

TATA CHEMICALS MAGADI LTD

TENDER FOR THE REPAIR OF TCML LOCOMOTIVE 4706 MAY 2019

TATA CHEMICALS MAGADI LTD.

May 2019

TENDER INVITATION NOTICE

Tata Chemicals Magadi Limited ("hereinafter referred to as TCML") invites sealed applications from eligible firms for purposes of awarding to the most compliant to provide Repairs of TCML Locomotive 4706.

Alongside your bid, please submit copies of certificates of your firm's affiliations, full company profile and referrals if any.

The bidders must submit their financial proposals in separately sealed envelopes but preferably enclosed in one outer envelope clearly marked:

"TENDER FOR THE REPAIRS OF TCML LOCOMOTIVE 4706"

Deliver to the Tender Box located at the Reception in Administration block at Lake Magadi or drop at our collection centre at Avon House on Enterprise Road Industrial Area opposite New KCC on or before **Friday 17TH May 2019**

There will be a mandatory site visit to view the Scope of Work on **Monday 13th May 2019** at our Kajiado Railway Depot at 0900Hrs

Tender for the Repairs of TCML Locomotive 4607

PART A – TECHNICAL PROPOSAL

WORKSCOPE FOR REPAIR OF TCML LOCOMOTIVE 4706

1. Introduction

Tata Chemicals Magadi Limited has a shunting locomotive No. 4706, which broke down a while ago and is currently at TCML's Locomotive Workshop in Kajiado. The locomotive has undergone complete engine overhaul which was completed in March ,2019. Engine running tests were conducted and the engine found to be functioning properly. However, upon trying to undertake movement tests, motion could not engage. The transmission does not engage and as such, the locomotive cannot move forward or backwards.

2. Required Service

Interested technical firms are invited to assess the locomotive at Kajiado Loco Workshop and thereafter make their bid for repair of same in order to have the locomotive in working condition. Time period envisaged to return the locomotive back to operation should be stated.

3. Scope of Work

Successful bidder will undertake the necessary troubleshooting and repairs at TCML's Locomotive Workshop at Kajiado. However, the contractor shall be at liberty to take any locomotive components to specialized repair facilities outside Kajiado.

- a. Electricals: Repair and restore electrical systems to working condition.
- b. Pneumatic System faults and repair to restore to working condition this will involve:
 - i. Eliminate all pressure leakages within the air system,
 - ii. Service all the pneumatic valves and ensure they are working properly,
 - iii. Conduct a brake test and pressure test to ensure the locomotive is building necessary pressure and that the airbrake system functions as expected.
- c. Hydraulic Transmission: Restore the hydraulic transmission to working condition so that the locomotive is able to move forward and reverse.
- d. Upon completion of the job, performance testing of the locomotive shall be conducted jointly by the Contractor and TCML.

Tender for the Repairs of TCML Locomotive 4607

Note: Materials and spares required for the work shall be provided by the contractor.

4. Locomotive Details:

(a) General

- Locomotive railroad No: 4706
- Make: HUNSLET
- Model:
- Horse power: 500
- Year of manufacture: 1979
- Manufacturer: British Rail Engineering Limited, Swindon Works

(b) Diesel Engine

- Make: CUMMINS
- Model: NTA 855 - L3 B

(c) Compressor Specifications

- Make: Atlas Copco
- Type: LE10 -10CV B
- Weight: 45 kg
- Revs:1500 r.p.m.
- Pressure: 10 bar

(d) Transmission Specifications

- Type: Hydraulic
- Make: VOITH
- Model: L2r3z
- Year of manufacture: 1978
- Transmission Number: 86411
- Power: 485 hp/362 kw

Payment

Payment for the work shall be effected after successful testing and handing over of the locomotive for traffic. Payment shall include:

- 1) Technical service as quoted
- 2) Validated cost of repair parts and materials used

VENDOR CONTACTS

<u>CONTACT</u>	
COMPANY NAME	
CONTACT PERSON	
TELEPHONE NUMBERS	
EMAIL ADDRESSES	

PART B – FINANCIAL PROPOSAL

Please Note that this page should be filled and put on a separate envelope.

Sending this in the same envelope as the Technical Proposal will lead to **AUTOMATIC DISQUALIFICATION**

NB – Provide an itemized financial proposal

VENDOR CONTACTS

<u>CONTACT</u>	
COMPANY NAME	
CONTACT PERSON	
TELEPHONE NUMBERS	
EMAIL ADDRESSES	