

Mayor and Council Communication

DATE: 11/05/19

M&C FILE NUMBER: M&C 19-0286

LOG NAME: 13PPROJECT MANAGEMENT ASSESSMENT FOR LED CONVERSION TPW SB

SUBJECT

Authorize an Agreement with Bean Electrical Inc., in an Amount Up to \$727,346.00 for an Initial Two-Year Term and Three One-Year Renewals in an Amount up to \$363,673 Annually and Authorize an Agreement with Citelum US, Inc., in an Amount Up To \$989,875.07 for an Initial Two-Year Term and Three One-Year Renewals in an Amount up to \$494,937.54 Annually for Project Management and Assessments for Street Light Installation Services and LED Conversion (COUNCIL DISTRICTS 2, 4, 5, 8 and 9)

RECOMMENDATION:

1. Authorize execution of an Agreement with Bean Electrical, Inc., in an amount not to exceed \$727,346.00 for an initial two year term for Project Management and Assessments and task order construction services for Street Light Installation and LED Conversions (Area 3) with three, one-year options to renew in the amount up to \$363,673.00 annually;
2. Authorize execution of an Agreement with Citelum US, Inc., in an amount not to exceed \$989,875.07 for an initial two year term for Project Management and Assessments and task order construction services for Street Light Installation and LED Conversions (Area 2) with three, one-year options to renew in the amount up to \$494,937.54 annually.

DISCUSSION:

As the City lighting system ages the need for lighting system infrastructure improvement becomes more urgent. The City currently maintains over 67,000 street lights for community convenience, safety and to assist emergency responders. Approval of this M&C will authorize the award of two contracts to facilitate street lighting upgrades in selected neighborhoods.

On August 29, 2017, the City authorized M&C P-12092 for the Street Light Energy Savings Pilot Program in Southeast Fort Worth bounded by IH-30 (North), East Loop 820 (East), IH-20 (South), and IH-35 (West). Southeast Fort Worth was selected for the pilot project after Staff worked with the State Energy Conservation Office and identified locations of highest energy consuming street lights in the City. The pilot project improved the lighting conditions and converted over 3,400 street lights to LED fixtures.

In a continuation of the work begun in the pilot project, Staff issued a Request For Proposals (RFP) for the Project Management and Assessments for Street Light Installation Services and LED Conversions based on an analysis completed in Fall 2018 of neighborhood lighting systems. The analysis included an evaluation of energy consumption, lighting conditions, and lighting uniformity.

BID ADVERTISEMENT –A Request for Proposals (RFP) was advertised in the Fort Worth Star-Telegram on Wednesday February 13, 2019, February 20, 2019, February 27, 2019, March 6, 2019, March 13, 2019, March 20, 2019, and March 27, 2019. The evaluation factors included company qualifications and experience, references, quality of proposer’s equipment and materials, project schedule, including team availability and cost. One hundred forty-one vendors were solicited from the purchasing vendor’s database system and sixteen non-registered vendors were solicited via email. Six responses were received and one response was deemed non-responsive. The proposals received were reviewed by an evaluation committee consisting of staff from the Transportation and Public Works Department and Economic Development Department. The evaluation committee recommends awarding contracts to Bean Electrical, Inc., and Citelum US, Inc.

RFP 19-0080

Bidders	Amount
Ameresco, Inc	\$7,638,584.65
Citelum US, Inc	\$3,496,662.36
Environmental Lighting Services	\$4,141,559.04
Highway Intelligent Traffic Solutions, Inc	\$4,217,263.20
Bean Electrical, Inc	\$2,876,606.32
Bean Electrical, Inc (Alternate Bid)	\$2,603,620.32
Engie	Not Qualified

The purpose of the Project Management and Assessments for Street Light Installation Services and LED Conversions project is to install new poles, arms, wires, and LED lights in residential neighborhoods. The project will also update City asset management and geospatial records with assessment and installation documentation for new street light assets.

The Project Management and Assessments for Street Light Installation Services and LED Conversions project divides the City into 4 distinct areas as follows:

Area	Description	# of Lights	# of Lights in 75% MMA
1	Loop 820, RR Tracks/Deen/IH-35W, Northside Drive, Jacksboro Highway/City Limit Line	1,038	964
2	Loop 820, Beach Street/City Limit/IH-30, Henderson, Northside Drive	1,018	786
3	City Limit Line, Randol Mill Road, Trinity Blvd, Precinct Line Road, Beach Street	931	188
4	IH-30, City Limit Line, E. Rosedale Street, Loop 820	702	297
	Total # of Lights	3,689	2,235

Initially Areas 2 and 3 are being awarded with this M&C as an outcome of proposal evaluations by an evaluation committee. After completion of Areas 2 and 3 the remaining Areas 1 and 4 are to be awarded by future Council Action to the successful bidders based on evaluated company performance of light assessments and installations.

M/WBE OFFICE – **Citelum US, Inc** is in compliance with the City's BDE Ordinance by committing to 7% MBE participation on this project. The City's MBE goal on this project is 7%. **Bean Electrical** is in compliance with the City's BDE Ordinance by committing to 7% MBE participation on this project. The City's MBE goal on this project is 7%.

AGREEMENT TERMS - Upon City Council's approval, these Agreements shall begin upon execution and expire two years from the date of execution.

RENEWAL OPTIONS - These Agreements may be renewed for three additional one-year terms at the City's option. This action does not require specific City Council approval provided that City Council has appropriated sufficient funds to satisfy the City's obligations during the renewal terms.

The 2018 Bond Program authorizes issuance of bonds for street lighting improvements for \$10,000,000.00.

Funds for this project are included in the 2018 Bond Program. Available resources within the General Fund will be used to provide interim financing until debt is issued. Once debt associated with the project is sold, bond proceeds will reimburse the General Fund in accordance with the statement expressing official Intent to Reimburse that was adopted as part of the ordinance canvassing the bond election (Ordinance No. 23209-05-2018).

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as appropriated, in the 2018 Bond Program Fund Street Lights programmable project. Prior to an expenditure being incurred, the Transportation & Public Works Department has the responsibility to validate the availability of funds.

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