

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

GENERATING STATION AND SPILLWAYS (GSS)

The GSS component of the Site C project will be procured through multiple contracts, including the civil works contract, hydro-mechanical equipment supply contract, powerhouse bridge crane supply contract and a 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 GSS civil works contract.

GSS CIVIL WORKS CONTRACT

BC Hydro has awarded the GSS civil works contract to Aecon-Flatiron-Dragados-EBC Partnership.

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;
- installation of hydro-mechanical equipment;
- 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



Artist's rendering of the dam, generating station and spillways

Hydro Partners, as part of the main civil works contract.

CONTRACT SCHEDULE

The contractor is expected to mobilize to site in spring 2018 and work will take place over a five-year period.

PROCUREMENT PROCESS

The GSS civil works contract was 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 BC Hydro received proposals from three proponent teams. Aecon-Flatiron-Dragados-EBC Partnership was selected as the preferred proponent in December 2017 and a contract was awarded in March 2018.

Stage	Timing
RFQ issued	May 5, 2016
RFP issued	September 26, 2016
Preferred proponent	December 20, 2017
Contract award	March 2, 2018

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 affordable for more than 100 years.