



February 3, 2026

Coeur d'Alene Airport
10375 Sensor Avenue
Hayden, ID 83835

E-MAIL DELIVERY WITH PDF ATTACHMENT

Gaston Patterson <gpatterson@kcgov.us>

RE: COE PAPI and MIRL Rehabilitation Project
Additional Services Addendum #1
Add PAPI Relocation and Lighted Closure Markers to Project

Dear Gaston:

Ardurra Group, Inc. is pleased to provide the enclosed Additional Services Addendum (ASA) for the referenced project. The ASA is pursuant to our agreement dated July 23, 2025 for Work Order No. 25-004.

Please sign the attached ASA and return the fully executed copy to me. We will commence the services described in the ASA upon receipt of the fully executed copy. In the interim, please do not hesitate to call with questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Corrie Esvelt-Siegford".

Corrie Esvelt-Siegford, PE
Project Manager

Enclosure(s)

cc: File COE / COE Project No 250254 ASA#1



ADDITIONAL SERVICES ADDENDUM

THIS ADDITIONAL SERVICES ADDENDUM is pursuant to Work Order No. 25-004 COE PAPI and MIRL Rehabilitation Project dated July 23, 2025, by and between Ardurra Group, Inc. (Consultant), and Kootenai County, Idaho (Client) for the Professional Services described below.

PROJECT NAME: Rehabilitate Runway 2/20 MIRL and Runway 2/20/24 PAPIs
CLIENT: Kootenai County, Idaho
ARDURRA PROJECT NUMBER: 250254

1. Description of additional services to be provided by Consultant (attach additional pages, if necessary):

A. Draft Contract Change Order for Lighted Closure Markers (L-893 (L))

Develop Specification for Runway Closure Marker FAA L-893(L) with options desired by Client. Coordinate with Change Order with Contractor to procure Marker. Estimated at \$2,310.00

B. Draft Plans, Details, and Specifications for Runway 02 PAPI Relocation

Prepare Contract Change Order for relocating PAPI 2 on Runway 2 and coordinate with Contractor the CCO. Conduct siting analysis in accordance with FAA AC 150/5340-30J Airport Visual Aids, 150/5345-28H Precision Approach Path Indicator, and Engineering Brief 95, Additional Siting and Survey considerations for PAPI and Other VSGL. This will require evaluating potential obstructions to the PAPI light signal 14 degrees on either side of the proposed PAPI site, out to a distance of 8 nautical miles. This evaluation will be completed using available information from available LIDAR. Identify terrain penetrations to OCS surface. Develop design GS and TCH based on OCS Analysis. Assemble plan sheets for foundation location; and details for conduit, concrete foundation, connections, and plan view (3 additional sheets). Develop specifications for demolition, excavation and embankment, concrete, conduit, and counterpoise. Surveyors to stake new PAPI 2 locations for contractors to construct. Estimated at \$19,135.00

2. Estimated Completion Date: June 30, 2026

3. The compensation to be paid Ardurra for providing the requested services shall be:

- A. Lump Sum amount of: \$ _____
- B. A Not to Exceed Time and Materials charge of \$ 21,445
- C. Unit Cost/Time Charges

IN WITNESS WHEREOF, this Addendum is accepted on the date first above written subject to the terms and conditions above stated and the provisions set forth in the above-described Agreement.

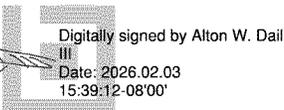
Ardurra Group, Inc.

SIGNED:  _____

TYPED NAME: Trey Dail, P.E.

TITLE: Northwest Aviation Group Leader

DATE: 2/3/2026



CLIENT: Kootenai County, Idaho

SIGNED: _____

TYPED NAME: Bruce Mattare

TITLE: Chairman, BOCC

DATE: _____

Return one fully executed copy to Consultant



EXHIBIT "A"
Ardurra Group, Inc. - Rocky Mountain Region
FUNCTIONAL FEE SCHEDULE
PROFESSIONAL SERVICES
Effective January 1, 2026

I. PERSONNEL	
Regional Manager/Director	\$295.00 - \$350.00 /hour
Project Manager	\$165.00 - \$265.00 /hour
Project Engineer	\$150.00 - \$240.00 /hour
Staff Engineer	\$130.00 - \$140.00 /hour
Environmental Specialist	\$100.00 - \$300.00 /hour
Aviation Planner	\$170.00 - \$300.00 /hour
Construction Manager	\$140.00 - \$190.00 /hour
GIS Specialist	\$115.00 - \$230.00 /hour
Inspector/Technician	\$100.00 - \$210.00 /hour
Information Technology	\$130.00 - \$175.00 /hour
Administrative	\$95.00 - \$150.00 /hour
II. LANDSCAPE ARCHITECT	
Landscape Architect	\$140.00 - \$195.00 /hour
III. SURVEYING	
Survey Manager	\$195.00 - \$300.00 /hour
Project Surveyor	\$125.00 - \$205.00 /hour
Survey Technician	\$90.00 - \$150.00 /hour
IV. SURVEY EQUIPMENT	
Aquatic Survey Vessel	\$200.00 /hour
GPS or Robotic Survey Equipment	\$75.00 /hour
Conventional Survey Equipment	\$25.00 /hour
GIS Data Logger	\$15.00 /hour
UAV Flight Charge	\$75.00 /flight
LiDAR System	\$800.00 /hour
Drill and Generator	\$80.00 /day
V. COMPUTER SOFTWARE	
Property Database Research	\$50.00 /hour
Traffic Modeling Software	\$36.00 /hour
CADD and Other Technical Software	\$10.00 /hour
SMS Software	\$25.00 /hour
VI. REPRODUCTION	
In-House Reproduction	Hourly Labor Rates Apply
Outside Reproduction	Actual Cost + 10%
VII. MILEAGE	
Vehicle	0.67 - 0.75 /mile
ATV Vehicle	\$20.00 /hour
VIII. OTHER DIRECT CHARGES	
Direct costs for material or services incurred for the project	Actual Cost + 10%

- When employees perform work that requires overtime, the billing rate for that overtime work will be increased to 130% of the rate established above. Overtime shall be defined as any work required of an employee in excess of 40 hours per week.
- When employees perform work that requires litigation or as a professional witness, the billing rate for that work will be increased to 200% of the rate established above.
- This fee schedule is subject to periodic adjustment.



Exhibit B
Estimated Project Budget
ASA #1
Relocate PAPI 2 on Runway 2 and Acquire LED Closure Markers
Personnel Hour Estimate
February 3, 2026

Task ITEM NO.	Description	Total Hours	Project Manager	Project Engineer	Survey Manager	Survey Tech/CADD	GIS Operator	Staff Eng'r (EI)	Clerical Intern	Estimated Task Fee
1	TASK 1 - ADMINISTRATION									
1.1	Prepare Scope of Work and Fee Estimate ASA	3	2						1	\$620.00
2	TASK 2 - LIGHTED CLOSURE MARKERS									
2.1	Meet with Airport Director to establish list of options for markers	5	3					2		\$1,095.00
2.2	Develop Specification of Criteria	6	4					2		\$1,360.00
3	TASK 3 - RUNWAY 02 PAPI RELOCATION FOR 45-FOOT THC									
3.1	Draft plans for new location and details	77	4	24			9	16	24	\$11,485.00
3.2	Develop Specifications - Concrete, Conduit, Excavation/Emb, Counterpoise	4	4							\$1,060.00
3.3	Coordinate review with SubConsultant	4	4							\$1,060.00
3.4	Procure pricing and contract change order	6	4					2		\$1,360.00
3.5	Stake PAPI-2 Location	10	2		2	6				\$1,830.00
	Subtotal of Estimated Fees		\$7,155.00	\$4,560.00	\$520.00	\$780.00	\$1,305.00	\$3,300.00	\$2,250.00	\$19,870.00
	Mileage at \$0.75	100								\$75.00
	SubConsultant Fees (Estimated Time for Dean to Review)									\$1,500.00
	Total Estimated Hours & Fee	115	27	24	2	6	9	22	25	\$21,445.00

A. Summary Estimated Labor Hours and Fees

Personnel	Hours	Rate	Extension
Project Manager	27	\$265.00	\$7,155.00
Project Engineer	24	\$190.00	\$4,560.00
Survey Manager	2	\$260.00	\$520.00
Survey Tech/CADD	6	\$130.00	\$780.00
GIS Operator	9	\$145.00	\$1,305.00
Staff Eng'r (EI)	22	\$150.00	\$3,300.00
Clerical	25	\$90.00	\$2,250.00
Total Labor Cost	115		\$19,870.00

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