



Request for Quotation Document (RFQ)

RFQ Description:	Request for Quotations for Supply and commissioning of the mobile water purification plant
RFQ No:	AE/QUO61/2021
Closing Date:	02 November 2021

1. KEY DATES AND ACTIVITIES

The table below lists certain key dates and activities relevant from time of publishing of the RFQ up until the closing date for questions:

No	Description	Start Date/ Time
1.	RFQ is published	21.10.2021
2.	Bidders briefing session	N/A
3.	Bidders to submit written questions relating to RFQ	N/A
4.	Closing dates for questions	02.11.2021

2. BACKGROUND

Vlakfontein Mine is a coal mine situated 7km outside of Ogies town in the Mpumalanga Province of South Africa. It is the first coal mine owned and operated by African Exploration Finance and Mining Corporation (AEMFC), a State-owned mining company.

3. SCOPE OF WORK (SOW)

The scope of work for Proposal for supply and commissioning of a mobile water purification plant. **NB Supplier to also include full set of spares for the on the quote.**

Mobile purification plant specifications are as follows:

System Overview

Production: 3m³/hr (72m³/day)

Membranes: 4040 x 12

Feed TDS range: ≤ 2000ppm with standard membrane

Typical salt rejection: 95 - 99%

Power supply: 380V 50Hz Three phase

Feed Water Conditions

Temperature: 5 – 35 o C

TDS: ≤ 2000ppm with standard membrane

SDI: < 5

pH: 4 – 9

Free Chlorine: Undetectable

Iron: < 0.1ppm

Manganese: < 0.05 ppm

Material of Construction

Framework: SS304

Low pressure piping: UPVC Class 16

High pressure piping: UPVC Class 16

Pressure vessels: FRP 300psi

Pumps: SS304

Control Box: Mild steel epoxy coated

Pre-filter housings: Double length PVC bag filter

Instrumentation

Conductivity: Permeate

Flow meters: Permeate, brine, brine recycle

Pressure gauges : Pre & Post filter, Pre & Post membranes

Pressure switches: Low pressure & high pressure

4. SUBMISSION

Quotations must be emailed to nomcebox@aemfc.co.za. Suppliers are requested to submit the following documents:

- A certified copy of B-BBEE certificate or Sworn Affidavit for EMEs and QSEs
- Central Supplier Database (CSD) report

5. EVALUATION CRITERIA

5.1 PRICE AND B-BBEE

Price Quotations will be evaluated in accordance with the Preferential Procurement Policy Framework Act (PPPFA), using the 80/20 preference point system, where 80 points will be for price and the remaining 20 will be for B-BBEE Status of Level of contribution.

B-BBEE Status Level of Contribution	Number of Points (80/20)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

6. THE PRICE QUOTATION

6.1 Quotation to be in Rands.

6.2 Price quoted must include **VAT (If applicable)**.

6.3 The price must be in accordance with the Bill of Quantities (BOQ) provided.

6.4 Bids will be valid for 60 days.

6.5 Quotation to be submitted in the Company's letter head. (If there is no BOQ provided remove 4.3)

Originator:

Supported by:

Supported by:

Supported by: