

**IFB No. 100314-FY11-02  
LEESBURG CENTRAL MAINTENANCE FACILITY  
FUEL ISLAND UPGRADE**

**ADDENDUM NO. 5  
May 27, 2011**

NOTE #1: Response to unanswered question from Addendum 3.

Q: What type of fire extinguisher system, shown under the canopy, is to be installed and who designs that?

A: See Sheet M001, note 43. This note gives a basis of design and requires the manufacturer engineer to design the system. See Add Alternative B for additional instructions (updated bid form is attached).

NOTE #2 previously issued in Addendum No. 4, dated May 25, 2011, on page 2, is replaced with the following updated NOTE #2:

NOTE #2: In awarding this contract, the Town will first consider the base bid plus Alternate A and B. If funding is available, the Town will award to the lowest responsive, responsible bidder at this level. Should the base plus both alternates exceed funding the Town will consider the Base bid plus Alternate A. If funding is available, the Town will award to the lowest responsive, responsible bidder at this level. Should the base plus Alternate A exceed funding; the Town will consider the Base bid only.

Responses to questions received prior to the May 25<sup>th</sup> deadline are provided below.

1. Q: On drawing C006 it appears that the ends of the island form, 6" bollards, and drain pipe all line up on top of each other, can you look at this and advise if this is to stay or will you move the trench drain or the islands?

A: These drawings have been updated and are attached. Refer to Addendum 5, Sheet C006 for updated plan view and concrete detail, Sheet C010, Sheet C011 for updated profiles and Sheet C012 for updated slot drain details.

2. Q: Reviewing the oil/water separator, there does not appear to be any vent lines showing either coming off the tank or lines. Tanks are recommended to be vented. Will also need a location where the vent line will terminate. There are no riser pipes shown coming from the tank top, do you want a pipe and a manhole to gauge the tank in the future?

A: A replacement detail for the oil/water separator has been added to Sheet C010, included in Addendum 4. The detail shows typical construction for the vents and manhole. Manhole should be included with the installation.

3. Q: On the outside of the drains, do you want asphalt or concrete to butt against the outside edge?

**A: Concrete. Refer to updated plan on Sheet C006 and detail on Sheet C010.**

4. Q: On the 2 tank vent lines, can we support the vent lines off the canopy columns? Do you have any certain grommet or fitting that you want to use when drilling holes in the new canopy decking to make it water tight the outside of the drains, do you want asphalt or concrete to butt against the outside edge?

**A: See Addendum No. 4, Sheet A350 for vent location and vent through roof detail. Exact location to be reviewed during submittal submission.**

5. Q: Drawing A350 shows cast Iron pipe between the canopy drain down spouts and the trench drain connection, can we use sch 40 PVC pipe instead?

**A: Schedule 40 PVC is acceptable.**

6. Q: On the fire suppression system, there is a emergency pull box station, where do you want this located, next to the shed or by the building, need to know for this will require additional material.

**A: The pull stations should be located as follow: one on column 1A and one on column 3A. Refer to Sheet E002 and Sheet M001.**

7. Q: Drawing S101 indicates the Stainless Steel Island form is to be 12 feet wide x 51'-2" long. Is the depth of the form to be 2 feet. Standard island forms come either 9" high or 13" high, this would be a special order. Can we go with the 13" high island form?

**A: 13-inch island form is fine. The bottom 11" can be cast against earth. Contractor to follow requirements of bid documents. See Sheet E002 and Sheet E100**

**BID FORM – BASE BID (Updated 05-27-2011)**

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<i>Miscellaneous</i>				
1	Mobilization / Demobilization	LS	1		
2	Construction Survey	LS	1		
	<b>Sub-Total Miscellaneous</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<i>Erosion &amp; Sediment Controls</i>				
3	Safety Fence Complete in Place Incl. Maintenance & Removal	LF	328		
4	Inlet Protection Complete in Place Incl. Maintenance & Removal	EA	2		
5	Silt Fence Complete in Place Incl. Maintenance & Removal (as directed by Loudoun County E&S Field Inspector)	LF	200		
	<b>Sub-Total Erosion &amp; Sediment Controls</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<i>Demolition / Removal</i>				
6	Remove existing UST fuel tanks to include tanks / pumps / concrete pad / concrete island / concrete wall enclosure, existing manhole / 12-inch DIP / connections and all incidentals related thereto. Note that no on-site stockpiling of materials is allowed and the contractor is responsible for removal and disposal of any in-situ soils to an approved dump site.	LS	1		
	<b>Sub-Total Demolition / Removal</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<i>Fuel Island</i>				
7	Installation of fuel island to include tanks / pumps / appurtenances complete in place / concrete pad / concrete island / asphalt resurfacing / Contech slotted trench drains, and all incidental items related thereto; all to be complete in place.	LS	1		
	<b>Sub-Total Fuel Island</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Canopy</b>				
8	Installation of canopy to include canopy / lighting / appurtenances and all incidentals related thereto; all to be complete in place	LS	1		
	<b>Sub-Total Canopy</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Storm Sewer and BMP</b>				
9	Installation of storm sewer and BMP to include storm sewer pipe / Contech StormFilter BMP structure / appurtenances / connections to include canopy / downspouts / appurtenances and all incidentals related thereto; all to be complete in place	LS	1		
	<b>Sub-Total Storm Sewer and BMP</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Oil/Water Separator</b>				
10	Installation of oil/water separator to include Underground Containment Solutions 1,000 gallon oil/water separator or approved equivalent / DIP / SS- 36manhole / appurtenances, connections and all incidental items related thereto; all to be complete in place	LS	1		
	<b>Sub-Total Oil/Water Separator</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Conduits</b>				
11	Compressed air / appurtenances complete in place	LF	235		
12	Electrical / appurtenances complete in place	LF	215		
13	Communications / appurtenances complete in place	LF	205		
	<b>Sub-Total Conduits</b>				

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Contaminated Soil Removal and Disposal (if required)</b>				
14	Excavation, removal, transport and proper disposal of contaminated soils at an approved dump site. Removal will be at the direction of the engineer (RK&K).	CY	25		
	<b>Sub-Total Contaminated Soil Removal (if required)</b>				

	<b>Base Bid (Items 1 to 14) Total</b>				
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ADD ALTERNATE (Updated 05-25-2011)

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Fleet Management Software</b>				
A	Faster Asset Solutions by CCG (See page 111460-15 and 111460-16 of Project Manual)	LS	1		
	<b>Sub-Total Fleet Management System</b>				

	<b>Add Alternate (Item A) Total</b>				
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ADD ALTERNATE (Updated 05-27-2011)

Ref.	DESCRIPTION	Units	Qty.	Unit Price	Extension
	<b>Fire Suppression System</b>				
B	Fire Suppression System (See page 111460-11 through 111460-13, 111460-18 and 13120-8 of Project Manual and Plan Sheets A700, M001, E100)	LS	1		
	<b>Sub-Total Fire Suppression System</b>				

	<b>Add Alternate (Item B) Total</b>				
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END OF SECTION

## CONTRACT ITEMS OF WORK (BASE BID)

### **Sequence of Construction:**

- 1- Demolition of existing concrete pad, adjacent concrete wall and pad, appurtenant structures, and removal of underground storage tanks, fittings, appurtenances, etc.
- 2- Installation of above ground storage tanks, forming of concrete pad and island.
- 3- Installation of trench drains, stormwater BMP structure, oil/water separator, and associated sewer connections.
- 4- Fuel dispenser installation, canopy erection, and utility connectivity to building.
- 5- All incidentals related thereto.
- 6- Start up all equipment, clean up job site, perform final checklist with owner/customer and train Town Personnel on running new equipment.

### **Miscellaneous:**

This item is to include mobilization, construction survey, removal and responsible disposal of on-site generated waste, and all incidentals thereto.

### **Erosion and Sediment Controls:**

This item is to include installation of the safety fence, complete and in place (including removal); inlet protection complete and in place (including removal), and the placement of silt fence as directed by Loudoun County E&S Field Inspector; and all erosion and sediment control incidentals thereto.

### **Demolition / Removal:**

This item is to include asphalt demolition; concrete pad/island demolitions; concrete wall and concreted pad demolition; excavation; underground storage tank removal including all appurtenances, connections, etc.; underground existing fuel island connections, including all appurtenances, connections, etc.; back-filling operations, removal and responsible disposal of on-site generated waste; and all incidentals related thereto. Note: No excavated materials to be stored on-site. All excavated soils will be transported to an approved dump site. Contractor to coordinate UST Closure with Engineer (Rummel, Klepper & Kahl, LLP) and the Town of Leesburg.

### **Fuel Island:**

This item is to include the installation of the concrete pad and associated appurtenances, complete and in place; installation of the concrete fuel island and associated appurtenances all complete in place, above ground storage tank installation with fuel dispensers and appropriate connections and appurtenances, complete and in place; asphalt resurface as necessary; Contech slotted trench drains, connections to BMP and oil/water separator, all items complete in place; and all incidental items related thereto. Contractor is responsible for removal and responsible/proper disposal of on-site generated waste.

### **Canopy:**

This item is to include the installation of the canopy; lighting; appurtenances complete and in place and all incidental items related thereto. Contractor is responsible for removal and

### **Storm Sewer and BMP:**

This item is to include the installation of the storm sewer and BMP; storm sewer pipe/ Contech Storm Filter BMP structure; connections to canopy downspouts; all associated appurtenances, all items complete in place; and all incidental items related thereto. Contractor is responsible for removal and responsible/proper disposal of on-site generated waste.

**Oil/Water Separator:**

This item is to include the installation of the 1,000 gallon Underground Containment Solutions (or approved equivalent) oil/water separator, connection pipes, SS-36 manhole and all associated appurtenances; all complete and in-places; and all incidental items thereto. Contractor is responsible for removal and responsible/proper disposal of on-site generated waste.

**Conduits:**

This item is to include the installation the compressed air, associated appurtenances and incidental items thereto; electrical lines, associated appurtenances and incidental items thereto; communication lines, associated appurtenances and incidental items thereto; asphalt demolition, trenching and replacement and all incidental items thereto; all complete in place. Contractor is responsible for removal and responsible/proper disposal of on-site generated waste.

**Contaminated Soil Removal and Disposal (if required)**

If contaminated soils are present, this item is to include the excavation, removal, transport and dumping of the contaminated soil at an approved dump site. The contractor will coordinate the UST removal and closure plan with the Engineer (RK&K) and the removal of contaminated soils will be at the direction of the Engineer. The Engineer will be on-site and will collect up to 8 samples for testing

**Permits:**

This item is to include permit coordination. The Town of Leesburg can apply for the building permit(s), however the contractor is to pick up the permit(s) and transfer them to his name and assign all sub-consultants to the applicable permits.

**CONTRACT ITEMS OF WORK (ADD ALTERNATE A)****Fleet Management System:**

This item is to include the purchase, installation and training for a Fleet Management Software system, based on the requirements outlined in the Project Manual, pages 111460-15 and 111460-16. The system identified is the Faster Asset Solutions by ACG. This item is considered **an add alternate**.

**CONTRACT ITEMS OF WORK (ADD ALTERNATE B)****Fire Suppression System:**

This item is to include the purchase, installation and training for a dry chemical fire suppression system based on the requirements outlined in the Project Manual, pages 111460-11 through 111460-13, 111460-18 and 13120-8 and Plan Sheets A700, M001, and E100. This item is considered **an add alternate**.

In awarding this contract, the Town will first consider the base bid plus Alternate A and B. If funding is available, the Town will award to the lowest responsive, responsible bidder at this level. Should the base plus both alternates exceed funding the Town will consider the Base bid plus Alternate A. If funding is available, the Town will award to the lowest responsive, responsible bidder at this level. Should the base plus Alternate A exceed funding; the Town will consider the Base bid only.

**END OF SECTION**