



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 17, 2015

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department
Creeks Division, Parks and Recreation Department

SUBJECT: Contract For Construction Of Low Impact Development
Demonstration Streets, Sidewalks, And Alleys Project – Phase I

RECOMMENDATION:

That Council award a contract with Brough Construction, Inc., in their low bid amount of \$1,053,780 for construction of the Low Impact Development Demonstration Streets, Sidewalks, and Alleys Project – Phase I, Bid No. 3738, and authorize the Public Works Director to execute the contract and approve expenditures up to \$105,378 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment.

DISCUSSION:

Urban storm water runoff is the single largest source of surface water pollution in Santa Barbara. Under most existing conditions, storm water runoff from urban areas picks up pollutants as it flows across roofs, sidewalks, driveways, parking lots, and streets, and is conveyed by gutters, channels, and storm drains directly to local creeks and the ocean without any treatment. This runoff carries sediment, nutrients, bacteria, hydrocarbons, metals, pesticides, and trash.

The City has developed a Storm Water Management Program (SWMP) in order to reduce the discharge of pollutants into local creeks and the ocean. Installing permeable pavers is one of the methods developers may use to meet the City's guidelines. Permeable pavers allow water to pass through them into a subsurface gravel layer that doubles as a storage/infiltration area and a structural base layer.

PROJECT DESCRIPTION

The Low Impact Development Demonstration Streets, Sidewalks, and Alleys Project – Phase I (Project) consists of installing over 23,000 square feet of permeable concrete

pavers in the sidewalks around Alice Keck Park Memorial Gardens and the Parks service road at Plaza de Vera Cruz. The Project is designed to capture and treat the volume of storm water generated from a 1-inch, 24-hour storm event. Phase II of the Project, which is expected to be constructed in the summer of 2016 under a separate contract, will consist of installing over 60,000 square feet of permeable concrete pavers in the 700 and 800 blocks of North Quarantina Street. The Project will be used as an example of a relatively simple Best Management Practice that meets the City's SWMP requirements, and can be installed almost anywhere there is existing hardscape (site conditions permitting).

CONTRACT BIDS

A total of three (3) bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Brough Construction, Inc. Arroyo Grande, CA	\$1,053,780.00
2.	Lash Construction, Inc. Santa Barbara, CA	\$1,180,967.50
3.	Hughes General Engineering, Inc. Camarillo, CA	\$1,472,608.20*

**corrected bid total*

The low bid of \$1,053,780 submitted by Brough Construction, Inc., is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$105,378, or ten percent, is typical for this type of work and size of project.

COMMUNITY OUTREACH

Public Works and Creeks Division staff has notified the property owners and residents near the Project locations of the upcoming construction via mailers and in-person meetings. The contractor will be responsible for the final notice via door hangers, 72 hours prior to construction. The Project will also be described in a press release and on the City's website. During construction, temporary construction signs detailing the Project's design and benefits will be posted at the sites. Upon Project completion, a television segment will be prepared and aired on City TV, and permanent interpretive signs will be posted at each site.

FUNDING

The City has been awarded Proposition 84 Storm Water Grant Program funding in the amount of \$2,307,010 for Project costs of both phases. There is a 20 percent local match required as part of this grant, but the City originally offered \$613,982, or 26 percent, to give the grant application a better likelihood of success. The total amount of funding, including the grant and the City's match, is \$2,920,992. On November 4, 2014, City Council approved Ordinance No. 5674, approving and ratifying the Proposition 84 grant agreement. Based on the total project cost of \$1,423,053 for construction of Phase I, the remaining \$1,497,939 will be used to fund Phase II of the Project. With the grant appropriation and the matching funds from the Creeks Division Capital Fund, there will be sufficient funds to cover the cost of the Project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Brough Construction, Inc.	\$1,053,780	\$105,378	\$1,159,158
TOTAL RECOMMENDED AUTHORIZATION			\$1,159,158

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

**Cents have been rounded to the nearest dollar in this table.*

	PROP 84	CITY SHARE	TOTAL
City Design Costs	\$12,500	\$37,047	\$49,547
City Survey Costs	\$0	\$9,500	\$9,500
Other Design Costs (GPR Survey, Soil Testing)	\$10,000	\$10,283	\$20,283
Subtotal	\$22,500	\$56,830	\$79,330
Construction Contract	\$950,680	\$103,100	\$1,053,780
Construction Change Order Allowance	\$105,378	\$0	\$105,378
Subtotal	\$1,056,058	\$103,100	\$1,159,158
Construction Management/Inspection (by City Staff)	\$50,000	\$100,000	\$150,000
Material Testing	\$22,685	\$0	\$22,685
Labor Compliance Monitoring	\$0	\$11,880	\$11,880
Subtotal	\$72,685	\$111,880	\$184,565
TOTAL PROJECT COST	\$1,151,243	\$271,810	\$1,423,053

SUSTAINABILITY IMPACT:

Storm water and urban runoff from impervious surfaces are a major source of surface water quality degradation. Infiltrating polluted runoff provides passive treatment at the source, which enhances watersheds and beaches, reduces damaging peak storm water flows, recharges groundwater, and requires no power consumption for operation.

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APPROVED BY: City Administrator's Office