

416 PRODUCTION STREET N ABERDEEN, SD 57401

PHONE (605) 225-1212 TOLL FREE 1-888-378-4394

July 11, 2024

Re: G.A. Apron Reconstruction (Phase 2)

Aberdeen Regional Airport Aberdeen, South Dakota A.I.P. #3-46-0001-052-2024

A-9388

Bid Opening: July 16, 2024

2:00 pm Local Time

ADDENDUM NUMBER 1

The following modifications are made to the plans and specifications for the G.A. Apron Reconstruction (Phase 2), Aberdeen Regional Airport

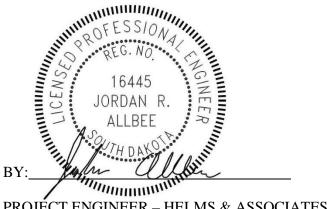
CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

- 1. The following page was revised to correct a minor error on the original document. The revised page is attached for reference. Please replace the page in the original documents with the revised copy.
 - Proposal Sheet 441 Quantity of Line Item #18 "24" RCP Pipe" was corrected to match the footage called out in the plans.

PROJECT PLANS

- 1. The following pages were revised to correct minor errors on the original document. Each of these pages are attached for reference. Please replace the pages in the original documents with the revised copies.
 - Plan Cover Sheet Revision was made to correct the AIP Grant # to 3-46-0001-052-2024.
 - Plan Sheet 12 Quantity of Line Item #18 "24" RCP Pipe" was corrected to match the footage called out in the plans.
- 2. A pre-bid was held on July 9th at 2:00 pm. The minutes of the meeting are attached for reference.

ALL OTHER ITEMS OF THE PLANS AND SPECIFICATIONS REMAIN UNCHANGED



PROJÉCT ENGINEER – HELMS & ASSOCIATES

Acknowledge receipt of the Addendum by inserting its number on the Bid Form. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the Contract Documents. It modifies them as above.

G.A. APRON RECONSTRUCTION (PHASE 2) ABERDEEN REGIONAL AIRPORT

AIP #3-46-0001-052-2024 A-9388

Base Bid

Item No.	Spec No.	Item Description	Quantity	Unit	Unit Price	Total Price
1	C-105	Mobilization (Max of 10% of Total Project Cost)	1.0	L.S.	\$	\$
2	C-100	Contractor Quality Control Program	1.0	L.S.	\$	\$
3	S-100	Construction Safety Phasing Plan	1.0	L.S.	\$	\$
4	P-101	Concrete Pavement Removal (6" Nominal Depth)	15,450	SqYd	\$	\$
5	P-152	Unclassified Excavation	19,913	CuYd	\$	\$
6	P-152	Disposal of Excess Material	12,744	CuYd	\$	\$
7	P-154	Subbase Course	10,277	CuYd	\$	\$
8	P-154	Geogrid	16,085	SqYd	\$	\$
9	P-154	Geotextile Separator Fabric	16,085	SqYd	\$	\$
10	P-209	Crushed Aggregate Base Course	2,670	CuYd	\$	\$
11	P-501	6" Cement Concrete Pavement	479	SqYd	\$	\$
12	P-501	10" Cement Concrete Pavement	15,538	SqYd	\$	\$
13	P-605	Silicone Joint Sealing Filler	14,273	Ft	\$	\$
14	P-605	Silicone Joint Sealing Filler w/ Expansion Board	1,193	Ft	\$	\$
15	P-620	Pavement Marking	1.0	L.S.	\$	\$
16	F-162	20' Long 10' Chain Link Cantilever Roll Gate	1	Each	\$	\$
17	D-701	18" RCP Pipe	416	Ft	\$	\$
18	D-701	24" RCP Pipe	28	Ft	\$	\$
19	D-701	Connect to Existing RCP	3	Each	\$	\$
20	D-705	6" Perforated Underdrain Piping	1,241	Ft	\$	\$
21	D-705	Connect Underdrain to Existing Underdrain Piping	6	Each	\$	\$

G.A. APRON RECONSTRUCTION (PHASE 2) ABERDEEN REGIONAL AIRPORT ABERDEEN, SOUTH DAKOTA A.I.P. # 3-46-0001-052-2024

CITY OFFICIALS

AIRPORT BOARD Travis Schaunaman Chairman Carl Perry Robin Bobzien Vice Chairman City Manager Lonald Gellhaus Mike Erickson Finance Officer Jordan McQuillen Member Council Member Jarrett Rix Erin Fouberg Member Council Member Rob Ronayne Member Anthony Schwan Charlotte Liebelt Alan Johnson Council Member Liason Josh Rife Doug Fjeldheim Liason Council Member David Novstrup **Transportation Director** Richard Krokel Council Member Tiffany Langer Council Member Airport Maintenance Marvin Black

DESCRIPTION OF WORK

Council Member

Council Member

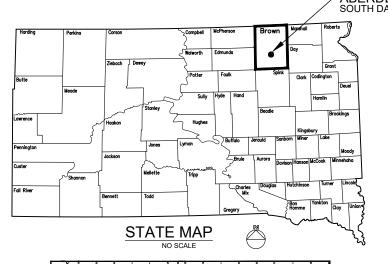
City Engineer

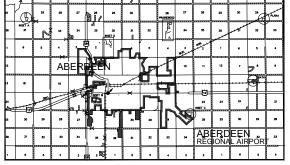
Alan Johnson

Stuart Nelson

Justin Reinbold

This project shall include reconstruction of the GA Apron (±450' x 300') This work includes concrete pavement removal, grading, geotextile separator fabric, geogrid, subbase course, crushed aggregate base course, underdrain piping, concrete pavement, aircraft tie-downs, pavement marking, Taxiway E radius lighting, and other items of related construction.





LOCATION MAP ..." FESSTON

CITY MANAGER

I HEREBY CERTIFY HALTO THE BEST DO 44 DOFESSION & TELL THESE PLANS AND SPECIFICATIONS WERE DEVELOPED UNDER MED SUPERVISION IN ACCORDANCE WITH DEPTH AND THE MODIFICATIONS FOR STANDARDS SET FOR THE HE FEDERAL AND THE ADMINISTRATION ADVISORY CIRCULARS WILL BE INCRESSALVED ET THAN THOSE PR

ADVISORY CIRCULAR WEE BE APPROVED BY F.A.A EXCEPT I JORDAN R. ALLBEE, P.E. SD REG. NO. 16445 HELMS AND ASSOCIATES

INDEX OF SHEETS

COVER SHEET

PROJECT LAYOUT

CONSTRUCTION SAFETY PHASING PLAN

11 PLAN NOTES

12. **ESTIMATE OF QUANTITIES**

TYPICAL SECTIONS

JOINT DETAILS

REMOVALS

GA APRON SURFACING SHEET (PHASE 2)

GA APRON GRADING SHEET (PHASE 1)

UNDERGROUND UTILITY PLAN

STORM SEWER PROFILE

MARKING PLAN

DETAILS

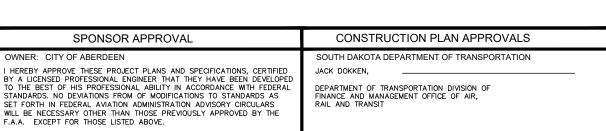
STORM WATER POLLUTION PREVENTION PLAN

CROSS SECTIONS

LEGEND. ABBREVIATIONS & SHEET INDEX

ABBREVIATIONS E101.-E102. LIGHTING PLAN

E201.-E205. LIGHTING DETAILS



I Hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I at a duly Registered Professiona Engineer under the law of the State of South Dakota.



SHEET

COVER JRA A-9388

OF

G.A. APRON RECONSTRUCTION (PHASE 2) ABERDEEN REGIONAL AIRPORT ABERDEEN, SOUTH DAKOTA 3-46-0001-052-2024 **HELMS A-9388** ESTIMATE OF QUANTITIES

Base Bid

Item No.	Spec No.	Item Description	Quantity	Unit
1	C-105	Mobilization		L.S.
2	C-100	Contractor Quality Control Program		L.S.
3	S-100	Construction Safety Phasing Plan	1.0	L.S.
4	P-101	Concrete Pavement Removal (6" Nominal Depth)	15,450	
5	P-152	Unclassified Excavation	19,913	
6	P-152	Disposal of Excess Material	12,744	
7	P-154	Subbase Course	10,277	CuYd
8	P-154	Geogrid	16,085	SqYd
9	P-154	Geotextile Separator Fabric	16,085	SqYd
10	P-209	Crushed Aggregate Base Course	2,670	CuYd
11	P-501	6" Cement Concrete Pavement	479	SqYd
12	P-501	10" Cement Concrete Pavement	15,538	SqYd
13	P-605	Silicone Joint Sealing Filler	14,273	Ft
14	P-605	Silicone Joint Sealing Filler w/ Expansion Board	1,193	Ft
15	P-620	Pavement Marking	1.0	L.S.
16	F-162	20' Long 10' Chain Link Cantilever Roll Gate	1	Each
17	D-701	18" RCP Pipe	416	Ft
18	D-701	24" RCP Pipe	28	Ft
19	D-701	Connect to Existing RCP	3	Each
20	D-705	6" Perforated Underdrain Piping	1,241	Ft
21	D-705	Connect Underdrain to Existing Underdrain Piping	6	Each
22	D-751	Underdrain Manhole	3	Each
23	D-751	3' x 4' Storm Sewer Inlet w/Type E Frame and Grate	1	Each
24	T-901	Seeding and Fertilizing	1,600	SqYd
25	T-905	Topsoil (Obtained on Site)		CuYd
26	T-905	Topsoil (Contractor Furnished)	134	CuYd
27	T-908	Mulching		SqYd
28	TL-100	Field Laboratory		Each
29	Plans	Remove and Dispose of Underdrain Piping	1,241	Ft
30	Plans	Remove and Dispose of RCP	415	Ft

				ı
31	Plans	Remove and Dispose of Storm Sewer Inlet		Each
32	Plans	Remove and Dispose of Underdrain Manhole		Each
33	Plans	Adjust Existing Underdrain Manhole Casting		Each
34	Plans	Remove and Dispose Existing Taxiway Light Can	3	Each
35	Plans	Remove and Dispose 10' Chain Link Fence		Ft
36	Plans	Aircraft Tie-Downs	11	Set
37	Plans	Asphalt Concrete, Composite	217.0	Ton
38	Plans	Inlet Protection	9	Each
39	Plans	Clean and Televise Existing Underdrain Pipe	1,050	Ft
40	01 51 26	Temporary Phasing Work, Electrical	1	LS
41	26 05 05	Demolition Work, Electrical	1	LS
42	L-108	1/C No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Conduit	884	LF
43	L-108	1/C No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed in Trench or Plowed, Including Above Conduit, Ground Rods & Connections/Terminations	508	LF
44	L-110	Remove & Dispose of Existing Conduit & Cable	1	LS
45	L-110	Remove & Salvage Existing Cable	1	LS
46	L-110	Trenching & Backfilling or Plowing for Conduit	624	LF
47	L-110	Non-Encased, Electrical Conduit, 1-Way, 2-Inch, Type III, Sch. 80 PVC in Trench or SDR 11 HDPE Plowed	512	LF
48	L-110	Non-Encased, Electrical Conduit, 2-Way, 3-Inch, Type III, Sch. 80 PVC in Trench or SDR 11 HDPE Plowed	112	LF
49	L-115	Remove & Salvage for Reinstallation Electrical Manhole	1	EA
50	L-115	Reinstall Electrical Manhole	1	EA
51	L-125	Remove & Salvage for Reinstallation Existing L-861T LED Medium Intensity Taxiway Light, Remove & Dispose of Existing L-867 Base Can & Concrete	8	EA
52	L-125	Remove & Salvage Existing L-853 Taxiway Retroreflective Marker	3	EA
53	L-125	Remove & Salvage Existing L-858 Airport Sign, Existing Concrete Site Pad & JB to Remain	3	EA
54	L-125	Reinstall L-861T Medium Intensity Taxiway Light on New L-867 Base Can, In Turf	8	EA
55	L-125	L-861T, 30-Inch Elevated In Turf, Mode 1, LED, Medium Intensity Taxiway Light (MITL) with Heater, Blue, Including Base Can	1	EA
56	L-125	L-861T, 30-Inch Elevated In Pavement, Mode 1, LED, Medium Intensity Taxiway Light (MITL) with Heater, Blue, Including Base Can	4	EA
57	L-125	L-858L/Y Location/Direction Lighted Guidance Sign, LED, Size 1, Style 2, Class 2, Mode 2, 3 Module on Existing Concrete Site Pad	2	EA
58	L-125	L-858Y Direction Lighted Guidance Sign, LED, Size 1, Style 2, Class 2, Mode 2, 3 Module on Existing Concrete Site Pad		EA
59	L-125	Spare Parts	1	LS

Earthwork Table

Description	Cut (CuYd)	Fill (CuYd)
G.A. Apron	14,603	
Scarify & Recompact	5,310	5,310
Subtotal	19,913	5,310
35% Shrinkage		1,859
Dispose of Excess Material		12,744
Balance	19,913	19,913

No. Revisions By App. Date					
	Date				
	App.				
No. Revisions	9				
ó	Revisions				
	ģ				

IATE OF QUANTITIES

ESTIM	GA APRO ABERDEI ABERDEI				
rawn By:	CLB				
	OLD				
hk' By:	JRA				
roj. No:	A-9388				
wg. No:	9388-2-1-02T				
P. No:	QTY				
ate:	7/10/24				



PHONE (605) 225-1212 TOLL FREE 1-888-378-4394

Pre-Bid Conference Agenda

GA Apron Reconstruction (Phase 2)
Aberdeen Regional Airport
Aberdeen, South Dakota
AIP #3-46-0001-052-2024; Helms # A-9388
July 9, 2024
2:00 pm (Central)

I. Bidding

A. Delivery of Bids
 Sealed: Office of the City Finance Officer
 123 S. Lincoln Street
 Aberdeen, South Dakota 57401

B. Mailing of BidsSealed: Office of the City Finance Officer123 S. Lincoln StreetAberdeen, South Dakota 57401

C. Opening of BidsJuly 16, 2024 @ 2:00 P.M. (Central Time)Bids will be publicly opened and read aloud

D. Bid Documents

- 1. Proposal (Pages 429-444)
 - a. Acknowledgement of Addendum(s)
 - b. Site examination of existing conditions
 - c. Insert all Unit Prices and Total Prices as required (Unit Prices will control)
 - d. Buy American Certificate

- e. Sign and Date the Proposal
- f. Bid Schedules
 - 1. Base Bid
- 2. Attachment to Proposal (Pages 445-448) 2.5% DBE Goal, Sign and Date
 - a. DBE Manufacturers 100% Credit
 - b. DBE Suppliers 60% Credit
 - c. DBE Wholesalers only receive credit for mark-up
 - d. If the Contractor is not going to meet DBE Goal, he/she must show a "Good Faith Effort" (Documentation must be provided within 2 business days from the date that the apparent low bidder is contacted. This documentation must be approved prior to issuing of a Contract).
- 3. Bid Security
 - a. 10% Bid Bond Made out to the City of Aberdeen
 - b. 5% Cashier's Check Made out to the City of Aberdeen

MAKE SURE ALL OF THE ABOVE MENTIONED FORMS ARE COMPLETELY FILLED OUT, SIGNED, AND DATED, PRIOR TO SUBMITTAL OF YOUR BID

II. General Provisions

A. Bonding, Insurance, Utility Contacts, Etc.

III. Specific Project Requirements

- A. Non-Discrimination in Contractor's work force
 - 1. Goals
 - a. Minority 2.50%
 - b. Female 6.9%
- B. Buy American
 - 1. Helms and Associates will submit Waiver to the FAA, if needed.

C. Posters

- 1. EEO Posters Available from SD-DOT (On Site)
- 2. Wage Rates (On Site)

D. Payrolls

1. Need to be submitted weekly by the Prime Contractor and all Subcontractors performing work on-site.

E. Reports to be Filed

- 1. Annual EEO-1 Report Standard Form 100 must have been filed within past 12 months. Special Conditions page 23.
- 2. Construction Contractor Identification Data Award Notification shall be given within 10 working days of Contract Award, see Special Conditions Pages 23-24.
- F. Storm Water Pollution Prevention Plan (SWPPP)
 - 1. Contractor shall review the SWPPP included in the Plans.
 - 2. Contractor will be required to keep a copy of the SWPPP on site during construction, comply with the requirements of it, and modify it as necessary to meet changing conditions.
 - 3. Contractor will be issued and will sign the Contractor Certification Form after the Permit has been issued.
 - 4. All costs associated with complying with the SWPPP shall be included in the Bid.

IV. Permits

A. State/Local Permits must be obtained by the Contractor as required (i.e. Haul Road Permit).

V. Technical Specifications

A. Items for all Base Bid are found in Part VI of the Construction Specifications and Contract Documents or in the Plans.

B. All questions shall be directed to Helms & Associates (Civil) and DGR Engineering (Electrical).

Helms & Associates:

Jordan R. Allbee, P.E.

(605) 225-1212

jordana@helmsengineering.com

DGR Engineering:

Brian Meyer, P.E.

(605) 339-4157

brian.meyer@dgr.com

C. Helms & Associates will issue all Addendums.

VI. Miscellaneous

- A. Review of Bids and approval by the FAA will be prior to Award of the Contract. (Anticipate up to 60 days after the Bid Opening)
- B. A Pre-Construction Conference will be held prior to construction starting.
- C. Construction Observation
 - 1. Helms & Associates / DGR Engineering
 - 2. SD-DOT / FAA Intermittent and Final
- D. Payments
 - 1. Monthly

Cutoffs for Monthly Periodic Pay Estimates will be the last day of each month. This is to ensure the pay estimate can be prepared and approved by the Airport Board at their monthly meetings which fall on the first Thursday after the first Tuesday of each month.

- 2. RETAINAGE 10% (General Provisions, Section 90)
- 3. Stockpiled Materials
 - a. Cost documentation / Invoice
 - b. Certificate of Compliance or test results to show it meets the specification requirements
 - c. Proof of Insurance

- E. Project Completion Special Conditions (SC-6)
 - 1. Construction Limitations see Special Conditions Page 21.
 - a. Phase 1A (minus joint sealant and pavement markings) shall be completed within 14 calendar days of the implementation of the CSPP.
 - b. Phase 1B (minus joint sealant and pavement markings) shall be completed within 28 calendar days from the implementation of the CSPP. Work on Phase 1A and 1B shall be completed concurrently.
 - c. Phase 2 (including Phase 1A and 1B pavement markings and joint sealant) shall be completed by August 30, 2025. See the CSPP sheets of the project plans for the layout of the different phases.
 - d. The work shall be completed in accordance with Paragraph 50-15 of the General Provisions by September 15, 2025

VII. Construction Methods / Discussion

- A. Construction Meetings will be held throughout the project. All Contractors involved with work at the time of the meeting must attend. Frequency and time shall be coordinated at the Pre-Construction Conference.
- B. Bid quantities may be adjusted to stay within project funds.
- C. Contractor will be responsible for Aggregate Testing (Gradations). The Engineer will perform all density testing.

Aaron Swan and Associates of Pierre, SD is under a 3-year contract with the Airport to complete the QA testing on all P-501 Surfacing. The contractor will still be responsible for complete the required QC testing using a firm of their choice.

- D. FAA General Provisions / Technical Specification Changes (make sure you read the specs as they have been updated):
 - 1. Mobilization shall be limited to 10 percent of the total project cost (Section 105, page 105)
 - 2. Contractor Quality Control Program is now a pay item.
 - 3. Subbase Course shall have a CBR of at least 20
- E. Changes to the Mix Design Requirements and Slump requirements for P-501.
- F. Addenda will be issued no later than Friday July 12th, 2024.

- G. Possible Addendum Items:
 - 1. Correction of Quantity of 24" RCP Storm Sewer Pipe
 - 2. Correction of AIP Grant Number to 3-46-0001-052-2024 on cover sheet of the Project Plans and Contract Documents and Specifications.

Project: Aberdeen GA Apron Reconstruction (Phase 2) Meeting Date/Time: July 9, 2024 @ 2:00 P.M. Aberdeen Regional Airport Terminal Conference Room (GoToMeeting)

Name	Company	Phone	E-Mail
Jordan Allbee	Helms & Associates	(605) 225-1212 Office (605) 252-0433 Cell	jordana@helmsengineering.com
Brooke Edgar	Helms & Associates	(605) 225-1212 Office (605) 380-4863 Cell	brookee@helmsengineering.com
Rich Krokel	Aberdeen Regional Airport	(605) 626-7020 Office (605) 228-7680 Cell	rich.krokel@aberdeen.sd.us
Marvin Black	Aberdeen Regional Airport	(605) 626-7020 Office (931) 310-2751 Cell	marvin.black@aberdeen.sd.us
Rhea Ketterling	Aberdeen Regional Airport	(605) 626-7020	rhea.ketterling@aberdeen.sd.us
Eric Thompson	BX Civil Construction	(605) 310-1147	eathompson@bx-cc.com
Jesse Bruns	Reede Construction	(605) 380-6472	jbruns@reedeconstuction.net
Zach Carlson	Lien Transportation	(605) 225-3814	zach@lientransportation.com
Mike Jones	Sharpe Enterprises	(605) 945-1260	gerrick.mccomsey@sharpe-ent.com
Dana Ringgenberg	Ringgenberg Electric	(605) 225-8752	office@ringgenbergelectric.com
Joel Schumaker	Webster Scale	(605) 345-3881	wsi@websterscale.com