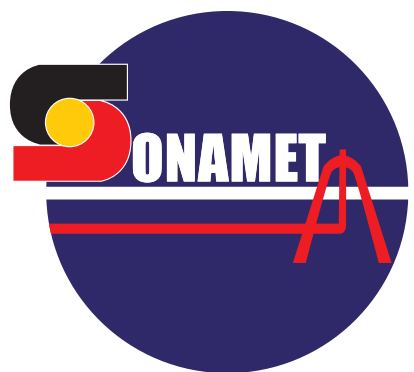




YOUR CONTRACTOR OF CHOICE





HIGH STANDARD SERVICES

Sonamet is a joint venture between Sonangol, Subsea 7 and WAPO.

Taking a “Made in Angola” approach to its work, Sonamet’s goal is to actively participate in the transfer of technology to the Angolan industry. To achieve this, the company encourages the development of local industry and related services and provides employment to local young professionals.

CONTENTS

- 1 SONAMET, YOUR CONTRACTOR OF CHOICE**
 - Sonamet’s values
 - From shallow water to deepwater projects
 - Sonamet’s core skills
 - QHSE Performance
- 2 FABRICATION IN LOBITO YARD**
 - Yards 1, 2 & 3
 - Main projects and achievements
- 3 DEVELOPING LOCAL PARTNERSHIPS OF QUALITY**
 - Building trust
- 4 INVESTING IN TALENTED PEOPLE**
 - Hiring locally
 - Investing in People
 - Training Centre
- 5 CLOSE TO THE COMMUNITY**
 - Sonamet and malaria
 - Social Responsibility
- 6 DETAILS**
 - Main Projects
 - Main Facilities
 - Main Equipment



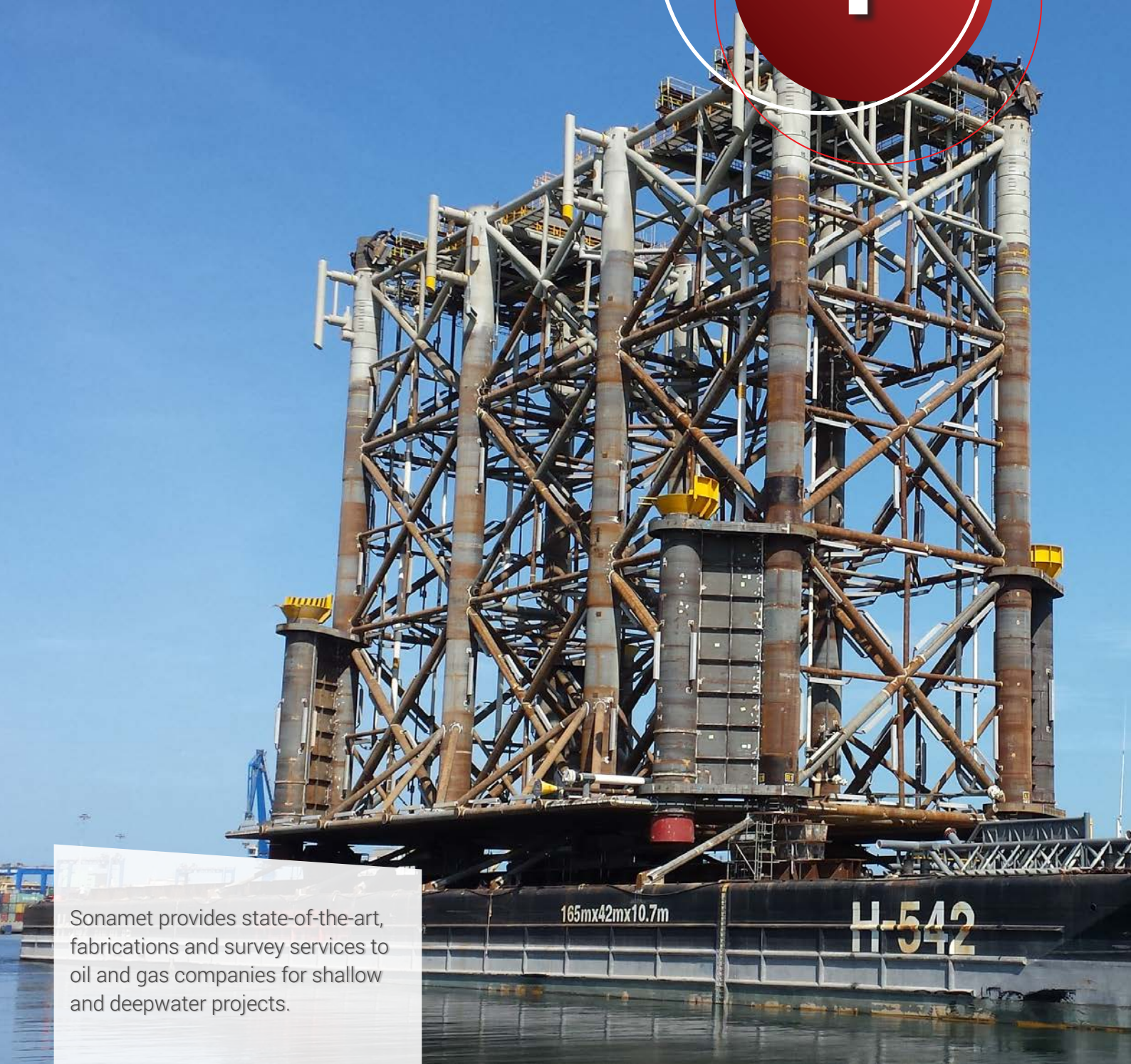
PLATEFORME SUD
D'OPERATIONS-
REPUBLIQUE
D'ANGOLA



Sonangol



angola



Sonamet provides state-of-the-art, fabrications and survey services to oil and gas companies for shallow and deepwater projects.



SONAMET

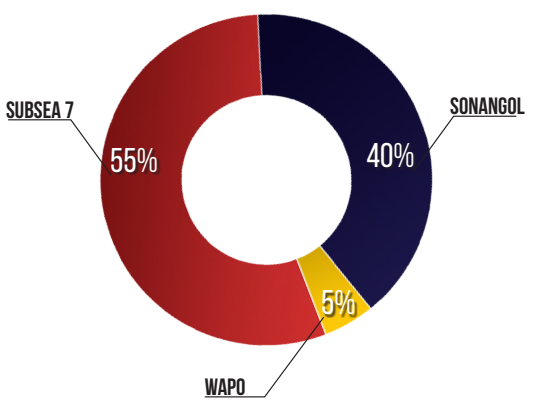
YOUR CONTRACTOR OF CHOICE

Created in 1998 and located in Angola's Lobito Bay, Sonamet's mission is to deliver state-of-the-art Engineering, Procurement and Construction development projects for the oil and gas industry.

Sonamet leads the development and transfer of technology through participation on the long term growth of local oil and gas industry and human capital.

«Made in Angola» is a target to reach for a balanced business between all partners involved.

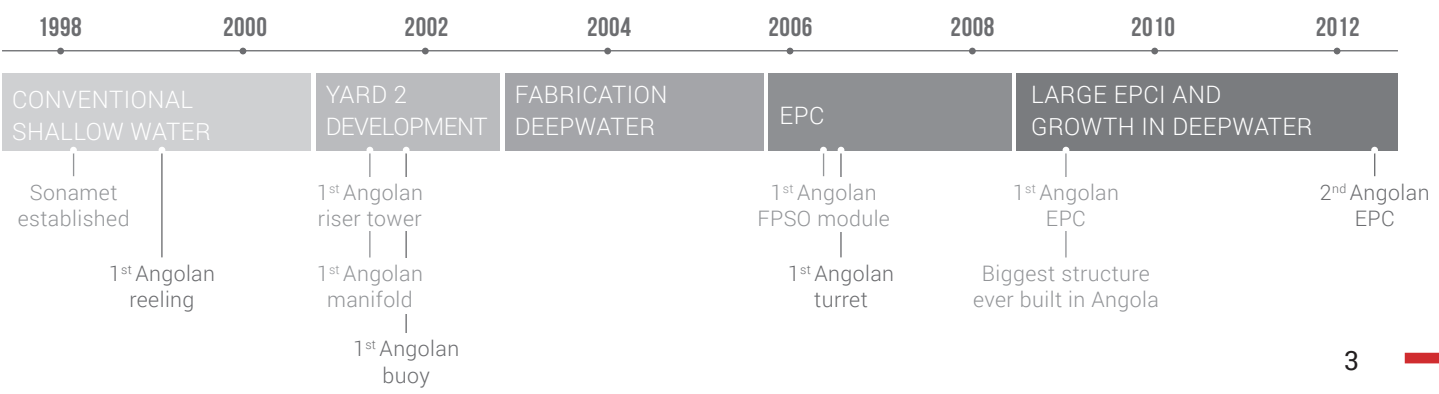
SONAMET'S SHAREHOLDERS



SONAMET'S VALUES ARE

- Our People
- Safety and Environment
- Client Focus
- Commitment to Excellence
- Community Involvement

FROM SHALLOW WATER TO DEEPWATER PROJECTS





SONAMET'S CORE SKILLS

- Fabrication in Lobito
- EPC/EPCI projects in Luanda and Lobito
- Survey and Positioning services in Malongo

With more than 18 years of fabrication experience, Sonamet is renowned for its expertise in the construction of:

- Offshore shallow water platforms (EPC)
- Topside modules, Jackets, Helidecks
- Riser Towers, Offloading buoys, Turrets
- Manifolds (structure + large & small bore)
- Suction and Anchor Piles
- PLETs, PLEMs, FLETs, FTA, ITA
- Double joints, Reeled pipeline
- Jumpers and Spools
- Offshore Survey Services (Malongo)

QHSE PERFORMANCE

The Quality, Health, Safety and Environment department provides guidance and standards for the necessary internal procedures, according to client's specifications, thus allowing staff to perform tasks in the best manner and successfully every day.

The success of our company depends on our ability to continuously improve the quality of our processes, while we protect our workers and the environment.

• **SAFETY:** Sonamet strives to achieve zero harm or injury to personnel and the environment. For Sonamet, Safety is the responsibility of each individual. Sonamet guarantees the supervision by safety inspectors during every operation and follows the 9 Golden Rules that dictates the standard level of performance of any activity with associated risks.

• **ENVIRONMENT:** Sonamet also sets high standards for Environmental performance. By monitoring and limiting its impact on the environment, such as waste production and processing, accidental spills, air and noise emissions, among others, it is able to protect its workers and local sites. The Environmental Management System was implemented in 2013 and Sonamet has achieved the **ISO 14001:2004** certification in 2016 as a result of the effort and dedication of all people in the company, with the accreditation of Bureau Veritas.

• **QUALITY:** Since the beginning of our company in 1998, we elected quality as one of our key corporate objectives and, therefore, in 2011, as result of the successful implementation of a Quality Management System, Sonamet achieved the **ISO 9001:2008** certification, with the accreditation of INMETRO, UKAS and ANAB.

EXISTING CLIENTS





Since 1998, Sonamet has been involved in all of Angola's offshore block developments.



2



Sonamet Philosophy:

- Execute the work without incident
- Deliver high quality product
- Complete the work in line with Contractor & Client's expectations



FABRICATION

IN LOBITO YARD

Sonamet Yard is located in Lobito's Bay. It is next to Lobito's Port, one of the most important ports in Africa's west coast due to its extension and water depth.

The yard has an area of 80 hectares, with 12.000m² of workshops, two quaysides with 180m and 140m of extension respectively, both with the water depth up to 10m.

Sonamet Yard is divided into 3 areas: Yard 1, Yard 2 and Yard 3.

YARD 1

This area represents a surface of **71.000m²** with a ground capacity of 50mT/m² with some reinforced sections with capacity of 83mT/m² (203 piles of 16" OD and 12 meters long vibrated onto the ground).

The Yard 1 is the historical assembly area of Sonamet and all types of structures have been built here.

The Quayside 1 has a total length of 180m with depth of 10m. Load-outs up to 5.500mT were safely executed on the skid-way of this quayside.

YARD 2

This area was initially used as a painting and storage area until 2013. Since then, Yard 2 has been completely cleaned, levelled and the soil reinforced, to allow the fabrication of the heaviest structure ever built in Angola and West Africa, as well as the safe movement of 800mT cranes.

In 2014, 85 lifts above 50mT have been executed safely including 2 upending of 1.750mT (same as 10 Boeing 747).

The Quayside 2 has been completed in 2015 for the load out of Mafumeira Sul Production Platform Jacket (6.000mT). This quayside is 142m long and 10m deep, with a reinforced skid-way of 6.000mT for each skid way.

YARD 3

A great portion of Yard 3 serves as storage area for scrap material and for cocooning equipment. Sonamet has invested in professional training facilities with 3 pavilions with a total area of 3.550m². Also in Yard 3, Sonamet invested in a Waste Management Area, of 4.165m², that enables storage and segregation of waste produce on the yard in a secure and safe manner.



MAIN PROJECTS AND ACHIEVEMENTS

• CLOV SURF PROJECT (2011-13)

This was the largest SURF project ever developed in Sonamet Yard. With a total weight of 50.836 mT (equivalent to 7 Eiffel Towers), the scope of work included:

- 130km of flowlines including
10/14 and 12/16" production Pipe-in-Pipe
10 and 12" water injection flowlines
12" gas export lines to the Angolan LNG
- 2 Hybrid Riser Towers, one for each production loop
- 1 Single Riser Tower at the end of gas export line
- 53 subsea structure (FLTEs, ILTs, SIV, 37 Spools and 15 Jumpers
- Mid Water Arches and Buoyancy Tanks.

• MAFUMEIRA SUL PROJECT (2013-15)

For this project, Sonamet scope of work included the **fabrication of the heaviest structure ever built in Angola and the biggest jacket ever fabricated in West Africa.**

The Mafumeira Sul Production Platform Jacket, weighting a total of **5.300mT**, represented a challenge in terms of: fabrication sequence (works at 60m of height), lifting operations (**upending 1.750mT structures**), schedule (fabrication in 13 months) and load out (26 hours of skidding).

• KAOMBO PROJECT (2015-18)

This project represented a total of 3.984,4mT of structures fabricated, which include:

- 9 Production Manifolds
- 19 Levelling Frames
- 19 Suction Piles
- 21 Xmas Trees Top Frames
- 35 Multi-bore Production Jumpers
- 21 Production Guide Frames.

Kaombo's fabrication started with the first cut on Suction Piles scope in June 2015 and the Jumpers represent the final stage in 2018.

Sonamet fabricated 9 manifolds of approximately 150mT each, for Kaombo SPS project scope. The fabrication of these manifolds started in August 2015 and **each manifold was fabricated in 16 months, which is a record in terms of Manifolds to be fabricated simultaneously.**

With Sonamet's experience on manifolds structures (**66 manifolds built before Kaombo SPS**) makes this challenge a success, both in terms of Safety, Quality and schedule.



2013 was the year with the highest activity level ever in Sonamet. With a record of almost six million safety man-hours achieved without a single DAFWC.



3



Sonamet currently has partnerships with more than 40 local suppliers, from fabrication material to inspection and certification services.



DEVELOPING

LOCAL PARTNERSHIPS OF QUALITY

Sonamet is committed to improving the local economy by providing opportunities to local suppliers and sub-contractors.

As part of its procurement policy, Sonamet purchases goods and services from local businesses.

BUILDING TRUST

A rigorous procedure is employed for selecting and monitoring suppliers, ensuring that each one is able to meet the necessary schedule, safety, quality and environmental requirements.

This is ensured through the process of Audits which are conducted in order to evaluate each supplier and sub-contractor's conformity and performance.

Where local suppliers are unable to meet Sonamet's requirements and business expectations, Sonamet meets regularly with international vendors and sub-contractors to assess opportunities to provide services and products locally through new venture or joint venture creations in Sonamet's areas of operation.

Sonamet also gives preference to suppliers that hold a valid Environmental License, aiming at elevating the standards of business of local and international companies.



INVESTING IN TALENTED PEOPLE

HIRING LOCALLY

Sonamet continuously works to achieve technical and social objectives set by the Angolan Ministry of Petroleum for the development of the country's national oil and gas industry. Currently, close to 80% of Sonamet's workforce – including senior management – is Angolan and comes mainly from the Benguela province.

Sonamet has always encouraged the professional development of its employees. This has been effective and enabled many of them to reach supervisory and senior management positions.

INVESTING IN PEOPLE

Training programmes are carefully prepared each year to meet the company's long-term personnel development strategy.

Besides the welding and pipe fitting training, these facilities enable other courses to be taught to Sonamet workforce, such as English, Portuguese and French. In addition to other specific training programmes suitable for different Sonamet departments.

TRAINING CENTRE

The Training Centre is focused mainly towards the training for pipe fitting and welding and is designed to meet Sonamet's requirements in terms of specialized workforce. It is also a way of investing in the community.

Since the opening of the Training Centre, Sonamet has delivered to the Angolan job market 1.200 pipe fitters and welders.

The Training Centre has resident instructors that closely follow all students' activities and progress.



4



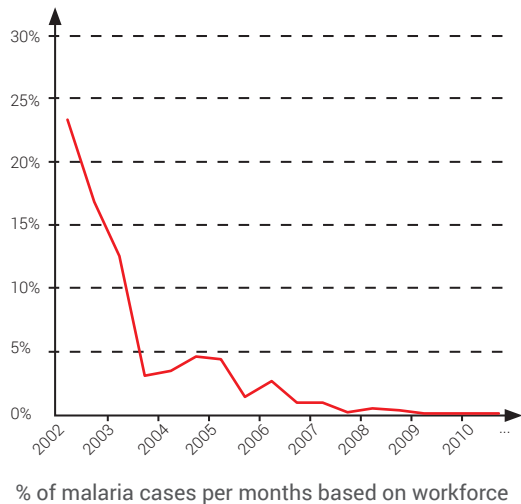
The Training Centre follows high standards and requirements of Safety, Environment and Quality to ensure proper training is provided to future and current workers of Sonamet.



5



Thanks to Malaria Control Program, malaria diagnosis has significantly improved allowing more effective and targeted treatments.



CLOSE

TO THE COMMUNITY

SONAMET MALARIA CONTROL PROGRAM

Malaria is a major health risk for Sonamet's employees and the wider Benguela community. In 2000, the company launched an ambitious Malaria Control Programme (MCP). The results have been very positive. A dedicated MCP team, with specific training of blood analysis and managing malaria outbreaks, is able to diagnose and effectively target treatment of the disease.

In addition, Sonamet sponsors a team of local and international experts to conduct studies on the transmission of malaria in the Benguela region. Information is passed to the Angolan public health authorities to benefit the whole community and new pilot projects have been launched in coordination with the Ministry of Health.

The results have also been used by the World Health Organisation, which has recognised the effectiveness of the MCP developed by Sonamet.

SOCIAL PROJECTS

Sonamet has an active role in the social development of the Benguela community.

The company has contributed to improved education and health throughout the province.

The following social projects are examples of Sonamet's contribution to the development of Benguela Province:

- Creation of a primary school in Lobito
- Funding of two surgical departments in maternity unit, the creation of a blood bank and a new medical laboratory in the paediatric department of Lobito's hospital
- Publishing of a children's book in partnership with Chevron («Floki, the Flamingo»)
- Funding of facilities' refurbishment of local school (ADPP in Cavaco, Benguela)
- External events with schools and associations for the celebration of World Environmental Day (every 5th of June)
- Continuous support to Lobito's Administration activities and events.

MAIN PROJECTS

COMPANY	PROJECT	DESCRIPTION	WEIGHT (tons)
CHEVRON – CABGOC	Vuko	Jacket + Deck + Piles & Caisson	1.405
	Kungulo B	Jacket + Deck + Piles & Caisson	1.405
	KWIP	Jacket + Piles	1.745
	Waterflood	Fabrication and Reeling of Pipeline 6" to 12"	14.280
	Malongo North Lago	Skids	162
	North Nemba	Flare Boom	800
STOLT OFFSHORE	Seaway Polaris – J Lay Ramp	Structural Work	400
ABB Offshore Systems CHEVRON – CABGOC	Kuito 1C	Manifold Duplex Piping works	80
Coflexip Stena Offshore CHEVRON – CABGOC	Kuito 1C	Mid-water Arches Structural works	450
AMG TOTALFINAELF	Girassol	3 Risers Towers – 3 Risers Anchors	3 x 1.300
SBM TOTALFINAELF	Girassol	1 Export Buoy 9 Suctions Anchors	600 720
MPG TOTALFINAELF	Girassol	16 FPSO Suctions Anchors	1.020
MPG TOTALFINAELF	Girassol	16 FPSO Suctions Anchors	1.020
ABB Lumus Global EXXONMOBIL	Kizomba 'A'	8 TLP Plies + 24 access platform + 3 Buoyancy Cans	3.148
Hyundai Heavy Industries EXXONMOBIL	Kizomba 'A'	1 Buoy + 7 Piles + 15 Suction FPSO Anchors Piles	3.661
Cameron EXXONMOBIL	Kizomba 'A'	4 Manifolds + 2 Piles	1.125
STOLT Offshore CHEVRON – CABGOC	Sanha Bomboco	Jacket + Deck + Piles + Bridges + Flare + Risers + Spools	7.587
Cameron EXXONMOBIL	Xikomba	4 Manifolds + Piles	360
DSME EXXONMOBIL	Kizomba 'B'	8 TLP Plies + 2 Boat Landings	2.680
Vetco Gray EXXONMOBIL	Kizomba 'B'	WHAP	75
Saibos EXXONMOBIL	Kizomba 'B'	1 Buoy + 7 Piles + 15 Suction FPSO Anchors Piles	3.661
Cameron EXXONMOBIL	Kizomba 'B'	3 Manifolds + 10 Piles + Foundation Bases	1.049
DSME CHEVRON TEXACO	Benguela Belize	Drilling Template + Levelling Pile Template + Piles + Boat Landings + Flare Boom + ...	2.351
KOP Total	Dalia	Suction Piles + Bottom Foundation Bases + Porch Guide Bases + Manifolds + ...	700
FMC BP	Greater Plutonio	6 Manifolds and 6 Manifolds Structures	741
ACERGY BP	Greater Plutonio	R. Towers, FPSO Piles, Manifolds, Piles, Sleds, Spools	5,425
		Buoy and 7 Piles	1,240
Ponticelli Total	Rosa FPSO Topside	Module 7A and 7B and small Lifting Inst. Aids	1,266
APL TOTAL	Dalia	Buoy and 6 Piles	814
Subsea 7 Chevron	Lobito Tomboco	24 PLET's /ITA	440
Vecto Gray / Chevron	Lobito Tomboco	3 Prod., 3 W. Injection Manifolds and 3 Piles	504



6







COMPANY	PROJECT	DESCRIPTION	WEIGHT (tons)
Technip / TOTAL	Dalia	12 FPSO Suction Piles	1.428
Dynamic Industries / CHEVRON	Banzala	Jacket B & Appurten. Jacket C & Appurten. Piles	1.683
Exxon	Kizomba C Mondo and Saxi-Batuque	2 FPSO Turrets, 9 Suction Piles	1.800
Vecto Gray	Kizomba C Mondo and Saxi-Batuque	14 Manifolds, 12 Suction Piles	2.000
Samsung	Takula TGPP	Jacket, Piles, Bridge & Flare Boom	2.600
DSME	Tombua Landana	Levelling Piles, Levelling Pile Template, Boat Landings, Flare Boom, Drilling Pipe Rack	2.700
CABGOC	Mafumeira Norte	EPCI Contract for the complete platform and KWIP hook-up works	3.150
GE (VG) / CHEVRON	Tombua Landana	Production & Injection Manifolds and Suction Piles	225
Acergy / Chevron	Tombua Landana	PLETs and Jumpers	104
Acergy / Exxon	Block 15	PLETs, PLEMs, Buoyancy tank, piles, foundation and jumpers	3.300
Modec / HMC / BP	Block 31	Pipes racks, driven piles, foundation, buoyancy tank	2.950
DSME / Total	PAZFLOR	Mooring protectors, boat landing, helidecks, suction pile and riser protector	3.900
FMC / Total	PAZFLOR	Manifolds, SSU, MSS, Foundations & Piles	1.354
APL / Total	PAZFLOR	Offload Buoy and Piles	946
Acergy / Total	PAZFLOR	SURF	1.139
CABGOC	CONGO RIVER Crossing	ECP f Pigging Platforms	4.146
	Kungulo B	Jacket + Deck + Piles and Caisson	1.405
	KWIP	Jacket + Piles	1.745
	Waterflood	Fabrication and Reeling of Pipeline 6" to 12"	14,28
	Malongo North Lago	Skids	162
	North Nemba	Flare Boom	800
TEPA / Subsea 7	CLOV SURF	CLOV SURF, PLETs, PiP & DJss	50.836
TEPA / BW	CLOV Deepwater Buoy & Suction Piles	PC f CLOV Deepwater Buoy and Suction Pile	1.213
TEPA / FMC	CLOV Subsea	Fabrication of CLOV Subsea Production System Equipment	1.630
BP / Subsea 7	PSVM Gas Export	GES B31 - PLEM - Protection Structures - PLRs and Suction Piles Fabrication	846
DSME / Chevron	South Nemba Crossing	Jacket + Pile	8.391
DSME / Chevron	Mafumeira Sul	2 Jacket + 1 Tripod	8.029
GE / Exxon	Kizomba Satellite Phase II	6 Manifolds + 4 Suction Anchors	1.120
Bumi Armada / ENI	Block 15/06	5 FPSO Modules	2.096
Aker / Total	Kaombo SPS	9 Manifolds + 19 Suction Piles + 35 Jumpers + 21 PGBs & 21 XMT Roofs	3.987

MAIN FACILITIES

ITEMS	EQUIPPED WITH	FEATURES
Riser Tower 250m length	17x Overhead crane (pórtico), DEMAG	SWL= 15mT
	2x Overhead crane, DEMAG	SWL= 2,5mT
	2x Overhead crane, DEMAG	SWL= 3,2mT
	Pipe conveyor system, BAUHOUIS	
	Line up, BAUHOUIS	
	3x Pipe bevelling machine, PROTEM	US 80 - US 150
	Drive roller, BAUHOUIS	
Reel Base	2x Overhead crane, KONECRANES	SWL= 2x 5mT
	Pipe conveyor system, BAUHOUIS	
	Pipe bevelling machine, PROTEM	US 220 HSB
	Mobile hydraulic power unit, PROTEM	
Duplex 1	1x Overhead crane, CONDRA	SWL= 5mT
Duplex 2	2x Overhead crane, KONECRANES	SWL= 5mT
	4x Overhead crane, KONECRANES	SWL= 1mT
Duplex 3	2x Overhead crane, KONECRANES	SWL= 5mT
	4x Overhead crane, KONECRANES	SWL= 1mT
Duplex 4	4x Overhead crane, KONECRANES	SWL= 10mT
Pile Rack 1	Idle roller, BARDOT	
	Drive roller, BAUHOUIS	
	3x Auto welder head, SAF	Subarc CB-MATIC LM 32-43
Pile Rack 3	1x Overhead crane, DEMAG	SWL= 10mT
	2x Overhead crane, DEMAG	SWL= 16mT
	2x Auto welder head, SAF	Subarc 5 MFT 82 x43
	2x Plate cutting machine, SAF	Oxytome 40 E
	1x Rolling machine	DAVI-MCB 3075 4 rolls; power: 150HP; current: 191A
Pile Rack 4	1x Overhead crane, DEMAG	SWL= 50mT
	1x Rolling machine	Promau Davi MCB 3070; power: 150HP; capacity: mm3.000x86/72
Bracing Line	1x Pipe profiling machine, MUELLER OPLADEN	RB 950/2.000; 25mT; Dmax: 2.000mm
	Drive roller, BAUHOUIS	
	Pipe conveyor system; BAUHOUIS	
	2x Auto welder head, SAF	
	2x Overhead crane, DEMAG	
Old Mueller Area	1x Pipe profiling machine, MUELLER OPLADEN	RB 950-2.000 EL AGD
	1x Pipe profiling machine, MUELLER OPLADEN	RB 450 N AG
	1x Circular saw, KALTENBACH	HDM 91 1
	1x Tower crane, POTAIN	MC85B; SWL= 5mT; h= 30m; boom= 45m
	1x Overhead crane	SWL= 1mT
	1x Overhead crane	SWL= 40mT
	Drive roller, A&N Plant	Drivecap 150.000kg; 50.000kg



ITEMS		FEATURES
Plate Shop Area	2x Hoist, MANNESMAN DEMATIC	SWL= 10mT
	1x Hoist, VERLINDE-EUROBLOC	SWL= 5mT
	1x Plate cutting machine, SAF	Oxytome 5C T 1510
	1x Plate cutting machine, SAF	5 PMD
	1x Plate cutting machine, SAF	40E
	1x Rolling machine, FACCIN	4HEL 3149; power 44kW; Central rolls diameter: 490/470mm
Pipe Shop Area	2x Overhead crane, DEMAG	SWL= 10mT
	2x Pipe bevelling machine, PROTEM	US25B
Pipe in Pipe Area	Drive roller, BAUHOUIS	
	Idle roller, BAUHOUIS	
	Pipe conveyor system	
	1x Overhead crane, KONECRANES	SWL= 2x 5mT
	1x Overhead crane, KONECRANES	SWL= 2x 8mT
	2x Pipe bevelling machine, PROTEM	US40HY-SDV
Material Control Warehouse (New facilities for sensitive equipment)	1x Pipe bevelling machine, PROTEM	US80HY-DV
	2x Overhead crane, KONECRANES	SWL= 15mT
	1x Overhead crane, VILQUIN	SWL= 10mT
		Pavilion dimensions: 61x 20m Side cover: 4x20m & 4x11m
Waste Management Area	Waterproof area with controlled drainage	5000 m ² & 2x Oil-Water Separator
	3x Storage secondary containment	Storage capacity = 42 m ³
Crane Maintenance Area	Waterproof area with controlled drainage	1260 m ² & 1x Oil-Water Separator
Offices		Yard: 70
		Headquarters: 22
POWER GENERATION CAPACITY		
Existing power plant	4x gen-set; Mode: SDMO PS880S	4x 800KVA
Restaurant	1x gen-set, CATERPILLAR	800KVA
Training Centre	1x gen-set, CATERPILLAR	800KVA
Pile Rack 4	1x gen-set, CATERPILLAR	500KVA
Pipe in Pipe	1x gen-set, CATERPILLAR	800KVA
	1x gen-set, CATERPILLAR	350KVA
Yard 1	1x gen-set, SDMO	110KVA
Yard 2	1x gen-set, SDMO	60KVA
NEW POWER PLANT		
1 st Phase (in use)	2x gen-set, WARTSILA 9L20	2x 2.000KVA
2 nd Phase	1x gen-set, WARTSILA 9L20	2.000KVA

MAIN EQUIPMENT

DESCRIPTION		MODEL	FEATURES
Cranes	Crawler	2x Demag CC 2400	SWL= 400mT & Boom length: 48,00m
		2x Manitowoc 18000	SWL= 750mT & Boom length: 73,20m
		1x Manitowoc 16000	SWL= 350mT & Boom length: 66,00m
		1x Manitowoc 14000	SWL= 100mT & Boom length: 35,00m
		2x Manitowoc 12000	SWL= 34mT & Boom length: 61,00m
		1x Manitowoc 5500	SWL= 30mT & Boom length: 21,21m
		1x Manitowoc 4100	SWL= 122mT & Boom length: 27,43m
		6x Manitowoc 4000	SWL= 77-105mT & Boom length: 24-105m
		1x Manitowoc 3900	SWL= 67mT & Boom length: 39,62m
	Hydraulic Wheeled	6x PPM A400	SWL= 35mT & Boom length: 30,57m
		1x PPM A450	SWL= 40mT & Boom length: 30,57m
		1x PPM A600	SWL= 60mT & Boom length: 32,40m
		1x TEREX A600	SWL= 60mT & Boom length: 32,40m
Manlift, HAULOTTE	1x HA26PX	SWL= 230KG & Elevating height: 20m	
	1x HA260PX	SWL= 230KG & Elevating height: 23,6m	
	1x HA41PX	SWL= 230KG & Elevating height: 39m	
	1x 12DX	SWL= 450KG & Elevating height: 10m	
Forklift	1x Taylor Y-62WO	SWL= 28mT	
	1x Manitou MC50	SWL= 5mT	
	1x Manitou MC30	SWL= 3mT	
	1x Sambron T 3093 S	SWL= 4mT	
	2x Bobcat T40140	SWL= 4mT	
	1x Kalmar 32-1200	SWL= 32mT	
	1x Manitou M 50.4	SWL= 5mT	
	4x Manitou MLT 742	SWL= 4,2mT; Telescopic	
	1x Manitou MRT 2540	SWL= 2mT; Elevating height: 24,6 & Basket cap.: 365kg	
	3x HAULOTTE HTL 4010	SWL= 4mT; Telescopic	
	2x LINDE R 25 S	SWL= 2,5mT	
	1x Taylor T650L	SWL= 28,9mT	
	1x Manitou MHT10120L	SWL= 12mT; Telescopic lift height: 8m	
	1x LOC 120D34	SWL= 2mT	
	2x Toyota 8SM14	SWL= 1,2mT; Electric transpalette	
Wheel Tractor	3x Renault, 160.94 TZ		
	6x New Holland, TM 150 4WD		
Flat-bed Trailer	3x Comevi-Eriaud	SWL= 30mT	
	5x ACTM, A45315	SWL= 35mT	
	1x Baj & Fond, BS32	SWL= 32mT	
	1x Trailor, S32E	SWL= 32mT	
	1x Trailor, Great Dane	SWL= 30mT	



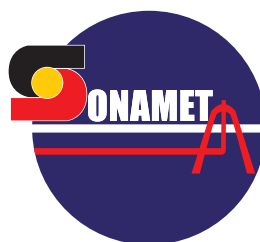
DESCRIPTION		MODEL	FEATURES
Multi Wheel		1x Willeme, TG 250	16 lines - 3 rows; SWL= 521.000kg
		1x Nicolas, MDEDM	SWL= 200.000kg
Winch	Mooring	4x Skagit, RB-90W-GM	Power: gasoil; Driving cap.: 14,6mT; rpm: 142
	Air	2x Ingersoll Rand 7RFG16	SWL= 567kg
		2x Dickermann	SWL= 12mT
	Hydraulic	7x EMCE	SWL = 3-10mT
Electric	3x HUCHEZ	SWL= 500-800kg	
Cargo Work & Transport Barge		2x Van Mill International	
		1x Multicraft IHC	
Lubrication Mobile Station		1x Mobile station	
Air Compressor		9x Portable	6-7,9 bar
		9x Portable	> 8 bar
		0x Fixed	< 8 bar
		40x Fixed	> 8 bar
Welder Rectifier		18x Diesel	Miller, Lincoln
		540x Electric	Miller, Lincoln, Kempi, Prestotig
		19x Arcair	Miller, ESAB
		186x Wierfeeder	Miller, Lincoln, Kempi
		32x Weldawhead/Welcarrier	SAF, Lincoln
Post Weld Heat Treatment		3x FOFUMI P10-60	Power: 60kW
		2x CETH TT60	Power: 60kW
		10x MILLER	Power: 35kW
Plant		2x Potable water treatment	Flow: 10m³/h
		3x Acetylene Plant	Flow: 17m³/h
Emergency Vehicles		2x Ambulance	
		1x Fire Truck	Magirus-Deutz
Civil Works		6x Wheel loader	Caterpillar 966C, 980C, 580 SK, 980G, 962H & 428E2
		2x Motor grader	Caterpillar MG12E & 120G
		3x Shovel excavator	Caterpillar 312CL, M315 & 320D
		1x Bulldozer	Caterpillar D7G
		2x Vibrator roller	Caterpillar CS533E & Belle-group BWR650
		1x Concrete plant ORU C-2250	Flow: 30m³/h
		1x Concrete plant BP1800	Flow: 73m³/h
		1x Truck weighbridge	Max. Cap.: 50mT
Dust Control		1x Truck with water spray	Capacity = 30 m³
		1x Truck with coagulant dosage device	Capacity = 20 m³
Waste Management		1x Truck weighbridge	Max. Cap.: 60mT





SONAMET, YOUR CONTRACTOR OF CHOICE.





SONAMET – LUANDA

Rua Domingos Tchekahanga
n°18 Ingobotas
c/o Edifício de WAPO BP 5728
Luanda
Tel: (244) 222 33 21 50
Fax: (244) 222 33 74 95

SONAMET – LOBITO

Rua 1° de Dezembro
Lobito - Província de Benguela
Caixa postal n°479
Local line (244) 272 22 20 17
From abroad :
+33 (0)1 40 97 67 92
+33 (0)1 40 97 67 95
Fax: +33 (0)1 40 97 67 93 or 94

WWW.SONAMET.COM
INFO@SONAMET.COM