



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: NOVEMBER 7, 2017

FROM: PUBLIC WORKS DEPARTMENT WARD: 1

**SUBJECT: AWARD BID NO. 7491 FOR INSTALLATION OF STREET IMPROVEMENTS AT
THE BURLINGTON NORTHERN SANTA FE RAILROAD CROSSINGS AT
CHICAGO AVENUE TO EBS GENERAL ENGINEERING, INC. FOR \$334,925**

ISSUE:

Award a construction contract for Bid No. 7491 for the installation of street improvements at Burlington Northern Santa Fe (BNSF) at grade railroad crossings at Chicago Avenue to EBS General Engineering, Inc., of Corona, California, in the amount of \$334,925.

RECOMMENDATION:

That the City Council award a construction contract for Bid No. 7491 for street improvements at BNSF Rail Crossings at Chicago Avenue to EBS General Engineering, Inc., of Corona, California in the amount of \$334,925.00.

BACKGROUND:

The California Public Utilities Commission (CPUC) has recommended improvements to the Chicago Avenue BNSF at grade railroad crossings. The Chicago Avenue improvements are fully funded with federal funds provided to Caltrans under Section 130, Title 23 of the United States Code.

On May 3, 2016, the City Council authorized execution of the Chicago Avenue contract with the State and approved supplemental appropriations of \$563,625 for the improvements. The City received a fully executed agreement with the California Department of Transportation. Under the terms of the agreements, Caltrans will reimburse the City for all project costs, up to \$563,625 covering costs related to design, contract administration, and construction of improvements. BNSF will design and construct their improvements under a separate contract with the State.

DISCUSSION:

The California Public Utilities Commission (CPUC) has recommended the installation of improvements at the BNSF at grade railroad crossing on Chicago Avenue between Massachusetts

Avenue and Spruce Street. The improvements will enhance safety at the crossing for both motorists and pedestrians. Work will include installation of upgraded warning devices and gates, concrete panel surfacing to smooth travel over the tracks, and roadway edge line striping.

Additionally, to facilitate pedestrian traffic across the tracks, segments of concrete sidewalk will be installed on the westerly side and a pedestrian curb ramp constructed at Chicago Avenue and Marlborough Avenue. Pedestrian barricades will restrict pedestrian access on the easterly side where sidewalk improvements do not exist. Due to the close proximity of the existing left-turn pocket on southbound Chicago Avenue at Marlborough Avenue to the railroad tracks, modification of the existing north and south medians and striping to will be utilized to restrict the left-turn movement thereby reducing the potential for vehicles stacking on the tracks while waiting to make a left-turn movement.

The shared City / BNSF project will involve completion of specific project components by each agency. The City is responsible for construction of the concrete sidewalk and pedestrian curb ramp, installation of pedestrian barricades, detectable warnings, roadway striping, and fencing, modifications to the north and south medians and roadway striping, and removal of designated trees. These improvements will be funded with Federal Funds provided to Caltrans under Section 130, Title 23 of the United States Code. BNSF will be responsible for the installation of flashing light signal assemblies, an automatic gate, railroad indications, and concrete panel surfacing under a separate agreement between the State and the BNSF railroad.

Under the terms of the attached Agreement, the State will reimburse the City for all project costs including design and construction of the improvements up to \$563,625. The BNSF will design and construct their respective improvements under a separate contract with the State.

On July 25, 2017, seven (7) bids were received for construction of the project (Attachment 1). The lowest responsive bid was from EBS General Engineering, Inc. in the amount \$334,925.00 which is 4.33% over the Engineer's Estimate. The Public Works Department supports the low bid as it is fair and reasonable and rebidding the project may not result in a lower bid.

The Purchasing Manager concurs the above recommendation is in compliance with Purchasing Resolution No. 22576.

FISCAL IMPACT:

The estimated total Project cost including design, construction, construction engineering, flagging, and contingency is \$452,148.75. Sufficient funds are available in Project Account number 9894728-440125 (Chicago/BNSF RR Xing Improvements) to award the contract and complete the Project.

Prepared by:	Kris Martinez, Public Works Director
Certified as to availability of funds:	Adam Raymond, Chief Financial Officer/City Treasurer
Approved by:	Al Zelinka, FAICP, Assistant City Manager
Approved as to form:	Gary G. Geuss, City Attorney

Attachments:

1. Chicago Avenue at BNSF Railroad Crossing Project Location Map
2. Bid Award Recommendation