



**TENDER NO. TCML/MGD/2019/M-86**

**TENDER PROPOSAL FOR FABRICATION OF  
DREDGE 3 BOOM**

**JUNE, 2019**

CLIENT:

TATA CHEMICALS MAGADI LTD  
P.O. BOX 1-00205  
MAGADI

THE HEAD OF PROCUREMENT

TATA CHEMICALS MAGADI LTD.  
P.O. BOX 1-00205  
MAGADI



## **SCOPE OF WORK**

The scope of works shall be as described in the BoQ and tender document.

## **DREDGE 3 BOOM FABRICATION (Reference Drawing no. AOS/0326 and AO/1037)**

### **SITE INFORMATION**

- It shall be deemed that the tenderer has visited the site/area & got fully acquainted with the working conditions, other prevalent conditions & fluctuations thereto whether he actually visits the site/are or not & has taken all the factors into account while quoting the rates.
- The tenderer, at the tenderer's own responsibility, cost & risk, is encouraged to visit and examine the site of works and its surrounding and obtain all the information that may be necessary for preparing the Bids.

### **CONFORMITY WITH STATUTORY ACTS, RULES, STANDARDS AND CODES**

- i) All components shall conform to the relevant standard specifications, whatever existing, amended to date.
- ii) All electrical works shall be carried out in accordance with the provisions of TCML rules.
- iii) All Mechanical works shall be carried out in accordance with the provisions of TCML rules.

### **SAFETY MEASURES AND REQUIREMENTS.**

- i) A thorough site risk assessment to be done before commencement of work.
- ii) All personnel involved in the job to be safety inducted for familiarization with the scope of work and the risks involved.
- iii) A risk assessment board to be availed on site furnished with the permit to work, risk assessment form, hot work permit and job procedure.
- iv) Ensure all electrical connections have been isolated and a Lock out, Try out, Tag out procedure have been followed before taking over the plant for the job.
- v) A person in charge of safety to be identified and be known to all the personnel.
- vi) A first aid kit to be availed on site at all times and a shift first aider identified.
- vii) Suitable Fire extinguishers to be availed on site at all times during the operation.
- viii) All drop zones and operation areas to be barricaded using red/white barrier tape to restrict entry to persons not inducted for and/or not involved in the job.
- ix) All oxy-acetylene sets to be inspected and tested for leakages before use and hoses to be clear of falling hot material, sharp edges and dropping debris.
- x) All personnel shall wear the mandatory PPE at all times and ensure use of other relevant PPE depending on the nature of work and condition of the work site.
- xi) Housekeeping to be done at every stage of work and thoroughly at every close of shift.

### **WORKS TO BE ARRANGED BY THE TCML**

Unless otherwise specified in the tender documents, the following works shall be arranged by the owner.

- i) Space for accommodating all the equipment and components involved in the work.
- ii) Provide all technical drawings required.
- iii) Provide all equipment, consumable items and materials required.
- iv) Thorough housekeeping on the site prior to installation of the boom.
- v) Electricity will be provided at single point free of cost.
- vi) Consumable like welding electrodes, gas, emery paper & broom etc. shall be provided by TCML free of cost.
- vii) Provide Workshop facility at free of cost depending on the nature of work.

### **WORKS TO BE ARRANGED BY THE CONTRACTOR**

Unless otherwise mentioned in the tender documents, the following works shall be done by the contractor and therefore, their cost shall be deemed to be included in their tendered cost-whether specifically indicated in the schedule of work or not: -

- i) New MS plates, square tubes, Angles, H beams & related materials to be brought from stores.
- ii) Experienced Supervisor/engineer shall be deputed at site by the contractor for proper co-ordination and supervision of the job.
- iii) Contractor has to arrange required man-power for fabricating the boom.
- iv) The man-power deputed for this work should be covered under suitable insurance policy. The contractor before commencement of work at site shall submit a copy of insurance policy in duplicate.
- v) Construction will be done as per scope of work.
- vi) Disposing of the waste material to the scrap yard.
- vii) Housekeeping at the end of the project.

### **TOOLS REQUIRED**

- i) 2 Nos. 5 tonne by 5 meter chain blocks.
- ii) 4 Nos. soft slings size 1 tonne x 3 meters.

- iii) 2 Nos. DC welding machines 400amps and above complete with welding and earthing cables 70 cubic mm and above, each cable 15meters long or more, fitted with welding holders and earth clamps of 600 amps or above.
- iv) 4 Nos. 9" grinders complete with its safety guards.
- v) 10 Nos. complete oxy-acetylene cutting sets, each with 15 meter long or more hoses, double diaphragm oxygen and acetylene regulators, heavy duty cutting torches and non return valves for fitting at the regulator side.
- vi) 3 Nos. single phase extension cables each 15 meters long or more.  
2 Drilling machines.

#### **CONSUMABLES REQUIRED**

- i) 4 Nos.size 1/8"Acetylene Cutting nozzles of good quality preferably 'Affrox' from BOC.
- ii) 4 Nos.size 1/16" Acetylene Cutting nozzles of good quality preferably 'Affrox'.
- iii) 60Kgs. 3.25mm Low hydrogen Welding electrodes.
- iv) 40Kgs. 4.00mm Low hydrogen Welding electrodes.
- v) 10Kgs. 3.25mm mild steel Welding electrodes.
- vi) 5Kgs. 4.00mm mild steel Welding electrodes.
- vii) 5 pcs. 9" cutting discs.
- viii) 2 Nos. full acetylene cylinders of size 6.8 cubic meters or more.
- ix) 5 Nos. full oxygen cylinders of size 8.3 cubic meters or more.
- x) 5 Nos. wire brushes.
- xi) Emery cloth.

#### **EQUIPMENT**

- i) 7tonne folk lift./Tail Handler

#### **JOB PLAN.**

#### **PREPARATIONS.**

- 1) Ascertain dimensions of the parts on site.

#### **FABRICATION WORK.**

- i) Studying and understanding of the drawing.
- ii) Availing on fabrication site all the necessary plate, angle line, H beams.
- iii) Fabrication of the main support structure.
- iv) Setting and welding into main structure the mid brackets.
- v) Drilling of the blocks and cups positions for rollers on the upper part of the boom structure.

#### **QUALIFICATION FOR TENDERING**

##### **1.1. Mandatory Requirements**

The following must be submitted together with bid:

- i) **Certified** copy of Certificate of incorporation

- ii) Copy of Registration certificate for National Construction Authority (NCA) Mechanical or Civil works in category in any category.
- iii) Copy of Valid Tax Compliance Certificate
- iv) **Certified** copy of **Current** Single business permit
- v) **WIBA** Compliant, and show proof.

## **1.2 Other Requirements**

The Bidder shall submit information which will enable the technical team to evaluate their capability to undertake the works. For the purpose of these works, it is required that the firms should provide the following:-

- i) Similar previous experience
- ii) Equipment holding attach proof and lease agreements; any of the two.
- iii) Professional and technical staff (attach CV's, testimonials & Certificates.
- iv) Completion period (attach detailed work Schedule)

All information in the attached forms should be provided in full and failure to do so will constitute grounds for disqualification.

There shall be a mandatory pre-tender site visit as specified in the table below:

Date	25 <sup>TH</sup> JUNE 2019
Time	1430 Hrs.
Venue	LAKE MAGADI

No.	Description	Max. Point	Points Awarded
<b>1</b>	<b>TRACK RECORD : 25 Points</b>		
<b>1.1</b>	<b>The following shall be provided;</b> Certified Copy of Certificate of incorporation to show that the applicant is a registered company and legally authorized to do business in Kenya	<b>5</b>	
<b>1.2</b>	Copy of Registration certificate for National Construction	<b>10</b>	

	Authority (NCA) Mechanical or Civil works in any category		
1.3	Copy of valid Tax Compliance certificate (To be checked online through KRA portal) Certified copy of trading licence / single business permit.	5	
1.4	WIBA Compliant. Show proof.	5	
2	<b>Key Staff Qualifications :15 Points</b>		
2.1	Attach CV's of Key staff: Technicians, welders, fabricators, and mates. (Company must have competent, trained, safety conscious, and insured personnel)	15	
3	<b>Experience of the Firm : 35 Points</b>		
3.1	Attach proof/evidence of three (3) similar works undertaken of the same value for the last 3 years.	35	
4	<b>Completion Period : 25 Points</b>		
4.1	Completion Period (The contractor to come up with a detailed Work Schedule/Programme) and Work Methodology	25	
	<b>GRAND TOTAL</b>	<b>100</b>	
	<b>Ratings</b>		

Note:

1. All bidders must provide above information together with their bids.
2. A bidder must score a minimum of sixty five (70) points at the Technical Stage to qualify for Financial Evaluation.

**The bidders must submit the Technical and the Financial proposals separately.**

**A. TECHNICAL PROPOSAL –**

One copy in sealed envelope clearly marked **“TECHNICAL PROPOSAL FOR TENDER NO: TCML/MGD/2019/M-86 -Tender for PROPOSED FABRICATION OF DREDGE 3 BOOM”** (The firms will ensure that there is no reference at all on their financial proposal within the technical proposal envelope)

**B. FINANCIAL PROPOSAL -**

One copy in sealed envelope clearly marked **“FINANCIAL PROPOSAL FOR TENDER NO: TCML/MGD/2019/M-86 -Tender for THE PROPOSED FABRICATION OF DREDGE 3 BOOM”** (The financial proposal shall include all taxes applicable).

Addressed to:

**The Head of Procurement,  
TATA Chemicals Magadi Limited,  
P.O. Box 1-00205,  
MAGADI**

The same will be deposited in the tender box situated in Administration Block, Magadi OR Collection Centre, at Enterprise Road – Avon house, Industrial area so as to reach him/her on or before **5.00 p.m. on 28<sup>th</sup> June, 2019.**

The Management reserves the right to accept or reject any bids and does not bind itself to any reasons for doing so.

## FINANCIAL

DESCRIPTION	QTY	UNIT	PRICE @
1. Tender for the fabrication of Dredge #3 Boom	1	LUMP SUM	
2. Other Charges	1	LUMPSUM	
Sub Totals			
VAT			
Total			