



Legislation Details (With Text)

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Title: City Council consideration to adopt the Plans and Specifications for the Ontario Avenue Street Improvements from Magnolia Avenue to California Avenue Project, No. 2014-08; approve a Construction Contract with Hardy and Harper, Inc. in the amount of \$1,577,000; authorize the Purchasing Agent to issue a purchase order to Hardy & Harper, Inc. in the amount of \$1,577,000; and award the bid.

Sponsors:

Indexes:

Code sections:

Attachments: 1. Exhibit A - Location Map_Award of Bid Ontario Ave CIR Proj # 2014-08 to Hardy & Harper_LB.pdf,
2. Agreement_Award of Bid Ontario Ave CIR Proj. #2014-08 - Hardy Harper LB.pdf

Date	Ver.	Action By	Action	Result
3/7/2018	1	City Council	accepted	Pass

AGENDA REPORT REQUEST FOR CITY COUNCIL ACTION

DATE: 3/7/2018

TO: Honorable Mayor and City Council Members

FROM: Public Works Department

SUBJECT:

City Council consideration to adopt the Plans and Specifications for the Ontario Avenue Street Improvements from Magnolia Avenue to California Avenue Project, No. 2014-08; approve a Construction Contract with Hardy and Harper, Inc. in the amount of \$1,577,000; authorize the Purchasing Agent to issue a purchase order to Hardy & Harper, Inc. in the amount of \$1,577,000; and award the bid.

RECOMMENDED ACTION:

That the City Council:

1. Adopt the Plans and Specifications for the Ontario Avenue Street Improvements from Magnolia Avenue to California Avenue, Project No. 2014-08.

2. Award the construction services bid to Hardy and Harper, Inc., the lowest responsive and responsible bidder, in the amount of \$1,577,000, and waive minor irregularities in the bid documents submitted by said bidder.
3. Authorize the City Manager or his designees to execute the Construction Contract with Hardy and Harper, Inc., in the amount of \$1,577,000, and approve necessary change orders up to the amount provided by Corona Municipal Code Section 3.08.050(h).
4. Authorize the Purchasing Manager to issue a Purchase Order to Hardy and Harper, Inc., in the amount of \$1,577,000 for the construction services.

ANALYSIS:

The Ontario Avenue Street Improvements Project ("Project") consists of rehabilitation of Ontario Avenue using Cold-In-Place Recycling (CIR) from Magnolia Avenue to California Avenue. CIR rehabilitation is a method of removing and reusing the existing asphalt surface. It involves grinding off the top 2 to 5 inches of the existing asphalt surface, mixing the crushed asphalt with an asphalt recycling agent, and placing it back down with a paver. The CIR process is typically performed by using a "train" of equipment, involving an emulsion tanker, milling machine, sometimes a crusher and a screen, an asphalt paver, and a combination of pneumatic and vibratory rollers.

CIR is used to restore and reuse the existing material thereby reducing the amount of outside material required to be hauled to the site. This efficiently improves the road surface and strength, while minimizing expenses typically incurred during the paving process. In addition, CIR can correct deep asphalt defects such as rutting, fatigue (alligator) cracking, and utility cuts that cannot be addressed by a surface treatment or an overlay; allows minor corrections to the profile of a road surface; reduces reflective cracking; and results in only a minor inconvenience to traffic. As its name implies, this is a cold process that requires minimal additional heat during the rejuvenation of the asphalt material, resulting in a decrease in the amount of energy required to produce the final material. The Project also includes minor Americans with Disability Act (ADA) upgrades to the existing concrete improvements, minor traffic signal modification, and thermoplastic street striping. The project design was coordinated with Crossroads Church's current street improvement project, resulting in the elimination of duplication of effort and work.

Construction Inspection will be performed by a Contract Consultant and City staff will provide inspection oversight. Construction is tentatively scheduled to commence in April with completion anticipated by the end of July 2018.

The Plans and Specifications have been completed by K&A Engineering and reviewed by City staff. The Project was advertised per Public Contract Code requirements and City Ordinance on January 11, 2018. On February 8, 2018, four (4) valid bids were received by the due date and time, and opened by City staff. The following is a summary of the bids and Engineer's Estimate:

	Contractor	Location	Bid Schedule
	Engineer's Estimate		\$1,700,000 to \$1,800,000
1	Hardy and Harper, Inc.	Santa Ana	\$1,577,000.00
2	All American Asphalt	Corona	\$1,577,577.00
3	EBS General Engineering	Corona	\$1,787,525.00

4	R.J. Noble Company	Orange	\$1,897,151.00
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The licenses and references for Hardy and Harper, Inc. have been reviewed and verified by staff, and all other documentation is in order. The Project is subject to a Public Works Transportation Grant requiring bidders to meet certain labor compliance obligations. Padilla and Associates, Inc., the City's labor compliance consultant, verified the Good Faith Effort and verified the DBE goal of 12% has been met by Hardy and Harper, Inc., and recommended award.

City staff will perform the construction management, and the inspection services will be performed by a Contract Consultant. Construction is tentatively scheduled to commence in April 2018, with completion anticipated by July 2018.

COMMITTEE ACTION:

Not applicable.

STRATEGIC PLAN:

This item supports the City's Strategic Plan Goal 1: Promote Public Safety; Objective C: Ensure adequate funding for investments and improvements in infrastructure that support public safety. Completion of the proposed project will repair, replace, and install infrastructure improvements that contribute to the safety and mobility of Corona residents.

FISCAL IMPACT:

The estimated construction cost for this Project is outlined as follows:

Construction	\$1,577,000.00
Contingency	\$100,000.00
Construction Support	<u>\$175,000.00</u>
Total Construction Cost	\$1,852,000.00

Funding for the project is available in the Fiscal Year 2017-18 Capital Improvement Project Budget as follows:

Account Name	Fund	Account	Amount
Public Works Transportation Grant	243	69690	\$832,247
Gas Tax	222	69690	\$420,000
Measure A	227	69690	\$599,753
Total			\$1,852,000

ENVIRONMENTAL ANALYSIS:

The project is categorically exempt from environmental analysis since the project meets the criteria set forth in the California Environmental Quality Act (CEQA) Section 15301 (b).

PREPARED BY: LINDA BAZMI, SENIOR ENGINEER

REVIEWED BY: TOM KOPER, P.E., ASSISTANT PUBLIC WORKS DIRECTOR

REVIEWED BY: NELSON D. NELSON, P.E., PUBLIC WORKS DIRECTOR

REVIEWED BY: KIM SITTON, FINANCE MANAGER

REVIEWED BY: PATRICIA SONG, FINANCE MANAGER

REVIEWED BY: CITA LONGSWORTH, PURCHASING MANAGER

REVIEWED BY: KERRY D. EDEN, ASSISTANT CITY MANAGER/ADMINISTRATIVE SERVICES
DIRECTOR

SUBMITTED BY: DARRELL TALBERT, CITY MANAGER

Exhibits: “A” - Location Map