



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Change Order #1 Geneva Fuel System Upgrades		
Presenter & Title:	Nate Landers, Superintendent of Streets and Fleets		
Date:	February 20, 2024		
Please Check Appropriate Box:			
<input type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: EMS-II			
Estimated Cost: \$49,000	Budgeted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>If "Other Funding," please explain how the item will be funded:</i>			
Executive Summary:			
<p>The City Council previously approved Resolution 2023-110 authorizing a contract with Petroleum Technologies Equipment (PTE) not to exceed \$291,500 for the removal and replacement of the fuel dispensing system located at Public Works. The original RFP and corresponding proposal included an alternate option for a weather protecting canopy to cover the equipment, vehicles and staff from inclement weather while dispensing fuel. This canopy includes direct lighting for night operations. The additional cost for the metal canopy is \$49,000. The current contract includes the installation of the foundations for the canopy, but the canopy itself was not included to ensure budgetary compliance. With the conclusion of other projects, there remains funding available for the installation of the canopy subject to City Council approval.</p>			
Attachments: (please list)			
<ul style="list-style-type: none"> • Resolution 			
Voting Requirements:			
<p><i>This motion requires a simple majority of affirmative votes for passage. (City Council Only)</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the alderpersons has resulted in a tie; (b) when one half of the alderpersons elected have voted in favor of an ordinance, resolution, or motion even though there is no tie vote; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: (how the item should be listed on agenda)			
<p>Recommend Approval of Resolution Authorizing the City Administrator to Execute Change Order #1 with Petroleum Technologies Equipment for the Installation of the Optional Canopy for the Fuel Dispensing System.</p>			

RESOLUTION NO. 2024-30

RESOLUTION AUTHORIZING EXECUTION OF CHANGE ORDER NUMBER ONE FOR THE FUEL DISPENSING SYSTEM CONSTRUCTION SERVICES CONTRACT

WHEREAS, the City Council of the City of Geneva, Kane County, Illinois passed Resolution 2023-110 authorizing execution of a contract with Petroleum Technologies Equipment (the “Contractor) that exceeded \$10,000; and

WHEREAS, pursuant to the terms of the Contract the Contractor agreed to complete the Construction of the Fuel Dispensing System at a cost not to exceed \$291,500; and

WHEREAS, the scope of services to be provided by the Contractor needs to be increased, necessitating a contract modification.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Geneva, Kane County, Illinois, as follows:

SECTION 1: Pursuant to 720 ILCS 5/33E-9, Change Orders, the City Council finds (1) the circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the Contract was entered; and (2) the change is germane to the original Contract as signed, and (3) the change order is in the best interest of the City.

SECTION 2: That the City Administrator is authorized to execute these Contract Modifications at Exhibit A increasing the contract to the amount of \$340,500.

SECTION 3: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this 20th day of February, 2024.

AYES: ___ NAYS: ___ ABSENT: ___ ABSTAINING: ___ HOLDING OFFICE: ___

APPROVED by me this 20th day of February, 2024.

Mayor

ATTEST:

City Clerk



8447 W. 44th Place, Lyons, Illinois 60534 Ph (708) 579-9189 Petrotech65@comcast.net www.petroleum-technology.com

September 26, 2023

City of Geneva Public Works Department

Fuel System Upgrades

Refined Scope of Work

UST Removal and Demo

Two 10,000 gallon FRP UST'S, one diesel, one gasoline

- OFSM Required Permits
- Notify JULIE for locations
- Schedule Fire Marshall inspections
- Pump and dispose of liquids (500 gallons) include unit pricing for gallons pumped and truck time
- Pump and dispose of any water
- Defume Tanks
- Remove and dispose of concrete over tanks, piping and island area
- Excavate, remove tanks, piping, dispensers, manholes, accessories
- Haul and dispose of fiberglass tanks
- Furnish certificate of tanks destruction
- Complete OSFM required environmental site assessment including all required soil samples, analytical testing, result submittals to OSFM
- Place backfill in excavation
- Fill in tank well with clean crushed stone compacted to grade (approx. 180 tons).

Total scope for Phase I..... \$29,000.00

Phase II – If Necessary

IEPA Early Action Environmental work if LUST incident is received after site investigation results are complete

- IEPA 20-45 day report, IEPA reimbursement claim, Btex, Pna per sample reports
- Environmental geologist for excavation oversight Per our
- All required soil samples and testing for early action site work

- Excavate, haul and dispose of 760 tons of IEPA early action soil for two 10,000- gallon UST's per IEPA limit
- Include machine, operator, labor
- Provide CA-6 and compact 760 tons of clean crushed stone compacted to grade
- Corrective Action report
- All county required reports

Total scope for Phase II..... \$85,000.00

Phase III – Above Ground Storage Tank Installation

All equipment quoted will be installed as per the most current regulations of the Fire Marshall

- OSFM permit for fuel system installations
- Mobilization of crew and equipment
- Excavate conduit trench from tank to building. Dispose of soils as necessary
- Perform underground conduit installation from building
- Electric
 - Install Fuel system underground conduits from existing power panel at building
 - ¾" conduits for power, low voltage veeder root and fuel management communication
 - Estops at tank and building
- Pipe Sleeves
 - Install (2) 4" PVC pipe sleeves from AST to new fuel island area for fuel piping
 - Backfill trenches with new stone
 - Grade work area and prep for AST and fuel island concrete
- Concrete
 - Form and pour concrete @ 8 " thick wire and fibermesh reinforced
 - Aboveground tank slab" 19' wide x 34' long
 - Install bollards 4 ½' on center
 - Ship tank and equipment
 - Furnish crane to offload and set tank onto concrete slab
- Tank
 - Furnish (1) 12,000 gallon tank with (1) 8000 gallon compartment and (1) 4000 gallon compartment –UL 142- Double Wall Steel Tank
 - Tank will have :
 - White epoxy paint
 - 6" primary E-vent
 - 6" secondary E-vent
 - Standard vents
 - Remote spill containment boxes with lockable aluminum lid

- Overfill prevention valve
 - All applicable Stickers/placards
- Install dispensers and related equipment
 - (2) Bennett brand dual hose electronic display commercial fuel suction dispensers
 - Stainless steel panel and frame
 - (4) model 871 hi-hose retractor
 - (4) hose, nozzle, breakaway & hose retractors
- Install fuel piping at tank area
 - 1.5" steel pipe
 - 1.5" anti-siphon valve
 - Expansion relief fitting
 - 1.5" under dispenser emergency valve
 - (2) 1.5 hp FE Petro submersible pumps
 - (2) submersible pump controllers
 - (2) ball valves
 - Run double wall product piping from tanks to island locations
 - Pull new pipe through underground sleeves to island. Seal sleeves around pipe with link seal
- Piping (underground)
 - 1.5" double wall omegaflex Dualoy brand flexible pipe, Two APT dispenser boxes
 - Stainless steel end fittings
- Tank gauge leak detection
 - Reuse existing veeder root console
 - (2) in-tank level probes with diesel & unleaded fuel float kits
 - (1) tank interstitial sensor
 - Install and wire fuel management system
- Fuel management system
 - OPW PV 200 Pro Fuel Management System on 48" pedestal
 - PV pro Base system complete with DX fleet subscription
 - 1 PV200 Fuel Island Terminal (FIT)
 - External Fuel Site Controller (FSC), and SQL Lite Pc Based software
 - Factory direct startup fee
 - Perform electric work for new system
- Electric
 - Install aboveground steel conduits at tanks
 - Furnish & install (electric and low voltage) aboveground at tank
 - Tank grounding, and e-stop switches
 - Pull wires for power & low voltage communication
 - Make connection terminations for Veeder root console, tank pump, and dispenser power4(1) Island light
- Fuel Island/Pad
 - Concrete fuel apron size 32'x34'

- Form island for dispenser units
- Install bollards filled with concrete and covered with yellow sleeves
- Take delivery of owner furnished fuel
- Purge fuel lines of air
- Calibrate systems
- Perform start up and training of equipment
- Furnish and install required signage
- Arrange for inspections
- One light pole -LED igt with concrete base

Total scope Phase III..... \$219,000.00

Option: One 30'x40' two column canopy with six LED lights
Add an additional.....\$49,000.00

Option: Two concrete canopy piers @ \$8,500.00 each
Add an additional..... \$17,000.00

Petroleum Technologies Equipment

Thomas Doherty

Signature of Acceptance

Date