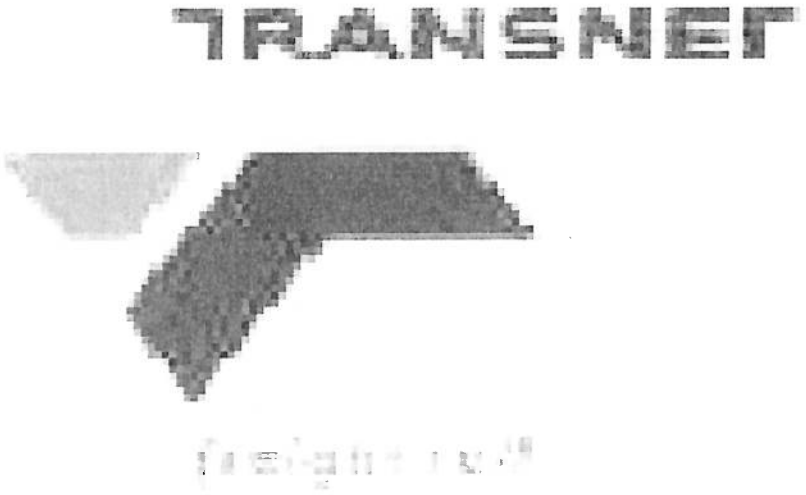

MAINTENANCE OF HYDRAULIC EQUIPMENT SPECIFICATION

REPAIR AND MAINTENANCE OF HYDRAULIC EQUIPMENT ON AN AS AND WHEN CONTRACT BASIS FOR PERIOD OF 24 MONTHS (WHICHEVER COMES FIRST)

Respondents signature

Date and Company Stamp

Contents

1. Background

1.1. Transnet Freight Rail would like to enter on an As and When required basis, for the repair and service of hydraulic equipment in accordance with the terms and conditions of this specification.

2. Definitions

2.1. As and When Contract

The Contractor shall be required to repair hydraulic equipment on an **"as and when"** required basis by Transnet Freight Rail, for the full term or duration of the contract and in accordance with the Terms and Conditions herein after set out.

2.2. Contract Manager

Refers to the person appointed by Transnet Freight Rail to supervise and take charge of the contract.

2.3. Distribution Centre

Refers to a regional or localised distribution centre. For the purpose of this tender the distribution centre will be East London.

2.4. Site or "On-Site"

Means the Infrastructure Maintenance Depot from which the fault and or damage originated or reported or where the equipment/ machine is.

2.5. Machine owner

Infrastructure Maintenance Depot representative reporting the fault and or damage sustained by welding unit accessories.

3. Scope

3.1. This document covers the Transnet Freight Rail's representative for the pair and service of hydraulic track equipment on an As and When contract basis.

3.2. The contractor will be required to render the services for a period of two years.

4. Fault Reporting

4.1. At no point the shall the contractor deal direct with any of Transnet Freight Rail 's track maintenance depots except the appointed contract manager based at the dedicated distribution centre.

4.2. The contractor shall indicate on the quotation /separate documents the type of work to be carried out on the equipment to justify the labour rates charged.

4.3. The Contractors fault report shall include his recommendations as to whether it is feasible to repair the hydraulic tool or to scrap it. Should the Contractor recommend scrapping then the equipment should forthwith be delivered back to the Distribution Centre for further handling.

4.4. For any additional work that is discovered during the repair process the contractor must submit a further damage report and quote for the additional work. Only after an inspection by Transnet Freight Rail, shall further action be authorised in writing by Transnet Freight Rail and the revised planning date will be approved.

4.5. The successful tenderer shall submit on monthly basis in an electric copy of repair reports indicating the repair work that has been carried out during that particular month. The report shall indicate amongst other the date of quotation, date of authorization, date machine retuned to the contract manager and invoice amount. This report shall be sent to the contract manager on the 20Th of every month for the duration of the contract.

5. Service Condition and Quality

5.1. All machines must be repaired/ serviced in an environment that is conducive to render the equipment and or tools functional for its intended use.

5.2. The tenderer shall indicate at the tendering stage what steps have been taken to implement a Quality System and shall submit a Quality Plan

6. Hydraulic Oil

6.1. Hydraulic Oil is used in repairs to comply fully with the standard specification for hydraulic oil used in hydraulic tools.

6.2. The type of oil used shall be approved by Transnet Freight Rail.

7. Performance Tests of Repaired Equipment

7.1. Upon Completion of the repair and or service of the hydraulic equipment and tools they shall be tested in accordance with the routine tests specified by the manufacturer, and must withstand those tests. Refer to the attached hydraulic system test on specification. A test report printout shall be submitted with the test certificates after every repair on power units.

7.2. These tests shall be carried out at the Contractors premises. If the contractor does not have the facilities to carry out these tests, he shall make arrangements to have the tests done.

1. HYDRAULIC TRACK JACKS (ESTIMATED QTY = 40 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of jack for leaks, defective controls and wear and damages.	R	
2	Draining and changing of hydraulic fluid.		R
3	Test of jack.		R
4	Polish and Hone jack cylinder.		R
5	Fitting of seal kit.		R
6	Fitting of new control mechanism.		R
7	Test and verification of jack.		R
8	Painting of Equipment if required		R
9	Labour cost per hour		R
10	Time to repair (Hours)		

2. HYDRAULIC TIE TAMPERS (ESTIMATED QTY = 35 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of tie tamper for leaks, defective mechanisms and any form of abuse & damage	R	
2	Check tightness of fasteners and missing parts.		R
3	Check Hexagon bush in nose casting for wear and damage.		R
4	Lubricate Vibro-damped handles.		R
5	Recharge Nitrogen accumulator.		R
6	Overhauling of tie tamper vibrating mechanism.		R
7	Replacement of nose casting.		R
8	Testing and certification of tie tamper.		R
9	Painting of Equipment if required		
10	Labour cost per hour		R
11	Time to repair (Hours)		R

3. HYDRAULIC RAIL SAW/DISC CUTTER (ESTIMATED QTY = 15 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of machine for leaks, effective mechanisms, and any form of abuse.	R	
2	Check tightness of fasteners.		R
3	Check rail clamp mechanism for wear and cracks.		R
4	Check controls/triggers and safety mechanism for wear and adjust if required.		R
5	Overhaul of hydraulic motor and re-seal when necessary (note only OEM seals shall be used).		R
6	Overhaul of drive mechanism.		R
7	Check accuracy and square alignment for cutting the rail.		R
8	Test and certification of machine.		R
9	Painting of Equipment if Required		R
10	Labour cost per hour		R
11	Time to repair (Hours)		R

4.HYDAULIC RAIL DRILLS (ESTIMATED QTY = 7 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of machine for leaks, effective mechanisms, and any form of abuse.	R	
2	Check tightness of fasteners.		R
3	Check rail clamp mechanism for wear and cracks.		R
4	Check controls for wear and adjust if required.		R
5	Overhaul of hydraulic motor.		R
6	Overhaul of drive mechanism.		R
7	Check accuracy and square alignment to rail for drilling.		R
8	Test and certification of machine.		R
9	Painting of Equipment if Required		R
10	Labour cost per hour		R
11	Time to repair (Hours)		R

5. HYDRAULIC ANGLE GRINDER (ESTIMATED QTY = 6 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/ REPAIR COST PER UNIT
1	Inspect machine for leaks and defective control mechanism or any abuse.	R	
2	Carry out minor repairs/adjustments to machine.		R
3	Overhaul drive mechanism.		R
4	Overhaul hydraulic motor.		R
5	Check safety ratings in respect of speeds, torque and pressures. Check trigger mechanism and repair		R
6	Fitting of new seal kit.		R
7	Test and certify machine.		R
8	Painting of Equipment if Required		R
10	Labour cost per hour		R
11	Time to repair (Hours)		R

6. HYDRAULIC IMPACT WRENCHES (ESTIMATED QTY = 20 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspect machine for leaks and defective control mechanism or any abuse and damages	R	
2	Carry out minor repairs/adjustments to machine. E.G. repair loose and fit nonslip surface material on handle.		R
3	Overhaul impact mechanism - hammers and anvils		R
4	Overhaul hydraulic motor.		R
5	Check safety ratings in respect of speeds, torque and pressures.		R
6	Fitting of new seal kit.		R
7	Overhaul of impact mechanism		R
8	Test and certify machine.		R
9	Painting of Equipment if Required		R
10	Labour cost per hour		R
11	Time to repair (Hours)		R

9. HYDRAULIC POWER UNITS (ESTIMATED QTY = 10 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of machine for oil leaks, defective mechanisms and any form of abuse and damages	R	
2	Check Hydraulic manifold circuit for functionality and repair if required		R
3	Regular Service of unit:		
	☐ Changing of lubricants, coolant and hydraulic oil		R
	☐ Changing of filters		
	☐ Tuning of engine		
4	Do adjustments and replacement of wearing items.		R
5	Repair/replacement of hydraulic pump.		R
6	Repair engine:		
	☐ Fuel system		
	☐ Starting / electrical system & re-wiring		R
	☐ Exhaust system		
	☐ Cooling system		
7	Checking of hydraulic system performance and certification of machine in terms of Occupational Health and Safety Act..		R
8	Painting of Equipment if Required		R
9	Labour cost per hour		R
10	Time to repair (Hours)		R

10. HYDRAULIC MC2 = 4 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of MC2 for leaks, defective controls and wear and damages.	R	
2	Draining and changing of hydraulic fluid.		R
3	Test of MC2.		R
4	Polish and Hone MC2.		R
5	Fitting of seal kit.		R
6	Fitting of new control mechanism.		R

7	Test and verification of jack.		R
8	Painting of Equipment if required		R
9	Labour cost per hour		R
10	Time to repair (Hours)		

11. HYDRAULIC RAIL SHEAR = 7 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of rail shear for leaks, defective controls and wear and damages.	R	
2	Draining and changing of hydraulic fluid.		R
3	Test of rail shear.		R
4	Polish and Hone rail shear.		R
5	Fitting of seal kit.		R
6	Fitting of new control mechanism.		R
7	Test and verification of rail shear.		R
8	Painting of Equipment if required		R
9	Labour cost per hour		R
10	Time to repair (Hours)		

12. HYDRAULIC MP12 = 4 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspection of MP12 for leaks, defective controls and wear and damages.	R	
2	Draining and changing of hydraulic fluid.		R
3	Test of MP12.		R
4	Polish and Hone MP12.		R
5	Fitting of seal kit.		R
6	Fitting of new control mechanism.		R
7	Test and verification of MP12.		R
8	Painting of Equipment if required		R
9	Labour cost per hour		R
10	Time to repair (Hours)		

13. HYDRAULIC SLEEPER DRILL= 8 EACH)

DESCRIPTION OF WORK		INSPECT AND QUOTE	SERVICE/REPAIR COST PER UNIT
1	Inspect machine for leaks and defective control mechanism or any abuse and damages	R	
2	Carry out minor repairs/adjustments to machine. E.G. repair loose and fit nonslip surface material on handle.		R
3	Overhaul impact mechanism - hammers and anvils		R
4	Overhaul hydraulic motor.		R
5	Check safety ratings in respect of speeds, torque and pressures.		R
6	Fitting of new seal kit.		R
7	Overhaul of impact mechanism		R
8	Test and certify machine.		R
9	Painting of Equipment if Required		R
10	Labour cost per hour		R
11	Time to repair (Hours)		R

14. CONTINGENCY SUM

Supply and delivery of consumables on an As &when required basis and emergencies	15% of the total contract value for the period of contract (24months) Total = R

Notes to Pricing:

a) All Prices must be quoted in South African Rand, exclusive of VAT.
b) To facilitate like for like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilize a different format. Deviation from this pricing schedule could result in a bid being disqualified.
c) Please note should you have offered a discounted price; Transnet will only consider such price discounts in the final evaluation stage if offered on an unconditional basis.
d) Also note that all major repairs on equipment will be quoted separately to repair and must be include transport costs to and from East London

e) Quoted prices must also include collection and delivery charges of all equipment from and to East London by the bidder for repairs and inspection.
f) Certification of tools being fixed, stating functional operation and information of tests being done

15. DURING CONTRACT EXECUTION

a) Contractor to submit quotation for approval for all tools collected at the workshop before attempting any repair work.
b) Please note during contract stage item 2-10/11, the client has a right to choose which items are critical for repairs
c) Contractor to submit supply and delivery of consumables quotation for approval before any procurement is done

DECLARATION OF TECHNICAL COMPETENCE AND CAPACITY

Please indicate the tools for which your business concern is technically competent and possess the capacity (competent number of staff, workshop and tool/machinery, hydraulic test equipment) to repair and service.

Description	**Technically competent to service and repair (Yes or No)**
Hydraulic Rail Saw (Disc Cutter)	
Hydraulic Impact Wrench	
Hydraulic Power Unit	
Track Jacks	
Hydraulic Tie Tampers	
Hydraulic Rail Drill	
Hydraulic Rail Angle grinder	
Hydraulic Rail Shear	
Hydraulic MP12	
Hydraulic MC2	
Hydraulic Sleeper drill	

Indicate the warranty/ guarantee period offered after the repair……..Months

REFERENCE/ TECHNICAL EXPERIENCE AND COMPETENCY

Please indicate below the company names and contact details of existing customers whom Transnet may contact to seek third party evaluations of your current service levels:

Company Name	Nature of work	Value of work	Contact person	Contact details	Duration

Company Name: _____

Name and Surname: _____

Signature: _____

Date: _____

Respondents signature

Date and Company Stamp