

PROJECT SEA DRAGON – EXPRESSION OF INTEREST

| Package Title | Part A Mechanical Installation Works | | | | |
|------------------|--|--|--|--|--|
| Reference Number | r C047 | | | | |
| Project Overview | The proposed Project Sea Dragon (PSD) is a large-scale, integrated, land-based prawn aquaculture project in northern Australia that will deliver premium quality, year-round reliable volumes for domestic and export markets. PSD will be a staged development of up to 10,000 hectares of production ponds as well as a series of facilities across northern Australia including: Founder Stock Centre and Quarantine Centre at Exmouth, WA; Bynoe Breeding Facility, that includes a Core Breeding Centre and a Broodstock Maturation Centre, at Bynoe Harbour, near Darwin, NT; Hatchery to be built at Gunn Point, near Darwin, NT; Grow-out Facility to be built at Legune Station, NT, approximately 100 km from the town of Kununurra, WA; and Processing facility to be built approximately 15 km north of Kununurra, WA. | | | | |
| | Core Breeding Centre and Broodstock Maturation Centre, Davik, Police Cargion - Sprose Harbour, NT breeding centres for the selection, fight performing broodstock for the hatcheries Core Out Facility - Legune Station, NT Land bood grow out farms, water exchange and other infrastructure for growing and harbourship jobics light personnel broodstock in the hatcheries Core Out Facility - Legune Station, NT Land bood grow out farms, water exchange and other infrastructure for growing and harbourship jobics light personnel broodstock in the hatcheries Core Out Facility - Legune Station, NT Land bood grow out farms, water exchange and other infrastructure for growing and harbourship jobics light personnel broodstock in the hatcheries Core Dreeding Centre and Broodstock for the hatcheries Core Out Facility - Legune Station, NT Land bood grow out farms, water exchange and other infrastructure for growing and harbourship jobics light personnel Station Rumunura Maturuman Northern Territory Queensland and Corenoadion centre for workers and core for the section, NT Sonoming and receiving two insolated for provincing and receiving and receiving and receiving two Accommodation centre for workers and core for the section, NT Sonoming and receiving and received for provincing and receiving and received the harvested growns, freeting, pokaging and depoted to the horvested growns, freeting, pokaging and depoted to to the port. South Australia South Australia | | | | |
| | Seafarms has all the necessary regulatory approvals in place to build Stage 1 of the development that consists of approximately 1,120 Ha of ponds and the associated upstream and downstream facilities. Seafarms proposes to develop Stage 1 in several steps with Stage 1a (S1a) being one farm at Legune of approximately 400 Ha, and the upstream and downstream facilities at Legune and other sites. Subject to further funding, the balance of Stage 1 is targeted to be complete within 3 years of commissioning S1a and that subsequent stages 2 and beyond to the full scale of approximately 10,000 hectares would continue to be delivered in line with overall schedule of work. Stage 1a of Project Sea Dragon has a total construction budget of approximately \$281M excluding cost contingency and escalation. Organisations interested in responding to this request for expression of interest are encouraged to review Seafarms (ASX – SFG) Annual Report Presentation released on the ASX site 1st September 2020 and later announcements. The shortlisted respondents may be required to sign a Non-Disclosure Agreement (NDA) prior to receiving the Tender Documents. | | | | |

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Package Description

The Core Breeding Centre (CBC) and Broodstock Maturation Centre (BMC) are collectively known as the Bynoe Breeding Facility (BBF). The BBF site is located at Point Ceylon, Bynoe Harbour, approximately 120 km by road west of Darwin. Site access is off Fogg Bay Road.



The CO47 work package comprises the supply of labour, equipment, and consumables for the installation of mechanical equipment at the BBF facility. This equipment will be installed in water treatment, pumping and power generation systems.

EQUIPMENT SUPPLY

Some of the equipment will be purchased by PSD and free issued to the contractor:

Principal Supplied Equipment:

- Two Skid Mounted Pumps;
 - Seawater Intake Pump;
 - Transfer Pump & Suction Pipe; and
- Skid Mounted Disk Filter.

Contractor Supplied Equipment:

- HDPE Piping; and
- Seawater Intake Structure and Suction Pipe.

INSTALLATION

The contractor will be responsible for the supply of all labour and equipment necessary to install the principal and contractor supplied equipment including cranes, lifting gear, transport, tools, etc. The contractor will supply all consumables, provide PPE then remove and dispose transport packaging, place, and fix equipment in location.

Pump & Disk Filter Installation

The two diesel powered pumps, weighing approximately 1000 kgs each, are to be relocated from the BBF holding yard and placed on hardstands provided at the raw seawater ponds and seawater intake.

The skid mounted disk filter, weighing approximately 500 kgs, is to be relocated from the BBF holding yard to the seawater intake structure and suction pipe area.

Once set on hardstand, the contractor is required to remove and dispose of all transport packaging and complete the installation of the pump ands and filter.

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Refer to the following drawings in the reference documents section:

Pump Locations; and

Overall Layout Plan - Hydraulics.

HDPE Supply and Installation

The contractor will be responsible to supply and install HDPE pipes as described in Table 1 below and refer to the pump locations and overall layout plans in the reference documents.

| TABLE | 1 H | DPE INSTALLATION | | | | |
|------------|-----|------------------|--------------------------|------------------|-------------------------------|-------------------------------|
| Pip Rou | | Pipe Size | Approx. Length (m) | End Connections | From | То |
| А | | OD315 PN12.5 | 230 | Both Flanged | Intake Screen | Intake Pump |
| В | | OD90 PN12.5 | 172 | Both Flanged | Discharge from Pump | Creek |
| С | | DN180 PN12.5 | 250 | Both Flanged | Intake Pump | Ponds |
| D | | DN180 PN12.5 | 1863 | Both Flanged | Transfer Pumps | Transfer Tank |
| Е | | OD355 PN10 | 835 | Both Flanged | Broodstock Sheds | Wastewater Treatment Ponds |
| F | | OD355 PN10 | 837 | One Flanged Only | Wastewater Treatment Ponds | Outlet |

Seawater Intake Structure and Suction Pipe Supply and Installation

The contractor will be responsible to supply and install a seawater intake structure at the location described in the following drawings provided in the reference documents section:

Seawater Intake Structure

Overall Layout Plan Hydraulics

DRY COMMISSIONING

The contractor will be required to install equipment to vendors specifications. Vendor's installation instructions will be provided to the contractor. The contractor will provide all labour, equipment, and consumables to complete pre-commissioning checks and documentation.

GENERAL INFORMATION

Contractors are to supply all labour, equipment, consumables, offices, amenities including accommodation, messing, and transport for staff to facilitate the works.

In accordance with PSD's commitments to building local and Indigenous capacity in the region, the EOI evaluation will include a weighting for utilising local and regional businesses in the Northern Territory and the Kimberly region of Western Australia.

Respondents to the EOI will be assessed and short listed, with short listed respondents to be invited to tender.

PSD reserve the right to combine this package and or parts of this package with any other project package

Key Information to be provided with the Respondent's EOI

Safety

Provide the following WHS statistics:

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| | 2018/2019 | 2019/2020 | 2020/2021 | Average per Year |
|-------|-----------|-----------|-----------|------------------|
| TRIFR | | | | |
| LTIFR | | | | |
| FR | | | | |
| IR | | | | |
| TLWD | | | | |

TRIFR - Total Reportable Injury Frequency Rate:

LTIFR - Lost Time Injury Frequency Rate: (Number of LTIs) / (Number of hours worked) x 1,000,000

FR – Frequency Rate (serious claims per million hours worked)

IR – Incidence Rate (serious claims per 1,000 employees)

TLWD – Total Lost Workdays

The respondent must provide a sample WHS Management Plan from one of their recent Reference Projects.

The shortlisted respondents will be required to include a Covid-19 Management Plan within their tender submission that will form part of the Contractor's WHS Management Plan.

Local and Indigenous Participation

Provide current total number of employees as well as current number of indigenous employees.

Provide number of employees residing in the Northern Territory and Kimberly region of Western Australia.

Shall provide a proposed local indigenous participation plan with traditional owners, local aboriginal and/or other aboriginal people specific for the work package.

Project Team

Must provide resourcing information specific for the work package with a focus on meeting key milestone dates (below) and completion requirements including but not limited to the following:

- Proposed plant, team organization and indicative staffing plan; and
- Proposed staff rosters and hours of work to complete the project on time.

Accreditations

The respondent has, or be able to attain prior to contract award, all required accreditations, as well as registrations needed to successfully deliver this work package.

The respondent must provide a copy of their Quality Management system and records of previous project performance to support their capability to safely deliver this work package.

Reference Projects

Provide project data sheets for three (3) reference projects. The reference projects should be of similar size, complexity, and location.

The data sheets must include:

- Project Name;
- General Project Description;
- Client Name and Reference Contact;
- Approximate Project Value;
- Actual Start Date;
- Actual Finish Date and any variations to the schedule and reasons for variations; and
- WHS Notifiable Incident(s)? If yes, then explain in detail as to the incident, investigation, and recommendations.

The respondent must highlight the following:

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Contact

ICN NT Resources Team +61 8 8922 9422 resources@icnnt.org.au

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| | Experience working on remote construction projects; and Experience in delivering similar projects during Northern Australia's wet season, including access issues to/from and within the project site. |
| | The above must be evidenced by providing references from past clients with their current contact details. |
| | Each project data sheet shall be no more than two A4 pages (including photos). |
| | Project Sea Dragon has been granted Major Project Facilitation (MPF) services by the Federal Government and designated Major Project Status by Northern Territory and Western Australia Governments. Under these approvals, Project Sea Dragon is obliged to comply with its Australian Industry Participation Plan (AIPP) and the <i>Australian Jobs Act 2013</i> . Contractors must make themselves aware of and comply with their obligations as a consequence of these obligations. |
| | All parties will be required to upload the following: |
| | a. Statement of Tax Record (STR); b. Contractor Accreditation Limited (CAL) certificate; c. Conflict of Interest Declaration (signed); d. Federal Safety Commissioner (FSC) certification; and e. Building Licences (if applicable). |
| | During the tender process, a declaration may be required for full compliance with: |
| | a. Federal Procurement Guidelines 2020; b. Compliance with the Building Code; c. Positive obligation of Staff remuneration; and d. Positive obligation on Gender Equality |
| Reference Documents | The following indicative sketches are attached herein for EOI purposes: Seawater Intake Structure Overall Layout Plan – Hydraulics Pump Locations |
| Key Milestones | Target date for issuing Invitations To Tender (ITT) is 06 September 2021 ; |
| | Target Contract Award Date is 13 October 2021 ; |
| | Target Date for Access to Site is 14 October 2021; and |
| | Target Date for Practical Completion is 9 January 2021. |
| Expression of Interest | Interested parties with the requisite experience are invited to express an interest in this work package by registering and lodging their expression of interest (EOI), complete with all key information stipulated in this document, for this work package on the NT ICN Gateway online platform prior to the closing date stated below. |
| | projectseadragon.icn.org.au |
| | Please ensure your ICN company profile is up to date before registering your expression of interest. |
| EOI Closing Date | 5:00 pm (1700h) on 30 August 2021 Darwin time (ACST) |

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| Project URL's | www.seafarms.com.au |
|---------------|---|
| Disclaimer | This package description and target award date is indicative only and subject to change. It is intended to provide only a brief outline of certain works that may be required for the proposed Project Sea Dragon and should be read in conjunction with Project Sea Dragon project description on ICN Gateway. |

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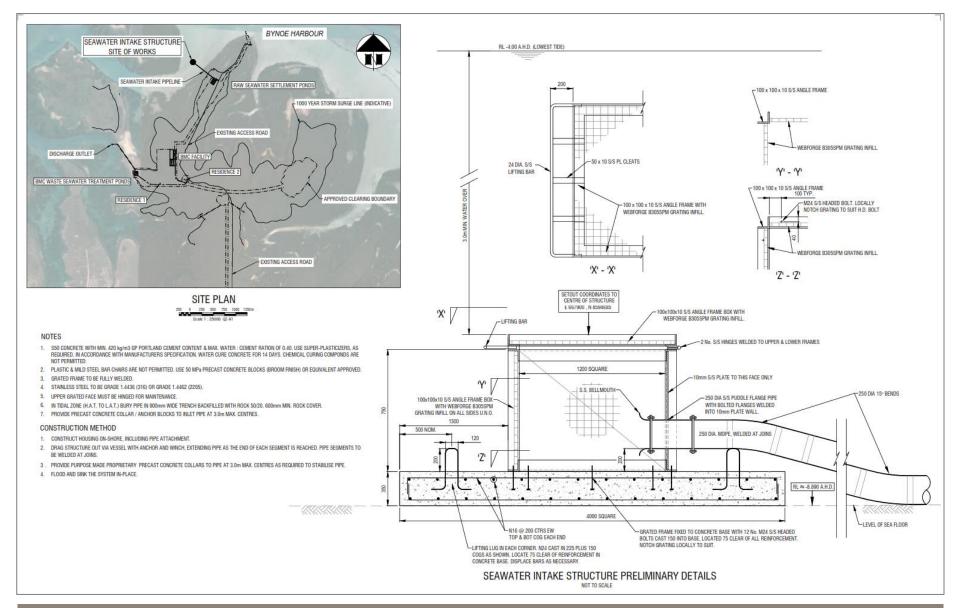
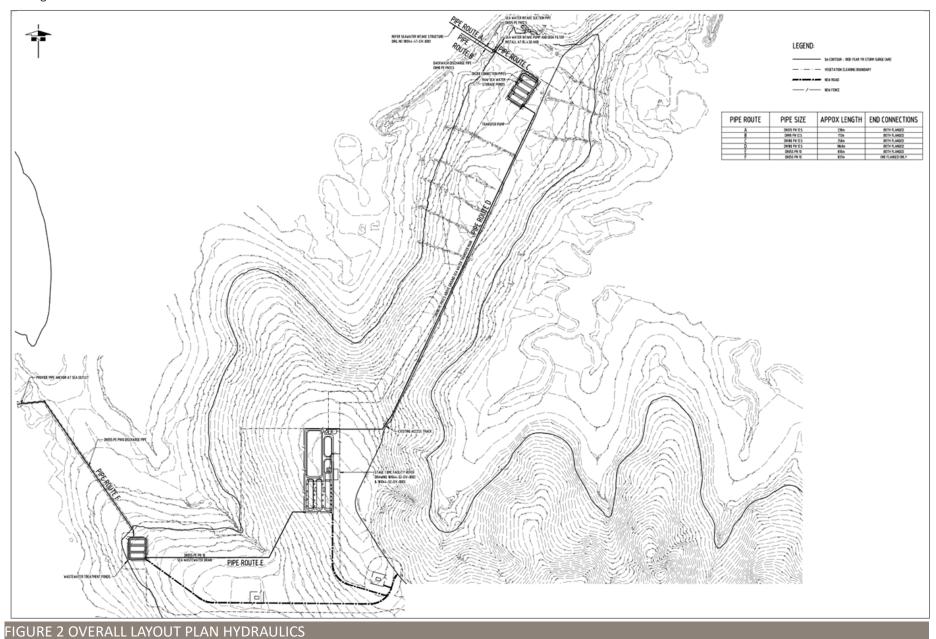


FIGURE 1 PRELIMINARY DESIGN – SEAWATER INTAKE STRUCTURE

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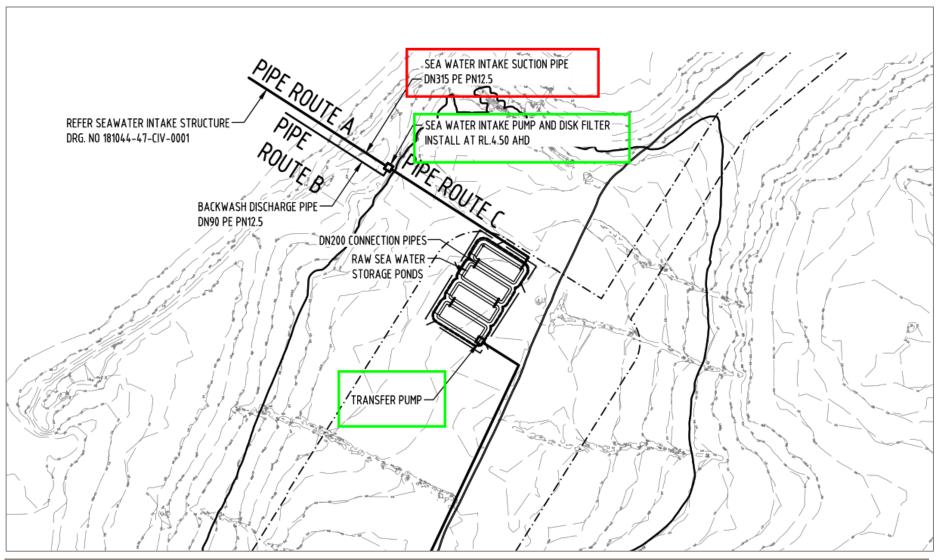


FIGURE 3 PUMP LOCATIONS