



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 07/13/2021

REQUESTER: Katherine Coffin

PRESENTER: David Riesland, Transportation Engineer

ITEM TITLE: CONSIDERATION OF APPROVAL, ADOPTION, REJECTION, AMENDMENT AND/OR POSTPONEMENT OF CONTRACT K-2122-11: A PROJECT AGREEMENT BY AND BETWEEN THE CITY OF NORMAN, OKLAHOMA, AND THE OKLAHOMA DEPARTMENT OF TRANSPORTATION (ODOT) FOR FEDERAL-AID PROJECT STPG-214F(118)AG, J/P 35326(04) FOR THE TRAFFIC SIGNAL UPGRADE PROJECT, EMERGENCY VEHICLE PRE-EMPTION SYSTEM (PHASE 2) AND ADOPTION OF RESOLUTION R-2122-9.

BACKGROUND:

The 2015 – Fixing America's Surface Transportation (FAST) federal transportation funding bill allocates approximately \$21 Million in Federal funds per year for the implementation of eligible transportation improvements in the Oklahoma City metropolitan area. New traffic signals along federal functionally classified roads are eligible for 100% federal funding.

On September 26, 2017, City Council adopted resolution R-1718-39 requesting federal funds for Traffic Signal Emergency Vehicle Pre-emption System Upgrades at various signalized intersections (Phase 2). Emergency vehicle pre-emption is the system that allows fire trucks and ambulances to receive a green indication at signalized intersection. This project is the second phase of a three phase project to upgrade the city's emergency vehicle pre-emption system from outdated and limited infrared technology to a GPS based system. This phase will upgrade a total of 41 signalized intersections and provide some much needed spare equipment in the event of a future malfunction. A copy of Resolution R-1718-39 along with a Location Map of the locations that are included in Phase 2 are attached. The project was submitted to the Association of Central Oklahoma Governments (ACOG) with a request to include it in the Regional Transportation Improvement Plan (TIP). This request was approved in December of 2020 by both the Intermodal Technical and Policy Committees of ACOG. As a result, transportation federal safety funds to pay up to \$561,662 in construction costs were secured in Federal Fiscal Year 2022. Total construction costs are estimated at just over \$565,000. The project scope will be adjusted to offset any difference between the bid amount and the amount of the available funds.

Plans were designed in-house and Final plans for the traffic signal upgrades are nearing completion. Plans at a 90 percent completion level have been submitted to the Oklahoma Department of Transportation (ODOT) with an understanding that plans are progressing toward a November 18, 2021 bid opening. Construction is anticipated to begin in the winter of

2022 with completion of the work expected in spring of 2022. The construction costs will be funded with 100% federal funds up to \$561,662 as a safety improvement project. The Federal Grant was capped because this was the last project selected and the amount of available funds were slightly less than the estimated construction costs. The project scope will be adjusted to offset any difference between the bid amount and the amount of the available funds.

DISCUSSION:

The Oklahoma Department of Transportation requires the City to execute a project agreement and to adopt it by resolution before letting the project to contract. The agreement addresses the responsibilities of the City and the Department during and after the construction of the project. Both the resolution and agreement have been reviewed by staff and approved by the City Attorney. A copy of this agreement is attached.

RECOMMENDATION:

Staff recommends approval of Contract K-2122-11 and Resolution R-2122-9 with ODOT for Traffic Signal Emergency Vehicle Pre-emption System Upgrades at various signalized intersections (Phase 2).