



*Planning and Development
City Hall, 4850 Argyle Street
Port Alberni, B.C. V9Y 1V8
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PREQUALIFICATION 020-18
PREQUALIFICATION OF GENERAL CONTRACTORS
PORT ALBERNI MARINE OUTFALL

The City of Port Alberni is prequalifying General Contractors to provide construction services for the Port Alberni Marine Outfall.

Attached are the Prequalification Instructions and Prequalification Terms of Reference that are to be used as the basis for your submission.

July 27, 2018

CITY OF PORT ALBERNI
PREQUALIFICATION 020-18 - MARINE OUTFALL CONSTRUCTION
PREQUALIFICATION OF GENERAL CONTRACTORS

INSTRUCTIONS

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1. Hard copy prequalification submissions must be returned in a sealed envelope clearly marked "Prequalification 020-18 – Port Alberni Marine Outfall", addressed to City of Port Alberni, Planning and Development, City Hall, 4850 Argyle Street, Port Alberni, B.C., V9Y 1V8.
2. Prequalification submissions must be received at the offices of the City of Port Alberni, Planning and Development no later than **4:00 p.m., Port Alberni Time, Friday, Aug 17th, 2018**. No response by this date will indicate a lack of interest and your firm will no longer be included in further correspondence.
3. Prequalification submissions received and not conforming to Items 1 and 2, above, will be returned (unopened) without consideration.
4. The City of Port Alberni does not accept prequalification submissions received via our facsimile machine.
5. Four (4) copies of each prequalification submission are to be provided, preferably in an 8¹/₂" x 11" duplex format suitable for black and white photocopying. **Submissions should be no more than seven (7) pages, plus resumes, brochures or equipment specification sheets.** (No 3-ring binders please.)
6. Prequalification submissions may be submitted electronically. Submit one pdf copy of the prequalification submission via email. Email to be sent to the City of Port Alberni at purchasing@portalberni.ca, Associated Engineering at brumptonc@ae.ca, and GreatPacific Consulting at Jason.clarke@greatpacific.ca. Respondents submitting electronically must also send one paper copy of their submission to the City of Port Alberni by Tuesday, August 21 at 4 pm. Electronic and paper copies must be identical.
7. Please read the entire package before directing any enquiries to Scott Smith (Director of Development Services, City of Port Alberni) or Jason Clarke, P.Eng. (Engineer, GreatPacific) at the contact information below. Any verbal representations, promises, statements or advice made by any employees of the City, other than that offered through the contacts above, should not be relied upon.

Scott Smith, City Planner
Planning and Development
City of Port Alberni
Scott_smith@portalberni.ca
250-720-2808
4850 Argyle Street
Port Alberni, BC V9Y 1V8

Jason Clarke, P.Eng., Engineer
GreatPacific Consulting Ltd.
Jason.clarke@greatpacific.ca
778-433-2672
202-2780 Veterans' Memorial Parkway
Victoria, BC, V9B 3S6

8. The City of Port Alberni is subject to the provisions of the Freedom of Information and Protection of Privacy Act. As a result, while Section 21 of the Act does offer some protection for third party business interests, the City cannot guarantee that any information provided to the City can be held in confidence.
9. The City of Port Alberni reserves the right to prequalify any or none of the parties submitting prequalification submissions.
10. The City of Port Alberni reserves the right to conduct meetings in order to clarify any details of prequalification submissions.
11. The City will not be responsible for any costs or expenses related to the preparation and submission of prequalification submissions.
12. Any future tenders for the work will only be accepted from those companies that have been prequalified.

CITY OF PORT ALBERNI
PREQUALIFICATION 020-18 - MARINE OUTFALL CONSTRUCTION
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TERMS OF REFERENCE

PAGE 1 OF 3

The City of Port Alberni is prequalifying General Contractors to provide construction services for the Port Alberni Marine Outfall.

BACKGROUND

The project will be located in the Somass River estuary and Alberni Harbour. The outfall is part of the City's upgrade to their sanitary wastewater management system. The outfall will be approximately 800 m in length, aligned SW on land from the wastewater lagoon located in the Somass estuary, across a short intertidal zone on the west side of the Somass River, and then underwater within the river channel for approximately 600 m downstream.

The outfall will consist of 800 mm diameter HDPE pipe weighted regularly with concrete ballast. The outfall will terminate with a multiport diffuser in water depths less than 8 m chart datum. The diffuser ports will be fitted with snag-protection, backfilled, and then covered with protective articulated concrete ballast mats (ACBM).

The outfall will be laid to design grade and within tenure boundaries. As the outfall will be buried for its entire length, establishment of the outfall alignment and grade will necessitate both land-based and marine civil works and survey. An air-relief and inspection hatch structure will be installed on land.

Access to the work site may occur from Shoemaker Bay Road or via a temporary barge ramp the Contractor may establish on site near the outfall alignment. The Contractor will need to maintain a safe navigable passage by local marine vessels transiting through the construction site along the Somass River.

The work may also include the construction of marsh habitat and site restorations.

CONSTRUCTION WORKS

The outfall construction is likely to include the following components:

- Land and marine (underwater) survey to ensure pipeline is installed to design grade and alignment.
- Establishment of temporary barge ramp (as required) adjacent to the outfall alignment for dredge spoil management and associated equipment and materials movements.
- Implementation of environmental controls (e.g silt curtain) throughout the works as required and as prescribed in environmental permits and approvals.
- Land excavation and marine dredging and associated spoils handling
- Fusion welding and assembly of approximately 800 m of 800 mm HDPE pipe and appurtenances for the outfall and diffuser, and fitment of regularly-spaced concrete ballast.
- Installation of the outfall into the seabed.
- Connection of the diffuser to the outfall manifold, and assembly of diffuser components.
- Diving services for underwater construction.

- Construction of air-relief and inspection hatch structure.
- Connection of outfall to wastewater treatment facility.
- Construction of an outfall sign on land.
- Pressure testing HDPE piping.
- Marine traffic control during construction.
- Communication with local stakeholders (as required).

PREQUALIFICATION REQUIREMENTS AND BASIS OF SELECTION

Please include the following information in your prequalification submission. The evaluation will only be based on the content provided in your submission, so please provide sufficient detail to illustrate your experience and qualifications.

1. Complete company name, address, telephone, and contact person (and email address).
2. Brief company profile, including types of construction, office location(s) and years in business.
3. Provide specific project experience of the lead contractor(s) in the following areas:
 - a) Planning and management of worksite construction activities and logistics affected by fluctuating tidal levels and/or river flows
 - b) Projects in the past five (5) years constructing HDPE pipe (at least 500 mm diameter) in foreshore environments, detailing the following for each project: Year, client/owner, project location, diameter, length, and project value.
 - c) Marine dredging of trenches and spoils handling.
 - d) Surveying as-built conditions underwater.
 - e) Implementation of environmental controls for construction in marine habitats.
4. Name, email address, and telephone number of three (3) references for similar projects involving foreshore construction.
5. Provide a description (approx. 1 page) of what your company's approach and methods will be for:
 - a) Outfall pipeline assembly
 - b) Dredging a pipeline trench into a gravel seabed (100 mm minus) in water depths up to 8 m (at high tide) at the mouth of the Somass River. Assume trench depth will need to be approx. 1.2 m.
 - c) Installing a multiport diffuser in water depths up to 8 m.
 - d) Survey technique(s) to verify trench depth, pipe depth of cover and x,y position of pipe underwater
 - e) What environmental controls would be needed to contain sediment plumes, both from dredging operations, and spoil pile dewatering.

6. **Third Party Proof of ability to provide Performance, and Labour and Material Payment bonds of a value up to \$2,000,000.**
7. Names of proposed Project Manager and Site Superintendent, complete with years of experience, and their profile of marine pipeline and/or dredging project experience. Statement of percentage of timeframe able to be dedicated solely to this project.
8. List of potential specialty sub-contractors and their anticipated role(s) in this project.
9. Assuming construction approximately between November 2018 and February 2019, provide a list of key equipment that will be needed and it's availability for this project.

Note: Submissions should not exceed seven pages (excl. resumes, corporate brochures).