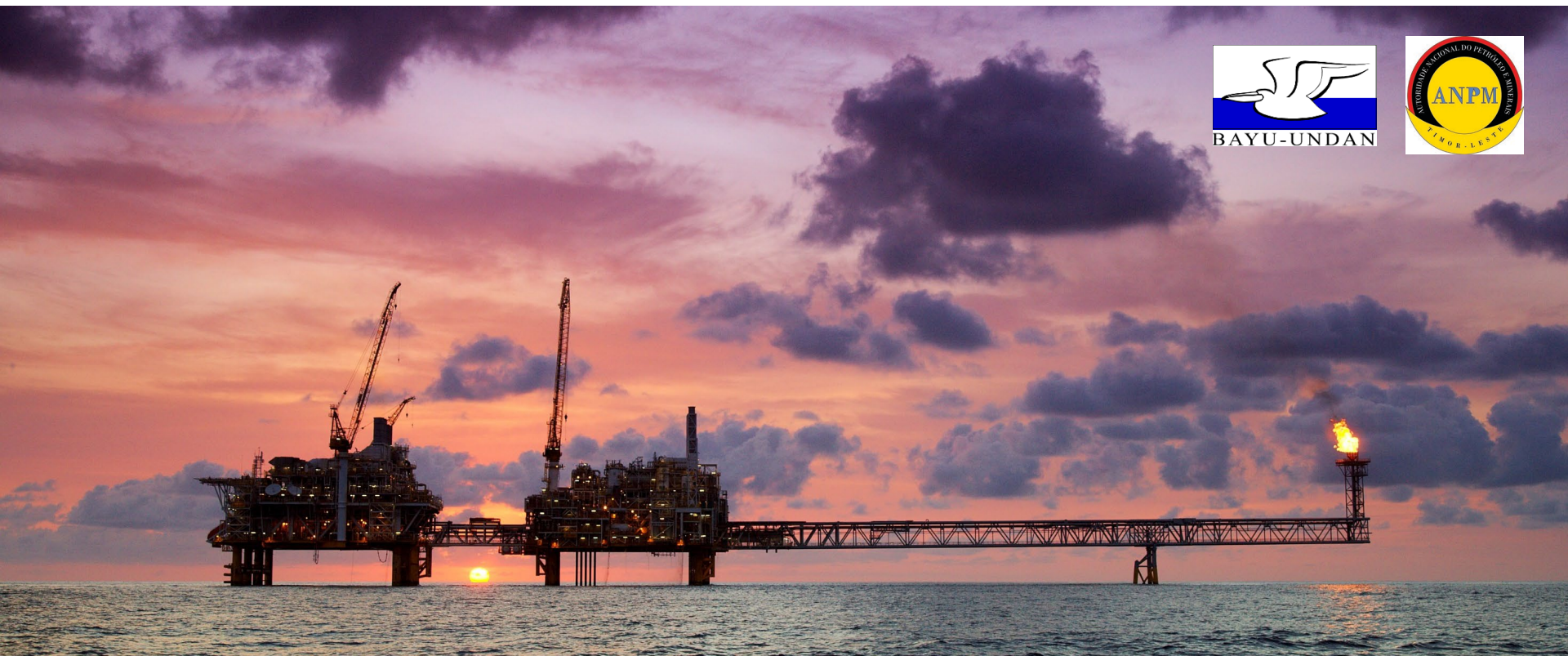


Bayu-Undan Suspension of Operations

Supplier Information Session, Dili, Timor-Leste, May 2022

Santos



| | | |
|---|---|--|
| Safety Briefing | Timor Plaza Hotel Representative | |
| Opening Address | Fernando da Silva | ANPM Director Development & Production |
| Introduction and Purpose of Information Session | Jose Lobato Toni Franklin-Montes | Santos Country Manager Santos Senior Advisor Local Content |
| Bayu-Undan Overview | Paul Pattrick | Principle Operations Advisor |
| Logistics Requirements | Jeff Knight Nigel Critchley | Santos Team Leader Marine Santos Team Leader Logistics |
| Field Support Service Requirements | Paul Pattrick | Principal Operations Advisor |
| Local Participation & Contracting Approach | Gen Wallace Reinalda Pires | Santos Offshore Procurement Manager Santos Timor Leste Engagement Coordinator |
| Questions & Answers | All attendees | |

Opening Address / Diskursu Abertura

Fernando da Silva

Director-Development and Production / Diretór Dezenvolvimentu no Produsaun

Development and Production Directorate / Diresaun ba Dezenvolvimentu no Produsaun



Purpose of Information Session

Jose Lobato Goncalves – Santos Timor-Leste Country Manager / [Diretór Nasionál](#)

Toni Franklin-Montes – Santos Senior Advisor Local Content

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- + Santos is a foundation partner in Bayu-Undan
- + 2020: Santos purchased ConocoPhillips interest in Bayu-Undan and is now Operator and the biggest equity holder
- + Expected Bayu-Undan cessation of production date is late-Sept 2022 / early-Oct-2022.
- + Looking for opportunities to extend Bayu-Undan life further, as well as other growth opportunities in Timor-Leste
- + Bid submitted on Block R as part of the Timor-Leste 2021 acreage release. Awaiting results
- + In parallel we are planning for the eventual decommissioning of Bayu-Undan, which is a large project that will occur over several years



Timor-Leste Participation

- + Santos is committed to Bayu-Undan delivering jobs, business opportunities and training to Timor-Leste
- + US\$201+ million spent locally by Bayu-Undan on local goods, services, employment and training; US\$21.8+ million in 2021
- + 469 Timorese positions at Bayu-Undan; 41%+ of our offshore workforce is Timor-Leste
- + US\$23+ billion revenue to the Petroleum Fund;
- + Bayu-Undan Facility is now located in 100% Timor-Leste offshore waters
- + Made commitments to support Timor-Leste suppliers to compete for decommissioning work



Support Timorese Supplier Participation

- + Decommissioning is a long-term project in the planning phase
- + Seeking to maximise Timor-Leste supplier participation
 - + Early information to suppliers
 - + Use of local infrastructure (e.g. Tibar port)
 - + Unbundling of scopes and targeted procurement
 - + Encouraging international partnerships
 - + Have increased capacity of our Dili office to provide support
 - + Establishing an Enterprise Service Support Centre

Santos will give preference to goods and services produced in Timor-Leste, or provided by contractors operating out of Timor-Leste, provided they are offered on competitive terms and conditions compared with other tenderers



In collaboration with the ANPM, Santos is in the process of establishing an ESSC in Dili. The ESSC will:

- + Facilitate and support the early distribution of information for potential / imminent decommissioning scopes.
- + Facilitate information for local suppliers to access any potential schemes from Timor-Leste Government or other development entities, to build capacity and attain resources, such as access to financial capital.
- + Build capacity within the Timor-Leste supply chain, including but not limited to business administration and management skills training.
- + Identify technical training requirements along with proposed solutions to build technical capacity to support decommissioning activities.
- + Provide support with respect to procurement activities, including but not limited to proposal writing, tendering processes and identification of applicable standards and qualification requirements.
- + Contract management best practices post award.
- + Leverage and collaborate with existing local supplier institutions.
- + Facilitate an engagement strategy between local and international suppliers to foster alliances / partnerships, to build capacity and generate meaningful local content outcomes in Bayu-Undan decommissioning activities.

- + **Inform potential business opportunities for Timor-Leste suppliers relating to support services for the first phase of Decommissioning, being Suspension of Operations (Package 1)**
 - + Types of services that will be required
 - + Outline opportunities for Timor-Leste suppliers, and potential for partnerships & alliances
 - + Details of where can you find information and who to contact
 - + What Santos requires from its suppliers and actions suppliers can take
- + **Target audience:**
 - + Businesses registered in Timor-Leste
 - + Business activities related to offshore oil & gas industry or onshore related services

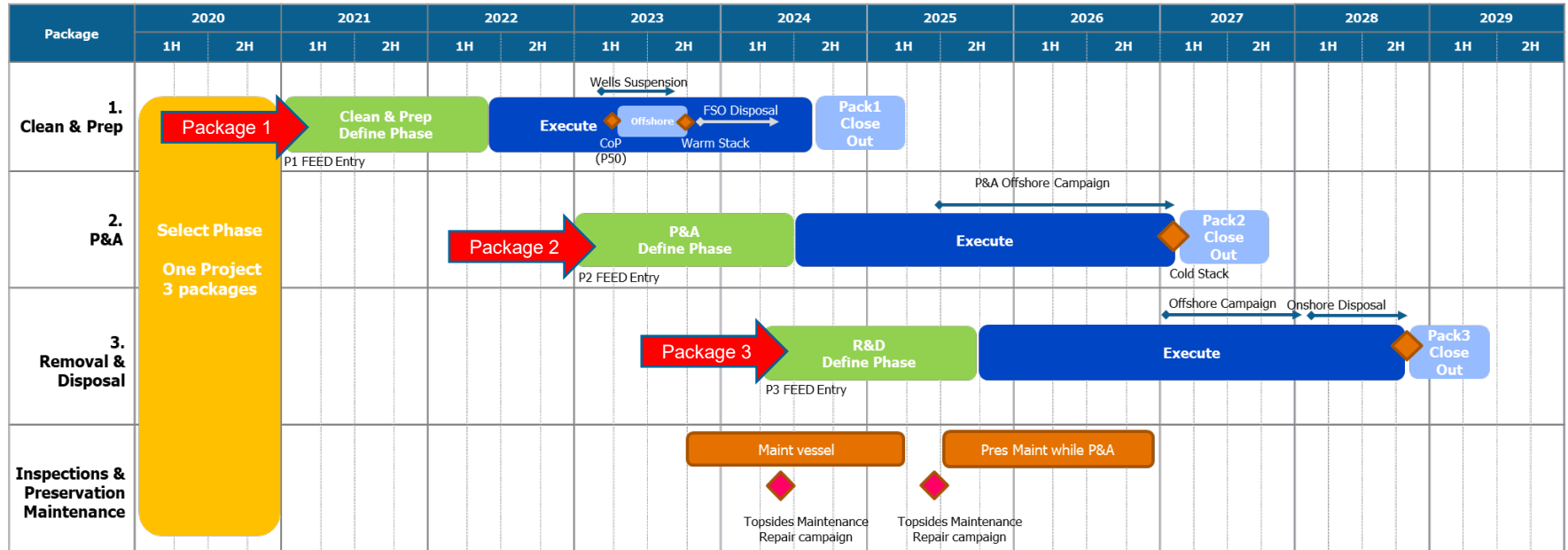
Note: Two supplier engagement sessions have occurred to date identifying opportunities related to Suspension of Operations (Package 1). This presentation focuses on opportunities related to logistics support, waste management, catering and field support services, maintenance/preservation services and other support services

Bayu-Undan Overview

Paul Patrick – Principal Operations Advisor

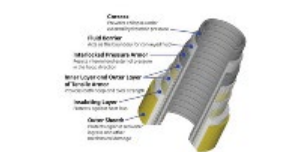
Santos

BU Project Delivery Roadmap



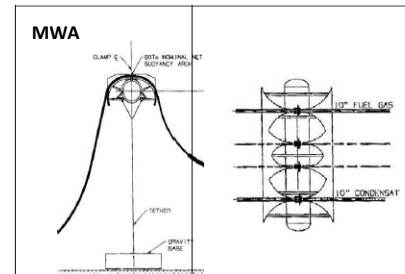
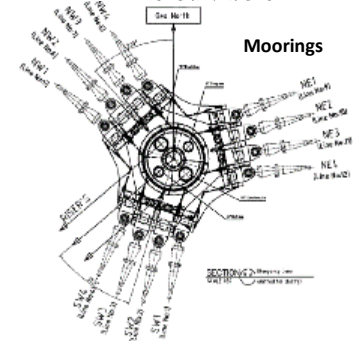
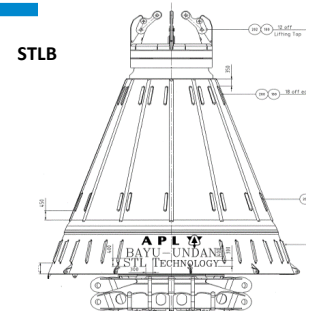
- + Cessation of Production estimated to be Q4 2022
- + Package 1 Suspension of Operations is time critical, other two packages are more flexible
- + Preservation maintenance required to preserve decom execution
- + Option to repurpose field infrastructure and use reservoir for CCS is in review

Suspension of Operations - Overview



Suspension of Operations Scope Overview

- + Isolate and disconnect all hydrocarbon sources, de-energise facilities, suspend topside wells
- + Purge, flush and clean process equipment using existing infrastructure and process capacity
- + Flush infield pipelines and chemically clean
- + Shutdown utilities and de-man platform
- + Flush and chemically clean FSO-CPP pipelines content to Central Processing Platform (CPP)
- + Decontaminate FSO (in Timor Leste)
- + Tow FSO to disposal yard and dispose
- + Removal and disposal of Submerged Turret Loading Buoy (STLB) & Mid-Water Arch (MWA)
- + Removal and disposal of 4x FSO Risers & 3x Well Jumpers
- + Flush and chemically clean Gas Export Pipeline (GEP)
- + Dispose of wastes down-hole
- + Establish Normally Unmanned Installation (NUI) status



The Tibar port is a new construction just west of Dili in Timor Leste, constructed and operated by Bolloré Ports and expected to be operational by end of 2022.

Upon completion it will consist of the following:

- + 630m piled wharf length with 5te/m² capacity
- + ~16m draft / Ship to shore (STS) cranes
- + Mobile harbour crane ~180te
- + Rubber tired gantry cranes (RTG)
- + Reach stacker / Forklifts / Tractors and trailers
- + Lay down areas / Wash down area
- + Office space and warehousing
- + Diesel and potable water

There is opportunity to use part of the port area for FSO cleaning, dismantling yard and marshalling. Waste management in Timor-Leste is also being developed to unlock potential further opportunities.

Contractors will be requested to give preference to the use of Tibar port facilities, subject to it satisfying necessary requirements.



Logistics Requirements

Jeff Knight – Team Leader Marine

Nigel Critchley – Logistics Team Lead

Santos

Logistics support vessels - PSV

Platform Supply Vessel

Provide deck cargo, fuel and water supply services to Bayu Undan facilities.

Required to commence in December 2022.

Minimum commitment is for 9 months with additional options.

Minimum Requirements

- + Primarily operate from Tibar Port
- + Able to visit Port of Darwin as required
- + Minimum deck space of 800m²
- + Carry minimum 500m³ of cargo fuel
- + Certified to carry Dangerous Goods
- + Maximum Summer Draft of 7.0 metres
- + Certified and operated under IMCA DP2 Guidelines
- + Fitted with Fast Rescue Craft in heave compensated davit
- + Fitted with fire-fighting capability to minimum Fi-Fi 1

Note the current PSV is provided by MMA Offshore





ISV

Provide in-field safety standby and personnel transfer services to Bayu Undan facilities.

Required to commence in December 2022.

Minimum commitment is for 12 months with additional options.

Minimum Requirements

- + Primarily operate from Tibar Port.
- + Able to visit Port of Darwin as required.
- + Minimum deck space of 300m²
- + Maximum Summer Draft of 6.0 metres
- + Certified and operated under IMCA DP2 Guidelines
- + Fitted with Fast Rescue Craft in heave compensated davit
- + Fitted with fire-fighting capability to minimum Fi-Fi 1

Note current ISV is provided by Kotug Maritime





Late 2023 Guard Vessel – Minimum Requirements

Provide in-field safety standby and personnel transfer services to Bayu Undan facilities.

Will be required in late 2023 – early 2024

Minimum commitment is for 12 months with additional options. Likely duration 2 years

Minimum Requirements

- + Primarily operate from Port of Dili
- + Accommodation for 25 -30 passengers
- + Maximum Summer Draft of 7.0 metres
- + Certified and operated under IMCA DP2 Guidelines
- + Fitted with Fast Rescue Craft in heave compensated davit
- + Fitted with fire-fighting capability to minimum Fi-Fi 1
- + Fitted with W2W gangway to operate in up to 2.5m Hs

Scope/Minimum Requirements

- + Secure storage of contractor rented equipment, Santos supplied materials, hazardous goods including chemicals
- + 3 x warehouse space of ~ 3500m² (one of which to be for hazardous goods)
- + Outdoor hard stand storage ~ 5000m²
- + Pallet racking for ~ 100 pallets
- + Forklifts and equipment (lifting jibs, drum lifters, container ramps etc.)
- + Full time operators (~4) – 7 days/week
- + 415V power outlets for food containers

Associated sub-scopes

- + Offshore rated containers (current vendor OEG Offshore)
- + Lifting and rigging equipment (current vendor A.Noble & Sons)
- + Transport of containers between Tibar Port and facilities as required
- + Stevedoring
- + Scrap metal and equipment disposal
- + Maintenance, re-certification and hire of Offshore Tanks and Containers

Note: Current Darwin based scope is provided by Qube, OEG Offshore, A.Noble & Sons



PSV Fuel

- + Marine diesel fuel (low sulphur), 120m3 delivered to vessel quayside every 2 weeks at Tibar Port
- + Fuel discharged directly from road tanker, bunker barge or facility into the ship's tanks
- + Certificate of cleanliness and testing and sample required

Platform Fuel:

- + Marine diesel fuel (low sulphur), 300m3 delivered to vessel quayside every 2 weeks at Tibar Port
- + Fuel discharged directly from road tanker, bunker barge or facility into the ship's tanks
- + Certificate of cleanliness and testing and sample required

Aviation Fuel:

- + Jet A-1 aviation fuel, 16000 litres delivered to vessel quayside every 2 weeks at Tibar Port
- + Fuel supplied into Santos owned 8 x 7KL offshore tanks.
- + Fuel to comply with CAA CAP 437 fuel quality standards
- + Manage the return and cleaning of empty tote tanks from Tibar
- + Certificate of cleanliness and testing required

Note: Current Darwin based scope is provided by BP Aust. (Diesel) and Viva Energy Aust. (Jet-A)



Waste Management

- + Access to a waste management facility that can accept nonhazardous waste streams such as Wood, packaging, perishables, general waste
- + Collection at Tibar Port of containerized waste
- + Disposal of waste in accordance with local regulations
- + Management and return to Tibar Port of waste receptacles
- + Supply of offshore rated waste skips
- + Disposal of oily waste liquids
- + Recycling service
- + DG & Hazardous waste service

Note: Current Darwin based services are provided by Veolia



- + Uncontaminated scrap metal
- + Batteries – NiCad, Lead acid, Lithium
- + Plastics
- + Drums
- + Cardboard and packaging
- + Drink containers Aluminium / Plastic
- + Cabling
- + Glass
- + Refrigerants
- + Equipment for disposal / sale

Dangerous Goods & Hazardous Waste Storage and Disposal Santos

- + Oily waste – Solids - Rags , Filters, Absorbent pads
- + Chemicals, solvents, Acids and Bases
- + Paints
- + Hydrocarbon contaminated sludges
- + Medical waste
- + Contaminated metals
- + Process contaminated filters
- + Fire Fighting Foam (AFFF)
- + Mercury and NORM's contaminated pipework and production tubing
- + Catalysts



Field Requirements

Paul Patrick – Principal Operations Advisor

Santos

Scope:

- + Provision of personnel and goods to address the catering and cleaning needs for all personnel working on the Bayu-Undan facilities. This requirement is a continuation of the existing services currently being provided –the total POB (Personnel On Board) will range from 188 to 40 during the SoOps phase. Scope includes catering, cleaning, laundry services (personal and general), rubbish coordination and pest suppression.

Minimum Requirements

- + Offshore catering personnel to include but not be limited to Camp Supervisor, Head Chef, Senior Chefs, Kitchen Staff, and Cleaners
- + Establish onshore team to support the offshore catering personnel logistics.
- + Supply of all catering equipment (excluding what is currently offshore) for the Bayu-Undan facilities.
- + Specifying and providing all food provisions to effectively sustain personnel on the facility offshore
- + Supply vessel will operate from Tibar Port. Develop supply chain for all food and catering provisions
- + Overall POB (Personnel On Board) is limited to 104 on the CUQ and 84 on the FSO including catering staff. This number vary over the course of the project and will reduce in the final months of the project
- + Personnel are operating 24hrs/day 7 days/week for 6 months minimum – manning of catering staff to reflect this.

Note: Currently this scope is provided by Compass

Scope:

- + During the period where the facilities are unmanned on completion of SoOps until facility removal is completed the facilities will require ongoing preservation and maintenance which will be supported by an Offshore Guard vessel (Separate scope) and will include crane operation and servicing, structural maintenance, monitoring, Fabric maintenance campaigns

Minimum Requirements:

- + Experience in providing fabric maintenance services in an offshore environment.
- + Offshore personnel suitably qualified and experienced to perform maintenance on all systems specified.
- + Assume 6 persons on an offshore rotation of 3 weeks on/3 weeks off
- + Periodic fabric maintenance campaigns of up to 12 additional resources (This will be seasonal and weather dependent)
- + Equipment including general and specific tooling to perform maintenance.

Note: Current supplier of these types of services is Clough Amec

Scope

- + Platform local communications, Microwave, Video surveillance, facility to shore communications including flight and vessel operations, requires specialist personnel and equipment to provide and set up communications on the facility and provide a support service for maintenance and breakdowns

Minimum Requirements

- + Technical support personnel (Service Technicians, Telecommunications Network Specialist, Engineering Draftsperson) qualified to Certificate IV in Engineering – Higher Engineering Trade (MEM40198) or equivalent
- + Supply of UHF base stations and hand held UHF radios with charging bases, headsets with mics
- + VHF base stations and handheld radios for ground to air communications and marine communications
- + All equipment to be EX rated and suitable for the marine environment

Note: Currently this scope is provided by CSE Crossman

Scope

- + Provide qualified medics (one for each facility) at all times offshore
- + Manage and stock the medical inventory offshore

Minimum Requirements

- + Demonstrated experience in providing offshore medical services to the Oil and Gas industry.
- + Medical personnel with at least 2 years experience working in a remote offshore environment.
- + Ability to provide personnel qualified to practice as registered nurses per Australian legislative requirements and registered as qualified practitioners by the Australian Health Practitioner Regulation Agency for offshore shift rotations
- + 24 hour on-call Medical Support Service
- + ‘Meet and Greet” services as needed to support medivacs from offshore
- + Staff to have passports/visas to enter both Timor-Leste and Australia
- + Comprehensive and up-to-date Clinical Practice Guidelines and Standard Operating Procedures.

Note: Currently this scope is provided by Corporate Australia Protection Group

+ Wireline / Well Intervention Services

- Specialist equipment and appropriately qualified personnel as typically used for current well interventions scope
- Wire-line and slick-line packages with full pressure control equipment
- Wireline tooling, associated equipment and personnel to run retrievable bridge plugs

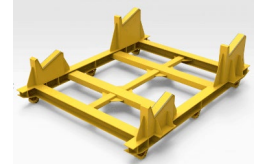
Note: currently these services are provided by Schlumberger and Haliburton has also provided them in the past

| HALLIBURTON | | | | Well No: | | DPP | | Date: | | 1 | |
|--------------------------------|----------|--|-----------------|---------------------------|-------------------|------------------------|-------------|--------------|----------------|------------------|--|
| Customer: | | Santos | | Well No: | | DPP | | Date: | | Dec 01 | |
| Location: | | Bago-Ubin | | Well Type: | | Electric Slick Rig Log | | Producer | | | |
| Operation Details | | Description | | Item Type | Item | Length (m) | Weight (kg) | LD (mm) | Pressure (psi) | | |
| Wireline | Wireline | Welded Line Control Head 3.6" x 9.0" Slick | 3.6" x 9.0" Ods | Item | N/A | 98,000 | 100 | r/a | 10,000 psi H2S | | |
| | | Tool Catcher | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 38,000 | 240.00 | r/a | 10,000 psi H2S | | |
| | | Quick Test Stub | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 30,000 | 110.00 | 3.000 | 10,000 psi H2S | | |
| | | Roller | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 19,000 | 110.00 | 3.000 | 8,000 psi H2S | | |
| | | Lubricator Section Complete With Lubricator | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 1,200.00 | 800.00 | 6.375 | 8,000 psi H2S | | |
| | | Lubricator Section | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 60.00 | 1,380.00 | 6.375 | 8,000 psi H2S | | |
| | | Lubricator Section | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 1,000.00 | 1,380.00 | 6.375 | 8,000 psi H2S | | |
| | | Lubricator Section | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 1,000.00 | 1,380.00 | 6.375 | 8,000 psi H2S | | |
| | | Lubricator With Mandrel | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 1,000.00 | 1,380.00 | 6.375 | 8,000 psi H2S | | |
| | | Quick Test Stub | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 30,000 | 220.00 | 6.375 | 8,000 psi H2S | | |
| | | Tool Trip | 3.6" x 9.0" Ods | Item | 3.6" x 9.0" Ods | 100.00 | 200 | 6.375 | 8,000 psi H2S | | |
| | | Clack Check 11.0" x 6.8" Ods | 3.6" x 9.0" Ods | Item | 11.0" x 6.8" Ods | 14,000 | 200.00 | 6.375 | 8,000 psi H2S | | |
| | | Wireline Valve (WSP) Tool Joint Lower Member Installed | 3.6" x 9.0" Ods | Item | 11.0" x 6.8" Ods | 60,000 | 4000.00 | 6.375 | 10,000 psi H2S | | |
| | | Lubricator/Plug | 3.6" x 9.0" Ods | Item | 11.0" x 6.8" Ods | 1,200.00 | 800.00 | 6.375 | 10,000 psi H2S | | |
| | | Lubricator/Plug | 3.6" x 9.0" Ods | Item | 11.0" x 6.8" Ods | 1,200.00 | 700.00 | 6.375 | 10,000 psi H2S | | |
| | | Clack Check 11.0" x 6.8" Ods x 9" Slick | 3.6" x 9.0" Ods | Item | 11.0" x 6.8" Ods | 19,000 | 200.00 | 6.375 | 8,000 psi H2S | | |
| | | Steel Plug In WSP (aka 9" Slick) 30.00 Slick | 3.6" x 9.0" Ods | Item | 7.118" API Flange | 27.00 | 2310.00 | 6.375 | 8,000 psi H2S | | |
| | | Wireline Valve Control Head Head 2" x 7.0" API Flange | 3.6" x 9.0" Ods | Item | 7.118" API Flange | 18.00 | 188.00 | 6.375 | 8,000 psi H2S | | |
| NAMES: Tool Joint 9" Slick | | | | | | | | | | | |
| Application Total Weight (lbs) | | 17922.00 | | Total Length: 111.28 (ft) | | Minimum Weight V.D. | | 3.00 (lb/ft) | | Date: 2008/02/11 | |
| Production Rate | | Wireline EV | | Wireline EV | | Wireline EV | | Wireline EV | | Wireline EV | |

| Sensor | Offset (m) | Schematic | Description | Length (m) | O.D. (in) | Weight (lb) |
|--|------------|-----------|--------------------------------------|------------|-----------|-------------|
| | | | STNDCH 5" END CH | 0.39 | 1.44 | 1.00 |
| | | | 1.4375 IN CABLE HEAD | 0.28 | 2.13 | 5.00 |
| | | | Wireline Valve | 2.187 | 1.88 | 10.00 |
| | | | ART-H2-18" | 0.69 | 2.13 | 11.00 |
| | | | 2.125" ART-H | | | |
| | | | ART-C-18" | 0.30 | 1.69 | 7.00 |
| | | | Valve Setting Switch | | | |
| | | | ROLLER BOSS/4.5" Roller Bogie | 0.60 | 4.50 | 32.00 |
| | | | 4.5" WIRE CONDUCTOR ROLLER BOSS/4.5" | | | |
| | | | DPUS-3-18" (1000001) | 4.29 | 3.38 | 300.00 |
| | | | DPUS | | | |
| | | | DRU - Base 20 for 5.9" EVO | 0.89 | 3.75 | 10.00 |
| | | | Base E-102 | | | |
| | | | SETTING ADAPTER | 0.76 | 3.75 | 20.00 |
| | | | REG ADAPTER 30-30MM, TOOL | | | |
| | | | REG Adapter - Running Tool | | | |
| | | | PLUGS-SL-EVO | 1.85 | 4.47 | 169.00 |
| | | | 5.9" EVO Valve Plug | | | |
| | | | SETTING_TOOL-SL-EVO Delta Center | 1.94 | 3.55 | 69.67 |
| | | | 5.9" EVO Delta Center | | | |
| | | | SETTING_TOOL-SL-SCAFFOLD Roller Sub | 0.61 | 4.47 | 26.00 |
| | | | 4.47" Scaffolding Roller Sub | | | |
| LOCTIM | 0.00 | | | | | |
| LLMTEN | 0.00 | | | | | |
| SANTOS D04 5.9" EVO/Chieve Plug setting with DPUS REV0 | | | | | | |
| Dataset: | | | CCL PERFORATOR | | | |
| Total length: | | | 12.80 m | | | |
| Total weight: | | | 657.67 lb | | | |
| O.D.: | | | 4.50 in | | | |

- + Vessel Decontamination and Media Replacement (currently provided by Contract Resources)
- + Flexible Hose Management, Maintenance & Supplies (currently provided by Hoseco)
- + Satellite Services (currently provided by Speedcast (primary) & Optus (backup))
- + Maintenance/click cost of Multifunction Printer Devices (currently provided by Ricoh)
- + Meteorological Systems Maintenance for Bayu-Undan and Dili (currently provided by RPS)
- + Valve Maintenance Services (currently provided by Callidus)
- + Diesel Engine Maintenance – MTU/Emergency Generators and Fire water pumps (currently provided by CHES)
- + Laboratory Services (currently provided by SGS)
- + Industrial cylinder gases - requires Australian standard connections (currently provided by BOC)
- + Freight forwarding services (currently provided by Altus)

Industrial goods supply



PPE

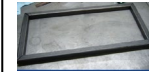
Rigging equipment



Food and catering supplies



Temporary supports/
frames for
equipment transport



Temporary Hoses

Cleaning chemicals
and acids

Flanges and Fittings



Maintenance
consumables



Temporary Pumps



Low spec valves
for flushing



Containment
materials



Medical Supplies

Below type goods will be required across multiple scopes, ideally an agency buying house that provides a range of supplies

| Description | Category |
|-----------------------------------|-----------------|
| Food Supply | Catering |
| Temporary Hose supply | Consumables |
| Industrial Gasses (Lab & Welding) | Consumables |
| Maintenance consumables | Consumables |
| Medical Supplies | Consumables |
| PPE Supplies | Consumables |
| Flanges & Fittings Supply | Consumables |
| Gaskets Supply | Consumables |
| Industrial Gasses (N2 Quads) | Consumables |
| Lab Chemicals | Consumables |
| Laboratory Consumables | Consumables |
| Valve supply | Consumables |
| Decontamination chemicals | Decontamination |
| Steel supply for temporaries | Fabrication |
| Rigging equipment Supply | Vendor |

Local Participation and Contracting

Genevieve Wallace – Contracts & Procurement Manager

Jody Stephenson – Contracts Lead - Logistics

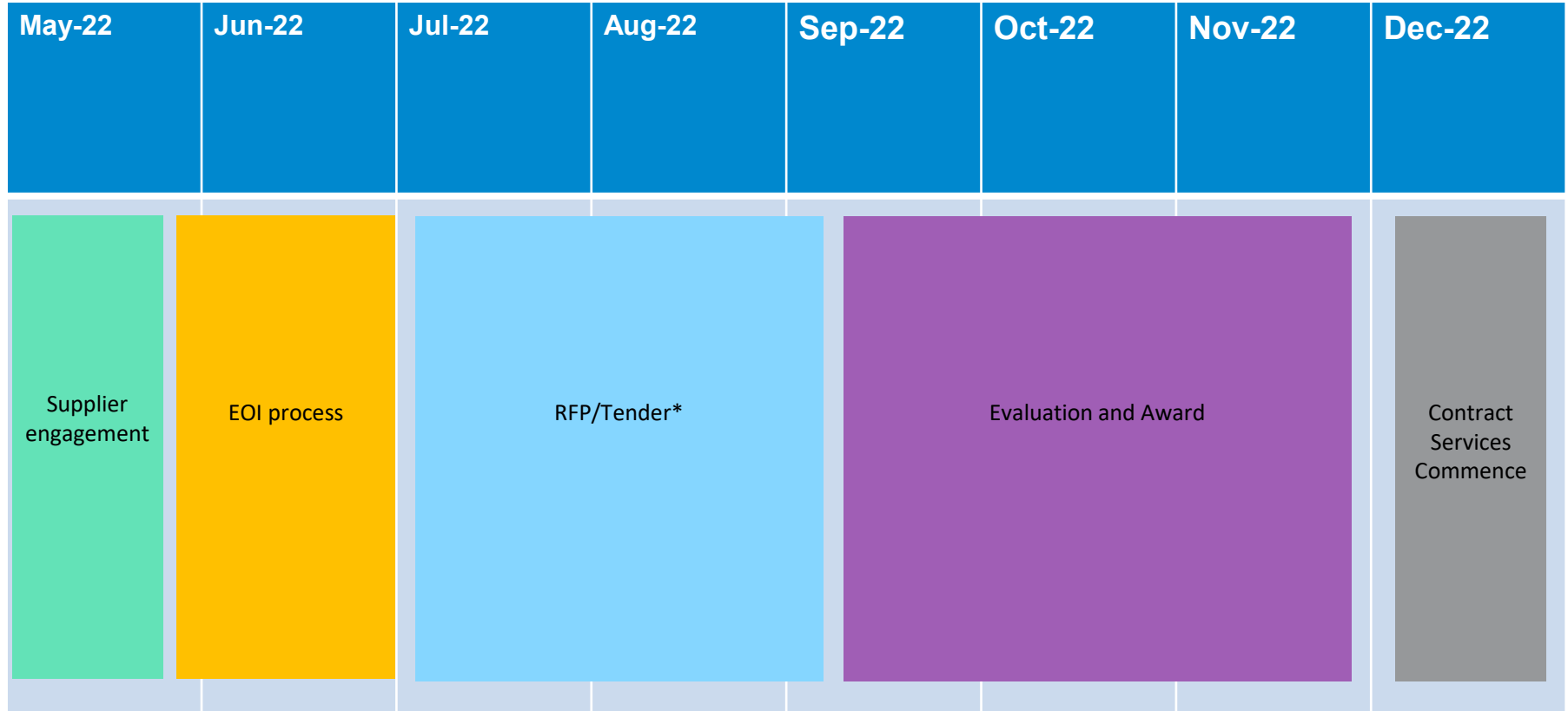
Reinalda Pires – Dili Procurement Officer

Toni Franklin-Montes - Senior Advisor Local Content

Santos

- + Most contracts that support ongoing operation of the Bayu-Undan field will expire before the end of 2022. A number of scopes will continue in some capacity to support Suspension of Operations activities. Some of these scopes, such as fuel supply, vessels, supply base services, waste management and the like, will transition to supply out of Timor-Leste once Tibar Port is operational
- + Following the Supplier Engagement Sessions this week an EOI process will proceed which will identify the minimum requirements for each scope.
- + Where there are Timor-Leste entities (in their own capacity or as a partnership) who are interested and who demonstrate capability to meet the minimum requirements, a Request for Proposal (RFP)/Tender will be issued

Tendering Timeline – Existing scopes



*Note the Guard Vessel and Walk to Work Gangway will not be tendered until Q1 2023

EOI stage

- + Outline how your company has the capability to meet the minimum requirements identified for the particular scope
- + Identify whether you are interested as a direct tenderer or as a sub-contractor

Tender/RFP stage

- + Read all documents and seek clarifications where needed
- + Provide information on your company's capability and competencies to execute the scope of work as requested in the tender documents
- + Provide the commercial information in the format requested
- + Clearly identify any technical or commercial exceptions in the format requested
- + Ensure all tender information is submitted within the requested deadline and that any post-tender clarifications are responded to when requested and in a timely fashion

Good oilfield practice requires:

- + health safety and environmental standards
- + performance quality of goods and services
- + technology to optimise productivity and performance
- + reliability and on time delivery
- + compliance with Anti-corruption legislation and
- + cost competitiveness.
- + Bayu-Undan also requires demonstration of how local content will be considered and delivered for the particular scope.

In submitting a tender, tenderers will be asked to demonstrate:

- + how they meet these standards and requirements
- + their particular experience and competency for delivery of the work
- + how they will execute the work
- + the cost of delivering the work

Advertisements requesting Expressions of Interest:

- + Published in Independente and Timor Post
- + Available on Santos website: <https://www.santos.com/procurement/bayu-undan-opportunities/>
- + Adverts provide details of scopes of work required and minimum requirements

Note: Santos will also email suppliers registered at this event to advise when the EOIs have been published

Actions requested from Timorese Suppliers:

- + Review Advertisements
 - + Respond to applicable adverts with details of your capabilities and how you meet or have capability to meet the minimum requirements
 - + Submit a Supplier Form – available from: Santos website: ABUW.BayuUndanEOI@santos.com
- + Contact potential international tenders
 - + Santos Dili Office and the Enterprise Support Services Centre can provide details and facilitate contact with international tenderers upon request
 - + Explore what you can provide them and partnerships

Important: When expressing interest in scopes, provide information that demonstrates that you meet, or have capability to meet, the minimum requirements identified in the EOI.

Bayu-Undan Local Business Register

- + Timor-Leste suppliers that have registered interest in supplying goods and/or services to Bayu-Undan
- + Issued by Santos with Invitations to Tender
- + Maintained by Procurement Officer in Dili Office

If interested in supplying goods / services to Tenderers:

- + Register interest with Santos Dili Office via ABUW.BayuUndanEOI@santos.com
- + Include specific details of the goods / services you can provide and details of your experience
- + Santos will provide details to the tenderers of suppliers that are interested
- + Santos can provide contact information for international tenderers for suppliers interested in particular scopes who wish to explore partnership opportunities with an international supplier

Tenderers / Contractors may contact International Suppliers directly to explore and offer:

- + Goods and services contracting
- + Employment
- + Partnerships and alliances

Procurement Team:

- + **Reinalda Pires**, Timor Leste Engagement Coordinator
Rulison De Jesus, Supply Chain
- + Dili based Procurement support for local supplier participation
- + Focal point for responses to Expression of Interest (EOI) adverts
- + Can assist in facilitating meetings between Timorese suppliers and major Bayu-Undan contractors
- + Contact details:
 - + Email: ABUW.BayuUndanEOI@santos.com
 - + Office address: Santos NA Timor Leste Pty Ltd, Unit 401, Level 4 -CBD 3, Dili Central Comoro/Timor Plaza Building, Dili, Dili, Timor-Leste

Engineering Team:

Robin Araujo, Engineering Supervisor
Antonio Gomes, Project Engineer

- + Contact point for technical discussion
- + Can advise Suppliers if there are potential requirements at Bayu-Undan for goods / services offered

- + Looking for opportunities to extend Bayu-Undan life further, as well as other growth opportunities in Timor-Leste
- + In parallel we are planning for the eventual decommissioning of Bayu-Undan; a large project that will occur over several years
- + Participation of local Timor-Leste suppliers is a key focus
- + Tender scopes will be advertised inviting Expressions of Interest following these sessions
- + Encourage you to also explore international partnerships
- + Our Dili office is there to help and a dedicated Enterprise Services Support Centre will be established shortly. These will assist with:
 - + Facilitating introductory meetings
 - + Receiving Supplier Forms and Expressions of Interest
 - + Providing Timorese supplier information to relevant tenderers
- + Important to include specific details of the goods / services your business provides

On behalf of the ANPM and Santos, we would like to thank you all for attending this Supplier Information Session today

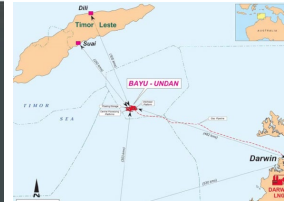
Thank you / Questions?

Santos

Annexes

(to be added to the handout material only)

Bayu-Undan Offshore Facilities Overview



Water depth: 78 – 110m

Wells

- + 32 Wells (23 platform, 9 subsea)
- + + Phase 3C infill wells

WHP1

- + 14 well slots
- + 1,400 tonne topsides
- + 1,480 tonne four legged jacket

Gas Export Pipeline

- + 380 km GEP – prospect of only removing section within Timor Leste being worked (~36km)

CUQ

- + 10,850 tonne topsides
- + 10,000 tonne eight legged jacket

FSO

- + 172,500 dwt tanker
- + 230,000m³ product storage
- + Submerged turret loading system with 12 chains/wire and anchor piles

Subsea Structures

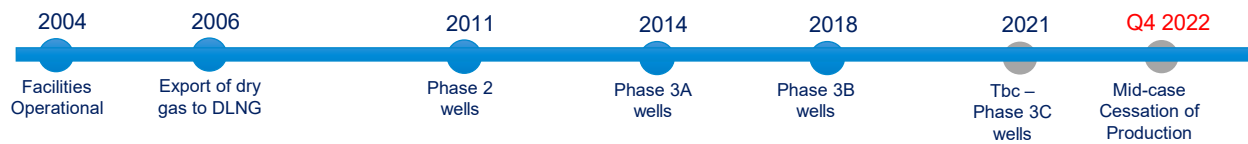
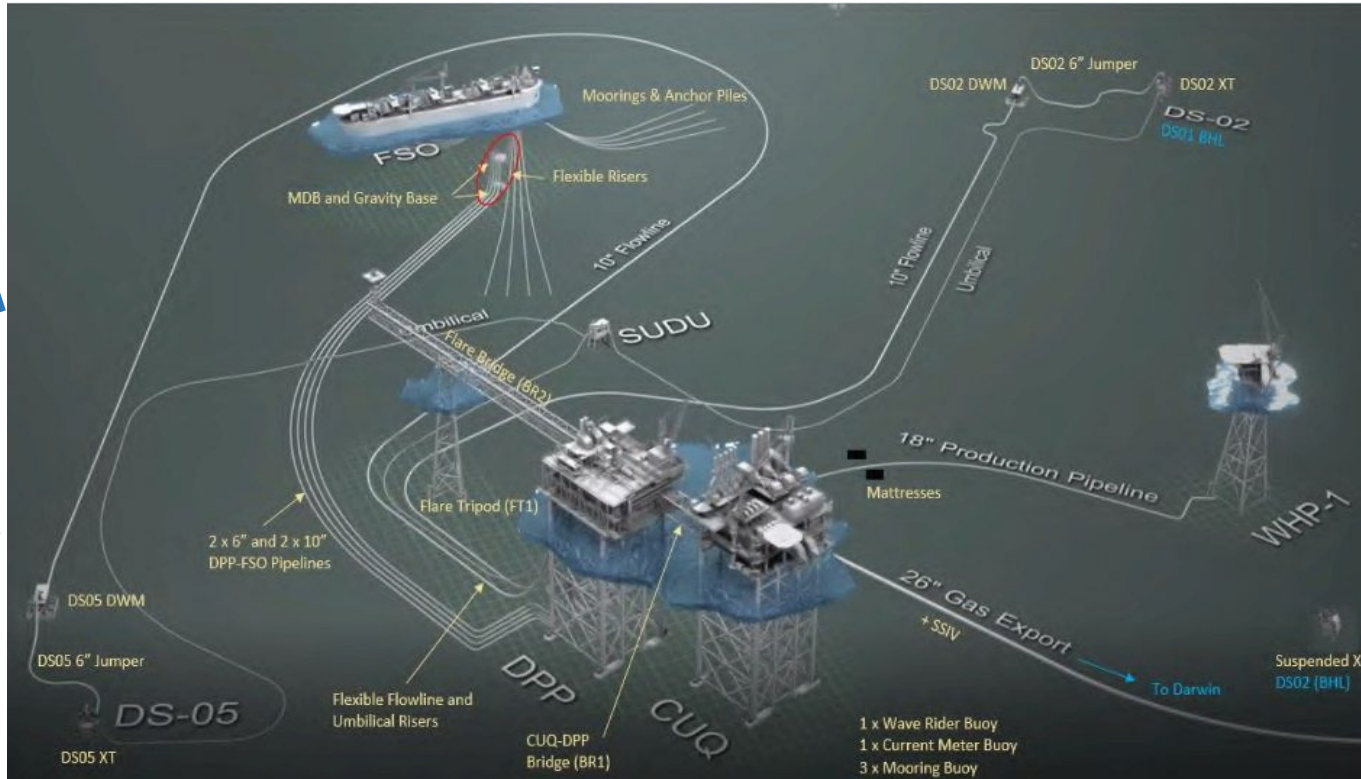
- + SUDU, SSIV, DWM
- + MDB and Gravity Base
- + STL Buoy and Mooring Chain
- + 5-off additional buoys

Infield Pipelines and Umbilicals

- + 41km infield pipelines both rigid and flexible
- + 20km umbilicals
- + SSIV riser umbilical
- + Spools and Jumpers

DPP

- + 16 well slots
- + 14,100 tonne topsides
- + 10,500 tonne eight legged jacket
- + Flare Tower inc bridge



Package 1 Types of Services Required with Potential for Local Participation

| Description | Category |
|---|-----------------|
| FSO Tank cleaning & CSE Services | Decontamination |
| Topsides cleaning support services | Decontamination |
| Engineering support services | Engineering |
| Offshore Container/Tank Hire | Equipment |
| Scaffolding Equipment Hire and services | Equipment |
| Temporary buildings | Equipment |
| Flange Management Equipment Hire | Equipment |
| HVAC Chiller Hire | Equipment |
| Nitrogen Generating Equipment Hire | Equipment |
| Steam Generating Equipment Hire | Equipment |
| Temporary Generator Hire | Equipment |
| Temporary Pumps Hire | Equipment |
| Tool Hire | Equipment |
| Radio Hire | Equipment |
| Fabrication of temporaries (Steelwork) | Fabrication |
| Environmental Monitoring Dili | HSE |
| Health Monitoring Dili | HSE |
| Flange Management Services | Labour |
| Maintenance and decommissioning support services | Labour |
| Nitrogen generation Operations & maintenance/services | Labour |
| Steam Generation Operations & maintenance/services | Labour |
| Laboratory/Testing services | Labour |
| Warehousing Onshore Dili | Logistics |

| Description | Category |
|---|-----------|
| Accommodation Dili | Logistics |
| Crane and transport service Dili | Logistics |
| Decommissioned equipment marshalling yard | Logistics |
| Expediting and clearance services | Logistics |
| Forklift Hire and maintenance Dili | Logistics |
| Hose testing and certification | Vendor |
| Hydraulic services | Vendor |
| Rigging equipment testing | Vendor |
| HVAC Chiller Maintenance/services | Vendor |
| Temporary generator Maintenance/services | Vendor |
| Scrap equipment disposal broker | Waste |
| Hazardous waste disposal Dili | Waste |
| General waste disposal Dili | Waste |
| Onshore Decontamination services | Waste |
| Onshore demolition yard Phase 1 | Waste |
| Quarantine waste disposal Dili | Waste |
| Scrap metal recycling and disposal | Waste |