

Salisbury City Council

Agenda Item Request Form



Please Select Submission Category: ☐ Public ☐ Council ☒ Manager ☐ Staff

Requested Council Meeting Date: 10/04/2022

Name of Group(s) or Individual(s) Making Request: Wendy Brindle, City Engineer

Name of Presenter(s): Wendy Brindle, City Engineer

Requested Agenda Item: Council to award ALS of North Carolina the Traffic Signal System Network Upgrade contract.

Description of Requested Agenda Item: A Surface Transportation Block Grant (STBG-DA) in the amount of \$343,000 federal, with an \$85,750 local match, was awarded to the City by the Cabarrus-Rowan MPO. The funds are administered to the City through an agreement with the North Carolina Department of Transportation (NCDOT). This project will support items such as upgrade of the servers, switches, software and CCTV cameras associated with the Traffic Signal System.

The City's current system was implemented in 2014, and the equipment referenced above has reached the end of its useful life and is insufficient to enable necessary software upgrades to allow proper management of the traffic signal system. The City will administer the project for the installation of the upgrades in accordance with NCDOT and federal requirements.

At the April 20, 2021 Council meeting the City Manager was authorized to execute an Agreement with NCDOT for Project HL-0005 with a total amount of \$428,750.

This project was advertised for bid in December 2021, with a bid date of February 3, 2022. No bids were received. The City presented a second opportunity to bid this project in August, 2022 with a bid date of September 22, 2022. ALS was the apparent lowest responsible responsive bidder at \$282,000. The 20% City portion will be \$56,400.

Staff is recommending that Council approve entering into a unit price contract with ALS for \$282,000 for Traffic Signal System Network Upgrades.

Attachments: ☒ Yes ☐ No

Fiscal Note: *(If fiscal note requires approval by finance department because item exceeds \$100,000 or is related to grant funds, please fill out signature blocks for finance at bottom of form and provide supporting documents)*

Grant funds and City funds were available in the FY22 budget and will be carried forward to FY23 to cover this project.

Action Requested of Council for Agenda Item: *(Please note if item includes an ordinance, resolution or petition)*

City Council to authorize the City Manager to enter into a unit price contract with ALS of North Carolina for \$282,000 for Traffic Signal System Network Upgrades.

Contact Information for Group or Individual:

Wendy Brindle, 704-638-5201, wbrin@salisburync.gov

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☒ **Consent Agenda** (item requires no discussion and will be voted on by Council or removed from the consent agenda to the regular agenda)

☐ **Regular Agenda** (item to be discussed and possibly voted on by Council)

FINANCE DEPARTMENT INFORMATION:

A handwritten signature in dark ink, appearing to read "M. O'Donoghue".

Finance Manager Signature

A handwritten signature in dark ink, appearing to read "Wendy Budd".

Department Head Signature

A handwritten signature in dark ink, appearing to read "S. Wade Funches".

Budget Manager Signature

*****All agenda items must be submitted at least 7 days before the requested Council meeting date*****

For Use in Clerk's Office Only

☐ **Approved**

☐ **Delayed**

☐ **Declined**

Reason:

AGREEMENT

This Agreement, made and entered into this _____ day of _____, 20__ by and between City of Salisbury, party of the first part, hereinafter designated as the Owner, and _____ of _____ County of the State of _____, party of the second part, hereinafter designated as the Contractor.

WITNESSETH: That the parties hereto, for the considerations contained herein, hereby mutually agree as follows:

ARTICLE I:

Under this Agreement and Contract, the Contractor shall construct the Project entitled:

Signal System Network Upgrades
Rowan County, City of Salisbury, NC

ARTICLE II:

In consideration of the payments to be made as hereinafter provided, the Contractor agrees, at his own sole cost and expense, to perform all the labor and services and to furnish all the labor and materials, plans and equipment necessary to complete, and to complete in good, substantial, workmanlike and approve manner, the work named under Article 1 hereof, within the time hereinafter specified and in accordance with the terms, conditions, and provisions of this Contract and with the instructions, orders, and directions of the Engineer made in accordance with this Contract.

ARTICLE III:

The Owner agrees to pay, and the Contractor agrees to accept as full compensation for all work done, and materials furnished, and for materials, equipment, and supplies sold, and also for all costs and expenses incurred, and loss or damages sustained by reason of action of the elements or growing out of the nature of the work, and for all risks of every description connected with the work, and for all expenses incurred by, or in consequence of, the suspension or discontinuance of the work as herein specified, and for faithfully completing the work and the whole thereof as herein provided, and for maintaining the work in good condition until the final payment is made, the price stipulated in the bid hereto attached.

The Owner shall pay to the Contractor for the performance of the Contract the amounts determined for the total number of each of the units of work in the attached Bid Proposal. The final payment shall be made for the actual number of units that are incorporated in or made necessary by the work covered by the Contract.

ARTICLE IV:

The following documents shall constitute integral parts of the Agreement, the whole to be collectively known and referred to as the Contract Documents or Contract: Invitation or Advertisement for Bids; Instructions to Bidders; Proposal; Bid Form; Agreement; North Carolina Department of Transportation Standard Specifications for Roads and Structures, (January 2018); City of Salisbury, North Carolina Uniform Construction Standards; Special Provisions; Contract Drawings and all interpretations of or addenda to the Contract Documents issued by the Engineer with the approval of the Owner.

The Table of Contents, Headings and Titles contained herein and in said documents are solely to facilitate reference to various provisions of the Contract Documents and in no way affect, limit, or cast light on the interpretations on the provisions to which they refer.

IN WITNESS WHEREOF, the parties to this Agreement have hereunto set their hands and seals and have executed this Agreement, the day and year first above written.

(Seal)
Attest:

City of Salisbury
Owner

By: _____

Title: _____
City Manager

(Seal)
Attest:

Contractor

By: _____

Title: _____

ADDENDUM 1 - Updated Bid Form
(Substitute for pages 112-113)

BID FORM

SECTION NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	AMOUNT BID
800	Mobilization	LS	1	5,500.00	5,500.00
Traffic Communication Equipment Replacement					
1732	High Speed IP/Ethernet Datalink Transceiver	EA	2	5,000.00	10,000.00
SP-2 (b)	Traffic Monitoring System	EA	1	4,000.00	4,000.00
CCTV Camera Upgrade					
SP-2(c)	8 MP PTZ (point-Tilt-Zoom) Pendant Mount Cameras	EA	10	5,600.00	56,000.00
SP-2(c)	Fiberglass, Weatherproof, Vented NEMA Enclosure	EA	6	2,500.00	15,000.00
SP-2(c)	Power System and Media Converter	EA	10	2,000.00	20,000.00
SP-2(c)	Cat 5e Outdoor Cable	LF	1000	2.25	2,250.00
1098	New Electrical Service	EA	6	3,200.00	19,200.00
1400	5/8" x 10' Grounding Electrode	EA	12	275.00	3,300.00

1716	Standard Size Junction Box (16"x10"x10")	EA	6	650.00	3,900.00
1715	Unpaved Trenching (one 2" PVC)	LF	90	30.00	2,700.00
1715	Tracer Wire (include with fiber or telecom.)	LF	710	1.50	1,065.00
1722	2" Riser with Heat Shrink Tubing (for fiber or telecom.)	EA	12	850.00	10,200.00
1722	Heat Shrink Tubing Retrofit Kit	EA	4	140.00	560.00
1730	Fiber Optical Drop Cable	LF	2750	3.50	9,625.00
1731	Modify Splice Enclosure	EA	75	1,250.00	93,750.00
1734	Remove Existing Communication Cable	LF	1190	1.00	1,190.00
1710	Messenger Cable	LF	1500	3.60	5,400.00
1731	Fiber optic splice enclosure with integrated organizer system	EA	1	2,300.00	2,300.00
1731	LC to ST Fiber Patch/Jumper Cable	EA	16	70.00	1,120.00
1721	Guy Assembly	EA	6	900.00	5,400.00
1101	General Traffic Control Requirements	LS	1	7,540.00	7,540.00

TOTAL AMOUNT BID FOR ENTIRE PROJECT

\$ 282,000.00