

SCOPE OF WORK

Tender No.:

Description: Tailings Maintenance Support (Boilermaker and TO's at Tailings)

1 INVITATION

This document describes the scope of work to source the services of Two (2) boilermaker and their Two (2) Technical Operators at Tailings for the repairs and fabrication of pipes with varying sizes, cyclones, and associated structures at Tailings.

2 SCOPE BACKGROUND

The Tailings sections uses pipes of various of different pipes to transfer plant residue material from upstream section to the Tailings Storage Facility (TSF). In addition, the tailings section is also responsible for supplying of water from the TSF back to the plant for processing. There are also structures that also require maintenance to service weirs structures, catch dams, etc. Over time, these pipes and structures require maintenance, and/or need to be replaced/repared as and when required. The previous contract which was valid for 3 years has come to an end, a new contract needs to come in place to continue where the previous company left off. The risk of not having such a service on site leads to potential production losses in case of pipe failures between the 300ft and the TSF.

3 COMPANY BACKGROUND

Foskor is one of the world's largest producers of phosphate rock (concentrate) and phosphoric acid. It is one of the world's few vertically integrated producers of phosphoric acid and is the second largest supplier to India, the world's largest consumer of phosphoric acid.

The Company owns, and mines phosphate resources and beneficiates the mined material to produce a phosphate concentrate at Phalaborwa, in the Limpopo Province of South Africa. The phosphate concentrate is sold locally and transported to the Richards Bay plant on the coast of Kwa-Zulu Natal to produce phosphoric acid, sulphuric acid and granular fertilisers MAP and DAP from phosphoric acid and is the leading supplier of fertilisers to South Africa. In all about 95% of the phosphoric acid is exported and the granular sales are divided between exports and local markets. Since 1951 Foskor has supplied more than 95% of South Africa's fertiliser requirements.

4 ENVIRONMENTAL MANAGEMENT CONTROL REQUIREMENTS

The successful or appointed service provider shall comply with the following Environmental Specifications, Policies and Procedures:

- a) COP 41 Housekeeping and workplace organisation
- b) COP 49 Waste Management
- c) COP 51 Resource conservation, energy, and materials
- d) COP 70 Storage of petroleum products and other hazardous material
- e) National Environmental Management Act 107 of 1998 (NEMA)
- f) National Environmental Management Waste Act 59 of 2008 (NEMWA) as amended.

- g) The successful service provider shall include in his/her SAFETY FILE, and comply with, the following documents:
- i. Environmental Aspect and Impact Register (Applicable to this contract).
 - ii. Environmental Objectives and Targets (Applicable to this contract).
 - iii. Waste Management Plan (Applicable to this contract).
 - iv. FOSKOR Atmospheric Emissions License (Copy available on request)
 - v. FOSKOR Waste Management Licence (Copy available on request)
 - vi. FOSKOR Water Use Licence (Copy available on request)

5 SCOPE OF WORK

The scope of work consists of the following aspects.

- (i) **2 (Two) Boilermaker** – Boilermaker must be in possession of a trade test and have his/her own tools and be able to execute manufacturing and repair work on their own / with minimum supervision. They must be physically fit to execute the boilermaker's task as required by Foskor.
- (ii) **2 (Two) Technical Operators** - They must be physically fit to assist the fitters and boilermaker in executing task at hand.
- (iii) The service provider will work on **dayshift from 06h00 to 15h00** during the week. As and when required, depending on the work demands, the boilermakers may be required to work after hours and on weekends.
- (iv) The service provider must provide the **own PPE** according to Foskor's Standards.
- (v) The service provider must supply must have their **own transport that conforms to Foskor's standards** to get to Pipe-Yard (the location where the boiler operates from). Please refer to COP059 (attached).
 - a. LDV (suitable to pass the mine's vehicle inspection – according to COP059)
 - b. Reflective triangles (x2).
 - c. An operator with a valid Foskor license.
 - d. Buggy whip.
 - e. Stop blocks (x2).
 - f. Fire suppression system.
 - g. Fire extinguisher (5kg).
 - h. Reverse hooter.
 - i. Rotating light.

NOTE: 2-Way radio will be provided by Foskor

- (vi) **No working tools are required** – Foskor will supply all necessary tools.
- (vii) This is **an addition to the team – No Safety File Required**. The team will be carried by Foskor Team.

6 EXPOSURE

Prior mining experience will be a prerequisite to these temporary appointments. All persons must be able to do a HIRA for the given task.

7 GENERAL

Workers must work in accordance with the mine procedures and comply to all MHSA 29 of 1996 regulations.

7.1 STORAGE

- a) Suitable, dry well-ventilated storage accommodation shall be provided by the Contractor for any materials or equipment requiring protection from the weather. Where any material or equipment is liable to frost damage, suitable heated storage accommodation shall be provided.
- b) Contractor will be responsible of the supervision of material and equipment loading and unloading operations. Recommendations regarding transport, storage, loading and unloading of materials and equipment shall be followed. Any temporary protection required for equipment and components shall be provided.

7.2 SITE TEMPORARY FACILITIES

- c) Any buildings or facilities required for the accommodation (both temporary and permanent) of persons employed by or contracted to Foskor PTY Ltd who are involved with the construction, operation and maintenance of the Works, including temporary building services, temporary roads, temporary systems for water supply and drainage are site temporary facilities.

7.3 SITE ACCESS

- d) The Contractor shall make his own arrangements for his employees regarding toilets and changing rooms. Contractor's employees will not be permitted to use facilities of the permanent Works or those supplied for Foskor PTY Ltd.
- e) The Contractor shall construct, maintain, and afterwards reinstate any temporary access routes within the site required for and in connection with the execution of the Works.
- f) The Contractor shall provide secure, off-road parking for all workforce and site related vehicles. The Contractor shall ensure the off-road parking provided does not cause any nuisance.

7.4 SITE SECURITY

- a) The Contractor shall be always responsible for the security of his equipment, materials and site installations.
- b) The Contractor shall comply with all regulations as prescribed by Foskor PTY Ltd the delivery to, transfer on or removal from site of materials and plant.
- c) The Contractor's staff and workforce shall submit to any security checks which shall include searches of both vehicles, and people as and when required by Foskor PTY Ltd.

7.5 ACCESS TO THE SITE

- a) Contractor will be deemed to have taken account of the implications of traffic flows on performance of the Works within his price. No claim for extension of time or additional payment will be considered based on lack of knowledge of the traffic flows or restrictions that may be imposed by the Local Authorities.

7.6 CLEANLINESS OF ROADS

- a) The Contractor shall ensure that public and private roads and footpaths are kept clean and clear of mud or any other materials which might be left by his vehicles or workmen or those of his subcontractors or suppliers. The Contractor shall give immediate and daily attention to the cleaning of these areas. The Contractor will be held responsible for any incident or accident attributable in whole or in part to uncleaned roads or paths.

7.7 DAMAGE

- a) The Contractor shall be responsible for the making good of damage caused by his / her staff to any part of the structures / equipment. In the event of the occurrence of damage he/she shall arrange the repair of such damage to be carried out at his / her own expense to the satisfaction of the Engineer.

8 TECHNICAL REQUIREMENT

8.1 TENDER EVALUATION CRITERIA

- b) As part of the process to assist with the evaluation of the bidders' proposal/quotation and to make an informed decision in the awarding of this tender, the following information is required.
- c) The following tender evaluation criteria will be used for adjudicating the Contractor submitted tender.
- d) Please provide the required documentation as requested in the "Proof/documents to be submitted" column. Please be specific when submitting documents by ensuring it answer the item specified.
- e) Please use the annexure number as indicated to identify proof submitted.
- f) Failure to submit the relevant documentation as requested in the Evaluation criteria document may lead to a disregard of the submitted tender.

8.2 MANDATORY REQUIREMENTS

PRE-EVALUATION REQUIREMENT			
1	CIDB Pre-qualification	3ME / 3GB or above	Submit proof of registration

Bid submission not meeting the mandatory requirement will result in the bid being disqualified.

Evaluation Criteria (Technical)				
Txxx/24 – 2 Boilermaker and 2 TO's (Tailings Mechanical Support)				
No	Technical Criteria Description	% Contribution	Proof / documents to be submitted	Notes
1	Experience & Team competence - <u>Section Weight not to be less than 65%</u>			
a)	Company – Previous experience Mechanical maintenance. Scoring: < 1 year = 0 ≥ 1 year = 6% ≥ 2 years = 12% ≥ 3 years = 18% ≥ 4 years = 24% ≥ 5 years = 30%	30%	Give reference list of projects, with values and contact numbers for verification. Bidders must submit Purchase Orders relating to mechanical maintenance.	
b)	Team - Capability to provide qualified skills 2 boilermaker and 2 Technical operator / Technical Assistant Scoring: 2 Boilermaker & 2 TO/TA = 100% 1 Boilermaker & 2 TO/TA or 2 Boilermaker & 1 TO/TA = 75% 1 Boilermaker & 1 TO/TA = 50% 0 Boilermaker & 1 TO/TA or 1 Boilermaker & 0 TO/TA = 25% 0 Boilermaker & 0 TO/TA = 0%	25%	Bidders must Submit Organogram, Share CV's and Give personnel trades to execute task.	
c)	Projects valued at R1000 000 or more in TSF maintenance support work the last 3 years. Scoring: ≥ R 1 000 000 = 100% ≥ R 750 000 = 75% ≥ R 500 000 = 50% ≥ R 250 000 = 25% < R250 000 = 0%	25%	Give reference list of projects, with values and contact numbers for verification. Share proof of purchase orders of similar work done.	
2	Finance			
	As directed by Procurement Department – Linked to Approved Supplier Database List items defined by procurement			
3	SAFETY			
3,1	Minimum Safety Training required on Foskor			

a)	MQA based Basic health and Safety, First Aid, Hira. Scoring: No Training = 0 % All relevant personal trained = 10 %	20%	Provide proof of team compliance or plan indication how compliance will be achieved.	
	Total Technical Score	100%		
Note: In order for the bid to be considered the bidder needs to score 80% and above, and comply to all mandatory requirements				

9 PRICING SCEHDULE

Item	Description	Quantity	Rate Rand/Hour	Total Price
	LABOUR			
1	Boilermaker	2		R
2	Technical operator / Technical Assistant	2		R
Total Project Value (Excl. Vat)			R	R