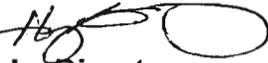


**MOORPARK CITY COUNCIL
AGENDA REPORT**

TO: Honorable City Council

FROM: Hugh R. Riley, Assistant City Manager 
Dave Klotzle, City Engineer/Public Works Director

BY: Ky Spangler, Special Projects Consultant 

DATE: April 5, 2012 (CC Meeting of 4/18/12)

SUBJECT: Consider Additional Funding to Construct an Asphalt Overlay of the Northbound Lanes of Spring Road from Flinn Avenue to South of the Union Pacific Railroad Tracks and Amendment No. 5 to the Agreement with John S. Bascom, Inc., dba Precision Plumbing-Mechanical for the Ruben Castro Human Services Center

BACKGROUND & DISCUSSION

Construction of the Ruben Castro Human Services Center (RCHSC) began in February, 2011. During the course of construction it was determined that an offsite storm drain connection within Spring Road was necessary to adequately drain the RCHSC site due to drainage coming from the adjacent railroad right of way. At their meeting on November 2, 2011, the City Council approved two amendments with John S. Bascom, Inc., dba Precision Plumbing-Mechanical (Precision Plumbing). The first amendment, in an amount not-to-exceed \$35,000, covered utility potholing operations necessary for engineering design purposes to confirm the feasibility of a storm drain connection proposed to cross Spring Road.

The second amendment authorized by the City Council included: funds to construct a storm drain connection based on the feasibility of a preliminary alignment proposal; provide for an asphalt overlay of the northbound lanes of Spring Road from Flinn Avenue to south of the Union Pacific Railroad tracks; and inclusion of a design contingency to be applied to cost changes commonly experienced with a final design process. The cost of the two amendments is summarized below:

City Council approvals granted November 2, 2011	
<u>Amendment No. 2</u>	
Task #1 – Potholing existing utilities for Alternative #2	\$35,000
<u>Amendment No. 3</u>	
Task #2 – Preliminary construction cost of Storm Drain Alternative #2	\$143,946
Task #3 – Asphalt Overlay, northbound Spring Road	\$50,000
20% Contingency for final design	<u>\$39,000</u>
Total Amendment No. 3 Amount	\$232,946

Following preparation of the formal engineering design and an updated construction cost estimate, the final cost for the Spring Road storm drain construction was revised to \$190,357. A portion of the increase was absorbed through use of \$20,000 of the approved contingency. On April 4, 2012 the City Council approved an additional appropriation of \$26,411 and authorized approval of Amendment No. 4 for the Spring Road offsite storm drain connection to Precision Plumbing in an amount not-to-exceed \$190,357. Construction of the storm drain connection began April 9, 2012.

The cost for the asphalt overlay was initially estimated at \$50,000 based upon general assumptions of roadway square footage, asphalt tonnage required, and the condition of the existing road surface, with some design contingency accounted for. The revised cost estimate prepared based on the final design plans, specifications and schedule of work is \$102,063 which is \$52,063 over the original estimate. The final design and estimate includes hot mix crack sealing and weed spraying and removal and replacement of additional areas of asphalt which were not anticipated in the initial cost for the overlay. Additionally, the relatively small tonnage of rubberized asphalt required resulted in a higher unit price than anticipated and rising petroleum prices have also had an impact on asphalt materials costs.

Based on the precise conditions in the field following construction of the storm drain connection, some of the line items in the asphalt overlay schedule of work may be deleted. The cost for the work is priced on a unit cost not-to-exceed basis, and only those items of work necessary will be performed.

Presently there is \$69,000 remaining from within the Council approval granted in November, 2011 for the project, leaving a shortfall of \$33,063 to complete the asphalt overlay of Spring Road from Flinn Avenue to south of the Union Pacific Railroad tracks. In order to move forward with project, staff is requesting approval of this additional amount. Completion of the overlay, in conjunction with the recently approved Spring Road storm drain connection, will alleviate existing drainage problems and ponding of water experienced in this location during rain events, and improve the deteriorated condition of Spring Road.

FISCAL IMPACT

The Capital Improvement budget for the Ruben Castro Human Services Center (Fund 5020) is \$11,038,064. To date \$5,363,356 has been encumbered with an available balance of \$1,105,213. Therefore, no additional funds need to be budgeted for the proposed work at this time. Sufficient funds exist in the budget to cover this work.

STAFF RECOMMENDATION (ROLL CALL VOTE)

Approve additional funding in the amount of \$33,063 for an asphalt overlay of the northbound lanes of Spring Road associated with the construction of the Ruben Castro Human Services Center and authorize the City Manager to execute Amendment No. 5 in the amount of \$102,063 to John S. Bascom, Inc., dba Precision Plumbing-Mechanical, subject to final language approval of the City Manager and City Attorney.

Attachment 1: John S. Bascom, Inc. dba Precision Plumbing-Mechanical Proposal dated March 27, 2012

PRECISION Plumbing - Mechanical

5350 Gabbert Road • Moorpark, CA 93021 • (805) 529-4748 • fax (805) 529-5433

Proposal

Page No. _____ of Pages _____

PROPOSAL SUBMITTED TO Balfour Beatty Construction - Dennis Kuykendall		PHONE (805) 523-0015	DATE 03-27-2012
STREET 300 E. Esplanade Dr. # 350		JOB NAME Asphalt Overlay Spring Rd.	
CITY, STATE AND ZIP CODE Oxnard, CA 93036		JOB LOCATION 612 Spring Rd. Moorpark, CA 93021	
ARCHITECT RJR Engineers	DATE OF PLANS N/A	dkuykendall@balfourbeattyus.org	JOB PHONE (805) 523-0015

We hereby propose to furnish in accordance with specifications below, or on attached pages, all labor and materials necessary to complete the following:

We propose to provide the labor and materials needed to install items #12-15 & 19 on the, "Proposed Schedule of Work and Prices" for the, "Spring Road Storm Drain and Asphalt Overlay". Installation will be per plan sheets # 1-6 of plans drawn by RJR Engineering of plans distributed on March 05, 2012 labeled preliminary only, not for construction.

PLEASE SEE ATTACHMENT "A" FOR ITEMS INCLUDED AND EXCLUDED

PPM FOREMAN:

Provide foreman at all times on site while work is being performed \$ 755.00 per day. Total cost included in price below.

WE PROPOSE hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

One Hundred Two Thousand Sixty Three Dollars & NO/100 _____ dollars (\$ **102,063.00**)

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature *Daniel Bascom* **Daniel Bascom**

Note: This proposal may be withdrawn by us if not accepted within **30** days.

ACCEPTANCE OF PROPOSAL The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outline above.

Signature _____

Date of Acceptance: _____

Signature _____

Attachment "A"
PROPOSAL #10363

The following items are included in this proposal:

- Provide and install items # 12-15 & 19 of attached cost breakdown per plans and specifications.
- Performance and payment bond.
- Traffic control. Price included in items #12-15 & 19.
- Prices are based on one mobilization charge for each division of work.
- Asphalt Rubber has to be scheduled when Vulcan materials has the rubber plant set up for a larger project, Precision Plumbing Mechanical will need at least 1 month notice to order asphalt.
- Pricing for asphalt overlay is good for work completed through September 30, 2012
- All work will be performed during the normal business hours of 8:30 AM to 4:30 PM Monday through Friday.

The following items are excluded from this proposal:

- Off hours work.
- Permits or fees, related to project including required NPDES permit.
- Removal of excess dirt. (Balfour Beatty has approved dumping and spreading of any excess dirt on Ruben Castro Human Service Center site)
- Line items #2-11, 16-18.
- Furnish and install water for project at contractors own expense including metering.

SPRING ROAD STORM DRAIN AND ASPHALT OVERLAY
PROPOSED SCHEDULE OF WORK AND PRICES

Item No.	Description	Qty	Unit	Unit Price	Total
1	Traffic Control	1	LS	INCLUDED BELOW	INCLUDED BELOW
2	Stormwater Pollution Control Plan	1	LS	—	N/A
3	Furnish and install 18" RCP per the plans and specifications including excavation, backfill and pavement repair.	53	LF	—	N/A
4	Furnish and install 4 ft. x 1 ft. RCB per the plans and specifications including excavation, backfill and pavement repair.	10	LF	—	N/A
5	Furnish and install 10" HDPE pipe per the plans and specifications including excavation, backfill and pavement repair.	202	LF	—	N/A
6	Join 18" RCP to existing RCB per the plans and specifications including excavation, backfill and pavement repair.	1	LS	—	N/A
7	RCP to RCB transition structure per the plans and specifications including excavation, backfill and pavement repair.	1	LS	—	N/A
8	Furnish and install manhole, frame and cover.	1	LS	—	N/A
9	Curb opening catch basin and local depression including excavation, backfill and pavement repair.	1	LS	—	N/A
10	Lower existing 2" AT&T cable and place 2 - 4" Sch. 80 conduits, each 20 ft. long with all ends capped.	1	LS	—	N/A
11	Relocate existing 6" ACP water main per VCWWD Standards including excavation and backfill	1	LS	—	N/A
12	Crack sealing and weed spraying	1	LS	8,200. ⁺	8,200. ⁺
13	Pavement Milling	8,300	SF	1.24	10,458. ⁺
14	Furnish and Install Asphalt Rubber Hot Mix (ARHM-GG-C)	205	TON	212. ⁺	43,460. ⁺
15	Remove and replace 6" asphalt concrete	2,500	SF	8. ¹⁰	20,250. ⁺
16	Remove and replace existing median improvements including median curb, stamped concrete, landscaping and irrigation	1	LS	—	N/A
17	Remove and replace PCC sidewalk	200	SF	—	N/A
18	Remove and replace PCC spandrel	1	LS	N/A	N/A
19	Install striping per the plans and specifications	1	LS	9,100. ⁺	9,100. ⁺
TOTAL					91,468. ⁺

PPM N/A 10% = 9,146.⁸⁰
PPM BOND 1.44% = 1,448.⁸⁵

10.741 = 102,003.⁺