

City of Fayetteville Staff Review Form

2018-0448

Legistar File ID

9/18/2018

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Jesse Beeks/Sara Glenn

8/15/2018

FLEET OPERATIONS (770)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

A resolution to authorize an agreement with EZ Fuel, of Buford, GA, pursuant to the Sourcwell Contract, for the fuel station improvement project in the amount of \$135,997.31 with a 10% project contingency.

Budget Impact:

9700.770.1920-5801.00

Shop Improvements

Account Number

Fund

12007.1

Shop Improvements

Project Number

Project Title

Budgeted Item? Yes

Current Budget \$ 159,320.00

Funds Obligated \$ -

Current Balance \$ 159,320.00

Does item have a cost? Yes

Item Cost \$ 135,997.31

Budget Adjustment Attached? No

Budget Adjustment

Remaining Budget \$ 23,322.69

V20180321

Purchase Order Number:

Previous Ordinance or Resolution #

Change Order Number:

Approval Date:

Original Contract Number:

Comments:



MEETING OF SEPTEMBER 18, 2018

TO: Mayor and City Council

THRU: Terry Gulley, Director of Transportation

FROM: Jesse Beeks, Fleet Operations Superintendent

DATE: August 15, 2018

SUBJECT: Fuel Station Improvement Project

RECOMMENDATION:

A resolution to authorize an agreement with EZ Fuel, of Buford, GA, pursuant to the Sourcewell Contract, for the fuel station improvement project in the amount of \$135,997.31 with a 10% project contingency.

BACKGROUND:

Currently at the Fleet shop there is a 6,000 gallon unleaded fuel tank purchased in 2007. At the time of the purchase the city had many vehicles that required diesel fuel. For that reason, we have ample diesel fuel storage. The City has been moving to more unleaded fueled vehicles and need larger storage capacity.

With new emission regulations more diesel vehicles are required to have Diesel Exhaust Fluid (DEF) each year. Currently Fleet has a small hatch in the side of the shop with a hose for the DEF fluid. This is cumbersome for the drivers who must fuel at the station and then drive around the building to get DEF fluid. This is also cumbersome for Fleet staff as the vehicles waiting to get fluid block work bays.

When the fuel station was set up at Fleet, the two fuel dispensers were purchased used. They are now having mechanical issues frequently, causing disruptions in service to the user departments.

DISCUSSION:

Fleet recommends exchanging the current 6,000 gallon above ground tank for a 10,000 gallon tank.

Fleet recommends the purchase of a Tote Cabinet that can be placed at the fueling station to house the DEF fluid. This will make fueling an easier process for operators, give Fleet staff more open areas and allow Fleet to meter the DEF fluid for better reporting.

Fleet recommends replacing the two dispensers at the Fleet site and one dispenser at Police Department's site with a digital system that will work with up to date software.

EZ Fuel can provide all the above-mentioned items pursuant to the Sourcewell Contract in the amount of \$135,997.31 with a \$20,000.00 contingency.

BUDGET/STAFF IMPACT:

Sufficient funds have been budgeted for these purchases.

Attachments:

Sourcewell Contract Price Sheet



August 23, 2018

EZ Fuel/Blue1USA NJPA Contract #040215-PGE

Mrs. Sara Glenn
City of Fayetteville
1525 S. Happy Hollow Road
Fayetteville, AR 72701

We take pride in engineering our systems with the highest quality components that are designed for the demanding commercial fueling market. Our products and services are all available through Sourcewell (formally NJPA) contract #040215-PGE

Site: 1525 S. Happy Hollow Road

#EZ-10,000FS 10,000 Gallon UL 142 Flameshield System-Gasoline:

- One double-wall UL142 aboveground storage tank 96" Dia x 27'L
- Heavy-duty polyurethane primer and high-gloss white finish
- Installed compartments 24" manway, 8" emergency vent (Morrison Brothers 244M), 8" Interstitial vent (MB 244M), gas working vent (MB 794)
- Installed Red Jacket 3/4HP submersible pump (410140-022), Mechanical line leak detector (116-058-5), Isotrol Control box (880-047-1) 2" ball valve (MB 691), Solenoid valve (MB710-220V), emergency valve (MB 346)
- Automatic overfill shutoff valve (MB 9095)
- Morrison clock gauge (MB 818), Interstitial leak gauge (Krueger At-A-Glance)
- Two (2) steel lifting lugs, rebar style observation ladder
- One spare opening each (2", 4")

Notes: Reuse existing Fuelmaster fuel management, fill box, reuse Veeder Root probe, reuse existing power and communications wiring, see attached install matrix

Wayne Dispensers:

- Two twin hose one product 3/G7242D/2GJK/K/H 22gpm ELECTRONIC remote dispenser, internal filter, dual pulse output
- Installed two (2) Goodyear 3/4" x 10' hose, 3/4" OPW automatic nozzle, 3/4" Catlow breakaway and swivel gasoline
- Installed two (2) Goodyear 1" x 10' hose, 1" OPW automatic nozzle, 1" Catlow breakaway and swivel diesel

Notes: Reuse existing Fuelmaster fuel management, power and communications wiring, all work above shear valve, see attached install matrix

#TC-DIST Blue1USA Single Tote Cabinet with Integrated Dispenser:

- 48"W x 96"L x 89"H with integrated fork lift slots
- Pre-wired electrical components meet UL-508A and CSA C22.2 standards
- Conforms to ISO 22241-3,4 standards
- NEMA 2 rated electrical panel
- NEMA 4 110VAC 30amp disconnect with earth ground required
- Weatherproof, insulated housing, doors and roof
- Lockable double doors
- Fork list compatible composite frame
- Card reader 100:1 pulse output
- 110VAC continuous duty rated DEF pump
- Leak-proof fittings & BSPP connections
- Thermostatically controlled heater
- OPT-DISP SS dispenser with gallons/totalizer LCD display
- OPW Elaflex nozzle with miss fill prevention, OPW swivel breakaway, 20' spring rewind reel
- 5' Suction hose and Micro-Matic coupler
- 1Micron product filter

Notes: Tote and DEF chemical not included. City of Fayetteville supplies tote and fluid, see attached install matrix

Notes: Reuse existing Fuelmaster fuel management, power and communications wiring, see attached install matrix



Site: Church Street "up town"

#Wayne Dispensers:

- One single hose one product suction pump 3/G7201P/2HJ/JW/H/J 22gpm ELECTRONIC dispenser, internal filter, pulse output, hose mast
- Installed one (1) Goodyear 3/4" x 10' hose, 3/4" OPW automatic nozzle, 3/4" Catlow breakaway and swivel gasoline

Notes: Reuse existing Fuelmaster fuel management, power and communications wiring, all work above shear valve, see attached install matrix

Pricing Breakdown:

Quantity	Part#	Description	Price Each	Extended Price
1	EZ-10,000FS	10,000 Gallon, UL-142, Flameshield tank	\$ 37,948.00	\$ 37,948.00
2	EZ-Wayne	Electronic Twin hose single product dispensers	\$ 6,985.00	\$ 13,970.00
1	Tote-Disp	Tote cabinet with integrated dispenser	\$ 11,109.00	\$ 11,109.00
1	EZ-HRS	Labor and materials to complete scope of work listed on matrix dated 8-9-2018	\$ 51,312.00	\$ 51,312.00
1	EZ Wayne	Electronic Single hose single product suction pump	\$ 5,128.00	\$ 5,128.00
1	EZ HRS	Labor and materials to complete scope of work listed on matrix dated 8-9-2018	\$ 2,650.00	\$ 2,650.00
1	SUBTOTAL	Subtotal equipment and labor		\$ 121,876.00
1	SALES TAX	Washington County 9.75% Sales tax		\$ 11,882.91
	SUBTOTAL	Subtotal equipment, labor and tax		\$ 133,758.91
1	FREIGHT	Freight for one 10K AST, three Wayne dispensers		\$ 1,997.40
		GRAND TOTAL		\$ 135,997.31

Standard EZ Fuel/Blue1USA/NJPA terms and conditions apply. AST FOB factory. Pricing does not include any applicable sales tax or freight. Any applicable sales tax and freight will be added to final invoice. AST will come with factory shop drawings for permitting purposes. Proposal does not include any stamped engineered drawings of tank, engineered electrical, engineered concrete, engineered site plan etc.

Quoted prices are being honored for 30 days with the additional caveat, "material prices are subject to adjustment, without mark up, based on increases occurring between the time of this quote and receipt of order."

Puregreen Equipment/ DBA EZ Fuel-Blue1USA

AGREED, City of Fayetteville, AR

Adam Polak
Printed Name

[Signature]
Signature

VP, Operations 8/23/18
Title Date

Printed Name

Signature

Title Date

EZ Fuel -City of Fayetteville, AR

Location: 1525 S. Happy Hollow Road Date: 8-9-2018

Description	City of Fayetteville	Hooten	EZ Fuel
EQUIPMENT			
Supply AST System. One 10,000 gallon Flameshield AST, Red Jacket 1/3HP submersible pump, 2" ball valve, 2" solenoid valve, 2" emergency valve, Morrison overfill valve and swing check valve			x
Supply One twin hose Gasboy electronic 22GPM for gas and one two hose 36GMP diesel dispenser. New 3/4" x 10' hoses, swivel breakaways and automatic nozzles for gas and 1" same for diesel			x
Reuse existing Fuelmaster fuel management console	x		
SITE WORK			
Obtain all local and state AST Permits (as required) & any applicable. Provide copies of all permits to EZ Fuel before any site work begins.		x	
Assist in AR registration paperwork. Must be submitted by owner.		x	
Filing of AR paperwork with state	x		
Perform any testing of equipment that may be required by local or state agencies (pressure test for example)		x	
Supply 2" piping to install STP and accessories to existing City of Fayetteville trunk line		x	
Supply additional piping to connect existing fill box to new 10,000 gallon new tank. New overfill valve and swing check valve will need to be installed.		x	
ELECTRICAL + CONDUITS *All installations to comply with NFPA 30, 30A and NEC code			
Disconnect existing conduit and power wiring, install additional new conduit and wire for new tank		x	
It is assumed City of Fayetteville existing electrical for AST's, dispensers and fuel management is up to code.		x	
Remove two existing mechanical dispensers and install new electronic dispensers. I will be assumed all work will be above shear valve. No repairs to existing City of Fayetteville sumps, electrical are included.		x	
Confirm proper circuit breakers are being used		x	
INSTALLATION & START-UP			
All work performed must comply with NFPA 30, 30A, NEC, and other applicable code.		x	
Provide qualified technician to complete system start-up.		x	
Obtain all local and state AST Permits (as required) & any applicable AST Registration.		x	
Coordinate all required inspections by local jurisdiction.		x	
Install any existing tank monitor onto new tank		x	
Provide Crane		x	
Coordinate (with EZ Fuel, City of Fayetteville, Hooten) Crane and set tank.	x	x	x
Check all piping, fittings, & unions for leaks. Tighten where necessary.		x	
Purchase and Order fluid for all tanks	x		
Coordinate initial fuel delivery. Technician MUST be on site during delivery to check for leaks. All piping and unions should be tightened before.	x	x	x
Calibrate Clock Gauge and alarm on AST		x	
Install working vent (EZ Fuel supplied).		x	
Test and Calibrate STP and dispenser(s).		x	
Test and start up Card Reader		x	
Troubleshoot all wiring, communication and start-up issues to completion.		x	
Test Emergency Shut-off.		x	
Touch up all nicks, scratches, and exposed threading as best possible.		x	
Train Local personnel. Checklist must be signed by Terminal Manager.		x	
Clean fuel island area of all debris.		x	
Take digital photos of completed project from all angles (10 photos minimum) and email to cmtchell@blue1usa.com		x	
Provide copies of all local and state final sign off documents for project		x	
DEF TOTE CABINET INSTALLATION & START-UP			
Provide one Blue1USA tote cabinet with built in dispenser- electro mechanical pulse output 48"w x 96"h x 87"h			x
Obtain all local and state AST Permits (as required) & any applicable AST Registration.		x	
Unload with fork lift and set tote cabinet on level pad. Protect with two bollards at end of tote cabinet		x	
Run conduit and wire 110VAC 20 amp service to J box on outside of cabinet. Pull authorization and pulse wiring from Gasboy Islander to tote cabinet		x	
Load City of Fayetteville supplied tote	x	x	
Train Local personnel. Checklist must be signed by Terminal Manager.		x	
Clean fuel island area of all debris.		x	
Take digital photos of completed project from all angles (10 photos minimum) and email to cmtchell@blue1usa.com		x	
Provide copies of all local and state final sign off documents for project		x	

EZ Fuel -City of Fayetteville, AR			
Location: Church Street "up town" Date: 8-9-2018			
Description	City of Fayetteville	Hooten	EZ Fuel
EQUIPMENT			
Supply One electronic single hose suction pump. New 3/4" x 10' hoses, swivel breakaways and automatic nozzles			x
Reuse existing Fuelmaster fuel management console	x		
SITE WORK			
Remove existing mechanical dispenser and replace with new Wayne electronic dispenser		x	
All work will be above shear valve		x	
ELECTRICAL + CONDUITS *All installations to comply with NFPA 30, 30A and NEC code			
Disconnect existing conduit and power wiring		x	
It is assumed City of Fayetteville existing electrical for dispensers and fuel management is up to code.		x	
Remove one existing mechanical dispensers and install new electronic dispensers. I will be assumed all work will be above shear valve. No repairs to existing City of Fayetteville sumps, electrical are included.		x	
Confirm proper circuit breakers are being used		x	
INSTALLATION & START-UP			
All work performed must comply with NFPA 30, 30A, NEC, and other applicable code.		x	
Provide qualified technician to complete system start-up.		x	
No permits are included, working with existing electrical with no modifications. Any permits will be billed cost plus	x		
Check all piping, fittings, & unions for leaks. Tighten where necessary.		x	
Test and Calibrate dispenser(s).		x	
Test Card Reader communications	x	x	
Train Local personnel. Checklist must be signed by Terminal Manager.		x	
Clean fuel island area of all debris.		x	
Take digital photos of completed project from all angles (10 photos minimum) and email to cmitchell@blue1usa.com		x	