



**TENDER NO. TCML/MGD/KDS/2019/M-90**

**TENDER PROPOSAL FOR DREDGE 3  
HYDRAULIC SYSTEM PIPEWORK**

**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**

### **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/area 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 hydraulic 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 tool box talk to be held before commencement of every shift to highlight on the new risks encountered or expected and how to mitigate them.
- vi) A person in charge of safety to be identified and be known to all the personnel during every shift.
- vii) A first aid kit to be availed on site at all times and a shift first aider identified.
- viii) 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.
- ix) 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.
- x) 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) Supervision of the installation process.
- iv) Thorough housekeeping on the site prior to installation of the boom.
- v) 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) Experienced Supervisor/engineer shall be deputed at site by the contractor for proper co-ordination and supervision of the job.
- ii) Contractor has to arrange required man-power
- iii) 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.
- iv) To provide tools and spares required for installation.
- v) Installation 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.

### **SPARES TO BE PROVIDED BY THE CONTRACTOR**

1. Seamless hydraulic steel tube- 20mm\*12mm\*4mm-17Pcs
2. Seamless hydraulic steel tube- 25mm\*17mm\*4mm-32Pcs
3. Hydraulic nipple- M30\*M30 complete with ferrules and nuts-40Pcs
4. Hydraulic nipple- M36\*M36 complete with ferrules and nuts-40Pcs
5. Hydraulic nipple- M30\*3/4" BSP-25Pcs
6. Hydraulic nipple- M36\*3/4" BSP -50Pcs
7. Hydraulic MF elbow- M30\*M30-15Pcs
8. Bonded seal- 3/4"-100Pcs
9. Heavy duty tube clamp- 20mm-40Pcs
10. Heavy duty tube clamp- 25mm-80Pcs
11. Female socket weld on 3/4" BSP- \*50mm long-100Pcs
12. Twin ferrules -20mm-30Pcs
13. Twin ferrules- 25mm-60Pcs
14. Compression nuts- M30-50Pcs
15. Compression nuts- M36-80Pcs
16. Adapter plate -6
17. Welding Rods
18. Cutting disc-10Pcs
19. Grinding disc-10Pc

### **TOOLS AND EQUIPMENT TO BE PROVIDED BY THE CONTRACTOR**

1. Arc welding machine

2. Grinder
3. Bending machine (pipe bender)
4. Scaffold
5. Hacksaw and blade

### **JOB PLAN.**

#### **PREPARATIONS.**

- 1) Ascertain dimensions of the parts on site.
- 2) Ensure all required spares, tools and equipment are on site

#### **INSTALLATION WORKS**

1. Dismantling and installation of Seamless hydraulic steel tube- 20mm\*12mm\*4mm-17Pcs
2. Dismantling and installation of Seamless hydraulic steel tube- 25mm\*17mm\*4mm-32Pcs
3. Dismantling and installation of Hydraulic nipple- M30\*M30 complete with ferrules and nuts- 40Pcs
4. Dismantling and installation of Hydraulic nipple- M36\*M36 complete with ferrules and nuts-40Pcs
5. Dismantling and installation of Hydraulic nipple- M30\*3/4" BSP-25Pcs
6. Dismantling and installation of Hydraulic nipple- M36\*3/4" BSP -50Pcs
7. Dismantling and installation of Hydraulic MF elbow- M30\*M30-15Pcs
8. Dismantling and installation of Bonded seal- 3/4"-100Pcs
9. Dismantling and installation of Heavy duty tube clamp- 20mm-40Pcs
10. Dismantling and installation of Heavy duty tube clamp- 25mm-80Pcs
11. Dismantling and installation of Female socket weld on 3/4" BSP- \*50mm long-100Pcs
12. Dismantling and installation of Twin ferrules -20mm-30Pcs
13. Dismantling and installation of Twin ferrules- 25mm-60Pcs
14. Dismantling and installation of Compression nuts- M30-50Pcs
15. Dismantling and installation of Compression nuts- M36-80Pcs
16. Dismantling and installation of Adapter plate -6

### **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>MANDATORY</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	YES/NO	
<b>1.2</b>	Copy of Registration certificate for National Construction Authority (NCA) Mechanical or Civil works in any category	YES/NO	
<b>1.3</b>	Copy of valid Tax Compliance certificate (To be checked online through KRA portal) Certified copy of trading licence / single business permit.	YES/NO	
<b>1.4</b>	WIBA Compliant. Show proof.	YES/NO	

<b>2</b>	<b>Key Staff Qualifications :25 Points</b>	
2.1	Attach CV's of Key staff: Technicians, welders, and mates. (Company must have competent, trained, safety conscious, and insured personnel)	<b>25</b>
<b>3</b>	<b>Experience of the Firm : 50 Points</b>	
3.1	Attach proof/evidence of three (3) similar works undertaken of the same value for the last 3 years.	<b>50</b>
<b>4</b>	<b>Completion Period : 25 Points</b>	
4.1	Completion Period (The contractor to come up with a detailed Work Schedule/Programme) and Work Methodology	<b>25</b>
	<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-85 -Tender for PROPOSED DREDGE 3 HYDRAULICS SYSTEM PIPEWORK**” (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-85 -Tender for THE PROPOSED DREDGE 3 HYDRAULICS SYSTEM PIPEWORK"**  
(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 Dredge 3 hydraulic system pipework.	1	LUMP SUM	
2. Other Charges	1	LUMPSUM	
<b>Sub Totals</b>			
<b>VAT</b>			
<b>Total</b>			

NB: To be submitted in the Financial proposal envelope only.