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Agenda Item #9
REPORT #JWDC 2011-10

**REPORT TO THE JUAN DE FUCA WATER DISTRIBUTION COMMISSION
MEETING OF TUESDAY, 6 SEPTEMBER 2011**

SUBJECT WOLFRED PUMP STATION – AWARD OF ENGINEERING SERVICES CONTRACT

ISSUE

To recommend award of an engineering services contract for the design and construction of the new Wolfred Pump Station.

BACKGROUND

Presently, two pump stations are pumping to the Wolfred Reservoir, Wolfred Pump Station (capacity 10 L/s) and Townview Pump Station (capacity of 20 L/s). The Townview Pump Station draws water from an area which is fed by Fulton Reservoir. The capacity of the pump stations feeding the Fulton Reservoir is 66 L/s. Therefore, the actual supply to Fulton Reservoir is reduced by 20 L/s to 46 L/s.

The New Wolfred Pump Station will have a capacity of 38 L/s and, once complete, the Townview Pump Station will be decommissioned. The new station will be constructed on the southeast corner of the intersection of Wolfred Road and Jacklin Road. The proposed schedule is to complete design by mid-December 2011, tender in January 2012 and start construction in February 2012.

The preliminary design of the station has been completed and this contract will be for engineering services, final design and construction. Five (5) proposals were received on August 10, 2011 from:

- Stantec Consulting Limited
- Delcan Corporation
- Opus DaytonKnight Consultants Limited
- Kerr Wood Leidal Associates Limited
- Tetra-Tech Inc.

In accordance with the Capital Regional District's (CRD) policy regarding hiring of consultants, the proposals were reviewed and evaluated by Craig Gottfred, P.Eng., Manager, Distribution Engineering, Joseph Marr, P.Eng., Design Engineer and Sigi Gudavicious, P.Eng., Senior Engineer, Hydrology. The consultant with the best combined technical-financial score is Stantec Consulting Limited.

ALTERNATIVES

Alternative 1 – That the Juan de Fuca Water Distribution Commission award the contract for the "Engineering Services for the Design, Tendering and Construction of the New Wolfred Pump Station" to Stantec Consulting Limited.

Alternative 2 - That the Juan de Fuca Water Distribution Commission not award the contract.

IMPLICATIONS

Alternative 1 – The total fee proposal from Stantec was \$111,971.60 for engineering services. The projected cost of the station is \$900,000. The proposed fee is approximately 12% of capital cost, which is reasonable for this type of work and is within the budget.

Alternative 2 - It is important that construction of the pump station be completed by next summer to ensure that the Fulton Reservoir does not run out of water during extended hot, dry weather. If it is not constructed, water restrictions may be required for the service area.

CONCLUSION

The construction of the New Walfred Pump Station is critical to continuing to provide the required level of service to Triangle Mountain and other areas in the Fulton Reservoir service area. The proposal from Stantec represents good value and meets the time frames required.

RECOMMENDATION

That the Juan de Fuca Water Distribution Commission award the contract for the “Engineering Services for the Design, Tendering and Construction of the New Walfred Pump Station” to Stantec Consulting Limited in the amount of \$111,971.60 (including HST).



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J.A. (Jack) Hull, MBA, P.Eng.
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Concurrence



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CG:mm