



Barka Water and Power Company

Sale and Removal of Two SWRO Plants

Tender Document

July 2026

This Tender Document is issued to the prospective Bidder for the specific purposes connected to the Tender only.

It should not be relied upon by any other party or used for any other purpose, BWPC accept no responsibility for the consequences of this document being relied upon by any other party or being used for any other purpose.

CONTENT

1. INTRODUCTION.....	1
2. SALIENT FEATURES OF THE SWROS	4
3. SALE PROCESS.....	7
4. INSTRUCTION TO BIDDERS.....	9
5. SCOPE OF SALE	15
6. HEALTH, SAFETY AND ENVIRONMENT	18
APPENDIX 1 FORM OF CONFIDENTIALITY AGREEMENT	19
APPENDIX 2 FORM OF BID LETTER.....	20
APPENDIX 3 FORM OF BANK COMMITMENT LETTER	21
APPENDIX 4 SCHEDULE OF SITE VISIT	22
APPENDIX 5 ELECTRONIC DATA IN VDR	23

1. INTRODUCTION

Barka Water and Power Company SAOG (**BWPC**) is an Omani public joint stock company that operates the Barka 1 Power and Desalination Plant (the “**Barka 1 Plant**”) located in the Barka region, Oman. It caters to the nation’s vital requirements of power and water through various long term purchase agreements with the government off-taker.

The different facilities of the Barka 1 Plant and Commercial Operation Date (and cessation of operation), includes:

- a. Main Plant which consists of 427 MWh gas fired power generation facility & 20 MIGD Multi-Stage Flash Distillation (**MSF**) water facility (**Main Plant**), commenced its commercial operations on 11 June 2003 and currently remains under commercial operation.
- b. Sea Water Reverse Osmosis Expansion Phase I Plant of 10 MIGD (**SWRO-1**) commenced its commercial operations on 29th May 2014 pursuant to a Water Purchase Agreement (WPA) which expired on 29th September 2024. The SWRO-1 plant has ceased commercial operation since this date.
- c. Sea Water Reverse Osmosis Expansion – Phase II Plant of 12.5 MIGD (SWRO 2) which commenced its commercial operations on 26th February 2016 pursuant to a Water Purchase Agreement (WPA) which expired on 29th September 2024. The SWRO-2 plant has ceased commercial since this date.

The SWRO Plants were constructed pursuant to the terms and requirements of the WPAs, and BWPC contracted with international EPCs under contracts that required a design life of thirty (30) years (SWRO-1) and twenty-five (25) years (SWRO-2), to meet the urgent national needs for desalination capacity, with relatively short terms for the off-take agreements (WPAs). As Oman has now constructed additional desalination capacity, the off-taker has decided that it will not renew the SWRO’s WPAs. BWPC has accordingly sought, and obtained, confirmation from regulatory authorities that it may dispose of the SWRO Plants.

The Barka 1 Plant has been operated and maintained by First National Company for Operation & Maintenance Services LLC (**NOMAC**).

BWPC issues this public tender for the sale of the two existing Sea Water Reverse Osmosis plants (SWRO-1 and SWRO-2) that have ceased operation on an *As Is* basis and invites interested parties to submit bids in accordance with the terms of this Tender.

Both SWRO-1 and SWRO-2 were operational for less than 50% of the planned design life while being operated and maintained by NOMAC.

Since both SWROs are of modular design with minimal interface with the Main Plant, they offer a good opportunity to be re-used for similar desalination operations. While no warranty is provided, the SWROs are offered with design drawings and operation manuals and bidders may assess if the units can be dismantled and re-installed in a very short period to cater to desalination requirements.

Successful bidders will be required to dismantle and remove the SWROs and remediate the site (being the location of the SWRO Plants and all ingress and egress within, from and to, the Barka 1 Plant, the “**Site**”), all at their own cost, as set out in Section 5, below.

The location of both SWROs next to the Main Plant in the Barka 1 Plant complex are as shown below:



Google Location Map: <https://maps.app.goo.gl/A9zuh8SZ9oqTAhjb9>

1.1 Document Objective

The objective of the document is to describe the assets of the two SWRO plants and their conditions for the bidders to assess the plants and bid suitably for disconnecting, dismantling, removal and transporting the two SWROs out of the premises.

1.2 Abbreviations

BWPC	Barka Water & Power Company SAOG
EPC	Engineering, Procurement & Construction contractor
ERD	Energy Recovery Device
NOMAC	First National Company for Operation & Maintenance Services LLC
OEM	Original Equipment Manufacturer
PW	Product Water
SWRO	Seawater Reverse Osmosis
VDR	Virtual Data Room
VFD	Variable Frequency Drive

1.3 Contents of this Document

No.	Document
Main Document	Sale and Removal of Two SWRO Plants – Tender Document
Appendix 1	Form of Confidentiality Agreement
Appendix 2	Form of Bid Letter
Appendix 3	Form of Bank Commitment Letter
Appendix 4	Schedule of Site Visit
Appendix 5	Electronic Data in VDR (Provided following the Qualification of Bidders)

2. SALIENT FEATURES OF THE SWROs

Description	SWRO-1	SWRO-2
Desalination Capacity (m ³ /day)	45,500	57,000
Design life in years	30	25
Commissioning date	29 th May 2014	26 th February 2016
Last operation date	29 th September 2024	29 th September 2024
Years in Operation	10	8
EPC	Abeinsa, Spain	Osmoflo, Australia
Number of RO trains	3	5
Other systems	Feed water system Chemical Dosing system Strainer filtering system Ultrafiltration system Cartridge filters 2 pass RO system Energy Recovery System Remineralization system HVAC system Electrical power supply system DCS Control system Online quality check system	Feed water system Chemical Dosing system Strainer filtering system Ultrafiltration system Cartridge filters 2 pass RO system Energy Recovery System Remineralization system HVAC system Electrical power supply system DCS Control system Online quality check system

2.1 System Description

System description	SWRO-1	SWRO-2
Feed water system	3+1 pumps (1746 m ³ /h)	2+1 pumps (3150 m ³ /h)
Chemical Dosing system	Ferric Chloride - 3 pumps + 2 GRP tanks Sulphuric Acid - 3 pumps + 2 CS tanks Sodium Hypochlorite - 2 pumps + 2 GRP tanks Sodium Hydroxide - 2 pumps + 2 CS tanks, Sodium Meta-Bi-Sulphite - 3 pumps + 2 tanks Anti-scalant - 3 pumps + 4 tanks 2 x Sodium Hydroxide - 3 pumps	Sulphuric Acid – 4+4 pumps Sodium Hypochlorite – 4+3 pumps Sodium Hydroxide – 5+5 pumps Sodium Meta-Bi-Sulphite – 8+5 pumps Anti-scalant – 3+3 pumps
Strainer filtering system	2+1 units (3000 m ³ /h)	3+1 units (2090 m ³ /h)
Filtration system	Ultrafiltration system - 8 skids with Backwash system	14 skids (modular type with Microfiltration membranes) with Backwash system
Cartridge filters	3 units with cartridges	
2 pass RO system	3 HP pumps (720 m ³ /h) 3 Booster pumps (910 m ³ /h) – First pass 3 Booster pumps (702 m ³ /h) – Second pass 3 RO Racks (15,180 m ³ /day/rack). Pressure vessels (PV)/rack -149 (1 st pass) + 67 (2 nd pass) Membranes/vessel - 447 (1 st pass) + 201 (2 nd pass) Membranes/rack - 1043 (1 st pass) + 467 (2 nd pass) Chemical cleaning & flushing system - 2 pumps + 2 tanks 39 Energy Recovery Devices (13 ERD/ rack)	5 HP pumps (513 m ³ /h) 5 Booster pumps (634 m ³ /h) – First pass 1+1 Booster pumps (476 m ³ /h) – Second pass 5 RO Racks (15,180 m ³ /day/rack). Pressure vessels (PV)/rack -147 Membranes/vessel - 7 Chemical cleaning & flushing system 5 Energy Recovery System (ERS)

Remineralization system	CO ₂ injection system (including generation) Ca(OH) ₂ injection system NaF dosing system	CO ₂ injection system (externally procured and stored) Ca(OH) ₂ injection system NaF dosing system
HVAC system	Split ACs for Control Room	Split ACs for Control Room
Electrical power system	Voltage systems - 11 KV, 690V & 415V Power Cables, Switchgears & Protection system Step Down Transformers VFDs, soft starters Capacitor banks DC power supply & Uninterruptible Power Supply (UPS) Control cables Earthing grid & Lightning protection	Voltage systems - 11 KV & 415V Power Cables, Switchgears & Protection system Step Down Transformers VFDs, soft starters Capacitor banks DC power supply & Uninterruptible Power Supply (UPS) Control cables Earthing grid & Lightning protection
DG set	Yes	Yes
DCS Control system	Yes (Automatic plant control)	Yes (Automatic plant control)
Product water delivery	Pipeline upto delivery point	2+1 pumps (1184 m ³ /h) + 1 tank (528 m ³)
Tanker filling station (outside the plot boundary)	Not applicable	2 storage tanks with 2 filling points
Auxiliary services	Service water network for site cleaning & toilets	Service water network for site cleaning & toilets
Fire Alarm & Fighting system	Yes	Yes

3. SALE PROCESS

- 3.1 The prospective bidder must enter into a confidentiality agreement, substantially in the form as attached as Appendix 1 to this Tender and meet the pre-qualification requirements of paragraph 4.1. An entity that meets these requirements shall be a “Bidder” for the purposes of this document.
- 3.2 Subject to being prequalified and the execution of the confidentiality agreement, Parties will be provided with the technical information and electronic access to the information contained in Electronic Data for both SWRO plants (the VDR) and the proposed form of contract and other documents pertaining to the sale of the SWRO Plants.
- 3.3 Bidders are advised to carefully read these instructions prior to preparation of their Bid Submission. Failure to submit the information required will be sufficient cause for rejection of the bid, at the sole discretion of the BWPC.
- 3.4 Bidders will not be reimbursed for any cost incurred in the preparation and submission of their bids.
- 3.5 When submitting their bid, bidders must:
 - a. confirm that the bid encompasses all the services set out in Section 5, and all necessary and ancillary services to complete the objective of the BWPC to sell the two SWRO Plants and is based on the bidders own assessment of the technical information contained this document and the VDR, and
 - b. complete the Form of Bid letter and provide the Bank Commitment letter (Appendices 2 and 3) as set out in Section 4.
- 3.6 Bidders may submit written requests for clarification on the scope of work and services. The request and BWPC’s response will be shared with all bidders.
- 3.7 All correspondence and bids should be submitted to BWPC by email to the dedicated mailbox (swro.sale@barkaone.com) and copy Mrs Abeer Salim, via her email (asalim@acwapower.com) and Mr. Salim Sibani via his email (salim.sibani@acwapower.com).
- 3.8 BWPC reserves the right to accept or reject any bid, on any basis, and to amend or omit the scope of work and services in respect of the dismantling and removal of the SWRO.

3.9 Tender Timeline

<i>Name of the Project</i>	Sale and Removal of Two SWRO Desalination Plants located at Barka, Sultanate of Oman
<i>Issue of tender document</i>	7 th July 2026
<i>Last date for submission of Confidentiality and Prequalification documents (4.1, below)</i>	30 th July 2026
<i>Site Visits</i>	2 nd - 6 th August 2026
<i>Last date for submission of pre-bid queries</i>	15 th August 2026
<i>Bid submission</i>	Electronic submission via an email to (swro.sale@barkaone.com) no later than 11:00 am 31 st August 2026
<i>Sale Award</i>	24 th September 2026

4. INSTRUCTION TO BIDDERS

4.1 Eligibility and Qualification

This sale process is made public and open to all interested parties who submit the following information no later than 30th July 2026:

- Executed Confidentiality Agreement (Appendix 1)
- Company Commercial Registration
- Company Profile illustrating experience in dismantling and removal of industrial plants, or associated with a local construction service firm
- Assurance of financial capacity to conclude the sale by submission of local bank reference letter.

BWPC will advise interested parties that meet the Qualification requirements. Such notification shall not be construed as acceptance of any assertions in respect of technical and financial capacity and does not constitute acceptance of the party's bid.

On qualification, interested parties will be provided access to the VDR and other relevant documentation, such as the form of Contract for the Sale of the SWRO's, which including dismantling and removal of the purchased Plant.

BWPC prides itself on its safety record and bidders are required to provide a comprehensive safety plan with their tenders.

4.2 Site Inspection

The Bidder is advised to visit the Site and examine the SWRO Plant(s) and its surroundings, as the successful party will be required to dismantle and remove the SWRO Plant(s), and obtain for himself, at his own expense and responsibility, all information necessary for preparing the Bid and entering into the contract for sale and removal of the SWRO Plant(s).

Bidder's representatives must be equipped with necessary PPE prior to site visit and an HSE induction will be conducted by BWPC / NOMAC before the representatives will be allowed to visit the site.

4.3 Bidder's Liability during Site Inspection

Persons, firms or companies proposing to submit bids under the Tender and any of their servants or agents will be granted permission by BWPC / NOMAC to enter upon his premises and lands for the purpose of inspection in connection with the proposed Bid, but only on condition that such persons, firms or companies will release and indemnify the BWPC / NOMAC and their servants and agents, from and against all liability in respect of, and will be responsible for, personal injury (whether fatal or otherwise), loss of or damage to property and any other loss, damage, costs and expenses however caused (whether by any act or neglect of the BWPC / NOMAC or his servants or agents or not), which, but for the exercise of such permission would not have arisen.

All bidders shall abide by the HSE regulations during the Site Inspections. All persons attending the site inspection will first participate in a Safety Induction conducted by BWPC / NOMAC staff and will bring their own Personal Protection Equipment, comprising safety boots, helmet, high visibility jacket and safety glasses

4.4 Contents of Tender Documents

The documents issued for the purposes of Tendering, hereinafter referred to as the "Tender Documents", are as follows:

S. No	Description	Nr of copies issued
(i)	Tender Document and Appendices as listed in Section 1.3, above.	1 document
(ii)	Post-Qualification Issue: Form of Contract of Sale, Purchase and dismantling, and other documents to be advised.	1 document
(iii)	SWRO-1 Documents	VDR
(iv)	SWRO-2 Documents	VDR
(v)	Clarifications and other documents, if any	1 document

The Bidder shall examine and read the tender documents, including all Virtual Data Room documents, instructions, forms, contract terms and specifications and satisfy himself as to the risks, obligations and responsibilities to be undertaken in the Contract. The Bidder shall acquaint himself with the conditions of the Contract, the laws of the Sultanate of Oman, the Site and layout of the Plant to be dismantled.

It is the Bidder's sole responsibility to obtain reliable information in respect of the SWRO Plant(s), the Site, or the technical scope required to dismantle and remove the Plant(s) from the Site, and all matters in respect of completing the sale and transfer of title to the Plant.

The SRWO Plants are offered on an As-Is basis and BWPC offers no warranty as to the SWRO Plant(s), their fitness for any intended purpose, their state or capacity, and any requirements in respect of dismantling, removal and transport from the Site.

No claims whatsoever for any expenses or matter howsoever arising or connected to the Tender, including but not limited to a lack or misunderstanding of information provided under this Tender, and the Bidder acknowledges the submission of a bid constitutes a waiver of any rights in this regard.

4.5 Bid Validity

The sale offer price shall remain valid for acceptance for ninety (30) days from the date fixed for submission of bids.

BWPC reserves the right to ask Bidder for extension of the validity of his Bid and Bid Bond without any change in the prices of the Bid. The Bidder may refuse to extend the validity of his Bid without forfeiting his Bid Bond. BWPC shall not entertain any variation due to any currency fluctuation for the submitted Bid during its validity period.

4.6 Bid Bond

Following receipt of compliant bids in accordance with this Tender, BWPC may require that Bidders provide a Bid Bond in the Form of Bid Bond to be provided to the Bidder. The Bid Bond shall be issued from an approved Bank located and registered in the Sultanate of Oman for an amount of not less than one percent (1 %) of the Bid Value. If the Bidder submit an alternative Bid, the one percent (1%) Tender Bond shall be calculated based on the highest Bid Value.

The Bid Bond shall be delivered with three (3) business days of the request, and remain valid for 90 days from the date of delivery to BWPC and will, in the case of unsuccessful Bidders, be returned at such earlier time as a Bidder whose Tender has been accepted by BWP shall have provided a satisfactory Performance Bond.

Any Bid not accompanied by an acceptable Bid Bond once requested by BWPC shall be rejected.

The Bid Bond may be forfeited:

- (a) if a Bidder withdraws its Tender following the submission of the Bid Bond during the period of Tender validity, or
- (b) in the case of a successful Bidder, if the Bidder:
 - (i) fails to sign the Contract agreement;
 - (ii) fails to furnish the required Performance Bond within the time limits specified; or
 - (iii) fails or refuses to accept the correction of arithmetic errors.

4.7 Submission Of Bids

The Bidder must submit a Bid as per below preferred option:

Option A	Purchase of both SWRO-1 and SWRO-2 plants
Option B	Purchase of SWRO-1 plant
Option C	Purchase of SWRO-2 plant

Bidder have the option to quote their price either with removal of structural sheds & concrete foundations / structures / buildings and site clearance (Option 1) or without their removal (Option 2). For the avoidance of doubt, the Bid must always include the dismantling and removal of the SWRO Plants.

The Bidder must clearly indicate their option and the scope of their bid, for example:

- Option A.1 – Bid for Both SWRO with dismantling and removal of Plant and removal of structural sheds and concrete foundations / structures / buildings.
- Option C.2 – Bid for SWRO-2 Plant with dismantling and removal of Plant only.

In addition to the Bidder's primary Bid, the Bidder may submit an alternative Bid or Bids for different options (A – C). The primary Bid and alternatives must be clearly marked. If not marked, BWPC shall designate the primary and alternative Bids at its sole discretion.

a. By email with all documents to (swro.sale@barkaone.com) and copy Mrs Abeer Salim, via her email (asalim@acwapower.com) and Mr. Salim Sibani via his email (salim.sibani@acwapower.com).

BWPC may, at its discretion, extend the deadline for submission of Bids by amending the Tender Documents. In such case, all rights and obligations of BWPC and Bidder previously subject to the deadline will thereafter be subject to the deadline extended.

Any Bid received by BWPC after the deadline or extended deadline for submission of Bids prescribed by the Tender Documents will be rejected irrespective of the cause of the delay.

4.8 Governing Laws and Compliance with Labor Regulations and Codes

The Bidder shall conform to the Laws of the Sultanate of Oman. The laws in the Sultanate of Oman now in force or which may be made from time to time during the period of the Contract shall be the governing laws.

4.9 Modification and withdrawal of Bid

The Bidder may modify or withdraw his Bid before the Bid submission due date, provided that written notice of the modification or withdrawal is received by BWPC prior to the deadline fixed for submission of Bids.

The Bidder's modification or notice of withdrawal shall be sent by email but followed by a signed confirmation copy, post marked not later than the deadline for submission of Bid. No Bid may be modified subsequent to the deadline for submission of Bid.

No Bid may be withdrawn in the interval between the submission of the Bid Bond and the period of Bid validity specified in the Tender Documents. Withdrawal of a Bid during this interval shall result in the forfeiture of Bidder's Bid Bond.

4.10 Clarification of Bids

To assist in the examination, evaluation, and comparison of Bids, BWPC may, at its discretion, asks any Bidder for clarification of its Bid, including breakdowns of its prices. Such clarification may be requested at any stage up to the contract award decision. Requests for clarification and the responses shall be in writing and no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by BWPC during evaluation of the Bids.

Post Bid clarifications do not constitute intent to award or award of the Contract. However, in the event that the Bid is accepted Post Bid Clarifications and their related answers will form part of any subsequent Contract as part of the applicable Contract Documents stated herein.

4.11 Evaluation of Bids

BWPC will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.

Prior to the detailed evaluation, BWPC will determine the substantial responsiveness of each Bid to the Tender Documents. A substantially responsive Bid is one, which conforms to all the terms and conditions of the Tender Documents without material deviations. BWPC's determination of a Tender's responsiveness is to be based on the contents of the Tender itself without recourse to extrinsic evidence.

A Bid determined as substantially non-responsive will be rejected by BWPC and cannot subsequently be made responsive by the Bidder.

The Technical Proposal will be evaluated on the following criteria:

- a) HSE plan for the removal process
- b) Procedure for the removal covering isolation, lifting, and proposed site team / contractor to restore the area to ground level.
- c) Proposed methodology, plant and equipment, proposed labour force and capabilities of sub-contractors if any.
- d) Qualification and experience of the key supervisory staff.

In evaluating the Financial Proposal, BWPC will determine for each Bid the evaluated Bid price.

BWPC reserves the right to accept or reject any variation, deviation, or alternative offer, which is not submitted in accordance with the Tender Documents. Variations, deviations, alternative offers, and other factors that are in excess of the requirements of the Tender Documents or otherwise result in unsolicited benefits for BWPC shall not be taken into account in Bid evaluation.

Any effort by the Bidder to influence BWPC in the process of examination, clarification, evaluation and comparison of Bid, and in decisions concerning award of Contract, may result in the rejection of the Bidder's Bid.

4.12 Award of Contract

While BWPC may invite the Bidder to discuss and /or clarify the Bid, no such invitation or discussion shall in any way be construed as a commitment on the part of BWPC to award the Contract.

4.13 Award Criteria

Subject to the evaluation process, BWPC will award the Contract to the Bidder whose offer is commercially and technically acceptable as per the tender scope / terms.

4.14 Notification of award

Prior to expiration of the period of Bid validity BWPC will notify the successful Bidder by email, confirmed by registered letter, that its Bid has been accepted and is binding on the Bidder.

4.15 Formal Contract and Performance Security

The successful Bidder will be required to enter into a Contract for the Sale and Purchase, including dismantling and removal of the Plant, substantially in the form of Contract that will be issued to interested parties post qualification.

4.16 Government Permits

The successful Bidder shall be required to obtain all necessary Government permits in connection with the sale of the SWRO Plant(s), if any, and in respect of dismantling and removal of the Plants from the Site, and pay all changes and fees in connection thereto.

4.17 Currency of Contract

The currency of the Contract will be the Rial Omani.

5. SCOPE OF SALE

- 5.1 Sale and purchase of the SWRO Plant. The SWRO plant is defined as the plant between the tie in points defined in clause 5.3.
- 5.2 Sale process is inclusive of all process equipment, associated piping, electrical & instrumentation items, spare parts related for both SWRO plants between the isolation points including the control rooms.
- 5.3 The successful bidder shall perform the following activities while fulfilling the BWPC HSE standards.
 - 5.3.1 Disconnect the power supply feeding power to SWRO-1 & SWRO-2 by removing the cable terminations from the feeder panels and suitably insulate the removed cable ends. SLDs are attached in the VDR.
 - 5.3.2 Disconnect the Sea water supply pipelines feeding sea water to SWRO-1 & SWRO-2 and blind the pipe ends retained in position. Piping drawings are attached in the VDR.
 - 5.3.3 Disconnect the Product water supply pipelines of SWRO-1 & SWRO-2 feeding to OPWP reservoirs and blind the pipe ends retained in position. Piping drawings are attached in the VDR.
 - 5.3.4 Disconnect the Product water supply to Auxiliary units like Main plant offices and blind the piping retained in position.
- 5.4 After the isolation of items listed above 5.3.1 to 5.3.4.
 - a. The underground utilities like cables, pipes shall be removed ONLY from the area on the east of the asphalt road (marked in the red rectangles in plant picture).
 - b. The above ground utilities in the downstream of the tie in points on the west side of the asphalt road shall be removed.
 - c. All above ground utilities and assets shall be removed.
- 5.5 The fencing/ boundary wall shall not be dismantled and retained as they are.
- 5.6 All pipe ends left behind after isolation/ dismantling shall be blinded suitable
- 5.7 All cable ends left behind after isolation/ dismantling shall be insulated suitably.
- 5.8 All concrete members shall be removed below the Finished Ground Level.
- 5.9 The entire area shall be backfilled, if required, and levelled to uniform level.
- 5.10 A plan shall be submitted to ensure the dismantling activities do not hamper the ongoing operation of the Main power plant including, but not limiting to the barrication, dust control,

traffic movement or as requested by BWPC.

5.11 The Bidder shall provide a proposed schedule for Dismantling and Removal Works.

5.12 Important files, available in the VDR, are listed below –

	SWRO-1 (File name in VDR)	SWRO-2 (File name in VDR)
General layout drawing	11004-GE-DE-000-000.06 General Layout	RO#2 master plan
Asset List	SWRO 1 Assets	SWRO 2 Assets
Isolation P&ID	11004-PE-PB-100-001.16 Process P&ID Sea Water Intake 11004-PE-PB-400-012.11 Process P&ID Reverse Osmosis Lines Collectors and Post- treatment	As-Built Piping & Instrumentation Drawings-RO2
Isolation piping	11004-PD-DE-100-001.01 Seawater Intake Piping Layout- RO1 11004-PD-DE-000-350.01 Piping Layout Underground	MSFE & RO-2 Tie-in drawing.2 MSFE & RO-2 Tie-in drawing.3
Isolation of power (SLD)	11004-EE-DB-000-006.03 - MV 11kV Single Line Diagram	ME0047-5001-MV-3

5.13 The VDR contains

Under Engineering

- a. As-Built drawings
- b. Equipment specifications
- c. P&IDs
- d. Single Line Diagrams for Power system
- e. Details of SCADA systems
- f. Functional specifications
- g. Electrical Panel details
- h. DCS Panel details
- i. Signal & alarm logics
- j. Architectural plans of various structures

Under Operation & Maintenance (O&M)

- a. O&M manuals
- b. Performance data
- c. Equipment specifications
- d. Equipment manuals
- e. OEM details including country of origin, available contact details
- f. Recommended Spares list

6. HEALTH, SAFETY AND ENVIRONMENT

- 6.1 All applicable BWPC / NOMAC HSE & Technical Safety Guidelines shall be followed during all times when working within the plant boundary.
- 6.2 Follow BWPC / NOMAC Permit to work system
- 6.3 Due care shall be taken for protecting the environment of the plant so as not to affect the other ongoing operations of the Main plant and associated works.
- 6.4 Bidder shall submit a comprehensive plan outlining the methodology of dismantling & removal of the assets keeping HSE in focus.

[Separate Document]

[Separate Document]

[Separate Document]

During the Tender Period, the Bidder shall visit the sites and the water pipeline route to appraise conditions and gather the necessary information. Bidder shall enclose a copy of the document duly signed by the Employer Personnel as a proof for having visited the Sites. The Bidder shall submit the following declaration duly completed along with the Tender.

INSPECTION OF SITE

We hereby confirm that we have visited and carefully examined the Sites and pipe-line route and satisfied ourselves as to the nature of all existing roads or other means of transport or communications and as to possible interruptions thereto and as to access to and from the Site.

We have made enquiries, examined and satisfied ourselves as to the nature and location of conditions affecting our obligations under the Contract.

We have made local and independent enquiries as to storms, prevailing winds, climatic conditions, and other similar matters.

We have satisfied ourselves to the sources and means of obtaining adequate supplies of skilled and unskilled persons and all materials and equipment required for carrying out obligations under the Contract.

We have considered the possible effects whilst carrying out of the Contract that may be caused by the breakdown of communications or because of storms, floods or adverse weather conditions.

We have acquainted ourselves as to the laws and regulations, which are applicable to the work to be performed by us under the Contract, and we have verified that any permits, approvals and authorizations, if required, can be obtained.

We have obtained all necessary information of all matters whatsoever which may affect our execution of the Contract.

Name of Company: Date:

Signed:

Appendix 5 Electronic Data in VDR

Barka 1 VDR bears following folders as under –

Folder 1 SWRO 1

Subfolder 1.1 Engineering – Contains Engineering files

Subfolder 1.1.1 CO2 Plant

Subfolder 1.2 HSE

Subfolder 1.3 O&M

Subfolder 1.3.1 Performance Reports

Folder 2 SWRO 2

Subfolder 2.1 Engineering – Contains Engineering files

Subfolder 2.2 HSE

Subfolder 2.3 O&M

Subfolder 2.3.1 Performance Reports