



CITY OF VANCOUVER

A9

ADMINISTRATIVE REPORT

Report Date: May 12, 2008
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VanRIMS No: 11-2000-14
Meeting Date: May 27, 2008

TO: Vancouver City Council

FROM: Project Manager, Southeast False Creek & Olympic Village

SUBJECT: Southeast False Creek and Olympic Village - Gantry Crane Re-erection
Budget and Design Consultancy

RECOMMENDATION

- A. THAT a budget of \$450,000 be approved for the design and construction services related to the re-erection of the Southeast False Creek ("SEFC") Gantry Crane within the public open space located on Parcel 5 in SEFC Area 2A, with funding to be provided by the SEFC Development Financial Plan (Development Cost Levies);
- B. THAT, subject to the conditions set out in Recommendations C, D and E, council authorize the Director of Legal Services (on behalf of the City) to extend the scope of services of the existing contract with Bush Bohlman & Partners ("Bush Bohlman") for structural design and field review services related to the re-erection of the SEFC Gantry Crane at an estimated cost of \$34,500 plus GST, with the funding to be provided by the budget established pursuant to Recommendation A;
- C. THAT the Director of Legal Services be authorized to execute and deliver on behalf of the City all legal documents required to implement Recommendation B;
- D. THAT all such legal documents be on terms and conditions satisfactory to the City Manager and the Director of Legal Services; and

- E. THAT no legal rights or obligations will be created or arise by Council's adoption of Recommendations B, C and D above unless and until such legal documents are executed and delivered by the Director of Legal Services.

CITY MANAGER'S COMMENTS

The City Manager recommends approval of A, B, C, D and E above.

COUNCIL POLICY

Council approval is required for all consulting contracts that exceed \$30,000.

Council approval is required for contracts awarded outside the City's normal competitive procurement process.

PURPOSE

This report seeks approval of the budget for the design and construction services related to the re-erection of the SEFC Gantry Crane within the public open space located on Parcel 5 in SEFC Area 2A, and seeks authority for the Director of Legal Services to extend the scope of services of the existing contract with Bush Bohlman for structural design and field review services related to this work at an estimated cost of \$34,500 plus GST.

BACKGROUND

On March 3, 1998, Council moved that staff from Central Area Planning and an Historian identify appropriate features of the SEFC Canron Building for salvaging and preservation. The motion provided a list of possible items including the gantry crane.

On March 9, 1998, historian Bruce Macdonald submitted a report to the City that included a recommendation to salvage and preserve the gantry crane and supports from the Canron Building and to re-install it at the place from which it was removed as a gateway celebrating the building of modern Vancouver.

In October, 1999, the SEFC Policy Statement was approved by Council and included the following principles:

1. "The gantry crane from the former Canron Building will be re-erected in a public space in SEFC to commemorate the shipbuilding heritage of the site."
2. "The unique industrial and cultural heritage of SEFC should be celebrated in the open space design. The artifacts salvaged from the Canron Building should be positioned in a prominent public space."

In October 2005, as part of the integrated site servicing design work of the Stantec Architecture Limited consultant team working for the SEFC and Olympic Village Project Office, Commonwealth Historic Resource Management Limited in association with Andrew Todd Conservators Ltd. completed a study of the Canron artifacts to compile information available to enable the re-erection of the Gantry crane.

On July 18, 2006, the SEFC Public Realm Plan was approved by Council and included a conceptual design for the re-erection of the Gantry Crane within the public open space located on Parcel 5 fronting the north side of First Avenue between Manitoba Street and Columbia Street.

On January 21, 2008, after a proposal call sent to local firms yielded three proposals, Bush Bohlman & Partners were hired by the SEFC & Olympic Village Project Office to complete a feasibility study for the re-erection of the SEFC Gantry Crane within the public open space located on Parcel 5 in Area 2A of SEFC. The value of this consultancy was \$10,950.

DISCUSSION

The Bush Bohlman feasibility study was completed earlier this year. It determined that the Gantry Crane could be re-erectioned in the Parcel 5 public open space and included associated cost estimates. These cost estimates along with Bush Bohlman's proposal for the detailed design and construction review associated with the re-erection of the Gantry Crane, make up the budget shown below.

Table 1: Budget for Re-erection of the Gantry Crane

#	Item Description	Estimated Cost
1	Detailed Design and Construction Review Services	\$35,000
2	Re-erection of Canron Crane	\$310,000
3	Design and Construction Contingency	\$105,000
4	Total	\$450,000

Bush Bohlman is a well respected, local, structural engineering firm with extensive experience working with steel structures and art and heritage projects. Based on Bush Bohlman's work on the feasibility study for the Gantry Crane, staff recommends that Bush Bohlman be hired for the detailed design and construction review services.

The Bush Bohlman detailed design and construction review scope of work will include the following services:

- preparation of working drawings showing necessary measures to re-erection the crane as a static display that meets the Vancouver Building Bylaw requirements for loading, including vertical and seismic loads;
- design of footings and crane remedial work;
- attendance at design meetings;
- provision of "letters of assurance" and sealed "Issued for Construction" drawings for the Building Permit; and
- provision of structural field review services during construction.

The scope of work and budget do not include the landscape design and construction for the public open space on Parcel 5. This design work will be completed as part of the existing consulting contract with PWL Partnership Landscape Architects Inc. ("PWL Partnership") and the construction work will be publicly tendered with a report to Council to recommend award of the construction contract.

Conceptual designs of the public open space on Parcel 5 in SEFC Area 2A prepared by PWL Partnership are shown below.



PLAN



CONCEPT DESIGN
MARCH 2007



FINANCIAL IMPLICATIONS

This report recommends that Council establish a budget of \$450,000 for the design and construction services related to the re-erection of the SEFC Gantry Crane within the public open space located on Parcel 5 in SEFC Area 2A.

Funding for this work was contemplated in the SEFC Development Financial Plan and will be provided from development cost levies related to the development of parks and open space in the ODP area.

CONCLUSION

The SEFC & Olympic Village Project Manager seeks Council approval to allocate a budget of \$450,000 for the design and construction services related to the re-erection of the SEFC Gantry Crane within the public open space located on Parcel 5 in SEFC Area 2A, and seeks authority for the Director of Legal Services to extend the scope of services of the existing contract with Bush Bohlman for structural design and field review services related to this work at an estimated cost of \$34,500 plus GST.

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