



Office of the City Manager

CONSENT CALENDAR
November 27, 2012

To: Honorable Mayor and Members of the City Council
From:  Christine Daniel, City Manager
Submitted by: Andrew Clough, Director, Public Works
Subject: Contract: URS Corporation for Planning and Engineering Services for Permeable Paver Demonstration Project

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to execute a contract with URS Corporation for planning and engineering services for a demonstration project using permeable pavers on a full-width section of a City street, the location of which to be determined during the initial phase of the contract, in an amount not to exceed \$232,870 for a period of 2 years.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the FY 2013 Street Capital Improvement Program budget in the Special Gas Tax Improvement Fund (369-5212-431-3035-13ST04) in the amount of \$600,000. The URS contract is for engineering services only, and does not include the construction of the actual improvements. If the total project cost, including construction, exceeds the \$600,000 project allocation, additional funding up to \$400,000, for a total project cost of \$1,000,000, will be subject to appropriation in FY 2014.

The Contract Management System number is CMS No. RKXU8.

CURRENT SITUATION AND ITS EFFECTS

The City's Watershed Management Plan (WMP) identifies numerous techniques for using "green infrastructure" elements to improve water quality and reduce flooding. One specified method is the use of permeable paving, such as Permeable Interlocking Concrete Pavers (PICP). In addition to the improvements to storm water drainage, permeable paving has other potential benefits, including traffic calming, increased pavement life, and aesthetics.

During the Council's review of options to improve the overall effectiveness of the City's Street Paving Program at a Council Work Session on November 15, 2011, Council approved a proposal from the Public Works Commission to allocate up to 15% of the annual program budget to a permeable paving demonstration project.

BACKGROUND

A Request for Proposals (RFP) was issued on July 11, 2012 seeking qualified firms or individuals for design and consulting engineering services for the installation and construction of a permeable paver system on a section of vehicular right-of-way in Berkeley (a City street). Expertise was requested to help in selecting the best available location for a demonstration project for PICP, or equivalent, and to perform the engineering design, and manage the bidding and construction phases. Services also include the means to monitor the expected benefits and other key factors of permeable pavement, including, but not limited to:

- A. Effects on Water Quality of Storm Water Runoff
- B. Storm Water Runoff Retention/Detention
- C. Traffic Calming/Noise
- D. Structural Integrity/Durability
- E. Expected Life
- F. Effects on ADA/Bicycle Ride-ability
- G. Impacts on Maintenance of Underground Utilities (beneath the permeable pavement)

On August 2, 2012, one proposal was received from URS Corporation, and a Review Panel was convened to evaluate the proposal. The Panel concluded the URS proposal met the City's requirements and goals, and that the City was not at a disadvantage by not receiving more proposals. The Panel then recommended that a contract be awarded to URS Corporation for the proposed scope of services.

RATIONALE FOR RECOMMENDATION

The team assembled by URS is highly qualified with distinct expertise in the specialized field of permeable paving. In particular, they have added to their team an outside consultant who is nationally and internationally recognized for successfully implementing numerous permeable projects world-wide.

The scope of work requested by the City is intended to be very comprehensive in order to maximize the benefits of the trial project. Among other things, it includes an ongoing testing program to monitor the effectiveness of the permeable system after it is installed. The scope also sets up general procedures and standards for permeable systems, and as such, will serve as a template for future applications and projects, which will be much more economical as a result.

ALTERNATIVE ACTIONS CONSIDERED

Re-advertising the RFP to attempt to obtain more bids was considered, but it was concluded that URS has a well qualified team, with a fully responsive scope of services at a reasonable price.

CONTACT PERSON

Jeffrey Egeberg, Manager of Engineering, Public Works Department, 981-6400

Attachments:

1: Resolution

RESOLUTION NO. ##,###-N.S.

CONTRACT: URS CORPORATION FOR PLANNING AND ENGINEERING SERVICES
FOR PERMEABLE PAVER DEMONSTRATION PROJECT

WHEREAS, on November 15, 2011 the Council approved an allocation of the annual street paving budget for testing new technologies, in particular a permeable paving demonstration project; and

WHEREAS, on August 2, 2012 the City received the response to its Request for Proposals for planning and engineering services for such a demonstration project; and

WHEREAS, the proposal from URS Corporation has been found to be fully qualified and responsive to the City's request; and

WHEREAS, funds are available in the FY 2013 Street Capital Improvement Program in the Special Gas Tax Improvement Fund (369-5212-431-3035-13ST04), and the contract has been entered into the City contract database and assigned Contract Management System No. RXXU8.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to enter into a contract with URS Corporation for Engineering Services for a Permeable Paver Demonstration Project in the amount of \$232,870, for a period expiring on December 31, 2014. A record signature copy of said contract and any amendments to be on file in the Office of the City Clerk.

