

This fact sheet provides information about the anticipated scope, procurement process and timing for the generating station and spillways civil works contract for the Site C project.

GENERATING STATION AND SPILLWAYS

The generating station and spillways component of the Site C project will be procured through multiple contracts, including the civil works contract, various equipment supply contracts, a powerhouse bridge crane contract and a completion (balance of plant) contract. For further information on these contracts, please visit the [Site C project website](#).

Below is a summary of the scope and procurement process for the generating station and spillways civil works contract.

Generating Station and Spillways Civil Works Contract

The scope of the contract includes the construction of the civil works associated with the powerhouse, penstocks, spillways and power intakes, including:

- Processing and production of all aggregates and granular materials required for the works;
- Placement of approximately 700,000 cubic metres of mass and reinforced concrete for spillways, intakes, penstock encasement and powerhouse substructure;
- Procurement, fabrication and erection of six penstocks each 10 metres in diameter and 80 metres in length;
- Procurement, fabrication and erection of structural steel in the powerhouse;
- Procurement and installation of intake trashracks and anti-vortex devices;
- Procurement and installation of embedded pipes, ground grid and conduit; and
- Turbine-generator embedment activities (e.g. concrete placement).



The scope of work will predominantly be constructed on a roller-compacted concrete buttress that is being constructed by Peace River Hydro Partners, as part of the main civil works contract.

It is anticipated that the generating station and spillways civil works contract will be a predominantly unit price design-bid-build contract.

PROCUREMENT PROCESS

The generating station and spillways civil works contract will be procured through a two-stage procurement process, with a qualifications stage followed by a proposals stage. BC Hydro issued the RFQ in May 2016 and seven submissions were received. Four proponents were shortlisted and issued the RFP in September 2016:

- Aecon-Flatiron-Dragados-EBC JV
- Bechtel Canada Co.
- Peace River Hydro Partners 2
- Peter Kiewit Infrastructure Co.

Stage	Anticipated Timing
RFQ issued	May 2016
RFP issued	September 2016
Preferred proponent	Spring 2017
Contract award	Summer 2017

The Site C Clean Energy Project is a hydroelectric dam and generating station under construction in northeast B.C. Once built, Site C will provide clean, reliable and cost-effective electricity for more than 100 years.