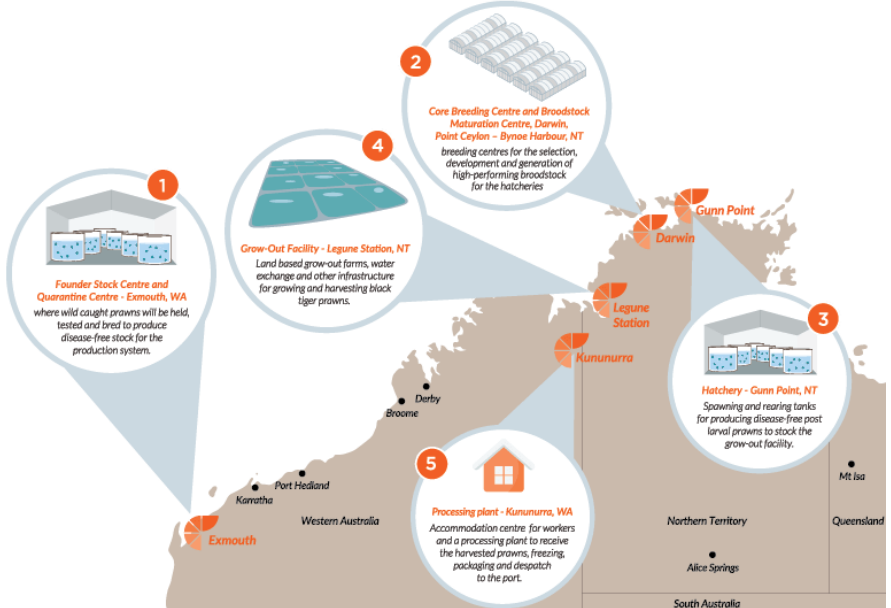
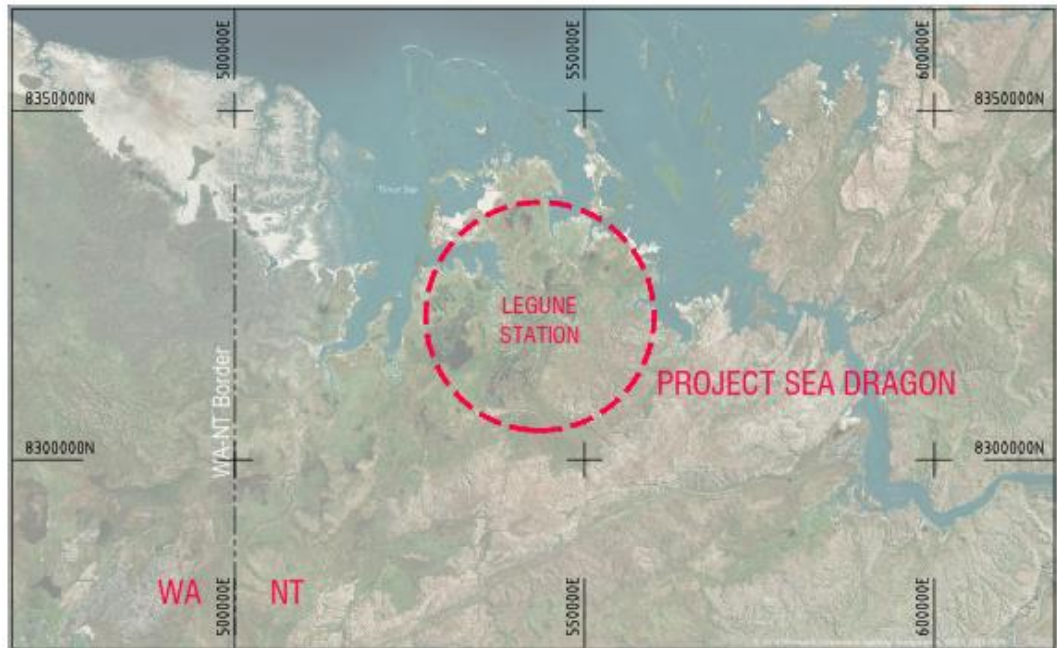


PROJECT SEA DRAGON – EXPRESSION OF INTEREST (EOI)

Package Title	Farm 1 – Supply Drum Filters
Reference Number	P012
Project Overview	<p>The proposed Project Sea Dragon (PSD) is a large-scale, integrated, land-based aquaculture project in northern Australia that will deliver year-round reliable volumes of premium quality prawns 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:</p> <ul style="list-style-type: none"> ➤ Founder Stock Centre and Quarantine Centre at Exmouth, WA; ➤ Core Breeding Centre and Broodstock Maturation Centre, near Darwin, NT; ➤ Hatchery to be built at Gunn Point, near Darwin, NT; ➤ Grow-out Facility to be built at Legune Pastoral Lease, NT, approximately 110 km from the town of Kununurra, WA; and ➤ Processing facility to be built approximately 15km north of Kununurra, WA.  <p>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.</p> <p>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 2021 and later announcements.</p> <p>The shortlisted respondents will be required to sign a Non-Disclosure Agreement (NDA) prior to receiving the Tender Documents.</p>

Package Description

The location of these works is Legune Station, NT which is located approximately 110 km north-east of Kununurra, Western Australia, and approximately 40km inside the NT border.



LOCALITY PLAN

This package of works is for the design, supply, installation monitoring, commissioning, and performance testing of gravity-fed drum filters (1 location) at the main Grow-out Facility. The drum filter station must operate as an n+1 configuration (ie. minimum 1 redundancy.) The maximum required flow is 900 ML/d over a 12-hour period (20.83 m³/s.)

The drum filter controls will be located on the adjacent hardstand. The size and exact location of the control panel and shelter will be determined during the final design phase.

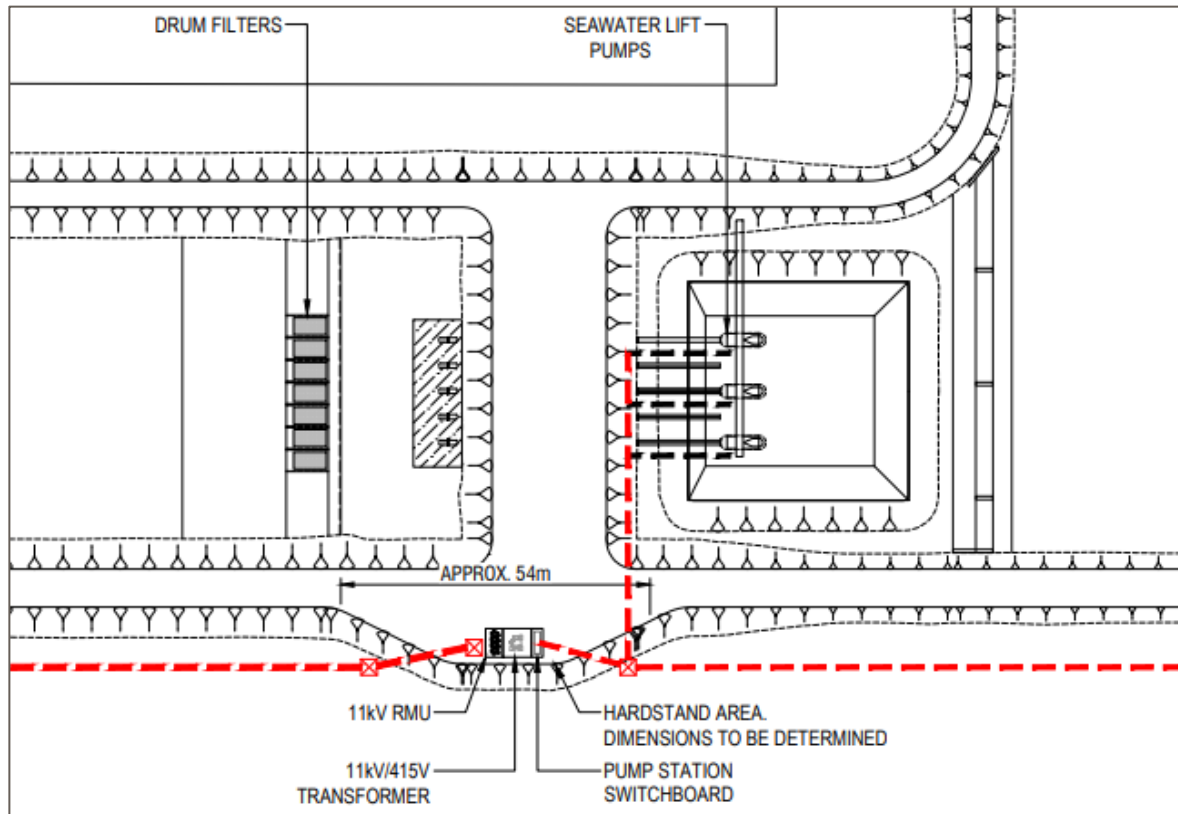
The successful tenderer will supply the filters, backwash pumps, control centres, controls, all labour, equipment, consumables, and transport to deliver the items to site. The equipment will be installed by others, however the successful tenderer will be required to monitor the installation to ensure it is installed in accordance with their written requirements. The successful tenderer will also be required to commission and performance test their system. PSD will provide onsite accommodation, messing, and office space.

Specific parameters for the drum filters are subject to final design however the respondents must use the following data in providing a response.

- The intent of the drum filters is to screen seawater from the Settlement Pond as it passes to the Farm Supply Channel.
- Volume of water to be screened is 900 ML/d over a 12-hour period (20.83 m³/s).
- The drum filters shall be configured on an n+1 arrangement (ie. minimum 1 redundancy);
- The water is saline and is expected to contain low levels of turbidity and potentially some floating debris trapped in the basin;
- The screen size will be 100 microns. Stainless steel is preferred to create a robust screening material.
- The equipment is to have a sludge tray and exit pipe to automate sludge removal. It is to have automated backwash capabilities over its full length.
- The equipment should have certified lifting points (lugs) to allow for easy install and removal by a mobile crane.
- The Supplier shall also select and supply all pumps, gear motors, valves, screens, and all other items required for the correct and efficient functioning of the system.

	<p>Road access to the site and therefore delivery may be restricted, and or closed due to conditions associated with the northern Australian wet season.</p> <p>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.</p> <p>Respondents to the EOI will be assessed and short listed, with short listed respondents to be invited to tender.</p> <p>PSD reserve the right to combine this package and or parts of this package with any other project package.</p>
<p>Key Information to be provided with the Respondent’s EOI</p>	<p>Safety</p> <p>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.</p> <p>Accreditations</p> <p>The respondent shall have, or be able to attain prior to contract award, all required accreditations, as well as registrations needed to successfully deliver this work package.</p> <p>The respondent shall provide a copy of their Quality Management system and records of previous project performance to support their capability to delivery this work package.</p> <p>Reference Projects</p> <p>Provide project data sheets for 3 reference projects. The reference projects should be of similar size, complexity, and location.</p> <p>The data sheets shall include:</p> <ul style="list-style-type: none"> ■ 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. <p>The respondent should highlight the following:</p> <ul style="list-style-type: none"> ■ 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. <p>The above should be evidenced by providing references from past clients with their current contact details.</p> <p>Each project data sheet shall be no more than two A4 pages (including photos).</p>
<p>Reference Documents</p>	<p>The following indicative sketches are attached herein for EOI purposes:</p> <ul style="list-style-type: none"> ■ Drum Filters (Concept) – Plan View
<p>Key Milestones</p>	<p>Target date for issuing Invitations to Tender (ITT) is 8 November 2021</p> <p>Target Contract Award Date is 10 January 2022</p> <p>Target Filters Delivery Completion Date is 25 July 2022</p> <p>Target Date for Practical Completion is 15 February 2023</p>

Expression of Interest (EOI)	<p>Interested parties with the requisite experience are invited to express an interest in this work package by registering and lodging their expression of interest, 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.</p> <p>projectseadragon.icn.org.au</p> <p>Please ensure your ICN company profile is up to date before registering your expression of interest.</p>
EOI Closing Date	5:00 pm (1700h) on 25 October 2021 Darwin time (ACST)
Contact	ICN NT Resources Team +61 8 8922 9422 resources@icnnt.org.au
Project website	www.seafarms.com.au
Disclaimer	<p>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.</p>



Drum Filters (Indicative) – Plan View