

**GERALD R. FORD INTERNATIONAL AIRPORT  
TAXIWAY B LIGHTING REHABILITATION  
GRAND RAPIDS, MICHIGAN**

**RS&H No. 1010-5865-004**

**ADDENDUM NO. 1  
June 25, 2026**

The following changes shall be made to the Bid Documents, which bear the above title and project numbers and are dated June 2026.

**TO ALL HOLDERS OF CONTRACT DOCUMENTS**

1. Your attention is directed to the following interpretations of changes in, and/or additions to the contract documents for the above named project.
2. This addendum is part of the Contract Documents.
3. Bidders are required to acknowledge receipt of this Addendum in the space provided on Page P-2 of Exhibit A in the Request for Bid document.
4. The following changes shall be made:

**CHANGES TO PLANS & PROJECT MANUAL**

All proposed changes are noted in this Addendum No. 1.

**CHANGES TO RFB**

- *REMOVE Bid Form and REPLACE with attached Revised Bid Form, dated 6/25/2026.*

**ANSWERS TO SUBMITTED QUESTIONS:**

1. Note 3 & 4 on sheet G030 of the drawings mentions installing/maintaining barricades as shown on the plans. The plans don't show any barricading. Please advise.
  - Note 3 on sheet G030 shall be revised to say the following:  
  
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, RELOCATING, AND REMOVING ALL BARRICADES USED DURING CONSTRUCTION. CONTRACTOR SHALL DETERMINE LOCATION OF BARRICADES, FOR EACH INDIVIDUAL PHASE THROUGH COORDINATION WITH THE OWNER, OPERATIONS AND ENGINEER. INSTALLATION OF BARRICADES MUST BE COORDINATED WITH AIRPORT OPERATIONS AND PERFORMED AT THE BEGINNING OF EACH PHASE. CONTRACTOR SHALL PROVIDE SUFFICIENT AMOUNT OF BARRICADES AS REQUIRED, FOR EACH PHASE OF THE PROJECT. ONE DRIVE LANE MUST REMIAN OPEN ON THE PERIMETER ROAD AT ALL TIMES. IT IS NOT ANTICIPATED THAT BOTH RUNWAYS WILL BE CLOSED AT THE SAME TIME. THE CONTRACTOR SHALL PROVIDE ONE SET OF RUNWAY CLOSURE MARKERS. IF THE SECOND RUNWAY NEEDS TO BE CLOSED SIMULTANEOUSLY, THE AIRPORT SHALL PROVIDE THE SECOND SET OF RUNWAY CLOSURE MARKERS.
2. What size are the signs needing the Transition (upgrade) kits? We show GRR has both size 1 and size 2 signs.
  - The Guidance Sign Schedule on sheet E400 has been revised to show the guidance sign sizes. Please see attached.

3. Who is supplying (Airport or contractor) the safety & security devices (low level barricades, taxiway closure markers, & lighted runway X closure markers)? If the above answer is the contractor, how many lighted runway closure markers will be needed (2 or 4)? (note on G040 under lighted runway closure marker states to install markers at both ends of 17-35 and/or 8R-26L – will ever these 2 runways be closed at the same time)?
  - o The contractor shall provide the safety and security devices required during construction. Note 3 on sheet G030 shall be revised to say the following:
 

3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, RELOCATING, AND REMOVING ALL BARRICADES USED DURING CONSTRUCTION. CONTRACTOR SHALL DETERMINE LOCATION OF BARRICADES, FOR EACH INDIVIDUAL PHASE THROUGH COORDINATION WITH THE OWNER, OPERATIONS AND ENGINEER. INSTALLATION OF BARRICADES MUST BE COORDINATED WITH AIRPORT OPERATIONS AND PERFORMED AT THE BEGINNING OF EACH PHASE. CONTRACTOR SHALL PROVIDE SUFFICIENT AMOUNT OF BARRICADES AS REQUIRED, FOR EACH PHASE OF THE PROJECT. ONE DRIVE LANE MUST REMAIN OPEN ON THE PERIMETER ROAD AT ALL TIMES. IT IS NOT ANTICIPATED THAT BOTH RUNWAYS WILL BE CLOSED AT THE SAME TIME. THE CONTRACTOR SHALL PROVIDE ONE SET OF RUNWAY CLOSURE MARKERS. IF THE SECOND RUNWAY NEEDS TO BE CLOSED SIMULTANEOUSLY, THE AIRPORT SHALL PROVIDE THE SECOND SET OF RUNWAY CLOSURE MARKERS.
4. As far as low level barricades and taxiway closure markers are concerned, is there supposed to be a plan sheet (phasing sheets) showing the barricades/taxiway closure markers or is the contractor supposed to try to figure this out on their own by the phasing sheet colored-in phase areas?(if so, is the entire phase area being surrounded by barricades)?, Also, are they going with interlocked in pavement areas and 50' spacing in turf areas (per note 4 on page G040)?
  - o The contractor shall provide, install, relocate, and remove barricades in coordination with the safety and phasing plans, owner, operations staff, and engineer. It is not anticipated that the contractor will be working outside of paved areas for an extended period of time. Any work within manholes or handholes shall be performed on a pull-back basis; therefore, no barricades are required in turf areas. On paved areas, the contractor shall provide interlocked barricades.
5. Could you please advise if this project is AIP funded? If AIP funded, any references to All hardware/software/interface & controls/components are proprietary/sole source to the control system and will need to be procured outside of this AIP Funded Project per AIP Guidelines, AIP Handbook 5100-38D Change 1, 3-36 Limited Noncompetitive Proposal Situations (ALCMS Modifications...).

Sheet E201 Keyed Note 2 states “NO MODIFICATIONS TO THE EXISTING ALCMS ARE ANTICIPATED. ” However, there are several references to ALCMS modifications on the project. Keyed Note 2 also states NEW CCRS SHALL BE COMPLETELY COMPATIBLE WITH EXISTING ALCMS AND SHALL MATCH ALL EXISTING CONTROLS, TESTING AND MONITORING CAPABILITIES., Keyed Note 3 states PROGRAM EXISTING ALCMS TO CONTROL NEW CCRS TO MATCH EXISTING CONTROLS, TESTING, AND MONITORING CAPABILITIES. As well as spec 109-3.19 Airfield Lighting Control and Monitoring System. The existing ALCMS system shall be modified...

Can the references to ACE3 unit please be removed from E201 Keyed Note 2 per AIP Handbook table U-4 (2) Brand Name or Equal? If an existing FAA technical specification establishes all necessary performance requirements, the FAA considers the use of a brand name or equal to be a restriction on competition. A sponsor must not disqualify a material, product, or service for not having a characteristic that the brand name material, product, or service possesses if the characteristic was not explicitly identified in the technical requirements.”

- Yes, the project is AIP funded.

- Keyed note 2 on sheet E201 shall be revised to state the following:

2. PROPOSED CCRS SHALL HAVE FULL CAPABILITIES SAME AS EXISTING CCRS FOR CONTROLS, TESTING, AND MONITORING. CONTRACTOR SHALL REESTABLISH PRIMARY POWER, CONTROLS AND 5KV "HOMERUN" COMPLETE AND OPERATIONAL. ANY ITEMS REQUIRED FOR REPLACEMENT SHALL BE PROVIDED. NO MODIFICATIONS TO THE EXISTING ALCMS ARE ANTICIPATED. TRANSFER NAMEPLATES FROM OLD CCRS TO NEW CCRS. NEW CCRS SHALL BE COMPLETELY COMPATIBLE WITH EXISTING ALCMS AND SHALL MATCH ALL EXISTING CONTROLS, TESTING AND MONITORING CAPABILITIES.

- Spec section 109-3.19 shall be revised to state the following:

The existing ALCMS system is to remain. Contractor shall program the new CCR's in order to enable the existing ALCMS system to control, monitor and meggar the new Taxiway Bravo CCR's.

6. Section 4.3.2 of the CSPP mentions Runway closure markers will be installed by the Contractor of Airport during runway closures. Who is responsible for providing and placing the lighting X runway closure signs?

- The contractor shall be providing the safety and security devices required during construction.

Note 3 on sheet G030 shall be revised to say the following:

3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, RELOCATING, AND REMOVING ALL BARRICADES USED DURING CONSTRUCTION. CONTRACTOR SHALL DETERMINE LOCATION OF BARRICADES, FOR EACH INDIVIDUAL PHASE THROUGH COORDINATION WITH THE OWNER, OPERATIONS AND ENGINEER. INSTALLATION OF BARRICADES MUST BE COORDINATED WITH AIRPORT OPERATIONS AND PERFORMED AT THE BEGINNING OF EACH PHASE. CONTRACTOR SHALL PROVIDE SUFFICIENT AMOUNT OF BARRICADES AS REQUIRED, FOR EACH PHASE OF THE PROJECT. ONE DRIVE LANE MUST REMAIN OPEN ON THE PERIMETER ROAD AT ALL TIMES. IT IS NOT ANTICIPATED THAT BOTH RUNWAYS WILL BE CLOSED AT THE SAME TIME. THE CONTRACTOR SHALL PROVIDE ONE SET OF RUNWAY CLOSURE MARKERS. IF THE SECOND RUNWAY NEEDS TO BE CLOSED SIMULTANEOUSLY, THE AIRPORT SHALL PROVIDE THE SECOND SET OF RUNWAY CLOSURE MARKERS.

7. Please provide a detail for junction can.

- If the question is regarding the 3-hub base cans for the wind cone power relocation, base cans shall be standard L-867, 12" diameter, 24" deep, with concrete envelope, and 3, 2-inch hubs oriented as needed. Installation shall be similar to Detail 3 on sheet E301.

8. Sheet E302 details a new guidance sign foundation. Note 1 under Detail 6 on E303 mentions new foundation. There are no Pay Items for new guidance sign foundations. Please confirm none of the existing guidance signs or any others require new foundations.

- There will be only one (1) new guidance sign requiring a new foundation. No other guidance signs require relocations or foundations. A pay item for the removal of the existing sign and installation of the new guidance sign has been added to the Summary of Quantities and Bid Form. Please see attached.

Attachments: Bid Form, Summary of Quantities Sheet, Guidance Sign Table Sheet

**END OF ADDENDUM NO. 1**

**Bid Form - Revised 6/25/2026**

<b>Location: Gerald R. Ford International Airport</b>	<b>GFIAA Request #</b>
<b>Project Description:</b> TAXIWAY B LIGHTING REHABILITATION	<b>Bid Form</b>

**BASE BID**

ITEM NO.	SPEC NO.	WORK ITEM DESCRIPTION	UNIT	UNIT PRICE (IN WORDS)	UNIT PRICE (IN NUMBERS)	ESTIMATED QUANTITY	TOTAL AMOUNT
1	C-100	Contractor Quality Control Program (CQCP)	LSUM			1	
2	C-105	Mobilization (Max 10%)	LSUM			1	
3	G-102-11.1	Safety and Security	LSUM			1	
4	G-102-11.2	Safety Plan Compliance Document (SPCD)	LSUM			1	
5	L-105-7.1	Remove Existing Taxiway Edge Light and Transformer and Salvage, Base Can to Remain	EACH			301	
6	L-105-7.2	Remove Existing Cable in Conduit or Ductbank, Conduit to Remain	LSUM			1	
7	L-105-7.3	Remove Existing Unlit Guidance Sign and Foundation, Complete	EACH			1	
8	L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Existing Conduit or Duct Bank	FT			68,5400	
9	L-109-7.1	Airfield Lighting Electrical Vault Power and Controls Modifications	LSUM			1	
10	L-109-7.2	Constant Current Regulator Removal and Salvage	EACH			4	
11	L-109-7.3	Constant Current Regulator 7.5 kW, 3-Step, 6.6A, 480V, L-829	EACH			2	
12	L-109-7.3	Constant Current Regulator 4 kW, 3-Step, 6.6A, 480V, L-829	EACH			2	
13	L-110-5.1	1-Way, 2-inch, SCH, 40 PVC Conduit, Direct Buried	FT			980	
14	L-125-5.1	L-861T(L) Elevated Taxiway Edge Light on Existing Base Can, Including Isolation Transformer and Connections	EACH			301	
15	L-125-5.2	New Isolation Transformer and Connections for Existing Guidance Signs and Wind Cones Wand, 30" Tall, Blue	EACH			39	
16	L-125-5.3	LED Transition Kit for Existing Guidance Signs	EACH			18	
17	L-125-5.4	New Guidance Sign and Foundation	EACH			1	
18	L-125-5.5	Replace Existing 2-hub, L-867 Base Can with 3-hub	EACH			2	
19	L-126-5.1	Maintenance of Airport Lighting Systems, Including Temporary Connections/Jumpers and Power/Controls, as Needed	LSUM			1	
20	L-126-5.2	Airfield Circuit Wiring Locating, Protecting, Cleaning, Racking, and Tagging in All Structures Entered During Project	LSUM			1	

**BASE BID TOTAL = \$**

**SUMMARY OF QUANTITIES**

ITEM NUMBER	ITEM DESCRIPTION	UNIT	BID QUANTITY	CHANGE ORDERS		FINAL QUANTITY
				1	2	
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQP)	LSHM	1			
C-106	MOBILIZATION	LSHM	1			
C-102-11.1	SAFETY AND SECURITY	LSHM	1			
G-103-11.2	SAFETY PLAN COMPLIANCE DOCUMENT (SPCD)	LSHM	1			
L-105-7.1	REMOVE EXISTING TAXIWAY EDGE LIGHT AND TRANSFORMER AND SALVAGE BASE CABLE TO REMAIN	EACH	301			
L-105-7.2	REMOVE EXISTING CABLE IN CONDUIT OR DUCTBANK, CONDUIT TO REMAIN	LS	1			
L-105-7.3	REMOVE EXISTING UNIT GUIDANCE SIGN AND FOUNDATION COMPLETE	EACH	1			
L-105-8.1	NO. 8 AWG, 5 V, L204 TYPE C CABLE, INSTALLED IN EXISTING CONDUIT OR DUCTBANK	FT	60,540			
L-105-7.1	APRFIELD LIGHTING ELECTRICAL, WALT POWER AND CONTROLS MODIFICATIONS	LSHM	1			
L-105-7.2	CONSTANT CURRENT REGULATOR REGIONAL AND SALVAGE	EACH	4			
L-105-7.3	CONSTANT CURRENT REGULATOR 7.5KW, 3 STEP, 6.8A, 480V, L-109	EACH	2			
L-105-7.4	CONSTANT CURRENT REGULATOR 4KW, 3 STEP, 6.0A, 480V, L-109	EACH	2			
L-110-5.1	1-WAY, 2-INCH, SOL, 40 PVC CONDUIT, DIRECT BURIED	LF	960			
L-105-8.1	1-8 FT L ELEVATED TAXIWAY EDGE LIGHT ON EXISTING BASE CABLE INCLUDING ISOLATION TRANSFORMER AND CONNECTIONS	EACH	301			
L-105-8.2	NEW ISOLATION TRANSFORMER AND CONNECTIONS FOR EXISTING GUIDANCE SIGNS AND WIND CONES	EACH	30			
L-105-8.3	LED TRANSITION KIT FOR EXISTING GUIDANCE SIGNS	EACH	18			
L-105-8.4	NEW GUIDANCE SIGN AND FOUNDATION	EACH	1			
L-105-8.5	REPLACE EXISTING 2-INCH, L-800 BASE CABLE WITH 3-INCH	EACH	2			
L-105-8.1	MAINTENANCE OF AIRPORT LIGHTING SYSTEMS, INCLUDING TEMPORARY CONNECTIONS, WELDERS AND POWER CONTROLS, AS NEEDED	LSHM	1			
L-105-8.2	APRFIELD CIRCUIT WIRING LOCATING, PROTECTING, CLEANING, REPAIRING, AND TYPING IN ALL STRUCTURES ENTERED DURING PROJECT	LSHM	1			



RS&H Michigan, Inc.  
 171 WOODRIDGE, BIRMINGHAM 35210  
 FAX: 1-800-482-4233  
 WWW.RSANDH.COM



GERALD R. FORD  
 INTERNATIONAL  
 AIRPORT

TAXIWAY B  
 LIGHTING  
 REHABILITATION



REVISIONS  
 NO. DESCRIPTION DATE

DESIGNED BY: JAS  
 CHECKED BY: JAS  
 DATE ISSUED: JUNE 2026  
 REVIEWED BY: EE

RS&H PROJECT NUMBER  
 10166665004

SHEET TITLE

SUMMARY OF  
 QUANTITIES

SHEET NUMBER  
 G010

IFB PLAN SET

GUIDANCE SIGN SCHEDULE						
SIGN #	SHEET #	ENERGIZED (Y/N)	EXISTING FIXTURE TYPE	PROVIDE LED TRANSITION KIT (Y/N)	# OF MODULES	SIGN SIZE
339	E106	Y	LED	N	3	1
212	E106	Y	LED	N	4	1
213	E106	Y	LED	N	3	1
214	E106	Y	QUARTZ	Y	2	2
222	E106	Y	LED	N	1	1
223	E106	Y	LED	N	1	1
226	E107	Y	LED	N	1	1
227	E106	Y	LED	N	3	1
229	E106	Y	LED	N	3	1
230	E106	Y	QUARTZ	Y	3	1
232	E106	Y	QUARTZ	Y	1	2
237	E106	Y	LED	N	3	1
238	E106	Y	QUARTZ	Y	3	1
239	E106	Y	LED	N	3	1
240	E106	Y	LED	N	2	1
241	E106	Y	QUARTZ	Y	1	2
246	E106	Y	LED	N	3	1
253	E106	Y	LED	N	TWO 3 MODULE SIGNS	1
254	E106	Y	QUARTZ	Y	3	1
266	E106	Y	LED	N	2	2
263	E106	Y	QUARTZ	Y	3	1
264	E106	Y	QUARTZ	Y	3	1
275	E106	Y	LED	N	1	2
276	E106	Y	QUARTZ	Y	3	1
277	E106	Y	LED	N	1	2
286	E110	Y	LED	N	1	2
287	E110	Y	LED	N	1	2
284	E110	Y	QUARTZ	Y	3	1
286	E110	Y	QUARTZ	Y	2	2
288	E110	Y	QUARTZ	Y	3	1
289	E110	Y	QUARTZ	Y	3	1
300	E110	Y	QUARTZ	Y	2	2
426	E111	N	NO POWER	Y	1	1
301	E111	Y	QUARTZ	Y	2	2
306	E113	Y	QUARTZ	Y	3	1
308	E114	Y	LED	N	3	1
310	E114	Y	QUARTZ	Y	2	2
311	E114	Y	LED	N	2	1
342	E114	Y	LED	N	3	1

**GENERAL NOTES:**

1. CONTRACTOR SHALL CONFIRM ALL EXISTING GUIDANCE SIGN INFORMATION PRIOR TO ORDERING LED TRANSITION KITS.
2. PROVIDE UPGRADED ISOLATION TRANSFORMER AT EVERY SIGN LOCATION, REGARDLESS OF FIXTURE TYPE STATUS.



**RS&H Michigan, Inc.**  
 10000 E. Grand River Ave.  
 Grand Rapids, Michigan 49512  
 Phone: 616-941-2000  
 Fax: 616-941-2001  
 www.rsandh.com



**GERALD R. FORD  
 INTERNATIONAL  
 AIRPORT**

**TAXIWAY B  
 LIGHTING  
 REHABILITATION**



**REVISIONS**  
 NO. DESCRIPTION DATE

DATE PLOTTED: JUNE 2026  
 REVIEWED BY: EA  
 DRAWN BY: AM  
 DESIGNED BY: MM

RS&H PROJECT NUMBER  
 161068665004

SHEET TITLE  
**GUIDANCE SIGN  
 SCHEDULE**  
 SHEET NUMBER  
**E400**  
**IFB PLAN SET**