
CITY OF KELOWNA

MEMORANDUM

Date: February 9, 2005
File No.: 5380-04

To: City Manager

From: Environment/Solid Waste Manager

Subject: **Consultant Award for Compost Pre-Design & Design**

RECOMMENDATION:

THAT Council approve the award for the pre-design, design and construction services for the new joint Vernon/Kelowna Biosolids Compost Facility to Associated Engineering Ltd for a total cost of \$351,362.00.

DISCUSSION:

The City of Kelowna and City of Vernon have been actively working together to develop a joint composting facility for biosolids. A new site near the Vernon landfill is presently going through the appropriate approval process with the Agricultural Land Commission. It is expected that construction of the new facility will occur later this summer and will be operational by the end of 2005 or early 2006. This unique project requires expertise in Aerated Static Pile composting with state of the art controls for a facility that will process material for the 15 year horizon and be expandable for the 25 year horizon.

A proposal call was issued and five firms responded. All proposals were evaluated based on predetermined selection criteria that all proponents were made aware of as part of the proposal call. It should be noted that the scoring system is based on a process agreed to by the City and the Consulting Engineers of B.C. that ensures the appropriate expertise, level of effort, innovation, cost and other factors are considered. All proposals were evaluated by both City of Vernon and City of Kelowna staff.

The following are the point totals, fees and hours for all consultants:

<u>Consultant</u>	<u>Points</u>	<u>Fees</u>	<u>Hours</u>
Associated	82.8	\$351,362	3,319
Earthtech	82.3	\$288,523	2,162
Stantec	79.3	\$260,825	1,632
Bel MK	76.9	\$370,394	2,430
CH2M	71.5	\$429,273	2,821

Associated Engineering received 82.8 points and was the most detailed, innovative and best proposal scored by all evaluators for the project. Their entire fee is \$351,862 and a level of

effort based on hours is 50% greater than the next highest point total. Their total hours of effort are 3319 at an average hourly rate of \$106. Associated Engineering along with their sub-consultants ECS showed innovation in their proposal in the areas of process controls and negative air systems, their mix box issue identification, blower solutions, aeration trench concepts and their overall experience with ASP systems. They also teamed with the original designer for the City's present ASP facility located in Winfield. Staff believes this level of effort will result in a high quality cost effective design and ensure that the consultant is in a position to provide the resources to deliver this \$2 to 3 Million facility.

The project pre-design can commence immediately with anticipation of commissioning a new facility by the end of Nov. 2005.

Mark Watt
Environment & Solid Waste Manager



Approved for inclusion:
John Vos
Director of Works & Utilities