



**TENDER NO. TCML/MGD/KPS/2019/M-68**

**TENDER PROPOSAL FOR UPGRADING OF  
GROUND REVERSIBLE CONVEYOR FROM  
600MM TO 800MM WIDTH**

**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.

### **SITE INFORMATION**

- It shall be deemed that the tenderer has visited the site/area. He got fully acquainted with the working conditions, other prevalent conditions & fluctuations thereto whether he actually visits the site/are or not. He 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.

### **TOOLS REQUIRED**

- i) Two sets of combination spanners ranging from No. 17 to 24
- ii) 4 Nos. 2 Kg. engineering hammers.
- iii) 2 Nos. long claw bars.
- iv) 2 Nos. 5 tonne by 5 meter chain blocks
- v) 1 No. 7 tonne by 5 meter chain block.
- vi) 4 Nos. soft slings size 7 tonnes x 3 meters.
- vii) 4 Nos. soft slings size 1 tonne x 3 meters.
- viii) 4 Nos. D shackles 7 tonne capacity.
- ix) 2 Nos. DC welding machines 400amps and above complete with welding and earthing cables 70 cubic mm and above, each cable 15 meters long or more, fitted with welding holders and earth clamps of 600 amps or above.
- x) 1 No. 9" grinder complete with its safety guards.
- xi) 2 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.
- xii) 3 Nos. single phase extension cables each 15 meters long or more.  
2 Drilling machines.

### **CONSUMABLES REQUIRED**

- i) 2 Nos. size 1/8" Acetylene Cutting nozzles of good quality preferably 'Affrox' from BOC.
- ii) 3 Nos. size 1/16" Acetylene Cutting nozzles of good quality preferably 'Affrox'.
- iii) 5Kgs. 3.25mm Low hydrogen Welding electrodes.
- iv) 2Kgs. 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) A forklifts with for moving new parts closer to the loading area.
- ii) Chain block and sling
- iii) Portable welding Machine

### **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 equipment, consumable items and materials required.
- iii) Supervision of the installation process.

- iv) Electricity will be provided at single point free of cost.
- v) Consumable shall be provided by TCML free of cost.
- vi) 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) 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 removal and re-fixing the lagging and for assemble / disassemble scaffolding.
- 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) Removal, fabrication and installation shall be as per scope of work.
- vi) Disposing of the waste material to the scrap yard.
- vii) Housekeeping at the end of the project.

### **JOB PLAN.**

#### **PRE INSTALLATION PREPARATIONS.**

- 1) Take the measurement of the old frame in comparison with new frame to be fabricated
- 2) Fabricate the frame in parts to be assembled on site
- 3) Fabricate the brackets to be installed on site
- 4) Fabricate of the conveyor stand
- 5) Transportation of frame parts and brackets to site
- 6) Transportation of the scrappers, carrier and return rollers, drums, variators, bearings, Plummer blocks, motor gearbox
- 7) Transportation of Ms Plate for expansion of the drop chute

NB The fabrication Job will be done as per the drawing

#### **INSTALLATION JOBS.**

- 1) Filling of permit to work book
- 2) Separate the 600MM belt conveyor and dismount it
- 3) Loosen the hold down bolts of the drums and dismount them

- 4) Strip the chute by gassing it off
- 5) Remove all the rollers
- 6) Removal of both carrier and return idler rollers
- 7) Strip off of the frame
- 8) Strip off of the stands
- 9) Installation of the stand
- 10) Assembly of the frame and put it into position on the stands
- 11) Installation of the brackets
- 12) Installation of the carrier and return idler rollers.
- 13) Installation drums, variators, plummer blocks and bearings.
- 14) Installation of the motor and gearbox
- 15) Expand the drop chute to accommodate the new length of the drum
- 16) Installation of the 800MM Belt Conveyor
- 17) Installation of the scrappers
- 18) Housekeeping at the end of the project
- 19) Testing and commissioning.

## **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 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>		
<b>2.1</b>	Attach CV's of Key staff: Technicians, welders, fabricators, and mates. (Company must have competent, trained, safety conscious, and insured personnel)	<b>25</b>	
<b>3</b>	<b>Experience of the Firm : 45 Points</b>		
<b>3.1</b>	Attach proof/evidence of three (3) similar works undertaken of the same value for the last 3 years.	<b>45</b>	
<b>4</b>	<b>Completion Period : 30 Points</b>		
<b>4.1</b>	Completion Period (The contractor to come up with a detailed Work Schedule/Programme) and Work Methodology	<b>30</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-68 -Tender for PROPOSED UPGRADING OF GROUND REVERSIBLE CONVEYOR FROM 600MM TO 800MM WIDTH”** (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-68 -Tender for THE PROPOSED UPGRADING OF GROUND REVERSIBLECONVEYOR FROM 600MM TO 800MM WIDTH”** (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. Upgrading of ground reversible conveyor from 600mm to 800mm width.	1	LUMP SUM	
<b>1. Other Charges</b>	1	LUMPSUM	
<b>Sub Totals</b>			
<b>VAT</b>			
<b>Total</b>			

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