

This fact sheet provides information about the procurement process and scope for the main civil works contract.

MAIN CIVIL WORKS

The contract was awarded to Peace River Hydro Partners (PRHP) in December 2015. PRHP includes ACCIONA Infrastructure Canada Inc., Petrowest Corporation and Samsung C&T Canada Ltd.

The main civil works contract comprises the majority of earthworks for the Site C project, including construction of an earthfill dam, two diversion tunnels and a roller-compacted-concrete foundation for the generating station and spillways. This scope includes:

- Approximately 32 million cubic metres of excavation for structures, including the approach channel and tailrace.
- River diversion works, including construction of two 10.8 metre internal diameter concrete-lined tunnels between 700 metres to 800 metres in length, and associated cofferdams and intake and outlet structures.
- Earthfill dam – central core zoned earth embankment approximately 1,050 metres long and 60 metres above the present river level.
- A roller-compacted-concrete buttress – approximately 800 metres in length to a maximum height of 70 metres.
- Significant ancillary works such as a permanent network of site roads, site drainage and debris handling facilities.

On average, 70 per cent of PRHP's workforce will be B.C. residents. During peak construction in mid-2018, more than 1,500 workers will realize approximately 8,000 person-years of direct employment. As well, PRHP will have procurement opportunities for local businesses over the life of the project.



Machinery and equipment mobilization for main civil works

CONTRACT SCHEDULE

Peace River Hydro Partners mobilized to site in spring 2016 and construction is underway. The main civil works contract takes place over an eight-year period.

PROCUREMENT PROCESS

A two-stage procurement process was used to select the main civil works contractor, with a qualifications stage followed by a proposals stage.

BC Hydro issued a Request for Qualifications in April 2014 and shortlisted four proponent teams to provide proposals for the main civil works contract. BC Hydro received proposals from all four teams in October 2015.

A rigorous evaluation process concluded that Peace River Hydro Partners had a strong delivery record for projects of a similar size and nature and best met BC Hydro's requirements for the Site C main civil works contract. The contract with Peace River Hydro Partners is within the budget established by BC Hydro, and was awarded in December 2015.

Stage	Timing
RFQ Issued	April 4, 2014
RFP Issued	November 21, 2014
Preferred Proponent	November 20, 2015
Contract Award	December 18, 2015

The Site C Clean Energy Project is a hydroelectric dam and generating station under construction in northeast B.C. The project is being built to meet long-term electricity needs in B.C. Once complete in 2024, the project will provide clean, renewable and cost-effective electricity for more than 100 years.