FOSKOR (PTY) LIMITED

SCOPE OF REQUIREMENTS

for

EXAMINATION AND LOAD TEST OF OVERHEAD CRANES AND VEHICLE POST LIFTS
(Three-year contract)

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1. INTRODUCTION

Foskor (Pty) Ltd. is an open-cast mining and beneficiation operation situated in Phalaborwa. The core business of the Phalaborwa operation is the mining and beneficiation of phosphate rock. (The Foskor operation situated in Richards Bay is primarily a producer of phosphoric acid, phosphate-based fertilizers and lower volumes of sulphuric acid)

As part of its mining and beneficiation operations Foskor has a fleet of 122 overhead cranes (OHC), vehicle post lifts and lifting machines which are subject to examinations and tests according to Foskor's operating procedure, the Occupational Health & Safety Act 2011, Driven Machinery, Regulation 18 Lifting machines & Lifting Tackle and the legislative requirements as contained in the Mines Health and Safety Act 1996, Regulation 8.5 (2).

2. BASIC REQUIREMENT

The basic requirement for this contract is that the successful bidder/service provider shall examine and load test all OHC, vehicle post lifts and lifting machines as per the attached pricing schedule, test all safety devices, inspect components and crane integrity, compile a detailed report on the condition of each OHC, vehicle post lift or lifting machine examined and tested and certify the OHC, vehicle post lift or lifting machine as safe to use. If necessary, submit a detailed quotation to repair any identified defects and abnormalities.

Examinations and tests shall be carried out in accordance with the procedures and requirements as contained in:

- SANS 10375: 2006 The inspection, testing and examination of overhead cranes, and
- SANS 71:2010 Inspection and testing of vehicle hoists

3. MINIMUM PRE-BID QUALIFICATION CRITERIA AND -REQUIREMENTS

The bidder/supplier (Company) must be a recognized service provider for the repair-, maintenance-, examination- and testing of OHC (Overhead Cranes), vehicle post lifts and similar lifting equipment and machines within the mining-, construction- and industrial industries and must comply with the following mandatory pre-qualification criteria and -requirements before any bid will be considered for technical- and/or commercial evaluation and assessment.
Provide the following supporting documents and information:

1. Confirm on an official company letterhead or -brochure to:
   a) Be a recognised service provider in the repair-, maintenance-, examination- and testing of OHC, vehicle post lifts and similar lifting equipment and machines.
      (Provide company details)
   b) Be registered as a LME (Lifting Machine Entity) registered with the Department of Labour.
      (Provide certified copy of LME registration certificate)
   c) Have in its employ a LMI (Lifting Machine Inspector) registered with the Engineering Council of South Africa.
      (Provide certified copy of LMI registration certificate)
   d) Have previous experience in the repair-, maintenance-, examination and testing of OHC, vehicle post lifts and similar lifting equipment and machines
      (Provide details of pervious service contracts or orders/projects successfully completed)
   e) Have available the necessary tools and equipment to complete the task of examining- and load testing a fleet of 118 OHC and 4 vehicle post lifts, located at the Foskor mine, Phalaborwa, within an eight (8) week period.
      (Provide details of available tools, equipment, vehicles and people of other similar sized/complex contracts or projects successfully completed during the past 24 months)

4. SCOPE

This scope defines the minimum specifications and requirements for a **three-year contract** to conduct full load tests and examinations on Foskor's overhead cranes (OHC) and vehicle post lifts as per the attached pricing schedule.

The above-mentioned examinations must include the NDT (Non-Destructive Testing), ultrasonic and magnetic particle testing of all listed OHC hooks and -hook blocks and all vehicle post lifts' welded joints.

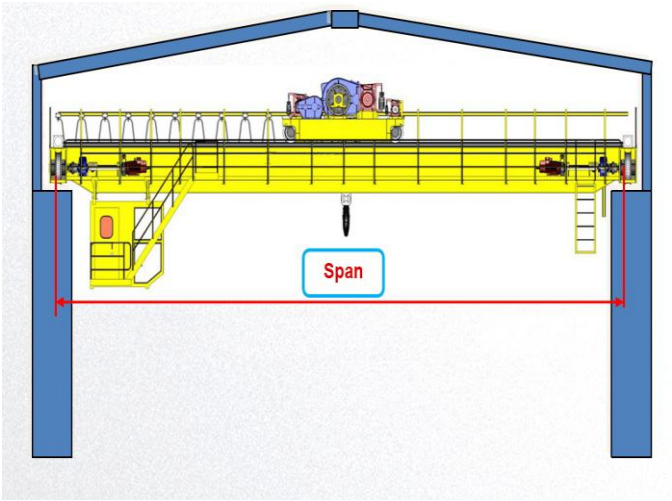
The successful bidder/service provider will be required to perform the following basic tasks:

a) Annually (2022, 2023 & 2024) examine, load test and certify OHC and vehicle post lifts as per the attached pricing schedule. (Foskor reserves the right to remove any OHC or vehicle post lift)
b) Examine, load test and certify any OHC and vehicle post lift not listed in the pricing schedule. As part of the tender process the bidder will be required to submit a Rand-per-ton price that will be used, based on OHC or vehicle post lift capacity, to calculate cost (**Rand per ton** multiplied by **SWL**).
c) Upon pre-approval, carry out any OHC or vehicle post maintenance and repairs to identified defects and abnormalities.

5. CONDITIONS

Before any official order for the above-mentioned **EXAMINATION AND LOAD TEST OF OVERHEAD CRANES AND VEHICLE POST LIFTS** is placed, the bidder shall demonstrate, if required, his ability and accreditation to manage such a contract.

Any additional specifications, terms, conditions or guarantees not mentioned in this scope may be brought to Foskor's attention during the site meeting or on the official tender.



6. BASIC SPECIFICATIONS, REQUIREMENTS AND RESPONSIBILITIES

1. The successful bidder is responsible to:
   a) Comply with all the specifications and requirements of this document.
   b) Comply to all the requirements of Foskor COP 25, Service Provider Control (Available on request).
   c) Be recognized and registered as a LME (Lifting Machine Entity) in terms of the OHS Act and have available a LMI (Lifting Machine Inspector) registered with the Engineering Council of South Africa.
   d) Be a recognized and accredited MAINTENANCE, SERVICE and REPAIR specialist of overhead cranes and lifting equipment.
   e) The successful bidder shall report any defects and irregularities noted during the execution of the examination and load test exercise.

f) If requested, carry out maintenance, service and/or repair work on defects and abnormalities as identified/reported during the execution of the inspection and load test exercise.
   i. Collect from the source of issue and deliver to the work site all required spares, materials, consumables and every required item for the work to be completed successfully.
   ii. Cost of requested repairs or maintenance requirements calculated by actual labour hours required to complete task, plus actual cost of materials, spares and consumables required (Original quotes to be attached to works quotation) plus a 10% handling fee (Unless provided by Foskor)
   iii. Ensure that all repair and maintenance work on overhead cranes and vehicle post lifts is of acceptable quality.
   iv. Provide, if requested, all applicable overhead crane maintenance and vehicle post lift and repair procedures and manuals.
g) Supply and transport to site all labour, skill, expertise and supervision.
h) Supply required PPE (Personal Protection Equipment) and safety equipment to safely carry out OHC and vehicle post lift examinations, tests and maintenance whilst working at height.
i) Be responsible for the cost of appointed sub-service providers and inspectors.
j) This contract is to be completed within three months (90 calendar days) after receiving an official order.
k) Inspection and load testing of OHC or vehicle lifts in years two (2022) and three (2023) may only be conducted during the period of two months (60 days) before expiry date. Service provider to ensure that no OHC or vehicle post lift is inspected and load tested after current expiry date.
l) Issue a data-pack for each OHC and vehicle post lift examined, and load tested. The data-pack shall contain at least the following information/documents:
   a. **TWO ORIGINAL** examination and load test certificates containing the following minimum information:
      i. OHC or vehicle post lift name, location and number.
      ii. Name, register number and qualification of LMI.
      iii. Business name and registration number of LME
      iv. Test and examination description.
      v. Date of test and inspection.
      vi. Original signature of LMI
      vii. Statement that reads **"Equipment safe to use"** (Or similar wording).
   b. Detailed report on findings and recommendations.
      i. In the case of the equipment PASSING the test, provide details including a statement that reads **"Equipment safe to use"**
      ii. In the case of the equipment FAILING the test, provide details including a statement that reads **"Equipment NOT safe to use"**
   c. Original NDT, ultrasonic and magnetic particle test results
   d. Pre-load test examination report.

2. Foskor is responsible to:
   a) Supply scaffolding or a mobile elevating work platform as and where required.
   b) Initiate inspection hold-points at its own discretion on work being carried out.

7. PRE-LOAD TEST EXAMINATION REQUIREMENTS

1. Prior to performing a load test the following items on the OHC or vehicle post lift shall be checked and inspected:
   a) All required control and warning signs and pictograms are secure and in position.
   b) All audible warning systems and working/warning lights are secure and working
   c) Crab, girder, end carriages, rails, gantry, stops or buffers, support structure, steps & ladders, walk & service platforms, handrails and all other structural components are secure and in good, safe working condition.
   d) Rope/chain anchor- and attachment points and guides are secure. Rope is lubricated.
   e) Hook, hook block, sheaves and safety catch in good and safe working order.
   f) All brakes (Long-, cross- and hoist brakes) are in good working order.
   g) All gear cases are filled to correct levels.
   h) Where visible all bearings, sheaves, gears, pinions, linkages, shafts, etc. are lubricated and in good working order.
   i) All limit switches are secured and activating properly. Overload limit switch securely mounted and connected to supply.

j) All electrical circuits, relays, terminals, fuses, brushes, contracts, etc. are clean and secure. (Notify Foskor representative if circuits, terminals and/or contactors faulty or out of specification)

k) Pendent control operating correctly (Symbols match actual travel), supply voltage 110-volt, emergency switch operating correctly, lock-out switch operating correctly and pendent securely supported and moving freely.

2. Should any defects/abnormalities be identified during the PRE-LOAD TEST EXAMINATION, a condition report with quotation must be presented to the responsible Foskor representative for consideration.

a) The quotation to repair identified defects/abnormalities to be calculated by:

i. LABOUR component (Time multiplied by rate):

(1) TIME required to successfully complete the task.

(2) RATE. Only TWO (2) skills disciplines will be considered for this contract, namely artisan / skilled and assistant / worker.

Rate to include all costs for administrative requirements, PPE and safety equipment, required tools and equipment, expertise, skill & technical support and transport & accommodation.

(See COMMERCIAL requirements for more details)

The attached pricing schedule for LABOUR RATES will be regarded as the primary quotation.

ii. SPARES & CONSUMABLES component:

(1) Unless replacement/repair spares/components are provided by Foskor, actual cost of spares, material and consumables required to complete the repair task will be calculated at cost to supplier plus 10% (Ten present) handling fee. (Minimum R300.00 Maximum R1,000.00).

(2) All spares and consumables used shall be OEM or SANS quality approved. The use of non-OEM (Original Equipment Manufacturer) spares must be brought to the attention of- and discussed with the Foskor representative.

(3) Foskor will supply all lubricant requirements.

(4) Original invoice/quote for material/spares to be attached to the official quotation.

b) Before any repair or maintenance work my commence:

i. The responsible Foskor representative shall provide the service provider with a Foskor works order or job card that must be signed-on.

ii. The standard Foskor HIRA (Hazard Identification and Risk Assessment) must be completed in order to identify any risks and take actions to mitigate the hazard.

iii. Upon completion of the repair or maintenance task the service provider must report to the responsible Foskor representative who will assess that the task has been completed satisfactorily and sign off the job card.

c) The service provider retains possession of the works order or job card and approved quotation and attaches all to the payment invoice.

The invoice must contain the following information:

i. Foskor contract order number
ii. OHC description/location & unique number
iii. Date of repairs done
iv. Foskor work order or job card number
v. Short description of repairs done

The responsible Foskor representative will remove the original works order or job card for own records.

The service provider must submit the signed and approved invoice to the Foskor Creditors department, Procurement department or as agreed for payment.

d) The service provider must keep record of all OHC, and vehicle post lifts repaired.

8. LOAD TEST REQUIREMENTS

Although inspections and load tests shall be carried out in accordance with the minimum procedures and requirements as defined in **SANS 10375: 2006 The inspection, testing and examination of overhead cranes** and **SANS 71:2010 Inspection and testing of vehicle hoists**, the following shall be complied to:

1. Each OHC shall be subjected to a load test that exceeds the OHC maximum allowable safe working capacity by no more than 110%.
2. Each vehicle post lift shall be subjected to a load equal to 110% of the maximum allowable safe working capacity
3. The test load shall be transversed over the full lifting range of the OHC or vehicle post lift to stress every part of the OHC or vehicle post lift accordingly.

4. All overloading safety devices, over winding safety devices and brakes shall be tested to be in a safe working condition.
5. The OHC or vehicle post lifts girder, rails, support columns and any other part that makes out part of the structure shall be inspected for integrity.
6. As far as practically possible, the internal and external parts of all mechanical and electrical components shall be examined and tested.
7. All ropes, chains, hooks or other attaching devices, sheaves or any other safety device or component not mentioned forming an integral part of the OHC or vehicle post lift shall be tested and/or examined.
8. “NDT”, ultrasonic testing and magnetic particle, must be performed on hooks.

9. Issue a DATA-PACK for each OHC and vehicle post lift examined, and load tested. The data-pack shall contain at least the following information/documents.
    a) **TWO ORIGINAL** examination and load test certificates containing the following minimum information:
        i. OHC or vehicle post lift name, location and number.
        ii. Name, register number and qualification of LMI.
        iii. Business name and registration number of LME
        iv. Test and examination description.
        v. Date of test and inspection.
        vi. Original signature of LMI
        vii. Statement that reads **"Equipment safe to use"** (Or similar wording).
    b) Detailed report on findings and recommendations.
        i. In the case of the equipment PASSING the test, provide details including a statement that reads **"Equipment safe to use"**
        ii. In the case of the equipment FAILING the test, provide details including a statement that reads **"Equipment NOT safe to use"**
    c) Original NDT, ultrasonic and magnetic particle test results
    d) Pre-load test examination report.
10. Should any defects or abnormalities be identified during the PRE-LOAD TEST EXAMINATION, a condition report with quotation must be presented to the responsible Foskor representative for consideration.
    (Use the same procedure and requirements as defined under the heading PRE-LOAD TEST EXAMINATION REQUIREMENTS, item 2)

9. LEGISLATIVE- AND REGULATORY REQUIREMENTS

1. The successful or appointed service provider shall comply with:
    a) Be registered as a LME (Lifting Machine Entity) in terms of the OHS Act.
    b) Have available a LMI (Lifting Machine Inspector) registered with the Engineering Council of SA
    c) The Mines Health and Safety Act with Regulations (Latest revision)
    d) The National Road Traffic Act with Regulations (Latest revision)
    e) All applicable national and international legislative requirements and regulations.
2. The successful or appointed service provider shall comply with the latest revisions of the following Foskor COP's (Compendium of Procedures) (COP's, policies and procedures are available on request):
    a) COP 17 Mobile, Technical and Process Training
    b) COP 25 for Service provider Control
    c) COP 53 Lock Out System and Usage
    d) COP 56 for lifting Machinery and Lifting Tackle
    e) COP 59 for Trackless Mobile Machinery
    f) COP 62 for General electrical installations and Electrical Machinery in Hazardous Locations
    g) COP 96 Working at Heights
    h) Any other Foskor safety, health, quality and environmental policies and procedures deemed applicable by a Foskor representative.
    i) All other Foskor procedures and policies applicable to the successful application of this contract.
3. The successful or appointed service provider shall comply with the latest revisions of the following Foskor CTD's (Critical task Descriptions) (CTD's are available on request):
    a) 2408-01 Mandatory Inspection on OHC at Dangerous Height
    b) 2408-20 OHC Operation.
    c) 2408-24 Light Delivery Vehicle Operation
    d) Any other Foskor Critical Task Descriptions and/or Safe Working Procedure deemed applicable by a Foskor representative.

4. 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. The successful or appointed service provider shall ensure that all his/her on-site employees have been authorised by a Foskor regulation 2.13.1 appointee to:
   a) Perform job specific *hazard identification and risk assessments (Foskor Annexure 1.3)*
   b) Perform lockout procedures (Foskor Annexure 53.2)
   c) Operate lifting equipment and lifting tackle (Foskor Annexure 56.17)
   d) Operate trackless mobile machinery service provider employees (Foskor Annexure 59.7B)
   e) Work at height (Foskor Annexure 96.1)
   f) Any other Foskor activity requiring authorisation as deemed applicable by a Foskor representative.
6. Before entering and operating a service vehicle (Own vehicle) on the Foskor site, the appointed service provider shall:
   a) Ensure that:
      i. To access OHC located in restricted areas, his vehicle has been fitted with an "internal safety cell" (ROPS – Roll Over Protection Structure) that has been designed, fabricated, tested and certified to comply with the requirements of ISO 3471:2008 - EARTH-MOVING MACHINERY – ROLL-OVERPROTECTIVE STRUCTURES or similar specification.
      ROPS COMPLIANCE CERTIFICATES (Fabrication and Installation) TO PRESENTED DURING VEHICLE INSPECTION (See item 5.b.ii)
      ii. His driver/s are in possession of a valid national driver's licence for the specific class of vehicle, has been tested by the Foskor mobile equipment training centre and authorised by a Foskor MHSA (Mines Health and Safety Act) regulation 2.13.1 appointee for the class of vehicle to be used on site.
      iii. His driver/s has been tested by the Foskor mobile equipment training centre and authorised by a Foskor MHSA (Mines Health and Safety Act) regulation 2.13.1 appointee to operate a vehicle in the mine open pits (Restricted or red-flag areas)
      (Contact the Foskor mobile equipment training centre on 015 789 2840 to make an appointment for competence testing and authorisations)
   b) The appointed service provider shall, before entering and operating a vehicle on the Foskor premises:
      i. Obtain permission from the Foskor Safety & Security manager to operate his nominated service vehicle/s on the Foskor site. (Forms will be provided)
      ii. Obtain a certificate of fitness from the Foskor Light Vehicle maintenance workshop supervisor or appointed Foskor inspector for his nominated service vehicle/s. Inspections conducted daily between 08:00 and 08:30 and between 13:30 and 14:00 (Excl Fridays) at the Light Vehicle Maintenance workshop.
      iii. Submit the above permission and COF in at the main security office for issue of a vehicle access disk.
   c) Ensure that his service vehicles have been inspected (Daily) in accordance with the Foskor standard (COP 59) to ensure that they are safe and fit for use. (Forms will be provided)
   d) See Foskor COP 59, Trackless Mobile Machinery for details.
6. Before entering and operating/working on the Foskor site the appointed service provider shall ensure that his driver/workmen are:
   a) Briefed on the required task and have been informed of any abnormal conditions/situations.

b) Physically, emotionally and mentally fit to perform their duty.
c) Issued with the necessary PPE (Personal Protective Equipment) to safely operate his service vehicles and perform the duty of maintaining, servicing, inspecting and testing OHC.
d) Before commencement of work:
   i. All tools and equipment shall have been inspected and tested to be in a good and safe working order.
   ii. All workmen have participated in the completion of a standard Foskor site risk assessment (Commonly known as a HIRA or Hazard Identification and Risk Assessment) and taken appropriate actions to mitigate any identified hazards.

7. Before entering and operating/working on the Foskor site the appointed service provider shall ensure that his portable electrical equipment has been tested and declared safe to use by the Foskor electrical services workshop.
8. Before accessing overhead cranes and/or vehicle post lifts whereupon work is to be conducted, the equipment shall be locked out at the power source. The lock shall be marked and tagged. The tag shall contain the service providers business name, employee name responsible for lock and contact numbers. See Foskor COP 53, Lock-out system and usage for details.
9. Before accessing an overhead crane were working at height is required (Above 2.0-meter ground level) the appointed service providers employees shall have inspected the 1) safety lanyard (Full body harness) to be of correct standard and safe to use, 2) lifeline or anchorage points and 3) that access ladders in good and safe working order. See Foskor COP 96, working at heights for details.
10. Although every effort has been made to ensure that the information contained within this document is correct, it remains the responsibility of the bidder to verify actual status and site conditions. (A site visit can be arranged)

10. PERMIT TO WORK

Before any on-site work under this contract may commence, the appointed or successful service provider shall obtain from Foskor a PERMIT TO WORK. The following guidelines are provided to assist the appointed service provider in obtaining a PERMIT TO WORK. (See Foskor COP 28, Permit to work and COP 25, Service provider control for details):

1. The PERMIT TO WORK can be obtained from- and on completion returned to the Legal Administrator, Foskor Safety department.
2. Obtain a contract or order number from the Foskor procurement department.
3. Appoint a subordinate manager in accordance with Regulation 2.6.1 and an on-site supervisor in accordance with Regulation 2.9.2 of the Mines Health and Safety Act.
   a) The appointed subordinate manager and -supervisor shall be required to write and pass the Foskor 2.6.1 and 2.9.2 legal examinations within 30 days after being awarded this contract.
   b) Attend a hour long legal exam briefing any Thursday between 08:00 and 09:00 at the Security training hall.
   c) Write legal examination any Friday between 07:30 and 10:30 at the Security training hall. (Please book)
4. Appoint an on-site SHE-Rep in accordance with section 29(1) of the MHSA to assist the Regulation 2.6.1 and 2.9.2 in the daily on-site management of health, safety and environmental issues.
   a) The designated SHE Rep must have the ability to read, write and express him/herself.
   b) The appointed SHE-Rep shall be required to attend a five day SHE-Rep training course within 30 days after being awarded this contract (Training free of charge). Make booking on 015 789 2531
   c) A pre-requisite for attending the SHE-Rep training course is successful completion of Basic Health & Safety Principals- and HIRA training. (See item 8(a) below)
   d) See Foskors COP 5 Health and Safety Representatives for details.
5. Provide a name list, including ID numbers, residential and postal addresses and telephone numbers of all of the appointed service providers' on-site employees.
6. All of the appointed service providers' on-site employees shall undergo a full medical examination at the Foskor on-site Clinix Clinic. The clinic can be contacted at 015 789 2427 for an appointment.
   (NOTE: All NEW- and Employees LEAVING the service of the appointed service provider must undergo an entry or exit medical examination)
7. The appointed service providers' designated on-site drivers shall receive competence testing and authorisation to operate vehicles on the Foskor site (See item 5 under the heading LEGISLATIVE REQUIREMENTS).

8. All the appointed service providers' employees shall receive/have received training in:
   a) - First aid level 1 (Provide own training)
      - Working at heights (Provide own training)
      - Basic Health & Safety Principals (Provide own training)
      - HIRA (Provide own training)
      - Basic firefighting. (Provide own- or receive Foskor training, contact 015 789 2531 to book)
      - Lock out. (Provide own- or receive Foskor training, contact 015 789 2531 to book)
   b) All training not provided by Foskor must be verified by the Foskor training superintendent Mr. Johan Fouche. Please contact him on 015 7789 2525 to make an appointment or alternatively email proof of training and certificates to *johanfo@foskor.co.za* to confirm compliance before requesting his approval on the PERMIT TO WORK.
9. All of the appointed service providers' on-site employees shall receive the basic Foskor site induction training at the Foskor Security office.
10. All of the appointed service providers' on-site employees shall receive site specific induction training provided by the Foskor area Regulation 2.6.1 appointee/s.
11. A HIRA (Hazard Identification and Risk Assessment) shall be completed for ALL "typical" tasks that will be completed under this contract. HIRA's to be signed by all service provider employees. Make use of Foskor's own HIRA document, Annexure 1.2, contained in of COP 1, Foskor risk management (Available on request)
12. Attach a detailed SCOPE OF WORK describing the required task and -outcome of this contract.
13. All Foskors appointed MHSA Regulation 2.9.2, 2.6.1, 2.13.1 and 3.1.a managers must undersign/approve the PERMIT TO WORK.
14. Registration and proof of payment under the Compensation for Occupational Injuries and Diseases Act, no. 130 of 1993. Registration number must be provided.
15. SARS issued tax clearance certificate.
16. All relevant documentation and/or evidence of compliance must be attached to the PERMIT TO WORK.
17. Upon successful completion and approval of the PERMIT TO WORK the security department will issue the appointed service providers' employees with access ID cards valid for 12 months.
18. Any other documents, certificates or records as requested by a Foskor official deemed necessary to ensure that all safety, legislative and administrative requirements have been met must be attached to the PERMIT TO WORK.
19. The appointed service provider must allow at least three to ten working days to complete all the PERMIT TO WORK requirements.

11. SAFETY FILE

Before any work my commence, the appointed service provider must, IN CONJUNCTION WITH THE FOSKOR SAFETY DEPARTMENT, compile a SAFETY FILE specifically for THIS contract. Contact the area responsible safety representative or attend the monthly service providers meeting every 2nd Monday of the month (3rd Monday if 1st or 2nd Monday a public holiday) at 13:30 in the Foskor Plant Training Hall)

The SAFETY FILE must always be available for inspection by a Foskor official.

12. SANS STANDARDS

Unless specifically specified, the following SANS standards and specifications will apply:

61-1	Cranes - Limiting and indicating devices Part 1: General
71	Hoists – Inspection and testing of vehicle hoists
4301-1	Cranes and lifting appliances - Classification Part 1: General
4301-5	Cranes - Classification Part 5: Overhead travelling and portal bridge cranes
4309	Cranes - Wire ropes - Care, maintenance, installation, examination and discard
4310	Cranes - Test code and procedures
7296-1	Cranes - Graphic symbols Part 1: General
7363	Cranes and lifting appliances - Technical characteristics and acceptance documents
15696	Cranes - List of equivalent terms
4302	Cranes- Wind load assessment
4304	Cranes other than mobile and floating cranes – General requirements for stability
4308	Cranes and lifting appliances – Selection of wire ropes Part 1: General

4309 Cranes – Wire ropes – Care, maintenance, installation, examination and discard
4310 Cranes – Test code and procedures
7752-5 Lifting appliances- Controls – layout and characteristics – Part 5: Overhead cranes and portal bridge cranes
8686-5 Cranes – Design principles for load and load combinations Part 5: Overhead travelling and portal bridge cranes
9373 Cranes and related equipment: Accuracy requirements for measuring parameters during testing
9374-1 Cranes – Information to be provided Part 1: General
10375 The inspection, testing and examination of overhead cranes
11630 Cranes – Measurement of wheel alignment
11660-1 Cranes – Access, guards and restraints Part 1: General
14518 Cranes – Requirements for test loads
12488-1 Cranes – Tolerances for wheels and travel and traversing tracks Part 1: General

13. AFTER SALES SERVICE

1. Full guarantee of all maintenance and repair work for at least 12 months after date of acceptance.
2. Full description of planned support during and after guarantee period.

14. COMMERCIAL

1. This contract will be based on a ***"FIXED PRICE PER OVERHEAD CRANE"*** examined, load tested and issued with, as required, a certified examination report and -"safe-to-use" certificate**.** Irrespective of how many workmen or resources are allocated to each OHC examination and test, price to be inclusive of:
   - Cost for skilled labour (LMI, Artisan, Supervisor, etc.)
   - Cost for all workers / assistants
   - Cost for supply and transport of test weights
   - Cost for NDT, ultrasonic and magnetic particle tests
   - Cost for all administrative requirements
   - Cost for all materials and consumables (Not spares)
   - Cost for all PPE and safety equipment
   - Cost for all tools and required equipment
   - Cost for expertise, skill and technical support
   - Cost for all transport and accommodation
   - Cost for issue of examination, NDT and applicable reports
   - Cost for issue of LMI approved load test certificate (Two copies)
   - Costs for all general and/or legislative obligations
   - Any other P&G's and/or other items of expense to ensure that the task is carried out according to requirement.

   The attached pricing schedule will be regarded as the primary quotation.
2. **"*SITE ESTABLISHMENT AND DE-ESTABLISHMENT COSTS*"** (if applicable) to be quoted separately and to be inclusive of:
   - Cost to transport all workers / assistants to / from site
   - Cost to transport all tools and equipment to / from site
   - Cost for all workers / assistant's accommodation
   - Cost for supply and transportation of all test weights
   - Cost for all administrative requirements
   - Cost to get sub-contractors on-site (NDT specialists, etc)
   - Cost to obtain the Permit to Work (See item 10 above)
   - Cost to comply and appoint a MHSA 2.6.1 subordinate manager and a MHSA 2.9.2 site supervisor. (See item 10.3 above)
   - Cost to comply with vehicle (ROPS) and vehicle operator requirements. (See item 9.5 above)
   - Any other P&G's and/or other items of expense to ensure that the task is carried out according to requirement.

3. For all OHC or vehicle post lifts not listed in the pricing schedule, the bidder is required to submit a ***"RAND-PER-TON RATE"*** that will be used, based on lifting capacity, to calculate actual cost of examination, test and certification. Price to be inclusive of all cost items as listed in 1 above.
   The attached pricing schedule will be regarded as the primary quotation.
4. For all maintenance and repair work the bidder is required to submit a ***"HOURLY LABOUR RATE"***.
   Rate to be inclusive of:
   - Cost for all labour and supervision
   - Cost for all administrative requirements
   - Cost for all materials and consumables
   - Cost for all PPE and safety equipment
   - Cost for all tools and required equipment
   - Cost for expertise, skill and technical support
   - Cost for all transport and accommodation
   - Any other items of expense to ensure that the task is carried out according to agreed requirement/procedure

   The attached pricing schedule will be regarded as the primary quotation.
5. Tender prices are to be exclusive of VAT
6. All service provider site establishments, general/legislative obligations and all/any expenditures required to successfully complete the contract to be included in the rate.
   The attached pricing schedule will be regarded as the primary quotation.
7. Quotation prices to be valid for the duration of the contract period.
8. If any minimum requirements may alter or be added for whatever reason, it will be brought to the attention of the supplier before the closing date for the submission of tenders.
9. Foskor (Pty) Ltd reserves the right to remove any OHC or vehicle lift from the pricing schedule before awarding an official order.
10. Any other optional support or guarantee not mentioned in this scope may be noted on the official tender

THE ATTACHED PRICING SCHEDULE, OR SIMILAR FORMATTED SUBMISSION, WILL BE REGARDED AS THE PRIMARY QUOTATION

Bidder to include separate prices for year 1, year 2 and year 3 .

15. EVALUATION CRITERIA AND BID ASSESSMENT

As part of the process to assist with the evaluation of the bidder's proposal/quotation and to make an informed decision in the awarding of this contract, the following information is required:

Pre-qualification	Component description	Weight actual	Notes
1.1 Lifting Machine Entity certificate	Accredited LME (Lifting Machine Entity) registration certificate with the Department of Labour.	Pass/Fail	
1.2 Lifting Machine Inspector certificate	Accredited LMI (Lifting Machine Inspector in the employ of the LME) registration certificate with the Engineering Council of South Africa.	Pass/Fail	

	Evaluation Criteria (Technical)			
	Mills Major Components replacements			
No	**Technical Criteria Description**	**% Scoring**	**Proof/documents to be submitted**	**Notes**
1	**Company Experience, Capacity and Capability**			
a	Company experience– Previous similar testing, examining, servicing, maintaining and working on overhead cranes work in the last 5 years in concentrate plant. Scoring: 0 - 1 year = 0%; 1 - 2 years = 25%; 2 - 3 years = 50%; 3 - 4 years = 75% > 4 years = 100%	**30%**	Provide Five (5) references of similar/same contracts awarded in past 60 months. Provide the following information/details: a) Short description of contract type (e.g. Location, Previous similar mechanical maintenance, repair and replacement of mill major components work, type of environment e.g. mining, factory, construction site, etc). b) Address/site of contract. c) Name and telephone/cell number of client contact person/s **References may be provided in the form of a Purchase Order (PO), contract, completion certificate, or reference letter**.	
b	**Team capability.** Provide title descriptions and number of employees to be allocated to this contract. Provide an abbreviated (Max 1 page) CV (Curriculum Vitae) each person's qualifications, competencies and experience specific in examining, testing, servicing and maintaining overhead cranes and vehicle post lifts. a) Managerial (Minimum 1, will be appointed as Mines Health and Safety Act 2.6.1 appointee) = 20% b) Supervisory (Minimum 1, will be appointed as Mines Health and Safety Act 2.9.2 appointee) = 20%	**40%**	Provide an abbreviated (Max 2 page) CV (Curriculum Vitae) and each person's qualifications, competencies and experience.	

	c) On site LMI (Lifting Machine Inspector) registered with the Engineering Council of South Africa. = 20% (Can also be 2.6.1 appointee) d) Skilled (LMI) = 20% e) Semi-skilled = 20%			
2	**Company Quality management**			
	Quality Planning, Quality assurance/control plan, Quality Control **Scoring:** **No Quality Plan = 0; Quality Plan not signed off = 25 %; Quality Plan signed off = 100 %**	**20%**	Provide documentation of one (1) previous signed off Project plan.	
	MQA based Basic health and Safety, First Aid, Hira. **Scoring:** **No Training = 0%** **All relevant personal trained = 100%**	**10%**	Bidder must submit certificates of employees for Basic health and Safety, First Aid, Hira.	
		100%		
	Note: For the bid to be considered the bidder needs to score 70% and above, and comply to all mandatory requirements			

TAKE NOTE: 1) Any bidder/service provider that fails to comply or to provide/include/supply requested information and/or copies of all requested supporting certificates and documents will result in a reduced evaluation score that could adversely affect the bidder/service providers chance of being awarded this contract/order.

2) Any MANDATORY REQUIREMENT not met will result in immediate rejection of bid/quotation.

3) **Any bid/quotation with an evaluation score of less than 70% will not be considered.**

16. QUALITY ASSURANCE

Quality assurance of services rendered is the responsibility of the service provider. Omission from any prescribed or agreed upon procedure or service that could have an adverse effect on the quality of the service provided and/or any maintenance and repair work will be brought to the attention of the supplier. Failure by the supplier to correct any reported defects or to show objective evidence of acceptable conformance to requirements will result in immediate termination of contract.

PRICING SCHEDULE
for
OVERHEAD CRANE AND VEHICLE POST LIFT
EXAMINATION AND LOAD TEST

	FOSKOR UNIT NO	UNIT DESCRIPTION AND CAPACITY	RATE EACH (RAND / Excl VAT)		
			Year 1	Year 2	Year 3
	VEHICLE POST LIFTS				
1	2410LFT01	Lift 1 Two post light vehicle LVM w/shop	R	R	R
2	2410LFT02	Lift 2 Two post light vehicle LVM w/shop	R	R	R
3	2410LFT03	Lift 3 Four post light vehicle LVM w/shop	R	R	R
4	2469LFT01	Four post light vehicle Apprentice w/shop	R	R	R
	SPECIALTY DEVICES / LIFTS				
5	2580RS465	OHC Single 210L Drum Transport Stores	R	R	R
6	2408L6	Loadcell Calibration Rigg Fitter workshop	R	R	R
	HOIST LIFTS				
7	2228HST001	Hoist 1.5T Pump C/Reclean DSF	R	R	R
8	2804HT001	Hoist 2T Intermediate Silo Maint Ext 8	R	R	R
9	2808HT001	Hoist 3T Thickener Tunnel Tail Ext 8	R	R	R
10	2226HST001	Hoist 3T Feed Split Flotation DSF	R	R	R
11	2227HST001	Hoist 3T Scalp Cyclone and Tank DSF	R	R	R
	TANDEM OVERHEAD CRANES (M/H = Main Hoist A/H = Auxiliary Hoist)				
12	2414Y0020	Crane OH 10T M/H Sec Crush workshop	R	R	R
13	2414Y0021	Crane OH 5T A/H Sec Crush workshop	R	R	R
14	2410Y250	OHC 12T Condra M/H LVM workshop	R	R	R
15	2410Y252	OHC 5T Condra A/H LVM workshop	R	R	R
16	2401Y0025	Crane OH 20T M/H Diesel workshop	R	R	R
17	2401Y0026	Crane OH 5T A/H Diesel workshop	R	R	R
18	2830CRN001	Crane OH 20T M/H Mills De-Bottleneck	R	R	R
19	2830CRN002	Crane OH 5T A/H Mills De-Bottleneck	R	R	R
20	2138Y103	Crane OH 30T M/H Sec East Crusher	R	R	R
21	2138Y102	Crane OH 5T A/H Sec East Crusher	R	R	R
22	2132Y172	Crane OH 30T M/H Sec West Crusher	R	R	R
23	2132Y171	Crane OH 7.5T A/H Sec West Crusher	R	R	R
24	2201Y275	Crane OH 30T M/H AC Mills	R	R	R
25	2201Y276	Crane OH 5T A/H AC Mills	R	R	R
26	2498Y0250	Crane OH 40T M/H Truck Maint w/shop	R	R	R
27	2498Y0252	Crane OH 20T A/H Truck Maint w/shop	R	R	R
28	2202Y271	Crane OH 45T M/H Vecor Mills	R	R	R
29	2202Y272	Crane OH 4.5T A/H Vecor Mills	R	R	R
30	2131Y010	Crane OH 75T M/H Tandem Prim North	R	R	R
31	2131Y011	Crane OH 10T A/H Tandem Prim North	R	R	R
32	2136Y050	Crane OH 80T M/H East Prim Crusher	R	R	R
33	2136Y060	Crane OH 15T A/H East Prim Crusher	R	R	R
34	2136Y001	Crane OH 5T Underslung East Prim--Cru	R	R	R

	FOSKOR UNIT NO	UNIT DESCRIPTION AND CAPACITY	RATE EACH (Including escalation 2026 and 2027) (RAND / Excl VAT)		
			Year 1	Year 2	Year 3
35	2710CRN01	Crane OH 115T M/H South Prim Crusher	R	R	R
36	2710CRN02	Crane OH 30T A/H South Prim Crusher	R	R	R

	0.5 TON (500kg) OVERHEAD CRANES				
37	2305Y2	Crane OH 500Kg C/H Dispatch	R	R	R
38	2305Y3	Crane OH 500Kg C/H Dispatch	R	R	R
	1.0 TON OVERHEAD CRANES				
39	2578Y252	Crane OH 1T C/H Stores Receiving	R	R	R
40	2405Y251	Crane OH 1T C/H Flotation Boil	R	R	R
41	2262Y253	Crane OH 1T C/H B/Pumps	R	R	R
	1.3 TON OVERHEAD CRANES				
42	2262Y252	Crane OH 1.3T Bushpumps Thickener	R	R	R
	2.0 TON OVERHEAD CRANES				
43	2406Y001	Crane OH 2T Flot/Filtr Elec workshop	R	R	R
44	2806HC001	Crane OH 2T Silo 1 Fine Product	R	R	R
45	2805HT006	Crane OH 2T Loesch Mill Feed	R	R	R
46	2803HT001	Crane OH 2T Ext 8 Crush Building	R	R	R
47	2408Y254	OHC 2T Condra Fitter W/S	R	R	R
48	2408Y253	OHC 2T Condra Fitter W/S	R	R	R
	2.4 TON OVERHEAD CRANES				
49	2580RS463	OHC 2400kg Oil Drum Transport Stores	R	R	R
50	2580RS464	OHC 2400kg Oil Drum Transport Stores	R	R	R
	3.0 TON OVERHEAD CRANES (C/H = Chain Hoist)				
51	2469Y1	Crane OH 3T C/H Apprentice shop	R	R	R
52	2276Y96	Crane OH 3T C/H Emergency Sump Tai	R	R	R
53	2264Y250	Crane OH 3T Fedex Pump Floor	R	R	R
54	2262Y251	Crane OH 3T Bushpumps Floor	R	R	R
55	2261Y249	Crane OH 3T C/H Old Filters	R	R	R
56	2261Y250	Crane OH 3T C/H Old Filters	R	R	R
57	2261Y252	Crane OH 3..2T Morris New Filters	R	R	R
58	2261Y253	Crane OH 3T C/H New Filters	R	R	R
59	2217Y281	Crane OH 3T Milling Buffer Dam	R	R	R
60	2407Y739	Crane OH 3T D & D Mech workshop	R	R	R
61	2803HT002	Crane OH 3T Ext 8 Crush Building	R	R	R
62	2138Y101	Crane OH 3T C/H Sec East	R	R	R
63	2481Y201	Crane OH 3T Pipe Manufacturing	R	R	R
64	2132Y135	Crane OH 3T Sec West Conv 102	R	R	R
65	2132Y132	Crane OH 3T Sec West Conv 103	R	R	R
66	2409Y255	OHC 3T Condra Boiler W/S	R	R	R
67	2409Y254	OHC 3T Condra Boiler W/S	R	R	R
68	2276Y94	Crane OH 3T 800 H/Water Pumps	R	R	R
69	2204Y252	Crane OH 3T C/H Filter Bushpumps	R	R	R
70	2208Y255	Crane OH 3T PMC Receiving Pump	R	R	R
71	2201Y2	Crane OH 3T C/H Milling Bunker	R	R	R
72	2132Y342	Crane OH 3T Sec West Conv 105	R	R	R
	4.0 TON OVERHEAD CRANES				
73	2805HT005	Crane OHC 4 Ton Morris Ext 8	R	R	R
	4.5 TON OVERHEAD CRANES				
74	2404Y274	Crane OH 4.5T Milling Mech workshop	R	R	R

	FOSKOR UNIT NO	**UNIT DESCRIPTION AND CAPACITY**	**RATE EACH** (Including escalation 2026 and 2027) **(RAND / Excl VAT)**		
			Year 1	**Year 2**	**Year 3**
	5.0 TON OVERHEAD CRANES				
75	2820CRN002	Crane OH 5T Crusher De-Bottleneck	R	R	R

76	2405Y001	Crane OH 5T Flotation ws	R	R	R
77	2419Y250	Crane OH 5T Compressor Plant	R	R	R
78	2801CN002	Crane OH 5T Ext 8 Comp House	R	R	R
79	2415Y250	Crane OH 5T C/H Filtration workshop	R	R	R
80	2276Y100	Crane OH 5T TTPS Bridge	R	R	R
81	2276Y98	Crane OH 5T South Drain	R	R	R
82	2276Y97	Crane OH 5T Main Drain	R	R	R
83	2210Y258	Crane OH 5T F Bank Conditioner	R	R	R
84	2276Y95	Crane OH 5T Receiving Pump Station	R	R	R
85	2204Y250	Crane OH 5T 200FT Thickener	R	R	R
86	2211Y253	Crane OH 5T G-Bank workshop	R	R	R
87	2405Y252	Crane OH 5T Flotation workshop	R	R	R
88	2407Y740	Crane OH 5T D&D Mech workshop	R	R	R
89	2408Y252	Crane OH 5T Fitter workshop	R	R	R
90	2601Y250	Crane OH 5T Elec Services workshop	R	R	R
91	2212Y250	Crane OH 5T H Bank Flotation	R	R	R
92	2498Y0251	Crane OH 5T Truck workshop	R	R	R
	7.5 TON OVERHEAD CRANES				
93	2516CRN001	Crane OH 7.5T Bearing Mech workshop	R	R	R
94	2416Y1	Crane OH 7.5T Tailings Mech workshop	R	R	R
	10.0 TON OVERHEAD CRANES				
95	2830CRN003	Crane OH 10T Ext.-8 Rod Yard	R	R	R
96	2580LFT1	Crane OH 10T Conv Transport Stores	R	R	R
97	2580Y251	Crane OH 10T Stores W1	R	R	R
98	2228CRN001	Crane OH 10T Clean Area - DSF	R	R	R
99	2213Y251	Crane OH 10T Cyfos Pumps	R	R	R
100	2209Y256	Crane OH 10T E Bank Cells	R	R	R
101	2209Y257	Crane OH 10T E Bank Flotation	R	R	R
102	2210Y257	Crane OH 10T F Bank Flotation	R	R	R
103	2580Y250	Crane OH 10T Stores M3	R	R	R
104	2409Y252	Crane OH 10T Boiler workshop	R	R	R
105	2279Y95	Crane OH 10T RWPS	R	R	R
106	2261Y251	Crane OH 10T New Filters	R	R	R
	12.0 TON OVERHEAD CRANES				
107	2808CN001	Crane OH 12T Tail Pump House	R	R	R
108	2262Y250	Crane OH 12T Bushpumps Filtration	R	R	R
	12.5 TON OVERHEAD CRANES				
109	2276Y91	Crane OH 12.5T 300FT Building	R	R	R
	15.0 TON OVERHEAD CRANES				
110	2807CN001	Crane OH 15T Ext 8 Flotation Building	R	R	R
111	2801CN001	Crane OH 15T Ext 8 Dry Mech workshop	R	R	R
112	2276Y80	Crane OH 15T TTPS Building 1	R	R	R
113	2276Y81	Crane OH 15T TTPS Outside 1	R	R	R
114	2276Y82	Crane OH 15T TTPS Building 2	R	R	R
115	2264Y251	Crane OH 15T Fedex Ball Mills	R	R	R
116	2227CRN001	Crane OH 15T Flotation Rough/Scavngr	R	R	R
117	2410Y251	Crane OH 15T Loco Shed	R	R	R

	FOSKOR UNIT NO	**UNIT DESCRIPTION AND CAPACITY**	**RATE EACH** (Including escalation 2026 and 2027) **(RAND / Excl VAT)**		
			Year 1	**Year 2**	**Year 3**
	20.0 TON OVERHEAD CRANES				
118	2201Y278	Crane OH 20T Milling Rod Yard	R	R	R

119	2820CRN001	Crane OH 20T Crusher De-Bottle	R	R	R
120	2803CRN001	Crane OH 20T Ext 8 Crush Build	R	R	R
35.0 TON OVERHEAD CRANES					
121	2805HT002	Crane OH 35T Loesche Mill North	R	R	R
122	2805HT003	Crane OH 35T Loesche Mill South	R	R	R

	RAND-PER-TON RATE FOR INSPECTION, TESTING AND CERTIFICATION OF OHC OR VEHICLE LIFTS NOT LISTED ABOVE (Including escalation 2026 and 2027) **(Cost = R/Ton X SWL)**		
CAPACITY / SWL	**Year 1**	**Year 2**	**Year 3**
0 to 10 Ton	R/Ton	R/Ton	R/Ton
10.1 to 30 Ton	R/Ton	R/Ton	R/Ton
30.1 to 50 Ton	R/Ton	R/Ton	R/Ton
Above 50.1 Ton	R/Ton	R/Ton	R/Ton

		HOURLY LABOR RATE FOR OHC OR VEHICLE POST LIFT MAINTENANCE AND REPAIR WORK (Including escalation 2026 and 2027)		
		NORMAL TIME Monday to Friday 06:30 to 17:00	**1,5 TIME** After hours, excluding Sundays & public holidays	**DOUBLE TIME** Sundays and Public holidays
Year 1	**Skilled (LMI/Artisan)**	R	R	R
	Worker / Assistant	R	R	R
Year 2	**Skilled (LMI/Artisan)**	R	R	R
	Worker / Assistant	R	R	R
Year 3	**Skilled (LMI/Artisan)**	R	R	R
	Worker / Assistant	R	R	R

BIDDER: _____ _____ _____

SIGNATURE DESIGNATION DATE

COMPANY STAMP