Council Agenda #4G
Meeting of September 28, 2010

# Staff Report

RESOLUTION ACCEPTING WORK, APPROVING AS-BUILT PLANS, AND AUTHORIZATION TO ISSUE A NOTICE OF SUBSTANTIAL COMPLETION FOR THE 2009 STORM DRAIN IMPROVEMENT PROJECT, CITY CONTRACT NUMBER 501

Honorable Mayor and Council Members:

**Summary**

Staff requests the Council accept the work and authorize the issuance of a Notice of Substantial Completion to RePipe California Inc. for the 2009 Storm Drain Improvement Project, City Contract Number 501.

**Background**

On June 23, 2009, the City Council approved City Contract Number 501 for the 2009 Storm Drain Improvement Project in the amount of $900,000, plus an additional ten percent construction contingency. The project replaced deteriorating storm drain lines within the City to correct the problems that can impact sewer systems and roadways; And thus reduce the attribution to the infiltration and inflow (I/I) problems for sewer lines. The work was in the Skymont, Plateau, Cipriani, Country Club, Central, Chula Vista and Hallmark neighborhoods.

As identified in the City's Storm Master Plan, rusted corrugated metal storm drains develop holes that allow flow to infiltrate to the ground. This water either percolates to groundwater or infiltrates into the sewer lines through cracks and defects in the pipes, manholes and service laterals. A portion of the runoff will flow along the pipes and wash away adjacent soil. If not repaired, the soil supporting the roadway will fail, leading to failure of the pavement section, ultimately destabilizing the sewer and storm pipes. In areas without storm drain systems, runoff is conveyed through the gutters and within the street pavement section. This runoff leaches oil from the asphalt, causing unraveling of the asphalt and cracks. Where cracking occurs, runoff has a pathway to enter the roadway base, which increases the potential for sewer infiltration.

**Discussion**

On August 26, 2009, the City entered into the contract with RePipe California, Inc. to construct the 2009 Storm Drain Improvement Project. The awarded contract cost of $811,532 was lower than the engineering estimate of $900,000. The Public Works Department inspected the contractor's work and finds that it has been completed in accordance with contract requirements.

All work is shown on the set of As-Built drawings available for review. The contractor will provide the City with a maintenance bond to guarantee the work for one year, as required by the construction contract. Upon closeout of the project, the City Clerk will ask the County to record a Notice of Completion.

**General Plan/Vision Statement**

The 2009 Storm Drain Project, City Contract Number 501 work is consistent with the General Plan Public Facilities and Services Goals Section (Paragraph 2041), which states: *"To provide public services at a level adequate to ensure public safety, health and welfare at the lowest possible cost; to establish and maintain all essential public services and facilities in a manner that ensures continued operation in time of emergency."*

**Fiscal Impact**

The original contract price was $811,532. The final contract cost of $826,760 with change orders as allocated from the Storm Drain Enterprise Account 525-3-730-6051-9030.

**Public Contact**

Public contact consisted of posting the City Council agenda.

**Recommendation**

Staff recommends the Council accept the work as substantially complete, approve as-built plans, and authorize issuing a Notice of Substantial Completion for the 2009 Storm Drain Improvement Project, City Contract Number 501.

**Alternatives**

1. Refer back to staff for additional information
2. Deny approval

**Attachments**

A. Resolution

Respectfully submitted,

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| Gilbert Yau<br>Senior Civil Engineer | Carlos deMelo<br>Acting Public Works Director |
| Jonathan Gervais<br>Acting Public Works Director | Greg Scoles<br>City Manager |

Staff Contact:
Gilbert Yau
Senior Civil Engineer
Phone: (650) 595-7467
gyau@belmont.gov

**CITY COUNCIL RESOLUTION NO. _____**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT ACCEPTING WORK, APPROVING AS-BUILT PLANS, AND AUTHORIZATION TO ISSUE A NOTICE OF SUBSTANTIAL COMPLETION FOR THE 2009 STORM DRAIN IMPROVEMENT PROJECT, CITY CONTRACT NUMBER 501**

**WHEREAS,** on June 23, 2009, the City Council approved City Contract Number 501 in the amount of $900,000, plus an additional ten percent construction contingency for the 2009 Storm Drain Improvement Project; and,

**WHEREAS,** RePipe California, Inc. submitted the lowest responsive and responsible bid in the amount of $811,532 and was awarded the contract; and,

**WHEREAS,** the contractor has completed the contract work at a final cost of $826,760, allocated from the Storm Drain Enterprise Account 525-3-730-6051-9030; and,

**WHEREAS,** the Public Works Department has inspected the contractor's work and finds that it has been completed in accordance with contract requirements.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Belmont: 1) accepts the work as substantially complete, 2) approves as-built plans, 3) authorizes the City Clerk to issue a Notice of Substantial Completion to RePipe California, Inc., and 4) authorizes the City Clerk to request recordation of the project Notice of Completion upon final project closeout for City Contract Number 501.

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