

CITY OF BLAINE
REQUEST FOR COUNCIL ACTION
MEETING DATE: November 13, 2006

SUBJECT: Lighthouse Point WRF Design Amendment #3 – Brown & Caldwell

SUBMITTING DEPT: Public Works

PREPARED BY: Stephen R. Banham, Director _____
(Digital Signature)

AGENDA LOCATION: Comments/Communications ; Consent ; Committee Reports
Unfinished Business ; Council Action Items ; Public Hearing ; Standing Committees

ATTACHMENTS: Brown & Caldwell Professional Service Agreement - Amendment #3

ANALYSIS / SUMMARY: The design for the Lighthouse Point Water Reclamation Facility will be 60% complete at the end of November, at which time plans and specifications and cost estimate will be provided for review. City Staff has been working with the designer to find efficiencies in the design based on suggestions stemming from a short technical “value engineering”-type peer review conducted at the end of predesign. The construction estimate (inflated to midpoint of construction) at the last review was approximately \$30M. This is significantly higher than the \$20M estimate identified during Facility Planning. At the recent Infrastructure Assistance Coordinating Council conference hosted by various state and federal funding agencies, it was clear that there is increasing support for large projects (over \$10M) to perform a formal Value Engineering review. This process is standard practice with WSDOT on large federal highway-funded projects. City staff participated in this type of process during the design of the Truck Route (SR-543) project, currently under construction. This is a very structured approach facilitated by a Certified Value Specialist that looks at the design in a comprehensive manner to identify opportunities to increase value in the project. Staff would also use this opportunity to analyze the constructability and operability of the plant. Engineering staff from Department of Ecology and USDA Rural Development will also be invited to participate in the process.

RECOMMENDATION: ; Waive 2nd Reading: Staff recommends that City Council authorize the City Manager to execute a design contract amendment not to exceed \$63,000.00 for a detailed value-engineering review.

FISCAL ANALYSIS: This amendment will be paid from Fund 325 Wastewater Capital Improvements and is reimbursable by USDA Rural Development Grant and Loan funds once construction has begun.

REVIEWED BY:

City Manager: _____ Finance Director: _____ City Clerk: _____
(Digital Signature) (Digital Signature) (Digital Signature)

COUNCIL ACTION: Approved , Denied , Tabled / Deferred ,
Assigned to: _____

COUNCIL ACTION: _____

CITY OF BLAINE
CONTRACT AMENDMENT #3
TO
PROFESSIONAL SERVICES AGREEMENT NO. S05-04
Brown and Caldwell

The contract between the City of Blaine and Brown and Caldwell for consulting engineering services dated July 5, 2005 is hereby amended by adding a new subtask, as follows:

Item #1: **Section 1, Scope of Work:** The Consultant shall retain as a subconsultant a certified value engineering specialist (CVS) to facilitate a structured 4-day session involving review of the 60% design submittal by outside subject matter experts (mechanical, structural, architectural, constructability, cost estimating and MBR equipment), City representatives and potential funding partners with the goal of identifying possible design alternatives which increase the value of the project. This effort will culminate in the preparation and submission to the City of a formal written report detailing all the alternatives identified and the estimated life cycle cost impact associated with each alternative.

Item #2: **Section 2, Term:** Shall remain unchanged.

Item #3: **Section 3, Compensation:** The City shall pay the Consultant on a time-and-expenses basis, not to exceed Sixty-Three Thousand Dollars and No cents (\$63,000.00) for additional consulting engineering services as described above. This comprises a revised total contract amount not to exceed, without prior approval, of Two Million Three Hundred Thirty Thousand Four Hundred Ninety-Three Dollars and no cents (\$2,330,493.00).

All work shall comply with City standards and be approved by the City prior to payment.

All other items, terms and conditions of the contract remain unchanged.

City of Blaine:

Consultant:

Gary R. Tomsic, City Manager

Principal, Brown & Caldwell

Attest:

Departmental Approval:

Sheri Sanchez, City Clerk

Stephen R. Banham, Public Works Director