#### **ADDENDUM NO. 1**

TO

LaGrange-Callaway Municipal Airport (KLGC)
Taxiway 'A' Project
(AP024-9000-3X(XXX))

Addendum Date: May 6, 2025 Proposal opening Date: May 15, 2025 @ 10:00 a.m.

#### **To Prospective Bidders:**

The following provides responses to questions that have been received during the bidding period regarding the contract documents, specifications and plans for the above referenced project:

Question 1: Is the paving contractor responsible for completing the electrical portion of the bid (Base Bid 2), or are base bids 1 & 2 completely separate bids?

Troup County will only contract with one prime contractor. Prime contractor must fill out the entire bid tab. Prime contractor can be the paving contractor or electrical contractor if desired.

Question 2: Are there any special FAA requirements for the FDR? (ex: freeze-thaw or wet-dry testing)

See Specification P-207 in the Bid Booklet for the FAA requirements for the Full Depth Reclamation.

Question 3: Can you please provide the sign-in sheet from the Prebid meeting?

Sign-in sheet and meeting minutes from the pre-bid meeting are included in this Addendum

Question 4: Is there a proposed budget for this project?

Project funding is dependent on available funding from GDOT. Exact budget is not known at this time.

Question 5: Bid docs stipulate that we are to include tax in our bid, but the bid docs say the project is tax exempt. Please clarify.

Project is NOT tax exempt.

Question 6: Please confirm the contractor is responsible for QC testing only, and the Owner will handle all other necessary testing.

Owner will provide QA testing by a third party testing firm.

Question 7: Please confirm badging is not required.

No badging is required.

Question 8: Please confirm security guards are not required.

No security guards are required.

Question 9: Please confirm the only safety training necessary will be the safety orientation that the owner will conduct.

Owner will provide safety training orientation. It is the contractor's responsibility to follow all applicable safety regulations. Attending the safety training does not release the contractor from following all safety regulations during construction.

Question 10: Please confirm if there is a preference to have Lighted X's or just the Fabric X's for the runway closures. Or if both are required.

Lighted X's are preferred.

Question 11: Please provide the directions to the waste/borrow pit that was discussed yesterday.

Directions & approved haul route to the waste and borrow pit will be provided in a future addendum.

Question 12: Can the topsoil that is called out for backfill on the shoulders be taken from the borrow pit, or does it have to be imported from a separate source?

The quality of the topsoil at the barrow pit is unknow. It is the contractor's responsibility to provide adequate topsoil to the site regardless of what is available on-site.

Question 13: Please confirm that sign bases are not to be replaced.

See Bid item 2-3. Foundations of existing sign bases shall be reused.

Question 14: It was discussed that the asphalt on the haul routes for Phase 2 and 3 are in rough condition in certain areas. Can the owner establish an allowance pay-item for this work if it is to be done?

No allowance will be established for reconstruction of haul routes.

Question 15: There was mention that the reduction of size of taxiway A was going from 50' wide down to 35' wide. In another instance, it was mentioned to be reduced down to 30'. Please clarify which width we are to use.

Please refer to the plans for taxiway widths. Taxiway width is not consistent throughout the full scope of the project.

Question 16: For the access road at the end of Taxiway A and Taxiway A5, please confirm which paving detail we are to use when this is replaced.

See page P-15 of the plans, detail "ACCESS ROAD PAVEMENT SECTION."

Question 17: For the access road at the end of Taxiway A and Taxiway A5, sheet 37 note 11 says this is to be incidental to Unclassified Grading. Please confirm if this is to be paid out of line item 1-5 in Base Bid 1, or if a new line item will be added.

Note 11 states that the removal is incidental to bid item 1-5. Paving for the access road shall be under 1-12. Graded aggregate base is under 1-11. Quantities for the access road have been accounted for under these bid items.

Question 18: Please confirm which bid item the Phase 1 haul road will be paid out of. Also please confirm this is to be left in place after construction.

Haul Route shall be incidental to mobilization

Question 19: Will the project be awarded off of the base bid price, or a combination of the base bid plus the alternates?

The project will be awarded based on an analysis of all alternatives, not just the base bid.

Question 20: Will a Bid Guaranty/Bid Security form be provided by the owner to be included with our submittal or can the Bidder use their Bonding Company's form? On page 19 of the proposal, under Bid Security, the 2<sup>nd</sup> paragraph, first sentence, it states "A Bidder's bond must be executed on the form furnished by the Owner...." Please advise

The contractor may use their bonding companies form. The contractor does not need to utilize the owners form.

#### Specifications:

Entry 1: Pages P.2 – P.4; Item #1-12, Item #A-4, Item #C-2, and Item #C-3 have all been updated to match the bid schedule on the plans. Only language changes were made. No changes to quantities.

*Entry 2:* Page NTB.2; Item #1-12 and Item #2-10 have been updated to match the bid schedule on the plans. Only language changes were made. No changes to quantities.

Entry 3: Pages NTB.2 – NTB.3; Bid Titles (both Base & Alternatives) updated to reflect accurate titles.

END OF CHANGES PER ADDENDUM NO. 1

Prepared/Approved By:

Alexander K. Mooney, PE, Project Manager

Alfred Benesch & Company 600 Peachtree Street NE, Suite 2410 Atlanta, GA 30308 (770) 891 2690



LaGrange Callawat Airport Taxiway A Pavment Rehabilitation & Lighting Benesch Project No. 19024029 AP024-9052-44(285)

Pre-Bid Meeting Attendance List May 1, 2025

| Agency / Contractor  | Name             | Phone #        | Email Address                                       |
|--|------------------|----------------|---|
| Troup County   | Troy Anderson    | (706) 616 1553 | tanderson@troupcountyga.gov                         |
| Troup County   | Ramona Gillham   | (706) 333 2000 | RGillham@troupcountyga.gov                          |
| GDOT   | Nick Sayles      | (229) 387 7097 | NSayles@dot.ga.gov                                  |
| Alfred Benesch & Company   | Alexander Mooney | (770) 891 2690 | <u>amooney@Benesch.com</u>                          |
| Block Construction   | Peter Byhogios   | 404-326-7677   | 404-326-7617 peter. organiza Objantzanstructur. com |
| O Wethers  | Josh Mane        | 470-695-8633   | Mike Knowmothews. con                               |
| Brown Doctric  | Todd Fed         | 706-5949173    | 706-5949172 toddebrantelectriclg, con               |
| The Diploment Perina   | JAKE ESteS       | 673-937-328C   | icke @ Diedmontpaving, com                          |
| 7 Cordinate Contraction Contra | Damon Derixan    | 1896-096-0+h   |   |
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# LaGrange-Callaway Airport (KLGC) Taxiway A Pavement Rehabilitation & Lighting AP024-9052-44(285)

**Meeting Minutes** 

## Pre-Bid Meeting (Non-Mandatory)

Wednesday, May 1st, 2025 at 10:00 a.m.

Held In-Person at: LaGrange Callaway Airport 200 Airport Pkwy LaGrange, GA 30240

## 1. Welcome & Role Call:

Airport Sponsor Troy Anderson, Airport Manager

(Troup County & City of LaGrange): (706) 616 1553

Civil Engineer Alexander Mooney, PE

(Alfred Benesch & Company): (770) 891 2690

GDOT Project Manager Nicholas Sayles (229) 387 7097

## 2. Bidding Highlights

- Bid Opening: Thursday May 15, 2024 at 10:00 a.m. (offices of Troup County, 100 Ridley Ave, Suite 3100, LaGrange, Georgia, 30240). Do NOT Deliver to Airport.
- Bid Holding Period: 120 Calendar Days
- Bids Must Be Submitted On Official Proposal Form/Booklet Provided By Benesch.
- Bid Sections/Add Options. Bid <u>ALL</u> Items. Alternatives will be selected in order and are sorted by priority for the airport.
  - Base Bid 1: Taxiway A Pavement Rehabilitation
  - Base Bid 2: Taxiway A Electrical
  - o Alternate A: Taxiway 'T' Pavement Rehabilitation
  - o Alternate B: Taxiway 'A' Full Pavement Rehabilitation
  - o Alternate C: Unnamed Taxiway Pavement Rehabilitation
  - o Alternate D: Taxiway 'S' Pavement Removal
- Bid Item Highlights
  - o Item 1-10 P-207-1 Full Depth Reclamation

<sup>\*</sup>Role Call (Benesch to Record Names & Phone #'s)



## 3. General Contract Requirements

- Bid Guaranty Required (5% Of Bid Amount). Attach Bid Guaranty To Official Proposal Form.
- Pre-qualifications: "Need Not Be Pre-Qualified, But Shall Be Qualified To Do The Work".
- Davis Bacon: Wage Rates (Highway), Certified Payrolls During Construction
- Performance And Payment Bonds Required For Successful Bidder
- Do Include Sales Tax In Your Bid.
- E-Verify (Work Eligibility Status Under the Federal Work Authorization Program)
- Insurance Requirements (Spec: *General Provisions 70-21*)
- Contract Award & NTP: Subject To GDOT/FAA Concurrence/Approval.

## 4. Filling Out The "Official Proposal Form"

- Refer To PROPOSAL SUBMITTAL CHECKLIST At Front Of Official Proposal Form.
- Submit **ENTIRE** Official Proposal Form.
- Fill In Unit Prices, Extensions, Totals (*Page P-1 thru P-2*).
- Addendums
  - No Addendums Released as of May 1, 2025
  - o Acknowledge Receipt Of All Addendums (Page P-4)
  - Deadline For Final Questions May 8, 2025
  - Deadline To Issue Final Addenda May 12, 2025
- Additional Insured Charge Amount (Page P-6)
- DBE
  - Project Goal = 9.73%
  - O DBE Utilization (*Page P-11*) Required With Bid Submission.
  - Good Faith Efforts
  - DBE Letter of Intent From Each Individual DBE Firm (*Page P-13*) Required Within 5 Days After Bid Opening Or Can Submit With Bid.
- "Tentative" List of Subcontractors (*Page P-15*), Required With Bid Submittal.
- Buy American (B.A.)
  - o B.A. Certification (*Page P-17*), Required With Bid Submission.
    - Will Become Obligation of Contractor's Contract.
    - Verified With All Shop Drawing Submittals
  - B.A. Waiver Request (*Page P-19*), If Required, Submit Within 15 Calendar Days After Bid Opening.
  - B.A. Component Cost Calculation Table (*Page P-21 & P-22*), If Required, Submit Within 15 Calendar Days After Bid Opening.
  - B.A. Conformance Listing (*Page P-23*), If Required, Submit Within 15
     Calendar Days After Bid Opening. (Refer To Appendix 5 For Nationwide Waivers Issued.)
- Certificate of Bidder Regarding Tax Delinquency and Felony Convictions (*Page P-24*)
- Sign Proposal (*Pages P-7 to P-9*)



Signature Applicable To Entire Section

#### 5. Construction

- The Owner Intends To Issue A Notice To Proceed (NTP) For Construction To Begin As Soon As Possible After Contracts Are Executed ~ July 2025
- All Phases: 120 Calendar Days
  - Phase 1A: 60 Calendar Days
  - Phase 1B: 30 Calendar Days
  - Phase 2A: 60 Calendar Days
  - o Phase 2B: 30 Calendar Days
  - Phase 3A: 60 Calendar Days
  - Phase 3B: 30 Calendar Days
    - Phases A&B must be concurrent
- Striping will Require A 30 Day Wait Period Between Temporary And Permanent Markings. Calendar Days Shown Exclude This Wait Period And An Additional Number Of Days Will Be Provided To Perform The Permanent Markings.
- Project Completion: NLT February 1, 2026
- Liquidated Damages:
  - \$2,500/Calendar Day For Phase 1B, 2B & 3B
  - \$500/Calendar Day For Phase 1A, 2A & 3A

## 6. Badges, Security, Gates/Access Points, Staging/Stockpile Locations

- Reference Construction Safety & Phasing Plan (CSPP) Sheets (Appendix 2 Of The Spec Book, Project Drawings) for All Requirements.
- Haul Routes and Gate Access Per Plans.
- Owner To Complete Quick On-Site "Safety Orientation Training".
- Set Up Barricade System per CSPP plan for each Phase.
  - o Entirety of Project Is "Airside" Work
- Staging/Stockpile Areas In Contractor Work Areas.
- Contractor Safety Plan Compliance Document (SPCD) Requirement.

#### 7. Equipment Furnished by Others

- 25 lighted low-profile barriers. 6' wide.
- No cones available.

## 8. Major Work Items

- Site Preparation/Mobilization
- Temporary Airport Safety Measures
  - o Low Profile Barricades
  - Runway Closure Markings
- Airfield Pavement Marking Removals Water Blasting Only



- Airfield Pavement Marking Done In Two Applications. Contractor will need to perform survey to ensure all markings are striped accurately.
- Contractor shall perform a job mix formula for the FDR that is subject to approval by the engineer.
- Clean Work Area Pavements And Removal of Safety Measures

#### 9. Cooperation Between Contractors (General Provisions 50-06)

Aircraft Right of Way

#### 10. Site Visits

Coordinate with Troy Anderson

#### Disclaimer Note:

All Project/Contract Requirements Listed Above Or Discussed During Meeting Shall Be Verified, By Contractors, Against <u>Signed</u> Plans & Specifications And Against Official Addendum Issued By Owner's Representative.

"Verbal Explanations, Interpretations Or Comments Made By The Owner Or Owner's Representative Shall Not Be Binding." [ITB-2]

- Troy: has 25 lighted barriers, some flags (15). Can be used by contractor.
- *M-F 8am − 6pm* 
  - Weekends 9 am to 5 pm
- On Christmas day and Thanksqiving Day the airport has no staff.
- Flashers need to be on when onsite
- Speed limit is 10 mph
- Orange and white checkered flags are required on site.
- Q1: Are the haul routes in bad condition and would need to be replaced?
  - Haul route 2 has a poor pavement, caution required.
  - Haul route 1 may need to be graveled.
  - Haul route 3 is in poor condition but should not need anything.
- Runway inspections will be done after B phases to reopen runway.
- No milling before FDR installation.
- We have the right to kill any wildlife, do not be alarmed by gunfire.
- The airport will provide blue reflectors to cover taxiway light shutdowns.
- The Sponsor will do RPR and QA testing. Contractor to do QC testing.
- Electrical will be shut off so staff can safely work. Reflectors installed and NOTAMs issued.

## SEE SCHEDULE OF QUANTITIES BELOW:

| ITEM<br>NO.  | SPEC<br>ITEM NO. | APPROX.<br>QUANTITY  | UNIT           |       |
|--------------|------------------|--|----------------|-------|
|              |                  | VAY 'A' PAVEMENT REHABILITATION  | QUIIVIIII      |       |
| 1-1          | C-100-1          | Contractor Quality Control Program (CQCP)  | 1              | L.S.  |
| 1-2          | C-105-1          | Site Preparation and Mobilization (10% Max Bid Section 1)  | 1              | L.S.  |
| 1-3          | P-101-1          | Full Depth Pavement Removal  | 6,848          | S.Y.  |
| 1-4          | P-151-1          | Clearing and Grubbing  | 944            | S.Y.  |
| 1-5          | P-152-1          | Unclassified Excavation (cut)  | 250            | C.Y.  |
| 1-6          | P-152-2          | In-Place Embankment (fill)   | 3,809          | C.Y.  |
| 1-7          | C-102-1          | Temporary Sediment Trap  | 2              | EA    |
| 1-8          | C102-2           | Crushed Aggregate, for Stone outlet protection (St) and Rock Dam (Rd) (18" depth)  | 111            | S.Y.  |
| 1-9          | C102-3           | Construction Entrance & Staging Area   | 3              | EA    |
| 1-10         | P-207-1          | In-Place Full Depth Reclamation (FDR) Recycled Asphalt Aggregate Base Course (8" thick)  | 13,005         | S.Y.  |
| <b>YT-YT</b> | YP-30941         | Crushed Aggregate Base Courses 8.0 Thick   | <b>~~?21~~</b> | VS.Y. |
| 1-12         | GDOT 400-1       | Asphalt Surface Course, 3.0" Thick   | 2,341          | Tons  |
| Y-13\        | P-620-1          | Taxiway Marking Ard Stripling Yellow, Including Buffestive Media And Microbicide   | 8,249          | S.F.  |
| 1-14         | GDOT 656-1       | Obliterate Pavement Markings   | 656            | S.F.  |
| 1-15         | T-901-1          | Seeding & Fertilizing  | 3              | AC    |
| 1-16         | T-905-1          | Topsoil (Furnished From Off The Site)  | 866            | C.Y.  |
| 1-17         | T-908-1          | Mulching   | 3              | AC    |
| BASE E       | BID 2 - TAXIV    | VAY 'A' ELECTRICAL   |                |       |
| 2-1          | C-105-2          | Site Preparation and Mobilization (10% Max Bid Section 2)  | 1              | L.S.  |
| 2-2          | L-125-6          | Remove Base Mounted Sign, Including Foundation, Complete   | 4              | EA    |
| 2-3          | L-125-7          | Remove Existing Taxiway Sign and Reuse Foundation  | 28             | EA    |
| 2-4          | L-125-8          | Remove Base Mounted Taxiway Edge Light   | 70             | EA    |
| 2-5          | L-125-9          | Remove Stake Mounted Taxiway Edge Light  | 170            | EA    |
| 2-6          | L-108-1          | Trenching for Direct Buried Cable, 18-inch minimum depth   | 17,000         | L.F.  |
| 2-7          | L-108-2          | #8 AWG, 5 kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit   | 20,801         | L.F.  |
| 2-8          | L-108-3          | No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed In Trench, Above the Duct Bank Or Conduit, Including Connections/Terminations | 16,295         | L.F.  |
| 2-9          | L-108-4          | No. 6 AWG, Insulated, Stranded "Green" Equipment Ground, Installed in Duct Bank or Conduit   | 17,073         | L.F.  |
| 2-10         | L-109-1          | Electrical Vault Work  | 1              | EA    |
| 2-11         | L-109-2          | Install New L-829 10 kW Constant Current Regulator (Taxiway)   | 1              | EA    |
| 2-12         | L-110-1          | Non-Encased, Electrical Conduit, 1-Way 2-Inch (50mm) C   | 500            | L.F.  |
| 2-13         | L-115            | Electrical Handhole, L-867 Size B, With Blank Cover  | 8              | EA    |
| 2-14         | L-125-1          | Medium Intensity, LED, Taxiway Edge Light, L-861T(L), Blue Filter, Class 1, Mode 1, Option 4, Stake Mounted                              | 161            | EA    |
| 2-15         | L-125-2          | Medium Intensity, LED, Taxiway Edge Light, L-861T(L), Blue Filter, Class 2, Mode 1, Option 4, Base Mounted                               | 69             | EA    |
| 2-16         | L-125-3          | 1 Module Mandatory Guidance Sign, L-858R, LED, Size 2, Style 2, Mode 1, Complete   | 5              | EA    |

| 2.17   |                       | 1             |   |  |       |
|--|-----------------------|---------------|---|--|-------|
| ALTERNATE A: BASE BID 1 - TAXIWAY TPAVEMENT REHABILITATION   430 S.Y.  | 2-17                  | L-125-4       |   | 17   | EA    |
| ALTERNATE A: BASE BID 1 - TAXIWAY 'T' PAVEMENT REHABILITATION   A-2   P-152-2   In-Place Embankment (fill)   196   C.Y.  | ~248~                 | L-125,5       |   | ~~~  | FA    |
| A  | ALTEI                 | RNATE A · BAS |   |  |       |
| A-2  | 1                     |               |   | May M  | Legy  |
| A-3  |                       |               | •   |  | +     |
| A-4   GDOT   Asphalt Surface Course, 3.0" Thick   328   Ton  |                       |               | In-Place Full Depth Reclamation (FDR) Recycled Asphalt Aggregate Base |  |       |
| A-5  | A-4                   |               |   | 328  | Ton   |
| A-6  | A-5                   |               | Obliterate Pavement Markings  | 151  | S.F.  |
| A-8  | A-6                   | P-620-1       |   | 1,873  | S.F.  |
| Accordance   | A-7                   | T-901-1       | Seeding & Fertilizing   | 1  | AC    |
| ALTERNATE B: BASE BID 1 - TAXIWAY 'A' FULL PAVEMENT REHABILITATION BY PY00 - Full Depth Pavement Removal   | A-8                   | T-905-1       | Topsoil (Furnished From Off The Site)                                 | 48   | C.Y.  |
| B-1  | A 9Y                  | T-908-1       | Mulching  |  | YAC   |
| B-2  | ALTEI                 | RNATE B: BAS  | SE BID 1 - TAXIWAY 'A' FULL PAVEMENT REHABILITATION                   |  |       |
| B-3  |                       |               |   | <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del> | Ls.Y. |
| B-3  | B-2                   | P-152-2       | In-Place Embankment (fill)  | 1,348  | C.Y.  |
| B-5  | B-3                   | P-207-1       |   | 14,568   | S.Y.  |
| B-5   400-1   Asphalt Surface Course, 3.0" Thick   2,622   10n   | B-4                   | P-209-1       | Crushed Aggregate Base Course, 8.0" Thick                             | 166  | S.Y.  |
| B-0   F-620-1   Microbicide   S,0/4   S,F.   | B-5                   |               |   | 2,622  | Ton   |
| B-8 T-901-1 Seeding & Fertilizing 1 AC B-9 T-905-1 Topsoil (Furnished From Off The Site) 319 C.Y.  B40 T-908-1 Muching 1 AC  ALTERNATE C: BASE BID 1 - UNNAMED TAXIWAY PAVEMENT REHABILITATION C-1 I-101-6 Cold Mith (0 to 2 inches) 2,061 S.A.  C-2 GDOT 400-1 Asphalt Surface Course, 2.0" Thick 247 Ton  C-3 P-603-1 Emulsified Asphalt Tack Coat 515 GAL  C-4 P-620-1 Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide 989 S.F.  ALTERNATE D: BASE BID 1 - TAXIWAY 'S' PAVEMENT REMOVAL  D-1 P-152-2 In-Place Embankment 3,556 C.Y.  D-3 GDOT 656-1 Obliterate Pavement Markings 51 S.F.  D-4 T-901-1 Seeding & Fertilizing 2 AC  D-5 T-905-1 Topsoil (Furnished From Off The Site) 808 C.Y.   | B-6                   | P-620-1       |   | 8,074  | S.F.  |
| B-9   T-905-1   Topsoil (Furnished From Off The Site)   319   C.Y.   | B-7                   |               | Obliterate Pavement Markings  | 178  | S.F.  |
| Balo   Taylor   Mulching   1   | B-8                   | T-901-1       | Seeding & Fertilizing   | 1  | AC    |
| ALTERNATE C: BASE BID 1 - UNNAMED TAXIWAY PAVEMENT REHABILITATION           C-1         P.60-0.1         Asphalt Surface Course, 2.0" Thick         247         Ton           C-2         GDOT 400-1         Asphalt Surface Course, 2.0" Thick         247         Ton           C-3         P-603-1         Emulsified Asphalt Tack Coat         515         GAL           C-4         P-620-1         Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide         989         S.F.           C-5         GDOT 636-1         Obliterate Pavement Markings         59         S.F.           ALTERNATE D: BASE BID 1- TAXIWAY 'S' PAVEMENT REMOVAL         7,274         S.X.           D-1         P-152-2         In-Place Embankment         3,556         C.Y.           D-3         GDOT 656-1         Obliterate Pavement Markings         51         S.F.           D-4         T-901-1         Seeding & Fertilizing         2         AC           D-5         T-905-1         Topsoil (Furnished From Off The Site)         808         C.Y. | B-9                   | T-905-1       | Topsoil (Furnished From Off The Site)                                 | 319  | C.Y.  |
| C-2 GDOT Asphalt Surface Course, 2.0" Thick 247 Ton  C-3 P-603-1 Emulsified Asphalt Tack Coat 515 GAL  C-4 P-620-1 Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide 989 S.F.  GDOT Obliterate Pavement Markings 59 S.F.  ALTERNATE D: BASE BID 1- TAXIWAY 'S' PAVEMENT REMOVAL  D-1 P-152-2 In-Place Embankment 3,556 C.Y.  D-3 GDOT Obliterate Pavement Markings 51 S.F.  D-4 T-901-1 Seeding & Fertilizing 2 AC  D-5 T-905-1 Topsoil (Furnished From Off The Site) 808 C.Y.  | <b>YB</b> 10 <b>Y</b> | T-908-1       | Mulching  |  | Y ACY |
| C-2         GDOT 400-1 Asphalt Surface Course, 2.0" Thick         247 Ton           C-3         P-603-1 Emulsified Asphalt Tack Coat         515 GAL           C-4         P-620-1 Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide         989 S.F.           C-5         GDOT 656-1 Obliterate Pavement Markings         59 S.F.           ALTERNATE D: BASE BID 1- TAXIWAY 'S' PAVEMENT REMOVAL         7,274 S.X.           D-2         P-152-2 In-Place Embankment         3,556 C.Y.           D-3         GDOT 656-1 Obliterate Pavement Markings         51 S.F.           D-4         T-901-1 Seeding & Fertilizing         2 AC           D-5         T-905-1 Topsoil (Furnished From Off The Site)         808 C.Y.   | ALTEI                 | RNATE C: BAS  | SE BID 1 - UNNAMED TAXIWAY PAVEMENT REHABILITATION                    |  |       |
| C-2  | YOU                   | LAIDLA)       | Colld Mith (10 to 2 inches)   | <u> </u>   | SY    |
| C-4 P-620-1 Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide  GDOT Obliterate Pavement Markings  ALTERNATE D: BASE BID 1- TAXIWAY 'S' PAVEMENT REMOVAL  D-1 P-101-1 Full Depth Pavement Removal  D-2 P-152-2 In-Place Embankment  3,556 C.Y.  D-3 GDOT 656-1 Obliterate Pavement Markings  51 S.F.  D-4 T-901-1 Seeding & Fertilizing  2 AC  D-5 T-905-1 Topsoil (Furnished From Off The Site)  808 C.Y.   | C-2                   |               | Asphalt Surface Course, 2.0" Thick                                    | 247  | Ton   |
| C-4  | C-3                   | P-603-1       | 1   | 515  | GAL   |
| ALTERNATE D: BASE BID 1- TAXIWAY 'S' PAVEMENT REMOVAL  | C-4                   |               |   | 989  | S.F.  |
| D-1         P-101-1         Full Depth Parlement Removal         7,274         S.Y.           D-2         P-152-2         In-Place Embankment         3,556         C.Y.           D-3         GDOT 656-1         Obliterate Pavement Markings         51         S.F.           D-4         T-901-1         Seeding & Fertilizing         2         AC           D-5         T-905-1         Topsoil (Furnished From Off The Site)         808         C.Y.   | ( _ · ·               | 636-1         |   | ~~ <sup>59</sup> ~~                              | SF    |
| D-2         P-152-2         In-Place Embankment         3,556         C.Y.           D-3         GDOT 656-1         Obliterate Pavement Markings         51         S.F.           D-4         T-901-1         Seeding & Fertilizing         2         AC           D-5         T-905-1         Topsoil (Furnished From Off The Site)         808         C.Y.   | \                     |               |   |  |       |
| D-3         GDOT 656-1         Obliterate Pavement Markings         51         S.F.           D-4         T-901-1         Seeding & Fertilizing         2         AC           D-5         T-905-1         Topsoil (Furnished From Off The Site)         808         C.Y.  |                       |               | 1   | · · · · · · · · · · · · · · · · · · ·            |       |
| D-3         Obliterate Pavement Markings         51         S.F.           D-4         T-901-1         Seeding & Fertilizing         2         AC           D-5         T-905-1         Topsoil (Furnished From Off The Site)         808         C.Y.   | D-2                   | +             | In-Place Embankment   | 3,556  | C.Y.  |
| D-5 T-905-1 Topsoil (Furnished From Off The Site) 808 C.Y.   |                       | 656-1         |   |  |       |
|  |                       |               |   | 2  | AC    |
| D-6 T-908-1 Mulching 2 AC  | D-5                   |               |   | 808  |       |
|  | D-6                   | T-908-1       | Mulching  | 2  | AC    |

| 1.6     | D 150 0       | I DI E I I (CII)   | 2.000  | C.V. | Φ.    | ф               |
|---------|---------------|--|--------|------|-------|-----------------|
| 1-6     | P-152-2       | In-Place Embankment (fill)   | 3,809  | C.Y. | \$    | \$              |
| 1-7     | C-102-1       | Temporary Sediment Trap  | 2      | EA   | \$    | \$              |
| 1-8     | C102-2        | Crushed Aggregate, for Stone outlet protection (St) and Rock Dam (Rd) (18" depth)  | 111    | S.Y. | \$    | \$              |
| 1-9     | C102-3        | Construction Entrance & Staging Area   | 3      | EA   | \$    | \$              |
| 1-10    | P-207-1       | In-Place Full Depth Reclamation<br>(FDR) Recycled Asphalt Aggregate<br>Base Course (8" thick)  | 13,005 | S.Y. | \$    | \$              |
| 1-11    | P-209-1       | Crushed Aggregate Base Course, 8.0" Thick  | 221    | S.Y. | \$    | \$              |
| 1-12    | GDOT<br>400-1 | Asphalt Surface Course, 3.0" Thick (assume 160lbs/CF)  | 2,341  | Ton  | \$    | \$              |
| 1-13    | P-620-1       | Taxiway Marking And Striping,<br>Yellow, Including Reflective Media<br>And Microbicide   | 8,249  | S.F. | \$    | \$              |
| 1-14    | GDOT<br>656-1 | Obliterate Pavement Markings   | 656    | S.F. | \$    | \$              |
| 1-15    | T-901-1       | Seeding & Fertilizing  | 3      | AC   | \$    | \$              |
| 1-16    | T-905-1       | Topsoil (Furnished From Off The Site)  | 866    | C.Y. | \$    | \$              |
| 1-17    | T-908-1       | Mulching   | 3      | AC   | \$    | \$              |
|         |               |  |        | BAS  | E BII | D 1 – TOTAL: \$ |
| BASE BI | D 2 - TAXI    | IWAY 'A' ELECTRICAL  |        |      |       |                 |
| 2-1     | C-105-2       | Site Preparation and Mobilization (10% Max Bid Section 2)  | 1      | L.S. | \$    | \$              |
| 2-2     | L-125-6       | Remove Base Mounted Sign,<br>Including Foundation, Complete  | 4      | EA   | \$    | \$              |
| 2-3     | L-125-7       | Remove Existing Taxiway Sign and Reuse Foundation  | 28     | EA   | \$    | \$              |
| 2-4     | L-125-8       | Remove Base Mounted Taxiway Edge Light   | 70     | EA   | \$    | \$              |
| 2-5     | L-125-9       | Remove Stake Mounted Taxiway Edge Light  | 170    | EA   | \$    | \$              |
| 2-6     | L-108-1       | Trenching for Direct Buried Cable,<br>18-inch minimum depth  | 17,000 | L.F. | \$    | \$              |
| 2-7     | L-108-2       | No. 8 AWG, 5 kV, L-824, Type C<br>Cable, Installed in Trench, Duct<br>Bank, or Conduit   | 20,801 | L.F. | \$    | \$              |
| 2-8     | L-108-3       | No. 6 AWG, Solid, Bare Copper<br>Counterpoise Wire, Installed In<br>Trench, Above the Duct Bank Or<br>Conduit, Including<br>Connections/Terminations | 16,295 | L.F. | \$    | \$              |
| 2-9     | L-108-4       | No. 6 AWG, Insulated, Stranded "Green" Equipment Ground, Installed in Duct Bank or Conduit   | 17,073 | L.F. | \$    | \$              |
| 2-10    | L-109-1       | Electrical Vault Work  | 1      | EA   | \$    | \$              |
| 2-11    | L-109-2       | Install New L-829 15 kW Constant<br>Current Regulator (Taxiway)  | 1      | EA   | \$    | \$              |
| 2-12    | L-110-1       | Non-Encased, Electrical Conduit, 1-<br>Way 2-Inch (50mm) C   | 500    | L.F. | \$    | \$              |

| 2-13   | L-115         | Electrical Handhole, L-867 Size B,<br>With Blank Cover   | 8               | EA          | \$   | \$                |
|--------|---------------|--|-----------------|-------------|------|-------------------|
| 2-14   | L-125-1       | Medium Intensity, LED, Taxiway<br>Edge Light, L-861T(L), Blue Filter,<br>Class 1, Mode 1, Option 4, Stake<br>Mounted | 161             | EA          | \$   | \$                |
| 2-15   | L-125-2       | Medium Intensity, LED, Taxiway<br>Edge Light, L-861T(L), Blue Filter,<br>Class 2, Mode 1, Option 4, Base<br>Mounted  | 69              | EA          | \$   | \$                |
| 2-16   | L-125-3       | 1 Module Mandatory Guidance Sign,<br>L-858R, LED, Size 2, Style 2, Mode<br>1, Complete                               | 5               | EA          | \$   | \$                |
| 2-17   | L-125-4       | 2 Module Mandatory Guidance Sign,<br>L-858R, LED, Size 2, Style 2, Mode<br>1, Complete                               | 17              | EA          | \$   | \$                |
| 2-18   | L-125-5       | 3 Module Mandatory Guidance Sign,<br>L-858R, LED, Size 2, Style 2, Mode<br>1, Complete                               | 6               | EA          | \$   | \$                |
|        |               |  |                 | BA          | SE I | BID 2 – TOTAL: \$ |
| ALTERN | NATE A: B     | ASE BID 1 - UNNAMED TAXIWAY  | (Full Width M/  | O, 35' Wide | e Ma | rking)            |
| A-1    | P-101-1       | Full Depth Pavement Removal  | 436             | S.Y.        | \$   | \$                |
| A-2    | P-152-2       | In-Place Embankment (fill)   | 196             | C.Y.        | \$   | \$                |
| A-3    | P-207-1       | In-Place Full Depth Reclamation<br>(FDR) Recycled Asphalt Aggregate<br>Base Course (8" thick)                        | 1,820           | S.Y.        | \$   | \$                |
| A-4    | GDOT<br>400-1 | Asphalt Surface Course, 3.0" Thick (assume 160lbs/CF)  | 328             | Ton         | \$   | \$                |
| A-5    | GDOT<br>656-1 | Obliterate Pavement Markings   | 151             | S.F.        | \$   | \$                |
| A-6    | P-620-1       | Taxiway Marking And Striping,<br>Yellow, Including Reflective Media<br>And Microbicide                               | 1,873           | S.F.        | \$   | \$                |
| A-7    | T-901-1       | Seeding & Fertilizing  | 1               | AC          | \$   | \$                |
| A-8    | T-905-1       | Topsoil (Furnished From Off The Site)  | 48              | C.Y.        | \$   | \$                |
| A-9    | T-908-1       | Mulching   | 1               | AC          | \$   | \$                |
|        |               |  |                 | ALTEI       | RNA  | TE A – TOTAL: \$  |
| ALTERN | NATE B: B     | ASE BID 1 - TAXIWAY 'T' (Full Wid  | lth M/O, 35' Wi | de Marking  | g)   |                   |
| B-1    | P-101-1       | Full Depth Pavement Removal  | 2,869           | S.Y.        | \$   | \$                |
| B-2    | P-152-2       | In-Place Embankment (Fill)   | 1,348           | C.Y.        | \$   | \$                |
| B-3    | P-207-1       | In-Place Full Depth Reclamation<br>(FDR) Recycled Asphalt Aggregate<br>Base Course (8" Thick)                        | 14,568          | S.Y.        | \$   | \$                |
| B-4    | P-209-1       | Crushed Aggregate Base Course, 8.0" Thick  | 166             | S.Y.        | \$   | \$                |
| B-5    | GDOT<br>400-1 | Asphalt Surface Couse, 3.0" Thick  | 2,622           | TON         | \$   | \$                |
| B-6    | P-620-1       | Taxiway Marking And Striping,<br>Yellow, Including Reflective Media<br>And Microbicide                               | 8,074           | S.F.        | \$   | \$                |

| B-7   | GDOT<br>656-1           | Obliterate Pavement Markings   | 178   | S.F. | \$  | \$               |  |  |
|---|-------------------------|--|-------|------|-----|------------------|--|--|
| B-8   | T-901-1                 | Seeding & Fertilizing  | 1     | AC   | \$  | \$               |  |  |
| B-9   | T-905-1                 | Topsoil (Furnished From Off The Site)  | 319   | C.Y. | \$  | \$               |  |  |
| B-10  | T-908-1                 | Mulching   | 1     | AC   | \$  | \$               |  |  |
|   | ALTERNATE B – TOTAL: \$ |  |       |      |     |                  |  |  |
| ALTERNATE C: BASE BID 1 - TAXILANE (Full Width M/O, 35' Wide Marking) |                         |  |       |      |     |                  |  |  |
| C-1   | P-101-6                 | Cold Mill (0 to 2 inches)  | 2,061 | S.Y. | \$  | \$               |  |  |
| C-2   | GDOT<br>400-1           | Asphalt Surface Course, 2.0" Thick (assume 160lbs/CF)                                  | 247   | Ton  | \$  | \$               |  |  |
| C-3   | P-603-1                 | Emulsified Asphalt Tack Coat (0.25gal/SY)  | 515   | GAL  | \$  | \$               |  |  |
| C-4   | P-620-1                 | Taxiway Marking And Striping,<br>Yellow, Including Reflective Media<br>And Microbicide | 989   | S.F. | \$  | \$               |  |  |
| C-5   | GDOT<br>656-1           | Obliterate Pavement Markings   | 59    | S.F. | \$  | \$               |  |  |
|   |                         |  |       | ALTE | RNA | TE C – TOTAL: \$ |  |  |
| ALTERN  | ATE D: BA               | ASE BID 1- TAXIWAY 'A' PARTIAI   | FDR   |      |     |                  |  |  |
| D-1   | P-101-1                 | Full Depth Pavement Removal  | 7,274 | S.Y. | \$  | \$               |  |  |
| D-2   | P-152-2                 | In-Place Embankment  | 3,556 | C.Y. | \$  | \$               |  |  |
| D-3   | GDOT<br>656-1           | Obliterate Pavement Markings   | 51    | S.F. | \$  | \$               |  |  |
| D-4   | T-901-1                 | Seeding & Fertilizing  | 2     | AC   | \$  | \$               |  |  |
| D-5   | T-905-1                 | Topsoil (Furnished From Off The Site)  | 808   | C.Y. | \$  | \$               |  |  |
| D-6   | T-908-1                 | Mulching   | 2     | AC   | \$  | \$               |  |  |
| ALTERNATE D – TOTAL: \$   |                         |  |       |      |     |                  |  |  |

| TOTAL BID SECTION 1 + BID SECTION 2 (BASE: Items 1-1 thru 1-18, 2-1 thru 2-18)                      | \$ |
|---|----|
|   |    |
| *BASE + ALTERNATE A (Items 1-1 thru 1-18, 2-1 thru 2-18, A-1 thru A-6)                              | \$ |
|   |    |
| *BASE + ALTERNATE A + ALTERNATE B (Items 1-1 thru 1-18, 2-1 thru 2-18, A-1 thru A-6, B-1 thru B-11) | \$ |
|   |    |
| *BASE + ALTERNATE A + ALTERNATE B + ALTERNATE C (Items 1-1 thru 1-18, 2-1 thru 2-18, A-1 thru A-6,  |    |
| B-1 thru B-6, C-1 thru C-5)   | \$ |
|   |    |
| *BASE + ALTERNATE A + ALTERNATE B + ALTERNATE C + ALTERNATE D (Items 1-1 thru 1-18, 2-1 thru        |    |
| 2-18 A-1 thru A-6 B-1 thru B-6 C-1 thru C-5 D-1 thru D-8)   | \$ |

\*BASE = BASE BID 1 + BASE BID 2

| 1.6     | D 150 0       | I DI E I I (CII)   | 2.000  | CV   | Φ.    | ф               |
|---------|---------------|--|--------|------|-------|-----------------|
| 1-6     | P-152-2       | In-Place Embankment (fill)   | 3,809  | C.Y. | \$    | \$              |
| 1-7     | C-102-1       | Temporary Sediment Trap  | 2      | EA   | \$    | \$              |
| 1-8     | C102-2        | Crushed Aggregate, for Stone outlet protection (St) and Rock Dam (Rd) (18" depth)  | 111    | S.Y. | \$    | \$              |
| 1-9     | C102-3        | Construction Entrance & Staging Area   | 3      | EA   | \$    | \$              |
| 1-10    | P-207-1       | In-Place Full Depth Reclamation<br>(FDR) Recycled Asphalt Aggregate<br>Base Course (8" thick)  | 13,005 | S.Y. | \$    | \$              |
| 1-11    | P-209-1       | Crushed Aggregate Base Course, 8.0" Thick  | 221    | S.Y. | \$    | \$              |
| 1-12    | GDOT<br>400-1 | Asphalt Surface Course, 3.0" Thick   | 2,341  | Ton  | \$    | \$              |
| 1-13    | P-620-1       | Taxiway Marking And Striping,<br>Yellow, Including Reflective Media<br>And Microbicide   | 8,249  | S.F. | \$    | \$              |
| 1-14    | GDOT<br>656-1 | Obliterate Pavement Markings   | 656    | S.F. | \$    | \$              |
| 1-15    | T-901-1       | Seeding & Fertilizing  | 3      | AC   | \$    | \$              |
| 1-16    | T-905-1       | Topsoil (Furnished From Off The Site)  | 866    | C.Y. | \$    | \$              |
| 1-17    | T-908-1       | Mulching   | 3      | AC   | \$    | \$              |
|         |               |  |        | BAS  | E BII | D 1 – TOTAL: \$ |
| BASE BI | D 2 - TAXI    | WAY 'A' ELECTRICAL   |        |      |       |                 |
| 2-1     | C-105-2       | Site Preparation and Mobilization (10% Max Bid Section 2)  | 1      | L.S. | \$    | \$              |
| 2-2     | L-125-6       | Remove Base Mounted Sign,<br>Including Foundation, Complete  | 4      | EA   | \$    | \$              |
| 2-3     | L-125-7       | Remove Existing Taxiway Sign and Reuse Foundation  | 28     | EA   | \$    | \$              |
| 2-4     | L-125-8       | Remove Base Mounted Taxiway Edge Light   | 70     | EA   | \$    | \$              |
| 2-5     | L-125-9       | Remove Stake Mounted Taxiway Edge Light  | 170    | EA   | \$    | \$              |
| 2-6     | L-108-1       | Trenching for Direct Buried Cable, 18-inch minimum depth   | 17,000 | L.F. | \$    | \$              |
| 2-7     | L-108-2       | No. 8 AWG, 5 kV, L-824, Type C<br>Cable, Installed in Trench, Duct<br>Bank, or Conduit   | 20,801 | L.F. | \$    | \$              |
| 2-8     | L-108-3       | No. 6 AWG, Solid, Bare Copper<br>Counterpoise Wire, Installed In<br>Trench, Above the Duct Bank Or<br>Conduit, Including<br>Connections/Terminations | 16,295 | L.F. | \$    | \$              |
| 2-9     | L-108-4       | No. 6 AWG, Insulated, Stranded "Green" Equipment Ground, Installed in Duct Bank or Conduit   | 17,073 | L.F. | \$    | \$              |
| 2-10    | L-109-1       | Electrical Vault Work  | 1      | EA   | \$    | \$              |
| 2-11    | L-109-2       | Install New L-829 15 kW Constant<br>Current Regulator (Taxiway)  | 1      | EA   | \$    | \$              |
| 2-12    | L-110-1       | Non-Encased, Electrical Conduit, 1-<br>Way 2-Inch (50mm) C   | 500    | L.F. | \$    | \$              |