



CITY COUNCIL AGENDA REPORT

MEETING DATE: JUNE 5, 2012

ITEM NUMBER:

SUBJECT: PARKWAY CONCRETE REPAIR AND NEW SIDEWALK CONSTRUCTION PROJECT - CITY PROJECT NO. 12-04

DATE: MAY 24, 2012

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: ERNESTO MUNOZ, PUBLIC SERVICES DIRECTOR

FOR FURTHER INFORMATION CONTACT: FARIBA FAZELI, INTERIM CITY ENGINEER, (714) 754-5335

RECOMMENDATION:

1. Adopt plans, specifications, and working details for the Parkway Concrete Repair and New Sidewalk Construction Project, City Project No. 12-04.
2. Award a construction contract to Black Rock Construction Company, 282 North St. Crispen, Brea, CA 92821, in the amount of \$2,121,684.00 (base bid plus all additive bid items).
3. Authorize the Mayor and the City Clerk to execute the Public Works Agreement.

BACKGROUND:

The East Side Maintenance Project consists of the following three individual projects with a total construction cost of over \$6.3 million.

1. Parkway and Concrete Repair Project – Will repair the damaged curb and gutter, sidewalk, cross-gutters and driveways.
2. Asphalt Concrete Paving Project – Will mill and overlay major streets (such as Orange Avenue, Tustin Avenue, and Santa Ana Avenue). In addition, the contractor will be placing a thin overlay on streets with minor surface distress.
3. Slurry Seal Project – Will apply a thin surface coating to extend the life of the wearing surface and to seal the street.

By phasing the work into areas of specialty, the City was able to realize an overall savings of \$600,000 from last years contract prices.

Concrete improvements located within the City's parkways and streets require ongoing repair and maintenance due to age, maturing trees, soil conditions, water intrusion, and traffic loads. The City's Parkway Concrete Repair Program is funded to repair as many of these damaged areas as possible, and eliminate the potential liability associated with aging parkways. The locations identified for repair are prioritized based on pedestrian and handicap traffic and the severity of the damage.

The City's New and Missing Link Sidewalk Program addresses the installation of concrete sidewalks on City streets that do not have a continuous sidewalk along the entire block. Pedestrians typically use the traffic pavement area for their path of travel where these sidewalk

segments are missing. The list of parkway improvement locations and missing sidewalk locations within the scope of work for this contract is included as Attachment "1".

The Parkway Maintenance and the New and Missing Link Sidewalk Programs were combined as a single project to take advantage of the economy of scale savings associated with a larger project. The majority of the work is bounded by Irvine Avenue and Newport Boulevard, and 15th Street and 21st Street.

ANALYSIS:

The scope of work under this contract consists of localized reconstruction of curb and gutter; cross gutter and spandrels; sidewalks; incidental roadway reconstruction; driveway approaches and other work needed to complete the project in accordance with the contract documents.

The City Clerk received and opened nine (9) bids for this project on April 6, 2012. Black Rock Construction Company was the apparent low bidder with a base bid proposal of \$1,971,684.00. The Engineer's estimate was \$2,831,560.00; and the average of the nine (9) base bids received amounted to \$2,727,034.00. An analysis of the bids indicates that this apparent low bidder submitted a base bid proposal that is thirty percent (30%) lower than the Engineer's estimate. The variance between the low bidder and the Engineer's estimate may be attributed to the highly competitive conditions prevalent in the construction industry at this time. The Bid Abstract is included as Attachment "2".

In addition to the base bid, the bidders were required to provide prices on three additive bid items to be considered for award only if the bids were favorable and funding was adequate to cover the additional cost. These additive items (AD1, AD2, and AD3) consist of additional labor and material to increase the number of locations that may be repaired with this contract. The incorporation of the additive bid items will result in a net increase to the contract of \$150,000.00. Due to the favorable bid received for this work, and the overall project cost being below the Engineer's estimate, staff recommends the inclusion of the additive items of work.

The license and references of Black Rock Construction Company were checked and staff has found them to be in good standing. Black Rock Construction has successfully completed other City projects including most recently the rehabilitation of Alley No. 47 (between Cleveland Avenue and Coolidge Avenue and from Baker Street to Paularino Avenue), Alley No. 116 (east of Newport Boulevard from 23rd Street to Wilson Street), the northerly portion of Alley No. 75 (west of Fullerton Avenue and south of Flower Street), and Alley No. 76 (south of Flower Street from Alley No. 75 to Fullerton Avenue).

ALTERNATIVES CONSIDERED:

The alternative to this Council action would be to reject all the bids. If all the bids are rejected, the City would need to readvertise or cancel the project. Staff believes that readvertising the project will not result in lower bids.

FISCAL REVIEW:

Funding for this project has been budgeted from Gas Tax revenues.

LEGAL REVIEW:

Black Rock Construction Company has furnished the necessary bonds and insurance, which were approved as to form by the City Attorney. After the award and subsequent execution of the contract, a "Notice to Proceed" will be issued.

CONCLUSION:

The advertisement and bid opening for the Parkway Concrete Repair and New Sidewalk Construction Project, City Project No. 12-04, has been completed. It is recommended that the City Council adopt the plans, specifications, and working details for said project; award the contract to the apparent low bidder, Black Rock Construction, in the amount of \$2,121,684.00 (base bid plus all additive bid items); and authorize the Mayor and the City Clerk to execute the Public Works Agreement.



ERNESTO MUNOZ
Public Services Director



FARIBA FAZELI
Interim City Engineer

ATTACHMENTS: "1" Parkway Locations
 "2" Bid Abstract

DISTRIBUTION: Chief Executive Officer
 City Attorney
 City Clerk
 Staff
 File

2011 / 2012 PARKWAY / STREET MAINTENANCE PROJECT

LIST OF PROPOSED PARKWAY LOCATIONS
WITHIN PROJECT

(ALPHABETICAL STREET LISTING)

| | LOCATION | FROM | TO |
|----|----------------|-----------------------|--------------------------|
| 1 | 16th Pl | Orange Ave | Irvine Ave |
| 2 | 16th St | Newport Blvd | Irvine Ave |
| 3 | 17th St | Newport Blvd | 200' w/o Fullerton Ave |
| 4 | 17th St (Old) | Newport Blvd | V"-Right (w/o Bullnose)" |
| 5 | 18th St | Orange Ave | Irvine Ave |
| 6 | 19th St | Newport Blvd | Fullerton Ave |
| 7 | 20th St | Newport Blvd | Irvine Ave |
| 8 | 21st St | Santa Ana Ave | Tustin Ave |
| 9 | Abbie Way | W'ly Cul-de-sac | Irvine Ave |
| 10 | Aliso Ave | 16th St | Cambridge Cir |
| 11 | Aliso Ave | Walnut Pl | Esther St |
| 12 | Aliso Ave | 20th St | Cul-de-sac |
| 13 | Alva Ln | Santa Ana Ave | Raymond Ave |
| 14 | American Way | State Ave | Victoria St |
| 15 | Broadway | Newport Blvd | Irvine Ave |
| 16 | Buoy St | Fullerton Ave | Orange Ave |
| 17 | Cabrillo St | Newport Blvd | Raymond Ave |
| 18 | Cabrillo St | Tustin Ave | Irvine Ave |
| 19 | Cambridge Cir | W'ly Cul-de-sac | E'ly Cul-de-sac |
| 20 | Church Ave | 19th St | 20th St |
| 21 | Costa Mesa St | Fullerton Ave | Irvine Ave |
| 22 | E. Bay St | Tustin Ave | Aliso Ave |
| 23 | E. Bay St | Westminster Ave | Santa Ana Ave |
| 24 | E. Bay St | Newport Blvd | Orange Ave |
| 25 | Esther St | Santa Ana Ave | Walnut Pl |
| 26 | Esther St | W'ly end | Irvine Ave |
| 27 | Esther St | Westminster Ave | Santa Ana Ave |
| 28 | Flower St | Newport Blvd | Irvine Ave |
| 29 | Fullerton Ave | 17th St | Cabrillo St |
| 30 | Fullerton Ave | 18th St | Bouy St |
| 31 | Irvine Ave | 16th St | Ogle St |
| 32 | Knox Pl | Orange Ave | Santa Ana Ave |
| 33 | Knox St | Orange Ave | Santa Ana Ave |
| 34 | La Perle Ln/Pl | Tustin Ave (Southern) | Tustin Ave (Northern) |
| 35 | Laurie Ln | Cul-de-sac | Bay St |
| 36 | Lenwood Cir | Aliso Ave | Cul-de-sac |
| 37 | Lenwood Dr | Tustin Ave | Aliso Dr |
| 38 | Magnolia St | Fullerton Ave | Irvine Ave |
| 39 | Marian Way | Cul-de-sac | 21st St |
| 40 | Melody Ln | Cul-de-sac | Fullerton Ave |
| 41 | Ogle Cir | Cul-de-sac | Aliso Ave |

| | LOCATION | FROM | TO |
|----|-------------------|-----------------|-------------------------|
| 42 | Ogle St | Orange Ave | Tustin Ave |
| 43 | Ogle St | Aliso Ave | Irvine Ave |
| 44 | Orange Ave | 15th St | 17th St |
| 45 | Orange Ave | 18th St | Broadway |
| 46 | Palmer St | Orange Ave | Santa Ana Ave |
| 47 | Paloma Dr | 20th St | 660' N'Iy |
| 48 | Ramona Pl | Santa Ana Ave | Cul-de-sac |
| 49 | Ramona Way | Cul-de-sac | Tustin Ave |
| 50 | Raymond Ave | 17th St | N'Iy end of Cabrillo St |
| 51 | Raymond Ave | Magnolia St | 20th St |
| 52 | Redlands Pl | Cul-de-sac | 16th St |
| 53 | Riverside Pl | Cul-de-sac | 16th St |
| 54 | Robin Hood Ln | Westminster Ave | E'Iy Cul-de-sac |
| 55 | Robin Hood Pl | Cul-de-sac | Westminster Ave |
| 56 | Rochester St | Westminster Ave | E'Iy Cul-de-sac |
| 57 | Rochester St | Santa Ana Ave | Tustin Ave |
| 58 | Rochester St | Newport Blvd | Cul-de-sac |
| 59 | Rosemary Pl | Cul-de-sac | 20th St |
| 60 | San Bernardino Pl | Cul-de-sac | 16th St |
| 61 | Santa Ana Ave | 15th St | 17th St |
| 62 | Sherwood Pl | Cul-de-sac | Westminster Ave |
| 63 | Sherwood St | Westminster Ave | Santa Ana Ave |
| 64 | Sierks St | Orange Ave | Santa Ana Ave |
| 65 | Tustin Ave | 17th St | Emerson St |
| 66 | Walnut Pl | Tustin Ave | Esther Pl |
| 67 | Walnut Pl | Aliso Ave | Irvine Ave |
| 68 | Walnut St | Orange Ave | Tustin Ave |
| 69 | Walnut St | Newport Blvd | Fullerton Ave |
| 70 | Wells Pl | Fullerton Ave | Cabrillo St |
| 71 | Westminster Ave | 15th St | Knox Pl |
| 72 | Westminster Ave | 16th St | Alley #53 |
| 73 | Westminster Ave | 17th St | 19th St |
| 74 | Westminster Ave | Costa Mesa St | 20th St |
| 75 | Westminster Ave | Sierks St | 21st St |
| 76 | Woodland Pl | W'Iy Cul-de-sac | E'Iy Cul-de-sac |
| | | | |
| | | | |

PROPOSED MISSING SIDEWALK LOCATIONS

(ALPHABETICAL STREET LISTING)

| | LOCATION | FROM | TO |
|---|-----------------------------|-------------|-----------------|
| 1 | 16th Pl (S'Iy side) | Aliso Ave | Irvine Ave |
| 2 | Melody Ln | Cul-de-sac | Fullerton Ave |
| 3 | Ogle St (S'Iy side) | Orange Ave | Westminster Ave |
| 4 | Westminster Ave (E'Iy side) | Sherwood St | 21st St |
| | | | |

CITY OF COSTA MESA
DEPARTMENT OF PUBLIC SERVICES

2011-2012 PARKWAY CONCRETE REPAIR AND NEW SIDEWALK CONSTRUCTION PROJECT
CITY PROJECT NO. 12-04

BID OPENING DATE: APRIL 6, 2012

BID OPENING RESULTS

| <i>Bidder</i> | <i>City</i> | <i>Total Base Bid</i> | <i>Total Including all Additive Bid Items</i> |
|--|-------------------------|-----------------------|---|
| 1. BLACK ROCK CONSTRUCTION | BREA | \$1,971,684.00 | \$2,121,684.00 |
| 2. C.J. CONCRETE CONSTRUCTION, INC. | SANTA FE SPRINGS | \$1,987,470.00 | \$2,154,270.00 |
| 3. GOLDEN STATE CONSTRUCTORS, INC. | HUNTINGTON BEACH | \$2,308,405.00 | \$2,473,345.00 |
| 4. KALBAN, INC. | SUN VALLEY | \$2,356,465.00 | \$2,514,565.00 |
| 5. EBS GENERAL ENGINEERING, INC. | CORONA | \$2,581,740.00 | \$2,784,540.00 |
| 6. JEFF TRACY, INC. DBA LAND FORMS CONSTRUCTION | LAGUNA NIGUEL | \$2,794,405.00 | \$3,009,205.00 |
| 7. NOBEST INCORPORATED | GARDEN GROVE | \$2,913,060.00 | \$3,105,660.00 |
| 8. MARTINEZ CONCRETE | AZUSA | \$3,412,577.00 | \$3,636,641.00 |
| 9. VIDO SAMARZICH, INC. | ALTA LOMA | \$4,217,500.00 | \$4,557,100.00 |
| | Average \$ | 2,727,034.00 | \$ 2,928,556.67 |
| | Engineer's Estimate: \$ | 2,831,560.00 | \$ 3,025,960.00 |