by FIDIC Conditions of Contract for Plant & Design-Build, First Edition 1999, unless otherwise amended.

7- Time Period

The time for completion of the works is a crucial aspect of this project and the Contractor shall design, construct, install, test and commission the works associated with in **six (6) months, 180 days** from the work order including 14 days for the contractor mobilization.

Tender No. MISCP69/2018:

1.2 MLD CONTAINERIZED SEWAGE TREATMENT PLANT

1. Invitation

Majis Industrial Services SAOC (MAJIS) is a closely held joint stock company owned by the Government of Oman. Majis is engaged in providing various water utility services at Sohar Industrial Port Area (SIPA). Majis facilities to treat Domestic by tankers and Industrial Sewage treatment through pipeline network services to various Industries at SIPA&SFZ.

2. Scope of Work

Majis has the exclusive right to treat domestic and industrial sewage water received from all customers by network and tankers discharges in Sohar Industrial Port Area (SIPA) and Sohar Free Zone (SFZ).

Majis wish to increase plant capacity at shortest time with intention to install 1.2 MLD of Containerized Sewage treatment plant in existing Sewage Treatment plant at SIPA.

Supply, testing & commissioning of:

- 1.1 Robust pre-treatment units of 1.2MLD with 200m³ balancing tank
- 1.2 Supply, test and commission a 1.2MLD of Containerized sewage treatment plant with robust technologies to treat domestic and industrial sewage. Containerized treatment plant shall be 200m³ capacity of each unit. During installation required vendor/manufacture supervision.
- 1.3 Treatment plant shall be plug and ready to use. The system ready to move anywhere based on client requirements.
- 1.4 Containerized plant shall have flanged connection at inlet and outlet.
- 1.5 Sludge and dewatering system up to 16%
- 1.6 Containerized plant shall be fitted with necessary instruments for controls
- 1.7 Containerized plant shall have inbuilt electrical distribution board and RTU control system (Siemens or Schneider) with GSM modem to communicate with Majis Master SCADA system. Integration works shall be done others
- 1.8 Inlet quality of Sewage parameter – refer Annexure-A
- 1.9 Final Treated water quality parameter – refer Annexure-B

3.2 The work includes but not limited to the following:

- 1.10 Containerized plant shall be deliver up-to Sohar port (Sultanate of Oman) DDP price included with vendor scope;

- 1.11 Supplied containerized unit shall be tested and commissioned by vendor
- 1.12 Vendor to provide Civil foundation **drawings and details**, Mechanical piping connection arrangement details and electrical load requirement of plant
- 1.13 Testing and Commissioning; consumable and chemical is part of vendor scope
- 1.14 Treated water quality shall be tested through third party lab to confirm as per client requirements

2.1 Eligibility and qualifications

The Tenderer shall provide sufficient documentary evidences to satisfy the following conditions that the tenderer:

Pre-Qualification criteria:

- a) Minimum 5years experience in Containerized sewage treatment plant business
- b) Minimum 3 GCC reference in Supplied containerized plant (capacity Minimum 1MLD)
- c) Local service support by company or local partners for service supports

The documents related to Pre-Qualification should be submitted and the envelope shall be superscribed as "pre-qualification criteria".

MAJIS intends to select only serious Bidders for entering into an Agreement with MAJIS. Accordingly, the Bidders shall ensure that, sufficient information is provided to enable MAJIS to make judgments about their suitability and in assessing the Proposals submitted. The Bidders are requested to submit both Pre-Qualification, Technical and Financial Proposal in separate and sealed covers on or before the Due Date.

3. Tendering Timetable

The tendering and contract award program is as follows:

- Fees payment last date 9th January 2019
- Final Date for Tender documents collection 10th January 2019
- Final Date for Tender Submission 29th January 2019
- Contract Award 12th February 2019
- Contract Completion Date 28th May 2019

The bid shall be evaluated in single stage; the Technical proposal and Financial will be opened and evaluated. After the evaluation of the technical & Financial proposals whoever achieves the highest combined score will be eligible for the award of project, provided the eligible contractor has minimum technical score of 75% from the 60 points for technical bid. Any tender received after the time and date fixed for submission of tender will be rejected.

4. Form of Agreement

The contract type is measured contract and the contract will be executed in accordance with STANDARD DOCUMENTS FOR ELECTRICAL AND MECHANICAL WORKS (INCLUDING ERECTION ON SITE) First Edition April 1987

5. Time Period

The contract will include:

105 days from the date of work order to Supply the Containerized plant upto Majis- Sohar port (sultanate of Oman)

Early delivery of the containerized plant is acceptable by Majis

Defect liability period is 1 year from the date of successful commission.

TENDER No. MISCP65/2018

Installation of Rapid Gravity Filter (RGF) at Majis' RO Plants Plot

1. Invitation

Majis Industrial Services SAOC (MAJIS) is a closely held joint stock company owned by the Government of Oman. Majis is engaged in providing various water utility services at Sohar Industrial Port Area (SIPA) and Sohar Free Zone (SFZ). Majis' facilities provide Potable, Irrigation, Sewage, Effluent, Process and Cooling Water services to various Industries at SIPA. Also, it provides process, potable and sewage water services for SFZ.

In order to meet increasing demands for process and potable water in SFZ as well as handling sea water quality problems such as algal blooms; Majis intends to execute a project for designing, procuring and constructing 85 MLD Rapid Gravity Filter System for its Reverse Osmosis Plants in Sohar Industrial Port Area with associated services and utilities.

Therefore, tenders are invited from Excellent Grade contractors which poses experience in executing similar projects.

2. Brief Description of Work

Majis has the exclusive right to supply all water services in Sohar Industrial Port Area (SIPA) and Sohar Free Zone (SFZ).

Currently, Majis Majis has been suffering severely from the Harmful Algal Blooms attacks which has continue to occur on yearly basis causing almost full shutdown to the production units.

After deep investigation and involvement of expert in the field, Majis has been recommended to install a conventional pre-treatment upstream of the desalination plants in order to ensure limited intrusion of unwanted particles to the processing units. This system is selected to be the Rapid Gravity Filtration.

Therefore, Majis is inviting specialised companies having relevant experience to submit their offers for design, supply, installation, testing, of Rapid Gravity Filter with associated accessories at Majis' RO Plants Plot.

3. Brief Description of Scope

The scope includes the following:

- Preparation of the conceptual design
- Construction of the Concrete Retaining Structure
- Supply and installation of Rapid Gravity Filter Medium
- Supply and installation of Rapid Gravity Filter Cleaning System
- Supply and installation of electrical including existing 6.6 Kv panels upgrade
- Supply and installation of I&C and mechanical system
- Supply and installation chemicals storage facilities
- Supply and installation of the sludge/waste disposal system
- Testing and commissioning of the complete Rapid Gravity Filter System
- Integration of Rapid Gravity Filter with existing Majis RO plant, BOO Contractors' RO plants.

Provision for connecting Rapid Gravity Filter with future Majis' RO plant

4. Minimum Eligibility Criteria

Tenderer shall meet the following minimum qualifying criteria.

The following criteria (a, b, c & d) will be used as the criteria for screening the Tenders (stage 1 of technical evaluation). Failure to comply with these four criteria will result in rejection of the Tender, and the Tender will not be considered further for stage 2 of technical evaluation.

- a. An average annual turnover (defined as billing for Works in progress and completed) over the last three years (year 2015, 2016 and 2017) shall be at least RO 3 million.
- b. Previous experience of handling projects of contract value exceeding OMR 2 millions

in the past three years in Gulf Cooperation Council Countries (GCC)

- c. The financial standing of the Tenderer: Cash and cash equivalent including net trade receivable = 0.8 Trade payables.
- d. The net worth of the bidder must be more than OMR 1 million based on the audited financial statement for the last three years,
- e. Previous experience of design, supply, construction, testing and commissioning 3 numbers of Rapid Gravity Filter pre-treatment systems for seawater desalination plants of minimum 20 MLD capacity in the past 5 years in Gulf Cooperation Council of following minimum size of the components:

- i. RGF of 20MLD capacity in one project

ii. One (1) RCC storage reservoir of capacity = 3,000 m³ in one project

f. Quality and HSE requirements: The Tenderer shall have the following certified systems or equivalent:

i. Quality Management System: ISO 9001 series

ii. Health Management System: ISO 18001

iii. Environmental Management System: ISO 14001

A Tender submitted by a joint venture of two or more firms shall comply with the following requirements, as Pass or Fail criteria for screening (stage 1 of technical evaluation):

g. All partners shall collectively satisfy 100 per cent of the requirements (a) and (b) stated in above;

h. The Joint Venture shall satisfy 100 per cent of the requirements (c) stated above with the Lead Partner to satisfy 100 per cent of at least one component under criteria (e) stated in above;

i. Each Partner shall satisfy 100 per cent of the requirements (f) stated above;

j. The Tender shall include a pro-forma of the joint venture agreement which will state, inter alia, that all partners shall be liable jointly and severally for the execution of the Contract

Subcontractors` experience and resources shall not be taken into account in determining the Tenderer`s compliance with the qualifying criteria.

Tenders that meet the minimum qualifying criteria (above) only will be consider to the Stage 2 of the technical and financial evaluation.

5. Tendering Timetable

The tendering and contract award program is as follows:

· **Last date for paying tender fees for Obtaining Tender Documents:** *Sunday 13th January 2019*

Tender Distribution date: Tuesday 15h January 2019

· Site Visit Date Monday 21st January 2019

· Final Date for Tender Submission : Tuesday 19th February 2019

· Contract Award Tuesday 5th March 2019

· Contract Completion Date Sunday 3rd May 2020

The bids shall be evaluated in two stages using two envelopes system. After the evaluation of the technical proposals whoever pass the cut off point, their financial offers will be opened and the lowest bidder will be awarded accordingly. Any tender received after the time and date fixed for submission of tender will be rejected.

4. Form of Agreement

The Agreement shall, in general, be governed by FIDIC Yellow Book, First Edition 1999, unless otherwise amended.

5. Time Period

The contract will include:

- Mobilization period 30 calendar days from the work order.
- Contract Completion Period: 365 days construction & commissioning + 30 calendar for trial operation followed by 1 year - Operation & Maintenance Period