

Project Sea Dragon - Major Construction Packages

Site: Grow Out Facility, Legune, NT

Ref. No.:	Packages:	General description:
P1	Establish and Operate Quarry	Excavate, crush, screen and stockpile products to required quantity and quality on site at Legune. Quarry products to be used in the construction of roads, embankments and hard standing areas.
P2	Temporary roads to enable construction access	Upgrade existing Legune Station roads for all year access to construction areas - grade, truck quarry material for low lying areas, trim and compact.
P2	Accommodation village hardstand area	Clear site, grade, truck quarry material, place, trim and compact to required level.
P3	Design, Supply and Construct Accommodation camp	Design, supply and construction of the facility for 250 personnel including all buildings, infrastructure and services on site at Legune. Commissioning and handover to camp operators.
P4	Bulk earthworks - Inlet channel, Settlement pond and hardstands	Bulk earthworks to construct Seawater Intake channels, Settlement Pond and Hardstand areas.
P5	Bulk earthworks - Grow out Ponds	Bulk earthworks to construct Farm1 ponds (40 x 10 ha ponds), channels & drains. Includes finishing embankments and pond bases to design levels.
P6	Main Discharge Channel Outlet Piling	Design, supply and install piles, discharge gates and rock armouring.
P6	Seawater Intake Jetty & pump installation	Design, supply and construct jetty including the installation of the large flow pumps and pipework.
P7	Construction Camp operation and maintenance	All operation (catering, laundry, cleaning) and maintenance requirements for 250 person construction camp.
P8	Supply Inlet and Outlet Structures	Supply, manufacture and deliver HDPE inlet and outlet structures.
P8	Installation of Inlet and Outlet Structures	Excavate, install and backfill inlet outlet structures including sluice valves.
P9	Bulk earthworks - Main discharge channel	Bulk earthworks to construct Main Discharge Channel. Includes sheeting and finishing embankments.
P10	Install Precast Concrete	Install all precast concrete culverts.
P10	Supply Precast concrete	Design, manufacture and delivery of all precast concrete culverts.
P11	30 kilometres stock and biosecurity fencing	Supply and erect all fencing to delineate construction and farm areas.
P12	Farm Services Buildings and Infrastructure	Design, fabricate, deliver and construct metal clad steel buildings, donga style offices, laboratory, control room, water treatment plant, tankage and services such as power, water and sewerage reticulation.
P13	Electrical supply, installation, testing and commissioning	Supply, installation, testing and commissioning of Electrical works including all Seafarms supplied electrical equipment, instrumentation and controls.
P14	All Weather Access Road from Legune boundary into farm area	Upgrade existing Station roads suitable for all year access. Access designed for 5 year flood level with culverts, sheeting, compaction, drainage and realignment.
P15	Mechanical installation, testing and commissioning	Installation of Seafarms supplied items such as drum filters, floating pumps/pipework, water control gates, screens, ice plant, tanks including testing and commissioning.
P16	Detailed earthworks & in situ concrete	Supply and place in situ concrete including associated detailed earthworks. Includes site batch plant and supply of concrete raw materials.
TBA	Power generation plant (BOOM)	Build, own, operate and maintain (BOOM) a 10 Megawatt power generation plant on site at Legune.
TBA	Various procurement packages	PSD will procure materials and equipment direct from vendors and suppliers, typically this will be processing equipment, pumps, valves, piping and electrical equipment.
TBA	Various construction services	In addition to the main construction contracts various other service contracts are required, typical examples of these are: Paramedics, Geotech, surveying, engineering, fuel supply, communication equipment, freight and transport.

Project Sea Dragon (PSD) provides this preliminary Expression of Interest advice on proposed work packages. PSD may alter the packages in any way, at any time, to facilitate the most effective project delivery