

**PUBLIC WORKS AND UTILITIES  
MEMORANDUM #08-20**

**DATE:** September 25, 2008  
**TO:** Honorable Mayor Kathleen M. Novak and City Council Members  
**FROM:** David Allen, Acting City Manager / Director of Public Works and Utilities ~~DA~~  
**SUBJECT:** CR-130 – Construction Management Services Contract for Bull Reservoir Outlet and Liner Emergency Repairs  
CR-131 – Construction Contract for Bull Reservoir Outlet and Liner Emergency Repairs  
CR-142 – Addendum to Design Services Contract for Bull Reservoir Outlet and Liner Emergency Repairs

**RECOMMENDATION:**

Attached to this memorandum are three Resolutions which, if approved, would authorize the Mayor to execute the following documents on behalf of the City:

- 1) A Professional Services Agreement between the City of Northglenn and J&T Consulting, Inc. to provide construction management services in the amount of \$49,180 and to authorize a contingency of \$9,836.
- 2) A Professional Services Agreement between the City of Northglenn and BT Construction, Inc. to provide construction services in the amount of \$583,135 and to authorize a contingency of \$116,627.
- 3) An Addendum to the Professional Services Agreement between the City of Northglenn and URS Corporation, Inc. to provide design support services in the amount of \$62,900 and to authorize a contingency of \$12,580.

In addition, each resolution would authorize the Acting City Manager to approve minor changes in the scope of work and execute relevant change orders up to the contingent amount. Staff recommends approval of the proposed Resolutions.

**BACKGROUND:**

On June 24, 2008 the asphalt liner for Bull Reservoir was severely damaged near the outlet works that discharges the treated effluent from the Waste Water Treatment Plant (WWTP). Staff installed a temporary piping to resume discharges from the new WWTP and to divert flows away from the damaged area so permanent repairs could be completed without affecting normal operations.

On July 10, 2008 Council approved CR- 104 which authorized URS to complete the design for the permanent repairs to the liner and outlet works. A completed design package has been received by the City however final approval from the Colorado State Division of Safety of Dams (State) has not been provided. Therefore, City Staff is recommending a 20% contingency, which

is larger than normal, to make any adjustments required by the State. If approved, construction would be scheduled to start in the middle of October with completion within 60 working days assuming no interference from weather.

The estimated cost to complete the repairs is summarized below:

<b>Project Breakdown</b>	<b>Company</b>	<b>Amount</b>
Temporary Bypass Piping	Northglenn	\$24,458
Engineering Design	URS	\$44,100
Construction	BT Construction	\$699,762
Construction Management	J&T Consulting	\$59,016
Design Support	URS	\$75,480
Materials Testing (estimate)	Cesare and Associates	\$25,000
Bypass Pumping (estimate)	Northglenn	\$50,000
<b>TOTAL</b>		<b>\$977,816</b>

Staff is recommending the use of funds from eight Capital Improvement Projects that are scheduled for 2008. These eight projects as well as two previously canceled projects and the corresponding budget amounts are listed below. Only partial funding will be provided for these projects which are included in the 2008 Capital Improvement Budget.

<b>Project Name</b>	<b>Account Number</b>	<b>Amount</b>
WTP Pump Rehabilitation	516.69264.000.3999.843	\$25,000
Webster Lake Outlet Repairs	516.69265.000.3999.934	\$15,000
Webster Lake Water Quality Mitigation	516.69265.000.3999.941	\$20,000
Bull Res Pump Station Replacement	516.69272.000.3999.899	\$22,000
WWTP Security Fence	516.69272.000.3999.909	\$59,000
Manhole & Valve Box Adj	516.69211.000.3999.656	\$117,000
Distribution Sampling Stations	516.69263.000.3999.690	\$90,000
Gas Chromatograph	516.69264.000.3999.723	\$80,000
Pump & Motor Replacement (used for design)	516.69271.000.3999.817	\$45,000
Sewer Service Area Study (used for bypass piping)	516.69275.000.3999.930	\$25,000
<b>TOTAL</b>		<b>\$498,000</b>

A supplemental budget appropriation amendment is being brought forward with CB-1672 to fund the balance of the project. Additionally, Staff anticipates presenting a contract for material testing with Joseph A. Cesare and Associates, Inc at the November 13, 2008 Council meeting.

**BUDGET/TIME IMPLICATIONS:**

There is no impact to the General Fund. Funds from the 2008 Capital Improvements Fund and supplemental funds from the Connect Charges would be used to fund all services.

**STAFF REFERENCE:**

If Council Members have any comments or questions, they may contact David Allen at (303) 450-8783 or [dallen@northglenn.org](mailto:dallen@northglenn.org).

SPONSORED BY: MAYOR NOVAK

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-131  
Series of 2008

\_\_\_\_\_  
Series of 2008

A RESOLUTION APPROVING A CONTRACT FOR CONSTRUCTION SERVICES FOR THE BULL RESERVOIR OUTLET AND LINER EMERGENCY REPAIRS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The City Council hereby approves the construction of the Bull Reservoir Outlet and Liner Emergency Repairs (the "Project"), in an amount not to exceed \$699,762.00, and authorizes the following expenditures to accomplish the Project:

(a) The execution of a contract between the City and BT Construction, Inc. for the construction of the Project in the amount of \$583,135.00, with a twenty percent (20%) contingency of \$116,627.00 for a total amount not to exceed \$699,762.00;

DATED at Northglenn, Colorado, this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
KATHLEEN M. NOVAK  
Mayor

ATTEST:

\_\_\_\_\_  
JOHANNA SMALL, CMC  
Acting City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
COREY Y. HOFFMANN  
City Attorney

## AGREEMENT

**PROJECT NAME: 2008 Bull Reservoir Outlet and Liner Emergency Repairs Project**

**PROJECT NUMBER: IFB 2008-34**

**PROJECT MANAGER: Cory Peterson**

**THIS AGREEMENT**, made this \_\_\_\_ day of \_\_\_\_\_, 2008, by and between the City of Northglenn, hereinafter called "CITY", and BT Construction Inc. , hereinafter called "CONTRACTOR".

**WITNESSETH:** That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the project named:

**"2008 Bull Reservoir Outlet and Liner Emergency Repairs Project"**

2. The CONTRACTOR will furnish all of the materials, supplies, tools, equipment, labor supervision, and other services necessary for the completion of the PROJECT described herein.

3. The CONTRACTOR will provide performance and payment bonds and a certificate of insurance naming the City as an additional insured for purposes of said project within 10 days after the date of the NOTICE OF AWARD.

4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \_\_\_\_\_, or as shown in the BID schedule. The CONTRACTOR will commence the work within 7 calendar days after the date of NOTICE TO PROCEED. The CONTRACTOR will complete the work within 60 working days after the date of NOTICE TO PROCEED unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

5. The term "CONTRACT DOCUMENTS" means and includes all items as set forth in Section 1.01 of the General Conditions.

6. The CITY will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

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IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in TWO copies, each of which shall be deemed an original on the date first above written.

CITY:

City of Northglenn

By \_\_\_\_\_

Name Kathleen M. Novak

Title Mayor

ATTEST:

Johanna Small  
Name

City Clerk, Acting  
Title

(SEAL)

APPROVED AS TO FORM:

Corey Y. Hoffmann, City Attorney

(SEAL)

ATTEST:

Steven S. Adams  
Name (Please Print or Type)  
Title Project mgr  
Steven S. Adams

CONTRACTOR:

By \_\_\_\_\_

Name STEVE TUCKER

(Please Type or Print)

Title VICE PRESIDENT

Address 9885 EMPORIA ST.  
HENDERSON, CO 80640