



PetroSA

SCOPE OF WORK

DESCRIPTION: PROVISION OF LIFTING EQUIPMENT SERVICES FOR PetroSA, AT THE FA PLATFORM

1. Background

On-board, the FA Platform there exist Static Lifting Equipment, Loose Lifting Equipment, Containers and Rigging Lofts.

The safety integrity of these equipment is checked by carrying out visual inspection/examination and service at pre-determined intervals and at times the findings require that some components of these equipment be replaced and even replace the equipment itself.

These equipments are subjected to certain tests such as destructive (tensile) tests on wire roes, proof load tests, deflection tests and certified fit and safe for use.

This document details the Scope Of Work (SOW) associated with the visual inspection, servicing, testing, and colour coding of the lifting equipment by External Service Provider at the FA Platform.

2. SCOPE OF WORK

The Services shall be provided at the FA Platform premises by the Service Provider, as follows:-

- 2.1 The Third Party (Service Provider) must carry out visual inspect/examination, servicing, proof load testing, certify and colour code all the Static Rigging Equipment. See **Schedule 1A** with indicative items.
- 2.2 The Third Party (Service Provider) must carry out visual inspect/examination, servicing, proof load testing, certify and colour code all the Loose Rigging Equipment. See **Schedule 1B** with indicative items.
- 2.3 The Third Party (Service Provider) must carry out visual inspect/examination, servicing, proof load testing, certify and colour code all the Rigging Equipment inside the Rigging Lofts. See **Schedule 1C** with indicative items.

- 2.4 Provide 10 Litres or more of paint to carry out colour coding on all lifting equipment as well as lifting equipment inside the rigging lofts at the FA Platform.
- 2.5 Provide 20 Litres or more of OMEGA 65 grease to dress up (grease) wire ropes on Pedestal Cranes, Electric Hoists, Life boats falls, Life raft Davits and work pendants as well as wire slings
- 2.6 Provide services of calibrated Portable Load Cell to be used on Pedestal cranes proof load testing when required, the cranes Safe Working Load (SWL) is 32 Tons.
- 2.7 Provide service and test certificates of all lifting equipment serviced, certificates must contain the Lifting Machinery Inspector (LMI) number, inspection date, next service due date, and etc.
- 2.8 Timeline for Scope of work

The timeline for the scope of work is estimated to be 4 weeks at the FA platform.

The scope of work will be planned by the FA Superintendent and will be communicated to the service provider prior to mobilization from and to the FA Platform.

The maximum continuous time that the Service Provider can spend at the offshore Platform is 14 days.

The total number of 4 weeks will therefore be planned over multiple 7 day or a 14 day trips, which will be more than one mobilisation to the FA.

The mobilisation and demobilisation will be planned by the FA Superintendent and will be communicated to the Service Provider.

3. Service Provider additional responsibilities:-

- 3.1 The Service Provider shall provide qualified and experienced personnel such as LMI and Technicians for the Services.
- 3.2 The Service Provider's personnel must take their ID Book, or passport, and their Protective Personal Equipment (PPE) with them to the George Heliport.
- 3.3 The Service Provider must report any injuries to the FA Occupational Health Practitioner (OHP) immediately every time the Service Provider's personnel are injured whilst they perform the Service. The Service Provider must also report any incidents to the FA SHEQ Officer immediately.

4. PetroSA responsibilities:-

- 4.1 Transportation from Heliport to and from the FA Platform
- 4.2 Accommodation and catering services on-board, the FA Platform
- 4.3 Qualified Inspection Technicians and consumables to perform any required Non-destructive Techniques (NDT's)
- 4.4. The FA rigger will be available at all times to ensure that the Service Provider carries out the service and colour coding according to the defined SOW.
- 4.5 Scaffolding team and material will be made available to reach high areas on the plant.
- 4.6 Additional Painting that might be required

SCHEDULE 1A

Static Lifting Equipment (Indicative Items)

National oil well Pedestal cranes

32000 kg crane	2
Crane pendant - 16000 kg	2
Crane pendant - 32000 kg	2
Crane main block	2

Winches

Air winch - 1500 kg	2
Winch wire ropes - 2652 kg	2
Derrick winches	2

Davits

Life raft davit and winch	2
Lifeboat davits and winch	4
Lifeboat wire falls (ropes)	8
Life raft davit wire falls (ropes)	2
Lifeboat work pendant	8

Electrical hoists

1000 kg - 20000 kg	9
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Fixed runway beams

500 kg - 6500 kg	58
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Pad eyes

750 kg - 20000 kg	60
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SCHEDULE 1B

Loose Lifting Equipment (Indicative Items)

Spreader Beams

Spreader - 3000 kg	1
Spreader - 8000 kg	1

Miscellaneous Lifting Equipment

Lifeboat frame - 6000 kg	1
Personnel Transfer Basket (Billy Pugh) - 2800 kg	1
Aviation fuel tank	3
Turbine lube oil tank	2
Valve workshop container	1
Drum lifter	1
Diesel Mechanical workshop container	1
4 Wheel trolley	5
Pallet truck	4
Containers	

Valve workshop

Beam champ 1000 kg	3
Beam crawl 1000 kg	1
Air hoist 500 kg	1
Runway beam	1

500 kg for lifeboats usage	8
1000 kg for lifeboats usage	12
2000 kg for lifeboats usage	12
8500 kg for escape ropes and lifeboats usage	20
4750 kg for escape ropes usage	8
4750 kg - 8500 kg for escape ropes usage	10

2000 kg Life raft davit snatch blocks	2
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SCHEDULE 1C

Rigging Lofts (Indicative Items)

Full body harness	30
Safety harness lanyard	30
Beam clamp	64
Web sling	129
Snatch block	12
Tirfor pulling machine	2
Tirfor rope	4
Beam trolley	10
Chain block	46
Lever hoist	11
Wire rope sling	144
Screw pin bow shackle	156
Inertia reel	10