

FOSKOR



FOSKOR (PTY) LIMITED

SCOPE OF REQUIREMENTS

TO

**SERVICE AND MAINTAIN OVERHEAD CRANES AND
VEHICLE POST LIFTS**

(3 year contract, Mechanical and Electrical)

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1. INTRODUCTION

Foskor (Pty) Ltd. is an opencast 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 116 OHC (Overhead Cranes) and 4 vehicle post lifts to assist with operational and maintenance requirements. In order to maintain the cranes and vehicle post lifts in a safe and serviceable condition they are subject to scheduled and non-scheduled services and maintenance requirements.

2. SCOPE

This scope covers the minimum specifications and requirements to provide the service, as required from time-to-time, to service and/or maintain its OHC and vehicle post lifts. The service provider must also be prepared to provide the service after normal working hours and over weekends or public holidays.

This contract will cover MECHANICAL and ELECTRICAL maintenance requirements and, if required, examinations, LOAD TESTING and certification of OHC or vehicle post lifts. The Foskor Fitter workshop will be responsible for all MECHANICAL service- and maintenance requirements, whilst each area responsible electrical maintenance workshop will be responsible for all ELECTRICAL service- and maintenance requirements.

Any additional specifications, terms, conditions or guarantees not mentioned in this scope may be brought to Foscors attention on the official tender.

(It is the responsibility of the BIDDER to evaluate the Foskor site, actual working conditions and specifications of individually installed OHC and/or vehicle post lifts. A site visit can be arranged.)

3. BASIC REQUIREMENT

This is a service contract, it is thus expected from the successful bidder/service provider to, upon receiving a service/repair request from a nominated Foskor official (Telephonically, verbally, email, issue or work order/job card or otherwise), to within 24 hours commence with the service/repair task and within 60 minutes in the case of an urgent or breakdown/call-out repair request.

The following OHC- and vehicle post lifts will form part of this service contract. Bidder to take note that due to operational requirements OHC- and vehicle post lifts may be removed or added to this service contract.

VEHICLE POST LIFTS

- | | | | |
|---|--|---|---|
| 1 | Lift 1 Two post light vehicle LVM w/shop | 3 | Lift 3 Four post light vehicle LVM w/shop |
| 2 | Lift 2 Two post light vehicle LVM w/shop | 4 | Four post light vehicle Apprentice w/shop |

HOIST LIFTS

- | | | | |
|---|--|---|-------------------------------------|
| 5 | Hoist 1.5T Pump C/Reclean DSF | 8 | Hoist 3T Feed Split Flotation DSF |
| 6 | Hoist 2T Intermediate Silo Maint Ext 8 | 9 | Hoist 3T Scalp Cyclone and Tank DSF |
| 7 | Hoist 3T Thickener Tunnel Tail Ext 8 | | |

TANDEM OVERHEAD CRANES (M/H = Main Hoist A/H = Auxiliary Hoist)

10	Crane OH 10T M/H Sec Crush workshop	22	Crane OH 30T M/H AC Mills
11	Crane OH 5T A/H Sec Crush workshop	23	Crane OH 5T A/H AC Mills
12	OHC 12T Condra M/H LVM workshop	24	Crane OH 40T M/H Truck Maint w/shop
13	OHC 5T Condra A/H LVM workshop	25	Crane OH 20T A/H Truck Maint w/shop
14	Crane OH 20T M/H Diesel workshop	26	Crane OH 45T M/H Vecor Mills
15	Crane OH 5T A/H Diesel workshop	27	Crane OH 4.5T A/H Vecor Mills
16	Crane OH 20T M/H Mills De-Bottleneck	28	Crane OH 75T M/H Tandem Prim North
17	Crane OH 5T A/H Mills De-Bottleneck	29	Crane OH 10T A/H Tandem Prim North
18	Crane OH 30T M/H Sec East Crusher	30	Crane OH 80T M/H East Prim Crusher
19	Crane OH 5T A/H Sec East Crusher	31	Crane OH 15T A/H East Prim Crusher
20	Crane OH 30T M/H Sec West Crusher	32	Crane OH 5T Underslung East Prim--Cru
21	Crane OH 7.5T A/H Sec West Crusher	33	Crane OH 115T M/H South Prim Crusher
		34	Crane OH 30T A/H South Prim Crusher

0.5 TON (500kg) OVERHEAD CRANES

35	Crane OH 500Kg C/H Dispatch	36	Crane OH 500Kg C/H Dispatch
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1.0 TON OVERHEAD CRANES

37	Crane OH 1T C/H Stores Receiving	39	Crane OH 1T C/H B/Pumps
38	Crane OH 1T C/H Flotation Boil		

1.3 TON OVERHEAD CRANE

40	Crane OH 1.3T Bushpumps Thickener
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2.0 TON OVERHEAD CRANES

41	Crane OH 2T Flot/Filtr Elec workshop	44	Crane OH 2T Ext 8 Crush Building
42	Crane OH 2T Silo 1 Fine Product	45	OHC 2T Condra Fitter W/S
43	Crane OH 2T Loesch Mill Feed	46	OHC 2T Condra Fitter W/S

2.4 TON OVERHEAD CRANES

47	OHC 2400kg Oil Drum Transport Stores	48	OHC 2400kg Oil Drum Transport Stores
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3.0 TON OVERHEAD CRANES (C/H = Chain Hoist)

49	Crane OH 3T C/H Apprentice shop	60	Crane OH 3T C/H Sec East
50	Crane OH 3T C/H Emergency Sump Tai	61	Crane OH 3T Pipe Manufacturing
51	Crane OH 3T Fedex Pump Floor	62	Crane OH 3T Sec West Conv 102
52	Crane OH 3T Bushpumps Floor	63	Crane OH 3T Sec West Conv 103
53	Crane OH 3T C/H Old Filters	64	OHC 3T Condra Boiler W/S
54	Crane OH 3T C/H Old Filters	65	OHC 3T Condra Boiler W/S
55	Crane OH 3.2T Morris New Filters	66	Crane OH 3T 800 H/Water Pumps
56	Crane OH 3T C/H New Filters	67	Crane OH 3T C/H Filter Bushpumps
57	Crane OH 3T Milling Buffer Dam	68	Crane OH 3T PMC Receiving Pump
58	Crane OH 3T D & D Mech workshop	69	Crane OH 3T C/H Milling Bunker
59	Crane OH 3T Ext 8 Crush Building	70	Crane OH 3T Sec West Conv 105

4.0 TON OVERHEAD CRANE

71	Crane OHC 4 Ton Morris Ext 8
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4.5 TON OVERHEAD CRANE

72	Crane OH 4.5T Milling Mech workshop
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5.0 TON OVERHEAD CRANES

73	Crane OH 5T Crusher De-Bottleneck	82	Crane OH 5T Receiving Pump Station
74	Crane OH 5T Flotation ws	83	Crane OH 5T 200FT Thickener
75	Crane OH 5T Compressor Plant	84	Crane OH 5T G-Bank workshop
76	Crane OH 5T Ext 8 Comp House	85	Crane OH 5T Flotation workshop
77	Crane OH 5T C/H Filtration workshop	86	Crane OH 5T D&D Mech workshop
78	Crane OH 5T TTPS Bridge	87	Crane OH 5T Fitter workshop
79	Crane OH 5T South Drain	88	Crane OH 5T Elec Services workshop
80	Crane OH 5T Main Drain	89	Crane OH 5T H Bank Flotation
81	Crane OH 5T F Bank Conditioner	90	Crane OH 5T Truck workshop

7.5 TON OVERHEAD CRANES

- | | | | |
|----|-------------------------------------|----|--------------------------------------|
| 91 | Crane OH 7.5T Bearing Mech workshop | 92 | Crane OH 7.5T Tailings Mech workshop |
|----|-------------------------------------|----|--------------------------------------|

10.0 TON OVERHEAD CRANES

- | | | | |
|----|------------------------------------|-----|-------------------------------|
| 93 | Crane OH 10T Ext.-8 Rod Yard | 99 | Crane OH 10T E Bank Flotation |
| 94 | Crane OH 10T Conv Transport Stores | 100 | Crane OH 10T F Bank Flotation |
| 95 | Crane OH 10T Stores W1 | 101 | Crane OH 10T Stores M3 |
| 96 | Crane OH 10T Clean Area - DSF | 102 | Crane OH 10T Boiler workshop |
| 97 | Crane OH 10T Cyfos Pumps | 103 | Crane OH 10T RWPS |
| 98 | Crane OH 10T E Bank Cells | 104 | Crane OH 10T New Filters |

12.0 TON OVERHEAD CRANES

- | | | | |
|-----|------------------------------|-----|-----------------------------------|
| 105 | Crane OH 12T Tail Pump House | 106 | Crane OH 12T Bushpumps Filtration |
|-----|------------------------------|-----|-----------------------------------|

12.5 TON OVERHEAD CRANE

- 107 Crane OH 12.5T 300FT Building

15.0 TON OVERHEAD CRANES

- | | | | |
|-----|---------------------------------------|-----|--------------------------------------|
| 108 | Crane OH 15T Ext 8 Flotation Building | 112 | Crane OH 15T TTPS Building 2 |
| 109 | Crane OH 15T Ext 8 Dry Mech workshop | 113 | Crane OH 15T Fedex Ball Mills |
| 110 | Crane OH 15T TTPS Building 1 | 114 | Crane OH 15T Flotation Rough/Scavngr |
| 111 | Crane OH 15T TTPS Outside 1 | 115 | Crane OH 15T Loco Shed |

20.0 TON OVERHEAD CRANES

- | | | | |
|-----|--------------------------------|-----|--------------------------------|
| 116 | Crane OH 20T Milling Rod Yard | 118 | Crane OH 20T Ext 8 Crush Build |
| 117 | Crane OH 20T Crusher De-Bottle | | |

35.0 TON OVERHEAD CRANES

- | | | | |
|-----|---------------------------------|-----|---------------------------------|
| 119 | Crane OH 35T Loesche Mill North | 120 | Crane OH 35T Loesche Mill South |
|-----|---------------------------------|-----|---------------------------------|

4. MINIMUM PRE BID QUALIFICATION CRITERIA AND -REQUIREMENTS

The bidder/supplier (Company) must be a recognized service provider for the REPAIR-, MAINTENANCE-, EXAMINATION-, TESTING and CERTIFICATION (As safe-to-use) 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 and)
 - e) Have available the necessary premises (Workshop), tools and equipment to service, maintain, examine, test and certify overhead cranes and vehicle post lifts.
(Provide details of premises (Workshop) and available tools, equipment, vehicles and people to successfully manage this contract)
- 2) CIPIC certificate (Companies and Intellectual Property Commission) as a service provider in the repair and maintenance-, examination-, testing- and certification of OHC and similar lifting machines and -equipment.
- 3) Registration (Number must be provided) and proof of payment under the Compensation for Occupational Injuries and Diseases Act, no. 130 of 1993.
- 4) Registration on the CSD (Central Supplier Database) of National Treasury.
- 5) SARS (South African Revenue Services) letter of good standing
- 6) Proof of business address in terms of FICA (Financial Intelligence Centre Act 38 of 2001), eg water and lights account.

5. REQUIREMENTS AND WORKING PROCEDURE

1) STANDARD SERVICE

- a) Upon receiving an official request to service an OHC or vehicle post lift (Foskor works order or job card), the service provider shall plan and co-ordinate the service together with the Foskor representative (Workshop supervisor, planner or their representative).
- b) Cost of service shall be a single fixed rate per OHC category or vehicle post lift, namely:
 - i) 0 – 10 tons OHC
 - ii) 10 - 50 tons OHC
 - iii) Above 50-tons OHC
 - iv) 3 & 4 Tons vehicle post lifts

Rate shall include all labour and supervision (Irrespective of how many people the service provider assigns to a task, only one all-inclusive rate will apply), PPE and tool requirements, site establishment (Cost of transport to-and-from the Foskor site/OHC/vehicle post lift) and any other item of expense required to successfully complete a standard service. (Refer to COMMERCIAL requirements for official quoting)

- c) The following items/tasks shall be completed/performed as part of a:

STANDARD OHC SERVICE - MECHANICAL:

- i) Check if all required control and warning signs and pictograms are secure and in position.
- ii) Check if all audible warning systems and working/warning lights are secure and working
- iii) Inspect crab, girder, end carriages, rails, gantry, stops or buffers, support structure, steps & ladders, walk & service platforms, hand rails and all other structural components if secure and in good, safe working condition.
- iv) Check rope/chain anchor- and attachment points, guide and lubricate.
- v) Check hook, hook block, sheaves and safety catch.
- vi) Check and adjust brakes (Long-, cross- and hoist brakes).
- vii) Check and if required fill gear cases to correct levels (Foskor will supply lubricants)
- viii) Lubricate bearings, sheaves, gears, pinions, linkages, shafts, etc (Foskor will supply lubricants)
- ix) Check and adjust all load and limit switches. **(Load limit switch to be removed, taken to Foskor Fitter workshop to check calibration. If required an alternate overload switch will be supplied)**

STANDARD OHC SERVICE - ELECTRICAL:

- i) Check if all required control and warning signs and pictograms are secure and in position.
- ii) Check if all audible warning systems and working/warning lights are secure and working
- iii) Clean and inspect electrical circuits, relays, terminals, fuses, brushes, contacts, etc. for proper and correct operation as per applicable SANS standards.
- iv) Check that the voltage at pendant push-buttons does not exceed 150V a.c. Report any installation which does not comply to the responsible engineer for actioning.
- v) Check that pendant control box in good and sound condition with no visible defects
- vi) Inspect pendant control operation (Symbols match actual travel), voltage, emergency switch operation, pendant support and free movement.

STANDARD VEHICLE POST LIFT SERVICE - MECHANICAL:

- i) Check if all required control and warning signs and pictograms are secure and in position, including vehicle lifting information, lift safety labelling, capacity labelling and that annual lift inspection label is readable and valid
- ii) Examine all accessible structural components, including welds, for any evidence of overloading, misuse or abuse.
- iii) Check rope anchor- and attachment points, guide and lubricate.
- iv) Check that all lubrication points are clean and lubricated.
- v) Check cables for excessive slack
- vi) Check all fastening devices for tightness and proper fit.
- vii) Check lift controls to ensure accessibility and an automatic return to the neutral or "off" position when released.
- viii) Check the lowering and lifting speed and operation over the full up and down travel of the lift. Arms or platform must remain level and horizontal
- ix) Check the operation of the positive stop and ensure that the lift locks engage in a fully extended position.

STANDARD VEHICLE POST LIFT SERVICE - ELECTRICAL:

- i) Check if all required control and warning signs and pictograms are secure and in position.
- ii) Clean and inspect electrical circuits, relays, terminals, fuses, brushes, contacts, etc. for proper and correct operation as per applicable SANS standards.
- iii) Check that all power supply cables are securely fixed and in good condition.
- iv) Check that control box in good and sound condition with no visible defects
- d) Before any work may commence:
 - i) The attached REQUEST FOR OVERHEAD CRANE- or VEHICLE POST LIFT SERVICE must be completed and approved.
 - ii) The REQUEST FOR OVERHEAD CRANE- or VEHICLE POST LIFT SERVICE is attached to the work order / job card.
 - iii) The Foskop works order or job card must be signed-on by the designated Foskop representative.
 - iv) The standard Foskop HIRA (Hazard Identification and Risk Assessment) must be completed in order to identify any risks and take corrective actions to mitigate the hazard.
- e) EACH AND EVERY ITEM on the OHC or VEHICLE POST LIFT SERVICE CHECK SHEET must be INDIVIDUALLY signed as confirmation that the item has been checked, serviced and is in a good, safe and proper working order/condition.
- f) Should any defects/abnormalities be identified during a standard service requiring the purchase of replacement components, spares, materials or consumables the service provider shall complete the REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE (Same procedure as for NORMAL REPAIR / MAINTENANCE REQUEST)
- g) Foskop shall initiate inspection hold-points at its own discretion on work being carried out.
- h) Upon completion of the service (And repairs if done) the works order or job card must be signed off by the Foskop representative requesting the service or repairs to confirm that the task has been completed satisfactorily (The OHC or vehicle post lift is available and safe to use) and sign off the job card.
- i) The service provider retains possession of the original works order or job card, the OHC or VEHICLE POST LIFT SERVICE CHECK SHEET and REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE if repairs / maintenance were done, and attaches all to the payment invoice.

The invoice must contain the following information:

 - i) Foskop contract order number
 - ii) OHC description/location & unique number
 - iii) Date of service and repairs if done
 - iv) Foskop work order or job card number
 - v) Short description of service/repair done

The responsible Foskop representative will remove the original works order or job card, OHC SERVICE CHECK SHEET and REQUEST FOR OVERHEAD CRANE MAINTENANCE for own records.

The service provider must submit the signed and approved invoice to the Foskop Creditors department for payment.
- j) The service provider must keep record of all OHC serviced.

2) NORMAL REPAIR / MAINTENANCE REQUEST:

- a) Upon receiving an official request (Work order) for NORMAL OHC or VEHICLE POST LIFT maintenance and repair work, assess the work to be done, complete the attached REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIR / MAINTENANCE and have approved by the designated Foskop representative:
 - i) Within 60 minutes commence with the fault finding, commercial and repair process for all PRODUCTION RELATED OHC or VEHICLE POST LIFTS.
 - ii) Within 24 hours commence with the fault finding, commercial and repair process for all NON-PRODUCTION OHC or VEHICLE POST LIFTS.
- b) The service provider shall plan and co-ordinate the repair work together with the Foskop representative (Workshop supervisor, planner or their representative)
- c) Cost of repairs to be calculated by:
 - i) LABOUR component (Time multiplied by rate):
 - a) TIME required to successfully complete the task.
 - b) RATE. Only TWO (2) skills disciplines will be considered for this contract, namely artisan / skilled and assistant / worker.

Rate to include all costs for labour, administrative requirements, PPE and safety equipment, required tools and equipment, expertise-, skill- & technical support, transport & accommodation and all other P&G's.

- ii) Unless provided by Foskop, actual cost of spares, material and consumables required to complete the repair task will be calculated at cost to service provider plus 10% (Ten percent) handling fee. (Minimum R200.00 Maximum R500.00).
 - a) 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 Foskop representative.
 - b) AT LEAST THREE (3) original invoices/quotes for material/spares to be attached to the REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE.
- iii) Site establishment (Cost of transport to-and-from the Foskop site / OHC / vehicle post lift Location)
 - a) Normal hours, Monday to Friday 06:30 until 17:00
 - b) 10% of task value (Excl VAT). (Minimum R200 and Maximum R500)
(Refer to COMMERCIAL requirements for official quoting)
- d) Before any work may commence:
 - i) The REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE has been approved.
 - ii) The REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE has been attached to the works order or job card.
 - iii) The Foskop works order or job card must be signed-on by the designated Foskop representative.
 - iv) The standard Foskop HIRA (Hazard Identification and Risk Assessment) must be completed in order to identify any risks and take actions to mitigate the hazard.
- e) Foskop shall initiate inspection hold-points at its own discretion on work being carried out.
- f) Whenever an overhead cranes' hoist brake linings or any other repairs are carried out requiring modifications to the original design specification the overhead crane will be subjected to a performance load test equal to 110% of the safe working capacity in accordance with the requirements of SANS 10375:2006 Inspection, Testing and Examination of Overhead Cranes.

The service provider shall submit a detailed report and load test certificate for each OHC or vehicle post lift performance tested. In the case of equipment PASSING the test the load test certificate shall include a statement that reads **"equipment safe to use"** (Or similar statement). Load test certificate/s shall be approved by a LMI (Lifting Machine Inspector) registered with the Engineering Council of South Africa.

This requirement will also apply to vehicle post lifts.
(Refer to COMMERCIAL requirements for official quoting)
- g) Upon completion of the repair task the service provider must report to the area supervisor (Or Foskop representative requesting the repairs) who will access that the task has been completed satisfactorily (The OHC or vehicle post lift is available and safe to use) and sign off the job card.
- h) The service provider retains possession of the original works order or job card and REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE and attaches all to the payment invoice.

The invoice must contain the following information:

 - i) Foskop contract order number
 - ii) OHC or vehicle post lift description/location & unique number
 - iii) Date of service and repairs if done
 - iv) Foskop work order or job card number
 - v) Short description of service/repair done

The responsible Foskop representative will remove the original works order or job card and REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE for own records.

The service provider must submit the signed and approved invoice to the Foskop Creditors department for payment.
- i) The service provider must keep record of all OHC or vehicle post lifts repaired.

3) **BREAKDOWN OR CALLOUT WORK REQUEST:**

- a) Upon receiving an official request (Work order) for a BREAKDOWN or a CALLOUT for OHC or vehicle lift maintenance and repair work, complete task and submit a completed REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE and have approved on the first normal working day after completion of task.
- b) Service provider to notify the Foskop manager and/or engineer on standby if the expected job cost is to exceed R25,000. (Phone Foskop security at 015 789 2266 for manager/engineer on standby contact details)

- c) Cost of work to be calculated by:
 - i) LABOUR component (Time multiplied by rate):
 - a) TIME required to successfully complete the task.
 - b) 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.
 - ii) Unless provided by Foskop, actual cost of spares, material and consumables required to complete the repair task will be calculated at cost to service provider plus 10% (Ten Percent) handling fee. (Minimum R200.00 Maximum R500.00).
 - a) 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 Foskop representative.
 - b) AT LEAST THREE (3) original invoices/quotes for material/spares to be attached to the REQUEST FOR OVERHEAD CRANE REPAIRS / MAINTENANCE.
 - iii) Site establishment (Cost of transport to-and-from the Foskop site / OHC Location)
 - a) After hours, Monday to Friday 17:00 until 06:30, Saturday, Sunday and Public holidays.
 - b) 10% task value. Minimum R1000 and Maximum R1500
(Refer to COMMERCIAL requirements for official quoting)
- d) Whenever an overhead cranes' hoist brake linings or any other repairs are carried out requiring modifications to the original design specification the overhead crane will be subjected to a performance load test equal to 110% of the safe working capacity in accordance with the requirements of SANS 10375:2006 Inspection, Testing and Examination of Overhead Cranes.
The service provider shall submit a detailed report and load test certificate for each OHC performance tested. In the case of equipment PASSING the test the load test certificate shall include a statement that reads **"equipment safe to use"**. Load test certificate shall be approved by a LMI (Lifting Machine Inspector) registered with the Engineering Council of South Africa.
This requirement will also apply to vehicle post lifts.
(Refer to COMMERCIAL requirements for official quoting)
- e) Upon completion of the task the service provider must report to the area supervisor (Person requesting the repairs) who will access that the task has been completed satisfactorily (The OHC or vehicle post lift is available and safe to use) and sign off the job card.
- f) The service provider retains possession of the original works order or job card and REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE and attaches all to the payment invoice.
The invoice must contain the following information:
 - i) Foskop contract order number
 - ii) OHC or vehicle post lift description/location & unique number
 - iii) Date of service and repairs if done
 - iv) Foskop work order or job card number
 - v) Short description of service/repair done
 The responsible Foskop representative will remove the original works order or job card and REQUEST FOR OVERHEAD CRANE or VEHICLE POST LIFT REPAIRS / MAINTENANCE for own records.
The service provider must submit the signed and approved invoice to the Foskop Creditors department for payment.
- g) The service provider must keep record of all OHC or vehicle post lifts repaired.

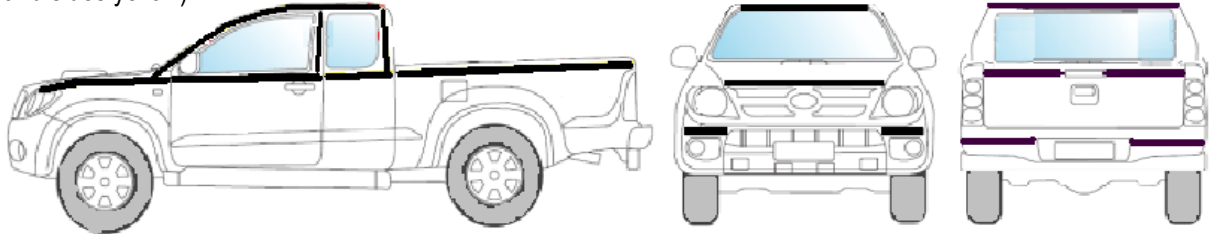
6. LEGISLATIVE- AND REGULATORY REQUIREMENTS

- 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 in his employ 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) Unless otherwise stated in this document, the successful or appointed service provider shall comply with the latest revisions of the following SANS standards and related documents:
 - a. SANS 61-1 Cranes - Limiting and indicating devices Part 1: General
 - b. SANS 578-2 Limiting and indicating devices Part 2: Mobile cranes
 - c. SANS 4301-1 Cranes and lifting appliances - Classification Part 1: General
 - d. SANS 4031-5 Classification Part 5: Overhead travelling and portal bridge cranes
 - e. SANS 4308-2 Cranes and lifting appliances - Selection of wire ropes Part 1: General
 - f. SANS 4309 Cranes - Wire ropes - Care and maintenance, inspection and discard
 - g. SANS 4310 Cranes - Test code and procedures
 - h. SANS 7296-1 Cranes - Graphic symbols Part 1: General
 - i. SANS 7363 Cranes and lifting appliances - Technical characteristics and acceptance documents
 - j. SANS 7752-5 Lifting appliances - Controls - Layout and characteristics - Part 5: Overhead travelling cranes and portal bridge cranes
 - k. SANS 8686-1 Cranes - Design principles for loads and load combinations Part 1: General
 - l. SANS 8686-5 Cranes - Design principles for loads and load combinations Part 5: Overhead travelling and portal bridge cranes
 - m. SANS 9373 Cranes and related equipment - Accuracy requirements for measuring parameters during testing
 - n. SANS 9374-1 Cranes - Information to be provided Part 1: General
 - o. SANS 9927-1 Cranes - Inspections - Part 1 General
 - p. SANS 10296 Hand signals used with cranes and with lifting and suspended equipment
 - q. SANS 10375 The inspection, testing and examination of overhead cranes
 - r. SANS 11630 Cranes - Measurement of wheel alignment
 - s. SANS 11660-1 Cranes - Access, guards and restraints Part 1: General
 - t. SANS 12478-1 Cranes - Maintenance manual Part 1: General
 - u. SANS 12480-1 Cranes - Safe use Part 1: General
 - v. SANS 12482-1 Cranes - Condition monitoring Part 1: General
 - w. SANS 12488-1 Cranes - Tolerances for wheels and travel and traversing tracks Part 1: General
 - x. SANS 14518 Cranes - Requirements for test loads
 - y. SANS 60204-32 Safety of machinery - Electrical equipment of machines Part 32: Requirements for hoisting machines
- 3) The successful or appointed service provider shall comply with the latest revisions of the following Foscok COP's (Compendium of Procedures) (COP's, policies and procedures are available on request):
 - a. COP 1 Risks and opportunities management
 - b. COP 8 Mandatory COP for mitigation and management of Covid-19
 - c. COP 17 Mobile, Technical and Process Training
 - d. COP 18 Permit to work
 - e. COP 25 Control of externally provided products and services
 - f. COP 43 Mandatory COP for occupational program on thermal stress
 - g. COP 52 Machine guarding
 - h. COP 53 Lock Out System and Usage
 - i. COP 56 Lifting Machinery and Lifting Tackle
 - j. COP 58 Hazardous chemical and substance control
 - k. COP 59 Mandatory COP for the operation of Trackless Mobile Machinery
 - l. COP 60 Portable electrical equipment
 - m. COP 62 General electrical installations and Electrical Machinery in Hazardous Locations
 - n. COP 65 Personal protective equipment
 - o. COP 86 Mandatory COP for occupational health program on noise
 - p. COP 96 Working at Heights
 - q. COP 99 Mandatory COP for risk based fatigue management
 - r. Any other Foscok safety, health and quality policies and procedures deemed applicable by a Foscok representative.
 - s. All other Foscok procedures and policies applicable to the successful application of this contract.
- 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)
 - h. Any other FOSKOR environmental policies and procedures deemed applicable by a FOSKOR representative.
- 5) 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. 2408-02 Replace Steel Wire Rope on OHC at Dangerous height
 - c. 2408-03 Remove Crab from OHC at Dangerous height.
 - d. 2408-20 OHC Operation.
 - e. 2408-24 Light Delivery Vehicle Operation
 - f. Any other FOSKOR Critical Task Descriptions and/or Safe Working Procedure deemed applicable by a FOSKOR representative.
- 6) 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.
- 7) In order to access OHC located in restricted areas the suppliers service vehicle (Own vehicle) must be:
- a. Equipped and capable of travelling on rough, uneven and sometimes wet, muddy and slippery gravel surfaces.
 - b. Fitted with a internally or externally mounted ROPS safety cell that has been designed, fabricated, tested and certified to comply with the requirements of ISO 3471:2008 - EARTH-MOVING MACHINERY – ROLL-OVER PROTECTIVE STRUCTURES or similar specification.
(Provide confirmation i.e. ROPS certificate, photos, etc)
 - c. Fitted with seatbelts in accordance with the National Road Traffic Act, Regulation 213. (Seatbelt construction and anchorage must comply with SANS standards 1430 and 10168)
 - b. Equipped with a portable PDS (Pedestrian Detection System) supplied by Electro Diesel Group
 - c. Fitted with an intermitting sounding reverse hooter.
 - d. Be issued with a valid illumination certificate
 - e. Fitted with a amber LED strobe light mounted in the center of the vehicle roof, rear window protector or cab guard
 - f. Vehicle to be provided with two heavy duty stop-blocks (Chock blocks)
 - g. Fibreglass flagpole (buggy whip) and reflective flag.
 - h. In accordance with the requirements of the National Road Traffic Act, vehicle to be supplied with a set (2) of emergency warning triangles securely mounted and easily accessible in the drivers cab
 - i. Vehicle to be supplied with a 9.0kg charge, SANS approved, dry powder, 40% Mono Ammonium Phosphate, 45% Ammonium Sulphate and 0% Calcium Carbonate based fire extinguisher with scrubber valve behind gauge. Fire rating 3A:3B.

- j. Vehicle shall be provided with conspicuity marking strips (Tape) as follows (3M Diamond grade. Front white, rear red and sides yellow):



- 8) The appointed service provider shall, before entering and operating a vehicle on the Foskor premises:
 - a. Obtain permission from the Foskor Safety & Security manager to operate his nominated service vehicle/s on the Foskor site. (Forms will be provided)
 - b. 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. Solenoid
 - c. Submit the above permission and COF in at the main security office for issue of a vehicle access disk.
 - d. 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)
 - e. See Foskor COP 59, Trackless Mobile Machinery for details.
- 9) Before entering and operating a service vehicle (Own vehicle) on the Foskor site, the appointed service provider shall:
 - a. Driver/s are in possession of a valid national drivers 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.
 - b. Driver/s have 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 on the tailings dams and Phosphate/Magnetite dispatch areas (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)
- 10) 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:
 - vii) All tools and equipment have been inspected and tested to be in a good and safe working order.
 - viii) 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.
- 11) 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.
- 12) Before accessing a OHC or vehicle post lifts whereupon work is to be conducted, the OHC 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.
- 13) Before accessing a OHC or vehicle post lifts where working at height is required (Above 2.0 meter ground level), the appointed service providers employees shall have inspected the:
 - a. Safety lanyard (Full body harness) to be of correct standard and safe to use
 - b. Life-line or anchorage points
 - c. Access ladders are in good and safe working order.
 See Foskor COP 96, working at heights for details.
- 14) 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)

7. PERMIT TO WORK

Before any on-site work under this contract may commence, the appointed or successful service provider shall obtain from Foscok a PERMIT TO WORK. The following guidelines are provided in order to assist the appointed service provider in obtaining a PERMIT TO WORK. (See Foscok 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, Foscok Safety department.
A SEPARATE PERMIT TO WORK WILL BE REQUIRED FOR EACH MANAGERIAL DEPARTMENT
- 2) Obtain a contract number from the Foscok 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 Foscok 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 Foscoks 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 Foscok 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 Foscok site (See item 9 under the heading LEGISLATIVE- AND REGULATORY REQUIREMENTS).
- 8) All of 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 Foscok training, contact 015 789 2531 to book)
 - Lock out. (Provide own- or receive Foscok training, contact 015 789 2531 to book)
 - b) All training not provided by Foscok must be verified by the Foscok 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 Foscok site induction training at the Foscok Security office.
- 10) All of the appointed service providers' on-site employees shall receive site specific induction training provided by the Foscok area Regulation 2.6.1 appointee/s.
- 11) A BRA (Baseline Risk Assessment) shall be completed for ALL "typical" tasks that will be completed under this contract. BRA to be signed by all service provider employees. Make use of Foscok's own BRA document, Annexure 1.2, contained in of COP 1, Foscok risk management (Available on request)
- 12) Attach a one page SCOPE OF WORK describing the required task and -outcome of this contract.
- 13) All Foscoks 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 Foskop 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.

8. SAFETY FILE

Before any work may 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, Ms Mokgadi Mokodito at 015 789 2201 / mokgadim@foskor.co.za, 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 Foskop Plant Training hall)

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

9. EVALUATION CRITERIA AND BID ASSESSMENT

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:

1. Mandatory requirements and pre-qualification	Component description	Weight actual	Comments
1.1 Lifting Machine Entity certificate	Accredited LME (Lifting Machine Entity) registration certificate with the Department of Labour.	Pass/Fail	
1.2 Business registrations and certificates	BEE certificate Provide CIPC Company Registration Document Provide valid Companies’ proof of address and/ or Director’s proof of residence (Only latest municipal statement not older than three (3) months Provide Proof of registration with CSD Provide Valid COIDA Certificate from Department of Labour	Pass/Fail	
1.3 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	
2. Company capacity and experience	Component description		
2.1 Company capacity	Provide title descriptions and the number of employees to be allocated this contract. Labour required, 1. Managerial, 2. Supervisory, 3.Lifting Machine Inspector, 4.Semi skilled, 5.Unskilled		NB: Managerial will be appointed as Mines Health & Safety Act 2.6.1. Supervisory will be appointed as Mines Health & Safety Act 2.9.2. On site LMI (lifting Machine Inspector) registered with the engineering council of South Africa (can also be appointee). Bidders must submit CV’s of Supervisors and team members to be involved in the Project.
	Scoring:	20	
	Managerial, Supervisory, Lifting Machine Inspector, Semi skilled, Unskilled = 20		
	Supervisory, Lifting Machine Inspector, Semi skilled, Unskilled = 15		
	Lifting Machine Inspector, Semi skilled, Unskilled = 10		
	Managerial, Semi skilled, Unskilled = 5		
	Non-responsive = 0%		
2.2 Company experience	Previous SERVICE AND MAINTAIN OVERHEAD CRANES AND VEHICLE POST LIFTS experience for the scope indicated in this tender (5 years experience required)		
	Scoring:	20	Bidder must provide their client signed and authenticated reference letters (on the Referee’s Letterhead with contact details) demonstrating the following:
	5 reference letters submitted = 20%		

	4 reference letters submitted = 15%		Number of years' delivering the same service as well the values of the contracts. Reference of the quality of work delivered.
	3 reference letters submitted = 10%		
	1-2 reference letters submitted = 5%		
	Non-responsive = 0%		
3. Company equipment	Component description		
3.1 Contractor own vehicles & Identification	3.1.1. LDV bakkie for transport of staff and equipment: (Proof of registration of vehicles owned or Letter from company that they are in good standing to hire vehicles fit for work to be done) . 3.1.2. Is registered and road worthy in accordance with the requirements of the National Road Traffic Act of 1996. 3.1.3. Is fitted with a "safety cell" (ROPS – Roll Over Protection Structure) that has been designed, fabricated, tested and certified to comply with the requirements of ISO. 3.1.4. Is equipped with a PDS (Pedestrian Detection System). 3.1.5. Is fitted with an intermitting sounding reverse hooter. 3.1.6. Is issued with a valid illumination certificate. 3.1.7. Is fitted with a rotating- or flashing amber strobe light. High visibility conspicuity tape applied to at least 80% of vehicle body length (Front, back and sides). 3.1.8. Is fitted with fibreglass flagpole (buggy whip) and reflective flag. Is fitted with a set of emergency warning triangles. 3.1.9. Is fitted with a set of stop-blocks (Chock blocks). 3.1.10. Is fitted with a 9.0kg charge fire extinguisher.	10	1 Point per LDV component. Bidding companies are required to demonstrate the following with a confirmation letter on the company letterhead, proof of purchase, & proof of rental
3.2 Load test equipment	Calibrated load test certificate for equipment to be used for testing	10	The calibration certificate must be up to date
3.3 Computer	Laptop for electronic certificates to be submitted on site after testing and passing of equipment. (Proof of laptop and Photo)	5	
3.4 Tool list	Tool list fit for task (Issue register identify all tools per team)	10	
4. Safety training	Courses		
4.1 Employee/team safety training	First aid training	3	Provide proof of team compliance or training matrix
	HIRA (Hazard identification and risk assessment)	4	Provide proof of team compliance or training matrix
	Basic Health and Safety	3	Provide proof of team compliance or training matrix
5. Protective Equipment per team	Items		
5.1 Personal Protective Equipment	Hand Gloves (PPE register per person)	2	1 x Per Person (Provide signed issue register)
	Safety Boots (PPE register per person)	3	1 x Per Person (Provide signed issue register)
	Hard hat/ Head protection gear (PPE register per person)	4	1 x Per Person (Provide signed issue register)
	Full long sleeve Trousers and Pants (PPE register per person)	3	1 x Per Person (Provide signed issue register)
	First Aid kit (Photo and own serial number for identification)	3	1 x Per Vehicle

	Total Score	100	
	Minimum Score	70	

- 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.

10. COMMERCIAL

1) This contract will be a **“RATES BASED”** contract; verification of work conducted is subjected to measurement before acceptance.

A. The bidder is required to submit an **“ALL INCLUSIVE RATE”** for a **“STANDARD OHC SERVICE”** and a **“STANDARD VEHICLE POST LIFT SERVICE”** for each of the following, irrespective of how many workmen are allocated to the task. RATE TO BE INCLUSIVE OF

- Cost for a skilled labourer (Artisan / Supervisor)
- Cost for all workers / assistants
- 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
- 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.
- NOTE: Foskor will supply lubricants

		RATE EACH (Include escalation or escalation formulae for years 2 and -3) (RAND / Excl VAT)		
		Year 1	Year 2	Year 3
STANDARD OHC SERVICE - MECHANICAL: i. Check if all required control and warning signs and pictograms are secure and in position. ii. Check if all audible warning systems and working/warning lights are secure and working iii. Inspect crab, girder, end carriages, rails, gantry, stops or buffers, support structure, steps & ladders, walk & service platforms, hand rails and all other structural components if secure and in good, safe working condition. iv. Check rope/chain anchor- and attachment points, guide and lubricate. v. Check hook, hook block, sheaves and safety catch. vi. Check and adjust brakes (Long-, cross- and hoist brakes). vii. Check and if required fill gear cases to correct levels (Foskor will supply lubricants) viii. Lubricate bearings, sheaves, gears, pinions, linkages, shafts, etc (Foskor will supply lubricants) ix. Check and adjust all load and limit switches. (Load limit switch to be removed, taken to Foskor Fitter workshop to check calibration. If required an alternate overload switch will be supplied) x. Check that pendant control box in good and sound condition with no visible defects xi. Inspect pendant control operation (Symbols match actual travel), voltage, emergency switch operation, pendant support and free movement. Notify Foskor representative if any item is faulty or out of specification.	0 – 10 Ton Capacity OHC	R	R	R
	10 – 50 Ton Capacity OHC	R	R	R
	Above 50 Ton Capacity OHC	R	R	R

		RATE EACH (Include escalation or escalation formulae for years 2 and -3) (RAND / Excl VAT)		
		Year 1	Year 2	Year 3
<u>STANDARD OHC SERVICE - ELECTRICAL:</u> i. Check if all required control and warning signs and pictograms are secure and in position. ii. Check if all audible warning systems and working/warning lights are secure and working iii. Clean and inspect electrical circuits, relays, terminals, fuses, brushes, contracts, etc. for proper and correct operation as per applicable SANS standards. iv. Check that the voltage at pendant push-buttons does not exceed 150V a.c. Report any installation which does not comply to the responsible engineer for actioning. v. Check that pendent control box in good and sound condition with no visible defects vi. Inspect pendent control operation (Symbols match actual travel), voltage, emergency switch operation, pendent support and free movement. Notify Foskor representative if any item is faulty or out of specification.	0 – 10 Ton Capacity OHC	R	R	R
	10 – 50 Ton Capacity OHC	R	R	R
	Above 50 Ton Capacity OHC	R	R	R

		RATE EACH (Include escalation or escalation formulae for years 2 and -3) (RAND / Excl VAT)		
		Year 1	Year 2	Year 3
<u>STANDARD VEHICLE POST LIFT SERVICE - MECHANICAL:</u> i. Check if all required control and warning signs and pictograms are secure and in position, including vehicle lifting information, lift safety labelling, capacity labelling and that annual lift inspection label is readable and valid ii. Examine all accessible structural components, including welds, for any evidence of overloading, misuse or abuse. iii. Check rope anchor- and attachment points, guide and lubricate. iv. Check that all lubrication points are clean and lubricated. v. Check cables for excessive slack vi. Check all fastening devices for tightness and proper fit. vii. Check lift controls to ensure accessibility and an automatic return to the neutral or "off" position when released. viii. Check the lowering and lifting speed and operation over the full up and down travel of the lift. ix. Check the operation of the positive stop and ensure that the lift locks engage in a fully extended position. Notify Foskor representative if any item is faulty or out of specification.	2 and 4-post vehicle lift Capacity 3 & 4 Ton	R	R	R

		RATE EACH (Include escalation or escalation formulae for years 2 and -3) (RAND / Excl VAT)		
		Year 1	Year 2	Year 3
STANDARD VEHICLE POST LIFT SERVICE - ELECTRICAL: i. Check if all required control and warning signs and pictograms are secure and in position. ii. Clean and inspect electrical circuits, relays, terminals, fuses, brushes, contracts, etc. for proper and correct operation as per applicable SANS standards. iii. Check that all power supply cables are securely fixed and in good condition. iv. Check that control box is in good and sound condition with no visible defects Notify Foscok representative if any item is faulty or out of specification.		R	R	R
		2 and 4-post vehicle lift Capacity 3 & 4 Ton		

- B. The bidder is required to submit a ***“HOURLY LABOUR RATE”*** for ***“OHC OR VEHICLE POST LIFT REPAIRS AND MAINTENANCE”*** 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
- 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.
- NOTE: Foscok will supply lubricants

		HOURLY LABOR RATE FOR OHC OR VEHICLE POST LIFT MAINTENANCE AND REPAIR WORK (Include escalation or escalation formulae for years 2 and -3)		
		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

- C. The bidder is required to submit a **“RAND PER TON RATE”** for **“OHC OR VEHICLE POST LIFT PERFORMANCE LOAD TESTS”** in accordance with the requirements of SANS 0375:2006 Inspection, Testing and Examination of Overhead Cranes. RATE TO BE INCLUSIVE OF
- Cost for all labour and supervision
 - Cost for expertise, skill and technical support, including LMI
 - Cost of LME/LMI issued OHC performance test certificate
 - Cost for all administrative requirements
 - Cost for all materials and consumables
 - Cost for the supply & transport of test weights/loads.
 - Cost for all PPE and safety equipment
 - Cost for all tools and required equipment
 - Cost for all transport and accommodation
 - 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.

RATE PER TON FOR OHC OR VEHICLE POST LIFT PERFORMANCE LOAD TESTING (Include escalation or escalation formulae for years 2 and-3)				
	0 – 10 Ton Capacity OHC	10 – 50 Ton Capacity OHC	Above 50 Ton Capacity OHC	3 and 4 Ton Vehicle Post Lift
Year 1	R	R	R	R
Year 2	R	R	R	R
Year 3	R	R	R	R

Calculation example: Cost to carry out a performance load test and issue certificate of conformance:
 OHC / Vehicle Lift Capacity (Ton) X Rate (Per Ton in Rand) = Cost (Rand)
 15-Ton Capacity OHC X R500/Ton = R7500.00

- 2) Any other optional support or guarantee not mentioned in this scope may be noted on the official quotation.
- 3) Quotation rates to be valid for at least the duration of the contract period. Calculation of yearly price increase to be included in official quotation.
- 4) Contract period of **3 years / 36 months**.
- 5) If any minimum requirements may alter or be added for whatever reason, it will be brought to the attention of the bidder before the closing date for the submission of tenders.
- 6) The bidder must indicate in the official tender documents within what time period he will comply with all the requirements of this scope and be in full operation after receiving an official order.

11. ENQUIRIES

TECHNICAL MECHANICAL:

Karel van der Merwe
 Tel: 015 789 2685
 Cell: 072 419 3057
 Email: karelvdm@foskor.co.za

Sydney Sambo
 Tel: 015 789 2512
 Cell: 073 250 7501
 Email: sydneys@foskor.co.za

TECHNICAL ELECTRICAL:

Cedrick Tshavhungwe
 Tel: 015 789 2834
 Cell: 083 911 1752
 Email: cedrickt@foskor.co.za

Phanuel Nkosi
 Tel 015-789 2811
 Cell: 0784071465
 Email: phanueln@foskor.co.za

COMMERCIAL:

Mbalenhle Zikalala
 Tel: (015) 789 2558
 Email: mbalez@foskor.co.za

**REQUEST FOR OVERHEAD CRANE SERVICE**

(Attach to official Foskor works order / job card)

SERVICE PROVIDER:			
PERSON IN CHARGE	NAME:	NO.:	
WORK ORDER NO.:		SERVICE ORDER NO:	
REQUESTED BY:		DESIGNATION:	
DATE:		COST CODE:	
OHC DESCRIPTION / LOCATION:			
OHC CAPACITY / SWL:			
OHC EQUIPMENT NO.:			

MECHANICAL OHC SERVICE CHECK SHEET (Each item to be signed off to verify/confirm that to specification)		SIGN (Person in charge)
1	Control and warning signs and pictograms are secure and in position	
2	Audible warning systems and working/warning lights are secure and working	
3	Crab, girder, end carriages, rails, gantry, stops/buffers, structure, steps & ladders, service platforms, hand rails and all other structural components are secure and in good, safe working condition	
4	Rope/chain anchor- and attachment points and guide secure and lubricated.	
5	Hook, hook block, sheaves and safety catch secure and in good, safe working condition	
6	All brakes (Long-, cross- and hoist) checked, adjusted and in good, safe working condition	
7	Gear cases checked and filled to correct levels (Foskor will supply lubricants)	
8	Bearings, sheaves, gears, pinions, linkages, shafts, etc checked and lubricated (Foskor will supply lubricants)	
9	All load and limit switches checked and adjusted. (Load limit switch removed, taken to Foskor Fitter workshop and calibration checked and replaced if required – Foskor will supply alternative)	
10	Pendent control operation on standard (Symbols match actual travel), pendent control voltage checked, emergency switch operational, pendent support secure and moving freely	
ELECTRICAL OHC SERVICE CHECK SHEET (Each item to be signed off to verify/confirm that to specification)		SIGN (Person in charge)
1	Control and warning signs and pictograms are secure and in position	
2	Audible warning systems and working/warning lights are secure and working	
3	All electrical circuits, relays, terminals, fuses, brushes, contracts, etc checked, cleaned, secure and in good, safe working condition as per applicable SANS standards	
4	Voltage at pendant push-buttons does not exceed 150V a.c	
5	Pendent control operation on standard (Symbols match actual travel), pendent control voltage checked, emergency switch operational, pendent support secure and moving freely	

REPORT ALL DEFECTS AND NON-CONFORMANCES TO THE REQUESTING FOSKOR REPRESENTATIVE/SUPERVISOR

STANDARD OHC SERVICE COST (As per service order agreement)	R
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Requester: _____ Pers No. _____ Signature: _____

Approved: _____ Pers No. _____ Signature: _____

**REQUEST FOR VEHICLE POST LIFT SERVICE**

(Attach to official Foskor works order / job card)

SERVICE PROVIDER:			
PERSON IN CHARGE	NAME:	NO.:	
WORK ORDER NO.:		SERVICE ORDER NO:	
REQUESTED BY:		DESIGNATION:	
DATE:		COST CODE:	
VEHICLE POST LIFT DESCRIPTION:			
VEHICLE POST LIFT CAPACITY / SWL:			
VEHICLE POST LIFT EQUIPMENT NO.:			

MECHANICAL VEHICLE POST LIFT SERVICE CHECK SHEET (Each item to be signed off to verify/confirm that to specification)		SIGN (Person in charge)
1	Control and warning signs and pictograms are secure and in position, including vehicle lifting information, lift safety labelling, capacity labelling and annual lift inspection label is readable and valid	
2	Structural components, including welds in good, safe working condition. No evidence of overloading, misuse or abuse	
3	Rope anchor- and attachment points and guide secure and lubricated.	
4	lubrication points are clean and lubricated	
5	No excessive slack in cables	
6	All fastening devices are tight and fit properly	
7	lift controls accessible and automatically returns to the neutral or "off" position when released	
8	Lowering and lifting speed and operation over the full up and down travel of the lift checked and working. Lifting platform / arms remain horizontal / level	
9	All limit switches checked and adjusted	
10	Lift locks engage in correct position and lifting platform / arms are horizontal and level	
ELECTRICAL VEHICLE POST LIFT SERVICE CHECK SHEET (Each item to be signed off to verify/confirm that to specification)		SIGN (Person in charge)
1	All required control and warning signs and pictograms are secure and in position	
2	All electrical circuits, relays, terminals, fuses, brushes, contracts, etc checked, cleaned, secure and in good, safe working condition as per applicable SANS standards	
3	Power supply cables and control box are securely fixed and in good condition with no visible defects	

REPORT ALL DEFECTS AND NON-CONFORMANCES TO THE REQUESTING FOSKOR REPRESENTATIVE/SUPERVISOR

STANDARD VEHICLE POST LIFT SERVICE COST (As per service order agreement)	R
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Requester: _____ Pers No. _____ Signature: _____

Approved: _____ Pers No. _____ Signature: _____



REQUEST FOR OVERHEAD CRANE OR VEHICLE POST LIFT REPAIR / MAINTENANCE

(Attach to official Foskor works order / job card)

SERVICE PROVIDER:			
PERSON IN CHARGE	NAME:	NO.:	
WORK ORDER NO.:		SERVICE ORDER NO.:	
REQUESTED BY:		DESIGNATION:	
DATE:		COST CODE:	
OHC/VEHICLE LIFT DESCRIPTION / LOCATION:			
OHC/VEHICLE LIFT EQUIPMENT NO.:			

DEFECT / REASON FOR REPAIRS: _____

SPARES & CONSUMABLES (THREE (3) ORIGINAL INVOICES / QUOTES MUST BE ATTACHED)	INVOICE / QUOTE NUMBER	AMOUNT
1)		R
2)		R
3)		R
SUBTOTAL		R
10% HANDLING FEE (Subtotal x 10%, Min R200 / Max R500)		R
SUBTOTAL 1		R

OHC/VEHICLE POST LIFT REPAIR: LABOR				HOURS	AMOUNT
	NORMAL TIME Mon to Fri 06:30 to 17:00	1,5 TIME After hours	DOUBLE TIME Sundays and Public holidays		
Artisan / Skilled	R	R	R		R
Worker / Assistant	R	R	R		R
Worker / Assistant	R	R	R		R
SUBTOTAL 2					R

SITE ESTABLISHMENT 10% OF SUBTOTAL 1 + 2	R
NORMAL HOURS: Min R200 and Max R500 AFTER HOURS / CALL-OUT: Min R1000 and Max R1500	

TOTAL REPAIR / MAINTENANCE AMOUNT (As per service order agreement) (Spares/Consumables + Labour + Site Establishment)	R
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Requester: _____

Pers No. _____

Signature: _____

Approved: _____
(Less R10,000 L7 Supervisor)

Pers No. _____

Signature: _____

Approved: _____
(Over R10,000 MML Engineer)

Pers No. _____

Signature: _____