



Staff Report

RESOLUTION APPROVING CONTRACT CHANGE ORDER NO. 1 WITH HILLSIDE DRILLING CO. INC. FOR STRUCTURAL LINING OF AN EXISTING SIX FOOT CULVERT FOR AN AMOUNT NOT TO EXCEED \$109,200 FOR THE EAST LAUREL CREEK BANK STABILIZATION PROJECT, CITY CONTRACT NUMBER 475

Honorable Mayor and Council Members

Summary

Approval is requested for a change order to City Contract Number 475 to add a structural liner to an existing 6-foot culvert. The contract is for the East Laurel Creek Bank Stabilization project which includes construction of a shotcrete and soil nailing wall to stabilize the creek and roadway embankment at East laurel Creek, 150 feet south of the San Juan Pump Station.

Background

On July 11, 2006 the City Council authorized contract award of the East Laurel Creek Stabilization Project to the lowest responsible bidder. On August 24, 2006, the contract was awarded to Hillside Drilling Co. Inc. The contract amount was \$248,369, excluding Bid Alternate #1, which would have added a structural liner to the existing culvert that carries East Laurel Creek beneath the roadway. The alternate bid proposed for this liner was \$126,000, an amount that substantially exceeded the engineer's estimate and Council's approval to award. The plan at the time was to bid this item of work next year to get a better price.

During construction at the end of September, the contractor removed the bottom of the culvert and noticed the pipe was moving. The contractor immediately braced the culvert and poured six-inches of cement grout in and around the base of the pipe to stabilize the culvert, which to date remains secure. To date the culvert remains stabilized. However, staff recommends that the culvert be lined soon to avoid the potential for further deterioration.

Discussion

The unanticipated movement of the pipe caused staff to reassess its previous recommendation that installation of the structural liner should be scheduled next year. Staff now recommends that the installation be completed under the existing contract this fall. Staff negotiated with the contractor a new price for lining the culvert. The contractor agrees to complete this work for

\$109,200 as compared to his original bid alternate price of \$126,000. The Contractor indicates that he can complete the lining work by mid December if the Department of Fish and Game will extend the permit. Staff is currently working with the Department of Fish and Game to obtain an amendment approval.

General Plan/Vision Statement

No Impact.

Fiscal Impact

The total construction cost is as follows:

1. Shotcrete, soil nailing wall - \$217,369
2. Culvert lining and construction of outfall stilling pond - \$140,200.
3. Ten percent construction contingency of \$35,757.

Funding for the shotcrete and soil nailing retaining wall in the amount of \$239,106 (including contingency) will be obtained from the Unanticipated Infrastructure Repair Project Fund 310-4196-6116-9030. Staff has applied to FEMA and to the State Office of Emergency Services for reimbursement of this cost and \$190,656 was approved. Money received from FEMA and the State will be returned to this fund.

The remaining amount of \$154,220 for the stilling pond(s) and culvert structural lining will be funded from the Storm Drainage Enterprise Fund 525-4315-6051-9030. These costs are directly related to repair or replacement of an existing failed corrugated pipe which is within the scope of work defined for this budget account.

Public Contact

Posting the City Council agenda.

Recommendation

Staff recommends that the City Council approve Contract Change Order No. 1 to City Contract Number 475 for a total contract price increase of \$109,200 with an additional 10% contingency of \$10,920 and an extension of contract time to December 15, 2006.

Alternatives

1. Deny the request
2. Refer back to staff for additional information.

Attachments

A. Resolution

Respectfully submitted,

Gilbert Yau P.E.
Senior Civil Engineer

Raymond Davis, III, P.E., PTOE
Director of Public Works

Terrance Belanger
Interim City Manager

Staff Contact:
Gilbert Yau P.E.
(650)595-7467
gyau@belmont.gov

RESOLUTION NO. _____

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WHEREAS, the culvert carrying East Laurel Creek under the roadway and the creek bank at the culvert outfall have failed and require repair: and,

WHEREAS, the Council approved award of project to the lowest responsible bidder July 11, 2006; and,

WHEREAS, the contract was awarded to Hillside Drilling Co. Inc. on August 24, 2006; and,

WHEREAS, during the construction it was found that the culvert shall be structural-lined sooner than scheduled.

NOW, THEREFORE, BE IT RESOLVED that:

1. The City Council of the City of Belmont approves Change Order Number 1 for the structural liner of an existing culvert
2. .
3. The City Council approves a total contract price increase of \$109,200 with an additional 10% contingency of \$10,920, and an extension of contract to December 15, 2006.
4. The City Council authorizes the allocation of \$239,106 from the Unanticipated Infrastructure Repair Project Fund 310-4196-6116-9030 and \$154,220 from the Storm Drainage Enterprise Fund 525-4315-6051-9030 for the construction of this project.

* * * * *

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on October 24, 2006 by the following vote:

AYES, COUNCILMEMBERS: _____

NOES, COUNCILMEMBERS: _____

ABSTAIN, COUNCILMEMBERS: _____

ABSENT, COUNCILMEMBERS: _____

CLERK of the City of Belmont

APPROVED:

MAYOR of the City of Belmont