

May 18, 2023

To: Plan Holders for Improvements to the Salina Regional Airport Salina, Kansas New Aviation Bulk Fuel Facility

Transmitted herewith is Addendum No. 5 to the Contract Documents, Plans, and Specifications dated April 17, 2023 for Improvements to the Salina Regional Airport, Salina, Kansas, New Aviation Bulk Fuel Facility.

SCHEDULE I:

Construct New Aviation Fuel Facility

SCHEDULE II:

Relocate Self-Serve Dispenser and Tank

SCHEDULE III:

Partially Remove and Decommission Existing Fuel Facility

This addendum contains answers to contractor's questions received this week along with revised contract documents and plans. Please note that period for contractor questions regarding this project and/or the bidding process has ended. This is the final addendum.

Sincerely,

Jviation, A Woolpert Company

Alex Nodich, P.E. Project Manager

Main 303.524.3030

720 South Colorado Boulevard | Suite 1200-S | Glendale, CO | 80246 JVIATION.COM



ADDENDUM NO. 5 TO CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS FOR IMPROVEMENTS TO THE SALINA REGIONAL AIRPORT SALINA, KANSAS AIP NO. 3-20-0072-047/049

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in the submitted Bid may result in rejection of the Bid. Bidders are informed that the above referenced Contract Documents, Specifications, and Plans are modified as follows as of May 18, 2023:

1. <u>CONTRACT DOCUMENTS</u>

Bid Proposal – Schedules I was revised to update a couple quantities. The revised bid proposal in its entirety is attached to this document.

Justification: The pay items P-152c and P-208a were revised to accurately reflect the work being done.

3. CONTRACTOR QUESTIONS

Question: What permits are the contractor responsible for? Normal trade permits? Is the contractor responsible for any building permits?

Answer: Contractor shall verify with the City of Salina which permits will be required. More information can be found at http://www.salina-ks.gov/licenses/permits.

Question: Please clarify the start-stop parameters of the site work and installation. Is there a maximum amount of time between Fall site work and tank and equipment installation in the Spring/Summer?

Answer: No time limit will be given. Further coordination will occur between the awarded contractor and the airport. The expectation is that the contractor will be communicating with the airport to provide anticipated manufacturing timeframes and delivery dates for the various tanks and equipment.

Question: Drawing M-200 shows 6" anti-siphon valves. We have found no commercially available 6" anti-siphon valves. Please confirm basis of design or confirm that alternate anti-siphons methods (e.g. double poppet check valve or solenoid siphon break) will be acceptable.

Answer: Alternative mfgs and or methodology may be acceptable upon E.O.R. review of specifications and supporting analysis provided by contractor. The 6" call out is not the actual size of the valve. The solenoid valve is intended to be installed on the 6" suction piping. The basis of design was a 24VDC General Service 2-Way Solenoid Valve 3/4" Normally Open 0-125 PSI.



Addendum No. 5 May 18, 2023 To: Contract Documents, Specifications, and Plans AIP No. 3-20-0072-047/049 Dated: April 17, 2023

The intent and functionality of this valve is as follows;

1. The normally open solenoid valve (positioned above the tank liquid level) ties into the tank suction line and open area of the tank.

2. When the system is off, electrical power supply is removed from the normally open solenoid valve which allows air to flow into the suction pipe from the inert space in the tank and prevents any siphoning effects.

3. When the system is activated, electrical power supply is provided to the solenoid valve which closes the valve, thus closing off the air supply and allows fuel to be drawn by the system pump.

Question: Drawing M-120 & M-130 shows stainless steel meters. Even though we are able to find pricing, stainless steel meters are not readily available in the marketplace (extended lead-times, supply chain issues). Will aluminum housings (non-wetted parts) be accepted if material supply is not available?

Answer: Steel cased meters are required for this project. Aluminum is not always readily approvable by the local fire marshals due to lower melting points.

Question: Drawing M-100 & M-110 shows a rough depiction of an external ladder at the end of the tanks; however, the ladder is not specifically called out and the written specification only details the requirements of the interior ladder. Please confirm style and design of all tank ladders.

Answer: The proposed tank top cat walks depicted in the contract plans eliminate the need for access ladders installed at the end of tanks. As such they are optional.

Question: With the project not being fully funded by the FAA, would Salina Regional Airport be open to using a crushed concrete base course in place of the P-208 spec'd?

Answer: Due to there being FAA funding in this project in any amount, we are required to use FAA specifications where applicable. The P-208 specification will need to be used and the material will need to meet the requirements therewithin. No substitutions will be allowed for this material.

Question: Are there any written specifications for the generator and transfer switches?

Answer: No, the electrical one-line diagram on plan sheet E-700 was updated in Addendum #3 to indicate the size and type of generator which will be required. The generator will also be diesel powered as indicated in Addendum #4.

** END OF ADDENDUM NO. 5 **

Bidder Name:	
SCHEDULE I TOTAL	\$
SCHEDULE II TOTAL	\$
SCHEDULE III TOTAL	\$
BID ALTERNATE NO. 1	\$
BID ALTERNATE NO. 2	\$
TOTAL ALL SCHEDULES	\$
TOTAL ALL BID ALTERNATES	\$

Bidder has examined the proposed site and is familiar with all site conditions.

Signature

		SCHEDULE I				
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
C-105a	Mobilization (10% Max.)	at the unit price of:dollars dollars and cents.	LS	1	\$	S
01 11 13a	Surveying	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
01 11 13Ь	Permitting	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
01 14 00a	Crane	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
26 60 00a	Project Electrical - Includes All Underground Piping/Conduit	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
26 60 00a	Generator	at the unit price of:dollars dollars andcents.	EA	1	\$	\$
26 60 00ь	Dual Fixture Light Pole (Includes Solar Unit)	at the unit price of:dollars dollars andcents.	EA	5	\$	\$
26 60 00c	Triple Fixture Light Pole (Includes Solar Unit)	at the unit price of:dollars dollars andcents.	EA	7	\$	\$
33 08 55a	Final Commissioning	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
33 52 43.11a	Avgas Tank Removal	at the unit price of:dollars dollars andcents.	EA	1	\$	\$

		SCHEDULE I				
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
33 52 43.19a	30,000 Gallon UL 142 DW - Jet Fuel AST - Includes Foundation	at the unit price of:dollarsdollarsdollarsdollars	EA	4	\$	\$
33 52 43.19c	20,000 Gallon UL 142 DW - Defuel AST - Includes Foundation	at the unit price of:dollarsdollars	EA	1	\$	\$
33 52 43.19d	12,000 Gallon UL 142 DW - Avgas AST - Includes Foundation	at the unit price of:dollarsdollarsdollars	EA	1	\$	\$
33 52 43.19e	549 Gallon Waste Water AST	at the unit price of:dollars dollars andcents.	EA	1	\$	\$
33 52 43.19f	Tank - Confined Space Cleaning	at the unit price of:dollars dollars cents.	LS	1	\$	\$
33 52 43.19g	Tank Access Stairs and Cat Walks	at the unit price of:dollarsdollarsdollars	LS	1	\$	\$
33 52 43.19h	Tank Probes, Modem, Wireless Inventory	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
33 52 43.22a	300 GPM Pump and Receipt Skid (Jet-A / SAF)	at the unit price of:dollarsdollarsdollars	EA	1	\$	\$
33 52 43.22b	300 GPM Recirculation Pump Skid (Jet- A)	at the unit price of:dollarsdollarsdollars	EA	1	\$	\$
33 52 43.22c	Remote receipt and Issue Skid (Jet-A - No pump)	at the unit price of:dollars dollars andcents.	EA	3	\$	\$
33 52 43.22d	300 GPM Clay Treater Skid	at the unit price of:dollars dollars andcents.	EA	1	\$	\$

	SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total	
33 52 43.22e	200 GPM Pump Skid (Avgas)	at the unit price of:dollars dollars andcents.	EA	1	\$	\$	
33 52 43.22f	Fuel Recovery Units (Sump Saver)	at the unit price of:dollarsdollarsdollars	EA	3	\$	\$	
P-101a	Existing Concrete Demolition Full Depth (8" - 17")	at the unit price of:dollars_	SY	450	\$	\$	
P-101c	Building Slab and Foundation Removal	at the unit price of:dollars dollars andcents.	LS	1	\$	\$	
P-101d	Remove Self-Serve Canopy and Foundation	at the unit price of:dollars_	LS	1	\$	\$	
P-151a	Site Clearing and Grubbing	at the unit price of:dollarsdollarsdollars	SY	4,455	\$	\$	
P-152a	Embankment	at the unit price of:dollars dollars andcents.	СҮ	1,400	\$	\$	
P-152c	Subgrade Preparation (12")	at the unit price of:dollars_	SY	4,325	\$	\$	
P-208a	Crushed Aggregate Base Course	at the unit price of:dollars dollars andcents.	СҮ	1,500	\$	\$	
P-610a	10" Concrete Paving (Site Access Concrete)	at the unit price of:dollars dollars andcents.	SY	2,755	\$	\$	
P-610b	8" Concrete Paving (Dispensing Lanes)	at the unit price of:dollarsdollarasdollarsdollarsdollarsdollars	SY	305	\$	\$	

		SCHEDULE I				
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
P-610c	6" Concrete Paving (Housekeeping Slab)	at the unit price of:dollars dollars andcents.	SY	1,270	\$	\$
P-610d	4" Steel Concrete Filled Bollards, Painted Yellow	at the unit price of:dollars dollars andcents.	EA	106	\$	\$
P-610e	6" Concrete Cap for Tank Foundation Block Outs	at the unit price of:dollarsdollarsdollars	SY	25	\$	\$
D-701	18" RCP	at the unit price of:dollarsdoll	LF	25	\$	\$
D-750a	Modular Trench Drain	at the unit price of:dollars dollars andcents.	LF	8	\$	\$
D-751a	Install Manhole	at the unit price of:dollarsdollarsdollars	EA	1	\$	\$
F-162a	Chain-Link Fence	at the unit price of:dollars dollars and cents.	LF	80	\$	\$
F-162b	Install Security Vehicle Access Gate	at the unit price of:dollarsdollarsdollars	EA	1	\$	\$
F-162c	Temporary Fencing	at the unit price of:dollars dollars and cents.	LF	725	\$	\$
F-162d	Remove Existing Fence	at the unit price of:dollars dollars and cents.	LF	80	\$	\$
F-162e	Acquire LiftMaster SL3000 Slide Gate Operator (Non-Federal)	at the unit price of:dollarsdollarsdollars	EA	1	\$	ş

	SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total	
F-162f	Acquire SecuraKey Radio Key RK-65KS Card Reader (Non-Federal)	at the unit price of:dollars andcents.	EA	2	\$	\$	
T-901a	Seeding with Hydromulch	at the unit price of:dollars andcents.	ACRE	1	\$	\$	
BLDGa	New Canopy	at the unit price of:dollars andcents.	LS	1	\$	\$	
BLDGb	New QA/QC Shed	at the unit price of:dollarsdollars	LS	1	\$	\$	

SCHEDULE I TOTAL \$

	SCHEDULE II						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total	
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of:dollars dollars and cents.	LS	1	\$	\$	
C-105a	Mobilization (10% Max.)	at the unit price of:dollarsdollarsdollars	LS	1	\$	\$	
01 11 13a	Surveying	at the unit price of:dollars dollars andcents.	LS	1	\$	\$	
01 14 00a	Crane	at the unit price of:dollarsdol	LS	1	\$	\$	
26 60 00a	Project Electrical - Includes All Underground Piping/Conduit	at the unit price of:dollars dollars andcents.	LS	1	\$	\$	
26 60 00Ъ	Dual Fixture Light Pole (Includes Solar Unit)	at the unit price of:dollars dollars andcents.	EA	2	\$	\$	
33 08 55a	Final Commissioning	at the unit price of:dollars dollars andcents.	LS	1	\$	\$	
33 52 43.11b	Avgas Tank Relocation and Installation	at the unit price of:dollars dollars andcents.	EA	1	\$	\$	
33 52 43.11c	Relocate QT Pod	at the unit price of:dollars dollars andcents.	EA	1	\$	\$	
P-101a	Existing Concrete Demolition Full Depth (8" - 17")	at the unit price of:dollars dollars andcents.	SY	800	\$	\$	
P-101b	Variable Depth Concrete Milling (2" - 8")	at the unit price of:dollars dollars andcents.	SY	1,560	\$	Ş	

		SCHEDULE II				
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
P-101e	Remove Hangar Door Tracks	at the unit price of:dollars dollars andcents.	LF	175	\$	\$
P-151a	Site Clearing and Grubbing	at the unit price of:dollars dollars andcents.	SY	1,555	\$	\$
P-152b	Excavation	at the unit price of:dollars dollars andcents.	СҮ	800	\$	\$
P-208a	Crushed Aggregate Base Course	at the unit price of:dollarsdoll	СҮ	7	\$	\$
P-610c	6" Concrete Paving (Housekeeping Slab)	at the unit price of:dollars dollars andcents.	SY	40	\$	\$
P-610d	4" Steel Concrete Filled Bollards, Painted Yellow	at the unit price of:dollars dollars andcents.	EA	33	\$	\$
F-162a	Chain-Link Fence	at the unit price of:dollars dollars andcents.	LF	315	\$	\$
F-162c	Temporary Fencing	at the unit price of:dollars dollars andcents.	LF	950	\$	\$
F-162d	Remove Existing Fence	at the unit price of:dollars dollars andcents.	LF	200	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of:dollars dollars andcents.	ACRE	1	\$	\$
KDOTa	HMA Surface (PG-70-28)	at the unit price of:dollarsdollarsdollars	TON	220	\$	\$

	SCHEDULE II						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total	
КДОТЪ	HMA Pavement Repair (PG-70-28)	at the unit price of:dollars dollars andcents.	TON	150	\$	\$	

SCHEDULE II TOTAL \$

		SCHEDULE III				
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization (10% Max.)	at the unit price of:dollars andcents.	LS	1	\$	\$
01 11 13Ь	Permitting	at the unit price of:dollars andcents.	LS	1	\$	\$
01 14 00a	Crane	at the unit price of:dollars andcents.	LS	1	\$	\$
DEMOa	Building Demolition	at the unit price of:dollarsdollars	LS	1	\$	\$
DEMOb	Above Ground Tank Equipment Demolition	at the unit price of:dollars andcents.	LS	1	\$	\$
DEMOc	Interior Equipment Demolition	at the unit price of:dollars andcents.	LS	1	\$	\$

SCHEDULE III TOTAL \$

		BID ALTERNATE NO. 1				
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of:dollars dollars and cents.	LS	1	\$	\$
C-105a	Mobilization (10% Max.)	at the unit price of:dollars_	LS	1	\$	\$
01 11 13b	Permitting	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
01 14 00a	Crane	at the unit price of:dollarsdollars	LS	1	\$	\$
26 60 00a	Project Electrical - Includes All Underground Piping/Conduit	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
26 60 00ь	Project Electrical for Bid Alts - Does Not Include Underground Piping/Conduit	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
33 08 55a	Final Commissioning	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
33 52 43.19b	30,000 Gallon UL 142 DW - SAF Fuel AST - Includes Foundation	at the unit price of:dollars dollars andcents.	EA	2	\$	\$
33 52 43.19f	Tank - Confined Space Cleaning	at the unit price of:dollars andcents.	LS	1	\$	\$
33 52 43.19g	Cat walk Extension for Bid Alternate No. 1	at the unit price of:dollars andcents.	LS	1	\$	\$
33 52 43.19h	Tank Probes, Modem, Wireless Inventory	at the unit price of:dollars dollars andcents.	LS	1	\$	ş

	BID ALTERNATE NO. 1							
Item No.	Description		Units	Estimated Quantity	Unit Price	Total		
33 52 43.22a	300 GPM Pump and Receipt Skid (Jet-A / SAF)	at the unit price of:dollars andcents.	EA	1	\$	\$		
P-610e	6" Concrete Cap for Tank Foundation Block Outs	at the unit price of:dollarsdollarsdollars	SY	(20)	\$	\$		

BID ALTERNATE NO. 1 \$

BID ALTERNATE NO. 2						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-100a	Contractor Quality Control Program (CQCP)	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
C-105a	Mobilization (10% Max.)	at the unit price of:dollars dollars cents.	LS	1	\$	S
01 11 13Ь	Permitting	at the unit price of:dollarsdollarsdollars	LS	1	\$	\$
01 14 00a	Crane	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
26 60 00a	Project Electrical - Includes All Underground Piping/Conduit	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
26 60 00Ъ	Project Electrical for Bid Alts - Does Not Include Underground Piping/Conduit	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
33 08 55a	Final Commissioning	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
33 52 43.19c	20,000 Gallon UL 142 DW - Defuel AST - Includes Foundation	at the unit price of:dollars dollars andcents.	EA	1	\$	\$
33 52 43.19h	Tank Probes, Modem, Wireless Inventory	at the unit price of:dollars dollars andcents.	LS	1	\$	\$
P-610e	6" Concrete Cap for Tank Foundation Block Outs	at the unit price of:dollars_	SY	(5)	\$	\$

BID ALTERNATE NO. 2 \$