



Industrial / Commercial Contracting
Air Field Construction
Sports Lighting · Electrical Utilities

Chad Hutchinson

Proposal

Papi Install 17/35

10/19/23

Price Includes

- *Installing two sets of 4 box owner furnished papis complete on existing pads.
- *Install grounding grid all the way around all 4 papis with 4/0 copper and 3/4 rods per detail.
- *Install 2-2" conduits between all units for controls and power to go in.
- *Install all flex and connectors to tie units into existing can bases.
- *Power units and aim and assist flight check for both ends.

Total: 42,980.00

This Quote is good for 9 months.



BROOKS - BERRY - HAYNIE & ASSOCIATES, INC.

November 6, 2023

Quote No. 2303100629

Augusta Regional Airport
1501 Aviation Way
Augusta, GA 30906

ATTN: Mr. David W. Widener

RE: Runway 17-35 PAPI Upgrade

Brooks-Berry-Haynie & Associates proposes to furnish the necessary materials, tools, equipment, labor and supervision required to successfully accomplish the installation described herein for the above referenced project as detailed below.

Pricing **\$79,766.50**

Specific Project Scope

1. Trench, backfill, and restore gravel/grassing for the installation of a new grounding system which will be routed around each of the four existing PAPI foundations.
2. Provide and install all bare copper wire, ground rods, exothermic welds, and terminations for the PAPI grounding system and connection to new PAPI light housings.
3. Demolish and dispose of existing PAPI light housings.
4. Install one new 2" PVC conduit between PAPI units for separation of control wiring and primary power cabling.
5. Install eight new PAPI light housings, provided by Others, on new EMT legs, equipped with floor flanges and frangible couplings, anchored to existing concrete foundations.
6. Install all conduit, connectors, and wiring between the existing base cans and new light housings. We assume all conduit to be existing and in good condition.
7. Install Owner provided L-830 isolation transformers and primary connector kits on existing L-824C, 5KV cabling.
8. Assist Owner with aiming and startup of the new PAPI system.
9. Provide all cleanup and disposal.
10. This quote is for two complete PAPI installations, one at each end of Runway 17-35.

General Conditions

1. Excavations shall be backfilled with excavated material. Any excess spoils from backfill operations shall be disposed of on site. If excavated material is unsuitable for backfill, then suitable material shall be provided on site for BBH use.

2. BBH shall not be required to commence or continue work unless sufficient areas are ready to insure continuous work.
3. Concrete debris (including existing footings, foundations, or manholes) and rock removal is excluded.
4. Testing for soils and ready mix concrete are excluded.
5. Engineering, engineering fees, geotechnical engineering, plan check fees, permits are excluded.
6. All hazardous materials removal or abatement is excluded.
7. We exclude damage to any private or unmarked utility lines or utility company make-ready work. Any repairs that BBH is directed to make is payable by the Prime Contractor to BBH.
8. This quote is contingent upon the negotiation of mutually agreeable contract terms. This quote is valid for a period of 180 days.
9. This proposal shall become a part of any subcontract awarded to Brooks-Berry-Haynie.
10. Notwithstanding any provision to the contrary, BBH shall maintain the types and limitations of insurance as shown on the attached sample certificate of insurance. BBH is not required to include Prime Contractor, Owner or any others as additional insured or named insured, nor to waive any claims or rights of subrogation against the Prime Contractor, Owner or any others for losses and claims covered or paid by BBH's workers compensation or general liability insurance. Any modifications to this insurance requirement shall be requested before the project bids.

Please review this scope and general conditions, if you should have any questions; please feel free to contact me. We appreciate the opportunity to provide you with this proposal and look forward to working with you in the future.

Very truly yours,



Jared Barfield
Vice President
jbarfield@bbhelectric.com
704-357-8880 Business



Southeast Site Services, LLC

Matt Bragg
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Gray, GA 31032
706-713-6460 Phone
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Georgia Electrical License #EN214314

PROJECT PROPOSAL ****REVISION 1****

DATE: October 18, 2023

JOB NAME: Augusta Regional Airport – Runway 17-35 PAPI Replacement

SCOPE OF WORK: See Page 3 of this proposal

We are pleased to submit this proposal, which includes all labor, equipment, materials, insurance, and taxes (when applicable), unless otherwise specified, per the Scope of Work, Revised Drawings, Terms and Conditions and Specification Sheets herein. Valid for 180 days from the date of this proposal.

TERMS & CONDITIONS

1. This proposal does not include any surveying.
2. It is assumed that the existing PAPI foundations are in the correct location, orientation, and elevation. Any changes required for the foundations will require a change order.
3. Access to the runway centerline will be required to install the PAPI Light Housing Assemblies (LHA), escorts and access shall be provided by the owner.
4. Base plates for LED PAPIs require multiple hubs (2 hub base plates on LHA's 1 and 4, 3 hub base plates on LHA's 2 and 3). These base plates are not provided in this quote.
5. The #4/0 ground grid provided in this quote will be installed at 12" depth, and will be installed 24" outside of the edge of the PAPI foundations.
6. This quote does not provide any power or control cable from the vault to the first PAPI LHA. This quote does include new power cable between from LHA 1 to LHA 4 on each PAPI.
7. All excavated materials shall be spun off immediately adjacent to the hole and spread. Any removal of said materials to another location shall be through a change order in addition to any existing contract or agreement. Any grading required, cut or fill, shall be by others.
8. All trenches will be backfilled; machine compacted and dressed with the excavated materials only. Seeding, grassing, erosion control, etc. is to be performed by the prime contractor.
9. This proposal is based on normal soil conditions of 2000/PSF and do not allow, and are not limited to, the excavation of any unforeseen obstacles such as rock, asphalt, concrete, fluid soil

conditions, buried debris, or excessive mud. Execution of such excavation shall be through a change order in addition to any existing contract or agreement.

10. It is the responsibility of others to locate private utilities and any other buried items. We are not responsible for damages due to improper or no locates.
11. This proposal is based on limited mobilizations to complete the project. Any additional trips to complete the project beyond the control of SSS, due to other trades, vendors, persons, etc., not employed or contracted by SSS for this project, may result in additional costs and/or delivery charges.
12. This proposal is based on normal working hours (7:00am to 7:00pm) and work days (Monday-Friday). Any other work schedule will have additional costs.
13. Large and heavy equipment are required to complete this project. This proposal is based on total access for all equipment necessary. While all due care will be taken, any items of concern, but not limited to landscape, grass, sidewalks, fencing, etc. should either be removed or protected by others in a timely manner so we can complete the project. While we have no problem with submitting a price for the care of said items, we cannot be held responsible if they are damaged under this proposal.
14. A certificate of insurance will be provided upon award of contract.
15. Performance and payment bonds are not included in this proposal. Add 3% to total if required.
16. SSS shall have no responsibility or liability for labor, materials or equipment provided by others or any results due to proposal recipient's failure to comply with the Scope of Work, Terms and Conditions herein.
17. SSS shall have no responsibility for material or work damaged by others.
18. This proposal does not include any cost from the FAA for flight check inspection.

Thank you for the opportunity to bid on this project. Should you have any questions, please feel free to call me at (706) 713-6460. If accepted, please sign, date, and return via mail. A fully executed copy will be returned to you for your records.

Sincerely,

Matt Bragg

Southeast Site Services LLC Title: _____ Date - _____

Accepting Party Title: _____ Date - _____

Southeast Site Services, LLC

PROPOSAL SCHEDULE					
Augusta Regional Airport					
Augusta, GA					
Runway 17-35 PAPI Replacement					
Item No.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENDED TOTAL
1	Install Owner Provided PAPIs on Existing Foundations	2	EA	\$ 30,900.00	\$ 61,800.00
2	Flight Check Support	1	EA	\$ 2,000.00	\$ 2,000.00
PROPOSAL TOTAL:					\$ 63,800.00