On TUESDAY, FEBRUARY 26, 2019, the CONSTRUCTION COMMITTEE of the Greater Orlando Aviation Authority met in Conference Room Apollo/Gemini/Taurus, 5855 Cargo Road, Orlando International Airport, Orlando, Florida. Chair Thornton called the meeting to order at 8:31 a.m. The meeting was posted in accordance with Florida Statutes and a quorum was present.

Committee Members present:
Stanley J. Thornton, Chair
Kathleen Sharman, Vice Chair
Mike Patterson, Director of Construction
Gary Hunt, Director of Maintenance
Denise Schneider, Assistant Director of Purchasing and Material Control

Also present:
Davin Ruohomaki, GOAA Senior Director of Planning, Engineering, and Construction
Tom Draper, GOAA Senior Director of Airport Operations
Robert Alfert, Jr., Legal Counsel (Nelson Mullins Broad & Cassel)
Karen Ryan, Legal Counsel (Nelson Mullins Broad & Cassel)
Meredith Hammock, Legal Counsel (Marchena & Graham)
Mark Birkebak, GOAA Engineering
Cheri Baxter, GOAA Project Controls
Arlene Grant, GOAA Planning, Engineering, and Construction
Davi Nicholson, GOAA Finance
Edelis Molina, GOAA Small Business
John Carlson, GOAA Construction
Kathy Anderson, GOAA Contracts and Grants
Scott Shedek, GOAA Construction
Somdat Jiawan, GOAA Small Business
Stephanie Joiner, GOAA Construction Finance
Steve Poe, GOAA Maintenance
Tuan Nguyen, GOAA Engineering
Vendla Davermann, GOAA Finance
Venus Hinds, GOAA Construction Finance
Vikki McKay, GOAA Construction Finance
Wendy Morning, GOAA Construction Finance
Alex Sorondo, HNTB Corporation
Andy Kacer, AECOM Technical Services, Inc.
Ben Brown, WSP USA
Brent Haworth, Geotech Consultants International, Inc. dba GCI, Inc.
Carl Mcнутt, AECOM Technical Services, Inc.
Christina Taylor, Geotech Consultants International, Inc. dba GCI, Inc.
Duy Dao, Dao Consultants
Ejaz Ahmad, CMTS/Hanson JV
Erik Lange, HNTB Corporation
Fritz Girault, PSA Constructors, Inc.
Ganesh Jiawan, Cost Management, Inc. dba CMI
Ion Apezteguta, Vanderlande
Ishne Hobbs, CMTS Construction Management Services, LLC
James Pancoast, Geotech Consultants International, Inc. dba GCI, Inc.
Jim Kriss, Avcon, Inc.
Joanne Regidor, AECOM Technical Services, Inc.
John Guirges, Geotech Consultants International, Inc. dba GCI, Inc.
John Scala, Geotech Consultants International, Inc. dba GCI, Inc.
Lance Quick, R.W. Block Consulting, Inc.
Linda George, Linda George, CPA
Lisa Rainey, R.W. Block Consulting, Inc.
Matt Krstolic, Hensel Phelps Construction
Michael Kurek, R. W. Block Consulting
Neil Hahn, Hahn Integrated Systems, Inc.
Paul Gula, Geotech Consultants International, Inc. dba GCI, Inc.
Rita Watson, Schenkel & Shultz, Inc.
LOBBYSYST DISCLOSURE

Parties present were reminded that for individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. A statement of expenditures incurred in connection with those lobbying instances should also be filed prior to April 1st of each year for the preceding year. As of January 16, 2013, lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. As adopted by the Board on September 19, 2012, lobbyists are now required to sign-in at the Aviation Authority offices prior to any meetings with Staff or Board members. In the event a lobbyist meets with or otherwise communicates with Staff or a Board member at a location other than the Aviation Authority offices, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. As of January 16, 2013, lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City of Orlando or the Mayor of Orange County at their offices. The policy, forms, and instructions are available in the Aviation Authority’s offices and the website. Please contact the Director of Board Services with questions at (407) 825-2032.

ANNOUNCEMENT

Any appeals of decisions made by the Construction Committee must be filed with the Chief Executive Officer within five business days (no later than 4:00 p.m. on the fifth business day) of the rendering of that decision.

CHANGE ORDER AGENDA

1. The following Change Orders were presented for consideration:

   A. **Change Order BP-00488-03 VARIOUS REVISIONS.** This change order to the contract with H.W. Davis Construction, Inc. for West Security Screening Checkpoint Expansion is to: 1. Provide all labor, material, and equipment for electrical and low voltage work to support the Orlando Police Department (OPD) relocation. (Reference Contractor’s Change Proposal (CP)-2R). ADD: $35,994.00; 2. Provide all labor, material, and equipment for additional fire sprinkler work related to Architect’s Supplemental Information (ASI) No. 1. (Reference Contractor’s CP-3R). ADD: $1,319.00; 3. Provide all labor, material, and equipment for additional doors, hardware, and frames related to ASI No. 1. (Reference Contractor’s CP-6R). ADD: $17,824.00; 4. Provide all labor, material, and equipment for electrical changes. (Reference Contractor’s Bulletin No. 1, CP-8R). ADD: $80,391.55; and, 5. Provide all labor material, and equipment for fire sprinkler changes. (Reference Contractor’s Bulletin No. 1, CP-9R). ADD: $10,471.00.

   Upon motion of Ms. Schneider, second by Mr. Hunt, vote carried to approve Change Order BP-00488-03, for a total amount of $145,999.55 and no time extension, with funding from Capital Expenditure Fund.

   B. **Change Order E-00212-01 MALMS MOBILIZATION.** This change order to the contract with H.L. Pruitt Corporation for Inventory and Marking of Airfield Lighting on Runway 17R-35L and Various Taxiways is to provide all labor, material and equipment to mobilize Mobile Airfield Lighting Monitoring System (MALMS)
Engineer to associate and commission all newly-installed Radio-Frequency Identification RFID tags for Taxiways G and H into the MALMS. This also includes updating the existing MALMS MCO database as well as the Contractor's duties to assist and escort the MALMS personnel for all work. ADD: $11,187.90.

Legal Counsel noted that the “No” check box has been marked on the Change Order Agenda coversheet regarding the question, “Is above change within then intended scope of the original contract?”, and asked if this is correct. Mr. Brown replied yes. Legal Counsel stated this is acceptable since the overall total contract amount for this project is still below $300,000.00.

Chair Thornton asked if this change order is being funding with Maintenance funds. Mr. Brown replied yes.

Upon motion of Ms. Sharman, second by Mr. Patterson, vote carried approve Change Order E-00212-01, for a total amount of $11,187.90 and no time extension, with funding from Capital Expenditure Fund.

C. Change Order E-00230-06 VARIOUS REVISIONS. This change order to the contract with Electric Services, Inc. for Fuel Farm Security Improvements is to: 1. Provide all applicable materials, equipment, labor, taxes, and permitting to change 1-amp fuses specified on the contract drawings to 2-amp fuses. ADD: $697.93; and, 2. Provide nine back-box 3-inches conduit Axis T94G01P and two wall-mount pendent bracket PAN-PWM20GB to facilitate the installation of the nine infrared cameras and two PTZ cameras. ADD: $446.11.

Legal Counsel noted that the proposal from the Contractor includes the sentence, “Electric Services, Inc. reserves the right to modify this request for unforeseen contingencies”, and stated that this sentence needs to be removed from the proposal.

Chair Thornton asked for further clarification regarding the reasons for these changes. Mr. Sorondo stated that, after further investigation regarding why the fuses were being tripped, it was determined that the 1-amp fuses were no longer adequate and 2-amp fuses should now be used.

Ms. Sharman asked why additional mounting equipment was required. Mr. Sorondo replied that the quantity of the equipment ordered as owner-furnished materials should have included additional mounts for attic stock; however, the exact quantity was inadvertently ordered. The Contractor can expedite the procurement of the additional equipment.

Mr. Patterson asked if this was the final change order. Mr. Sorondo replied no, that an additional change order will be required to reconcile the final bond costs.

Upon motion of Ms. Schneider, second by Mr. Hunt, vote carried to approve Change Order E-00230-06, for a total amount of $1,144.04 and no time extension, with funding from Capital Expenditure Fund.

D. Change Order V-00833-04 VARIOUS REVISIONS. This change order to the contract with H.W. Davis Construction, Inc. for Airsides 1, 2, and 3 Hub Nursing Rooms (Design/Build) is the final change order and includes the following: 1. (a) Actual Cost of Work: HVAC: $6,325.00; Plumbing: $13,500.00; Fire Sprinklers: $1,450.00; NET AMOUNT FOR ITEM NO. 1a: ADD: $21,275.00; (b) Final Reconciliation of Allowances (i.e., HVAC, HVAC Controls, Plumbing, Fire Sprinklers and Signage): This line item reduces the contract allowances for the unused portions of the allowances. DEDUCT: ($60,606.00). NET AMOUNT FOR ITEM NO. 1: DEDUCT: ($39,331.00); and, 2. Provide all labor, materials and
equipment necessary to purchase and install wood end tables (7 each) and faux leather Club Chairs (7 each) to be delivered and installed in Airsides 1-3 HUB Nursing rooms. ADD: $2,719.36.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to approve Change Order V-00833-04, for a total credit amount of ($36,611.64) and no time extension, with funding credited to Capital Expenditure Fund.

**E. Change Order V-00871-02 VARIOUS REVISIONS.** This change order to the contract with Gomez Construction Company for Airside 4 Sanitary Sewer Repair and Restoration is the final change order and includes the following: 1. Provide all labor, equipment and materials to add a concrete manhole structure at the intersection of the 6-inches lateral and 8-inches sanitary mainline from Airside 4. This change order replaces Field Change Order No. 01. ADD: $45,548.41; and, 2. Decrease Pay Item Concrete Curbs (CO No. 1: Section 1.1 Point Repair) by 1 LS, from 1 LS to 0 LS at the contract unit price of $15,279.90/LS. DEDUCT: ($15,279.90).

Upon motion of Mr. Hunt, second by Mr. Patterson, vote carried to approve Change Order V-00871-02, for a total amount of $30,268.51 and no time extension, with funding from Aviation Authority Funds, and the Aviation Authority's Line of Credit to be reimbursed by future General Airport Revenue Bonds.

**F. Change Order V-00903-01 FINAL ALLOWANCE RECONCILIATION.** This change order to the contract with T&G Corporation dba T&G Constructors for Airside 2 Oasis Pond Renovations is the final change order and includes the following: 1. (a) Provide all labor, materials and equipment necessary to restore landscaping around the lower Oasis Pond including installation of approximately 3,200 SF of St. Augustine Floratam sod, approximately 6 tons of river rock around pond edge, and repair of broken water lines (2 each) and damaged irrigation heads (2 each). ADD: $7,425.55; and, (b) Reduce Replace Sod Allowance by ($500.00), from $500.00 to $0.00, for work associated with Item No. 1a above. DEDUCT: ($500.00). **NET AMOUNT FOR ITEM NO. 1: ADD: $6,925.55;** 2. (a) Provide all labor, materials and equipment necessary to demolish and repair additional pond shell structure at two wall sections, approximately 50 SF. Contractor shall saw cut and remove damage wall structure, install rebar to dowels, apply gunite, Miracote Membrane C and 2 coats of Miracote MPC to infill shell wall structure sections. ADD: $7,283.75; (b) Reduce the Unforeseen Conditions Allowance by ($7,283.75), from $16,500.00 to $9,216.25, for work associated with Item No. 2a above. **DEDUCT: ($7,283.75);** and, (c) Reduce Unforeseen Conditions Allowance by ($9,216.25), from $9,216.25 to $0.00, for the unused portion of the allowance. **DEDUCT: ($9,216.25).** **NET AMOUNT FOR ITEM NO. 2:** **DEDUCT: ($9,216.25);** and, 3. Increase the Contract Time for Substantial Completion by 30 calendar days, from 60 calendar days to 90 calendar days, for work associated with Item Nos. 1 and 2 above. NO COST.

Chair Thornton asked what additional work is required at the Airside 2 Oasis. Mr. Patterson explained that additional restoration activities at the other ponds at Airside 2 are needed. Mr. Hunt added that funding for the additional restoration activities is being determined, and once identified, the additional work will proceed through a separate project.

Legal Counsel noted that the proposal from the Contractor includes a paragraph under the title, "Acceptance of Proposal". This paragraph needs to be removed in its entirety because it adds terms and conditions associated with a Guaranteed Maximum Price (GMP) contract. V-00903 is not a GMP contract, and it appears this language was inadvertently included by the Contractor in error. Mr. Graham concurred.
Upon motion of Mr. Patterson, second by Mr. Hunt, vote carried to approve Change Order V-00903-01, for a total credit amount of ($2,290.70) and no time extension, with funding credited to Operations and Maintenance Fund.

CONSTRUCTION MANAGEMENT AT RISK (CM@R) GUARANTEED MAXIMUM PRICE (GMP) BUDGET, BUYOUT, AND CONTINGENCY MANAGEMENT REQUESTS AGENDA

2. The following GMP Budget, Buyout, and Contingency Management requests (related to the South Terminal C, Phase One Project) were presented for consideration:

A. **Subcontractor Modification for BP-S00144 (GMP No. 6-S.2) with Crown Corr, Inland Construction and Engineering, Inc.; SkyBuilders USA, LLC; Wal-Mark Contracting Group, LLC; and Bergelectric Corp. for CR0098 – 6S.2 – ASC Bulletin No. 005 TRT RFI and City Comments.** [A handout was presented, which includes an Office of Small Business Development Participation Memorandum.]

Mr. McNutt presented the memorandum, requesting approval for Hensel Phelps Construction (HPC) to issue a Subcontractor Modification on BP-S00144, South Terminal C, Phase 1 – Building Systems (GMP No. 6-S.2), at the Orlando International Airport, in the amount of $5,855,583.00, to Crown Corr, Inc.; Inland Construction and Engineering, Inc.; SkyBuilders USA, LLC; Wal-Mark Contracting Group, LLC; and Bergelectric Corp., for CR0098 – 6S.2 – ASC Bulletin No. 005 TRT RFI and City Comments. Bid Package for BP-S00144 07.02 "Exterior Metal Panels" has been previously awarded within GMP No. 6-S.2 to Crown Corr, Inc. CC No. 20180605.006.

Bid Package for BP-S00144 07.04 "Roofing" has been previously awarded within GMP No. 6-S.2 to Inland Construction and Engineering, Inc. CC No. 20180605.006.

Bid Package for BP-S00144 09.01 "Stucco" has been previously awarded within GMP No. 6-S.2 to SkyBuilders USA, LLC, CC No. 20180605.006.

Bid Package for BP-S00144 09.02 "Framing & Drywall" has been previously awarded within GMP No. 6-S.2 to Wal-Mark Contracting Group, LLC, CC No. 20180605.006.

Bid Package for BP-S00144 26.01 "ASC Electrical" has been previously awarded within GMP No. 6-S.2 to Bergelectric Corp. CC No. 20180605.006.

HPC is requesting to issue a Subcontractor Modification to Crown Corr, Inc. in the Lump Sum amount of $77,363.00, Inland Construction and Engineering, Inc. in the Lump Sum amount of $52,439.00, SkyBuilders USA, LLC in the Lump Sum amount of $39,504.00, Wal-Mark Contracting Group, LLC in the Lump Sum amount of $606,492.00 and Bergelectric Corp in the Lump Sum amount of $5,079,785.00 for the ASC Bulletin No. 005 changes.

The ASC Bulletin No. 005 scope of work consists of changes on drywall for revisions to room layout on the upper levels, updated fire ratings for walls and gyp ceilings, and changes to the insulation. The package includes costs from metal panel and roofing contractor for increases to the size and intricacy of the full-size mockup. The costs include extensive revisions to the electrical scope of work.

The budgeted Allowance associated with this scope of work totals $4,982,000.00, with the balance of $0.00 remaining as Allowance.

ASC Bulletin No. 005 affected the scope of work in GMP Nos. 6-S, 6-S.1 and 6-S.2, with a total value of $7,573,073.00. The approval of these Subcontractor Modifications to Crown Corr, Inc., Inland Construction and Engineering, Inc., SkyBuilders USA, LLC, Wal-Mark Contracting Group, LLC and Bergelectric Corp.
resolves all request for costs resulting from ASC Bulletin No. 005 changes within GMP 6-S.2. Cost for GMP Nos. 6-S and 6-S.1 will be submitted via separate CR. The OAR is evaluating TIA 016 and any additional time recommended to be granted will be submitted at a future CCM.

The effect of this subcontract modification for this project is as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>GMP line item value (AL01 - ASC B005 Electrical Scope):</td>
<td>$ 4,982,000.00</td>
</tr>
<tr>
<td>HPC to issue a subcontract modification to Bergelectric Corp, in the lump sum amount of:</td>
<td>$ 5,079,785.00</td>
</tr>
<tr>
<td>Deduct from GMP line item (AL01 - ASC B005 Electrical Scope):</td>
<td>($4,982,000.00)</td>
</tr>
<tr>
<td>Deduct from Owner Contingency:</td>
<td>($97,785.00)</td>
</tr>
<tr>
<td>Remaining GMP line item value (AL01 - ASC B005 Electrical Scope):</td>
<td>$ 0.00</td>
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<tr>
<td>HPC to issue a subcontract modification to Crown Corr, Inc., in the lump sum amount of:</td>
<td>$ 77,363.00</td>
</tr>
<tr>
<td>HPC to issue a subcontract modification to Inland Construction and Engineering, Inc. in the lump sum amount of:</td>
<td>$ 52,439.00</td>
</tr>
<tr>
<td>HPC to issue a subcontract modification to SkyBuilders USA, LLC</td>
<td>$ 39,504.00</td>
</tr>
<tr>
<td>HPC to issue a subcontract modification to Wal-Mark Contracting Group, LLC</td>
<td>$ 606,492.00</td>
</tr>
<tr>
<td>Deduct from Owner Contingency:</td>
<td>($775,798.00)</td>
</tr>
</tbody>
</table>

Hensel Phelps Construction is committed to 20% MWBE and 4% LDB participation for Construction Services. There is an overall participation of 0.7% MWBE associated with the proposed modifications. The subcontractors identified and committed to participate on BP-S00144 (GMP No. 6-S.2) for these subcontract modifications are the following: Bergelectric Corp.; Crown Corr, Inc.; Inland Construction and Engineering, Inc.; SkyBuilders USA, LLC (MWBE); and, Wal-Mark Contracting Group, LLC.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Hensel Phelps Construction to issue a Subcontractor Modification for the total lump sum amount of $5,855,583.00, which includes the amount of $5,079,785.00 to Bergelectric Corp, the amount of $77,363.00 to Crown Corr, Inc., the amount of $52,439.00 to Inland Construction and Engineering, Inc., the amount of $39,504.00 to SkyBuilders USA, LLC, and the amount of $606,492.00 to Wal-Mark Contracting Group, LLC on BP-S00144, South Terminal C, Phase 1 - Building Systems (GMP No. 6-S.2), with funding from Passenger Facility Charges and General Airport Revenue Bonds.

B. **Subcontractor Modification for BP-S00146 (GMP No. 7-S) with Banker Steel Co. LLC for CR0160 RFI 0810 Dimensional Conflicts and Added Steel.** Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontractor Modification on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), at the Orlando International Airport, in the amount of $28,360.00 to Banker Steel Co. LLC for CR0160 RFI 0810 Dimensional Conflicts and Added Steel. Bid Package 5.0.0 "Structural Steel" was previously awarded within GMP No. 7-S to Banker Steel Co. LLC, CC No. 20180313.010.
TKJV is proposing a subcontract modification to Banker Steel Co. LLC in the lump sum amount $28,360.00 for CR160 -LST-RFI0810 -Dimension Conflicts and Added Steel. The added scope of work consists of 3.41 tons of added steel due to dimensional conflicts as defined in RFI 810. Pricing includes Detailing, Material, Fabrication and Erection.

The approval of this subcontract modification to Banker Steel Co. LLC resolves all requests for cost and time associated with RFI 810.

The effect of this Subcontractor Modification for this project is as follows:

TKJV to issue a subcontract modification to Banker Steel Co. LLC in the lump sum amount of:

Deduct from Owner Contingency: $ 28,360.00

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractor identified and committed to participate on BP-S00146 (GMP No. 7-S) for this subcontract modification is Banker Steel Co., LLC (Non-MWBE/LDB/VBE). There is no small business participation associated with this modification.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit Joint Venture to issue a Subcontractor Modification to Banker Steel Co. LLC on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), for the total lump sum amount of $28,360.00, with funding from Passenger Facility Charges and General Airport Revenue Bonds.

C. Subcontractor Modification for BP-S00146 (GMP No. 7-S) with Banker Steel Co. LLC for LST CR0201 RFI 0941-SS Girt Connection & LST CR0229 RFI's 1006 & 1066 SS Vestibule Connections. Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontractor Modification on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), at the Orlando International Airport, in the amount of $27,060.00 to Banker Steel Co. LLC for LST CR0201 RFI 0941-SS Girt Connection & LST CR0229 RFI's 1006 & 1066 SS Vestibule Connections. Bid Package 5.0.0 "Structural Steel" was previously awarded within GMP No. 7-S to Banker Steel Co. LLC, CCM No. 20180313.010.

TKJV is proposing a subcontract modification to Banker Steel Co. LLC in the lump sum amount $11,112.00 for CR0201 RFI 0941-SS Girt Connection. The added scope of work consists of revised rotated and typical wind girt connections as a result of EOR response to RFI No. 0941. The additional scope includes all costs for the engineering, detailing, materials, fabrication, delivery and erection of said girts and connections.

TKJV is proposing a subcontract modification to Banker Steel Co. LLC in the lump sum amount $15,948.00 for CR0229 RFI 1006 & 1066 SS Vestibule Connections. The added scope of work consists of revised connections to include additional structural reinforcing at the post base connection as a result of EOR response to RFI No. 1006 and additional structural steel reinforcing at Area 5 - Domestic Arrivals Bridge as a result of EOR response to RFI No. 1066. This additional scope includes all costs for the engineering, detailing, materials, fabrication, delivery and field welds.
The approval of these subcontract modifications to Banker Steel Co. LLC resolves all requests for cost and time as a result of RFI's 0941, 1006 & 1066.

The effect of this Subcontractor Modification for this project is as follows:

<table>
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<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>GMP 7S, Line Item 6, BP 5.0.0, Structural Steel</td>
<td>$2,774,500.00</td>
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<tr>
<td>TKJV to issue a subcontract modification to Banker Steel Co. LLC in the lump sum amount of:</td>
<td>$ 11,112.00</td>
</tr>
<tr>
<td>TKJV to issue a subcontract modification to Banker Steel Co. LLC in the lump sum amount of:</td>
<td>$ 15,948.00</td>
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<tr>
<td>Deduct from GMP No. 7-S Line Item 6:</td>
<td>$(27,060.00)</td>
</tr>
</tbody>
</table>

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractor identified and committed to participate on BP-S00146 (GMP No. 7-S) for this subcontract modification is Banker Steel Co., LLC (Non-MWBE/LDB/VBE). There is no small business participation associated with this modification.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit Joint Venture to issue a Subcontractor Modification to Banker Steel Co. LLC on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), for the total lump sum amount of $27,060.00, with funding from Passenger Facility Charges and General Airport Revenue Bonds.

D. Subcontractor Modification for BP-S00146 (GMP No. 7-S) with CCK Construction Services, Inc.; and Banker Steel Co. LLC for CR0260.3 Bulletin 16 - Add for Baggage Handling Platform Structural Steel Revisions Procurement and Fabrication of materials (grating excluded) and Credit for deletion of concrete on metal deck. Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontractor Modification on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), at the Orlando International Airport, in the amount of $738,912.00 to CCK Construction Services, Inc.; and Banker Steel Co. LLC for CR0260.3 Bulletin 16 - Add for Baggage Handling Platform Structural Steel Revisions Procurement and Fabrication of materials (grating excluded) and Credit for deletion of concrete on metal deck. Bid Packages 3.0.0 "Concrete", and 5.0.0 "Structural Steel", were previously awarded within the GMP No. 7-S to, respectively, CCK Construction Services Inc. and Banker Steel Co. LLC, CC No. 20180313.010.

TKJV is proposing a subcontract modification to CCK Construction Services, Inc. in the lump sum amount $(158,089.00) for CR0260.3 Bulletin 16 - CR0260.3 Bulletin 16 - Add for Baggage Handling Platform Structural Steel Revisions Procurement and Fabrication of materials (grating excluded) and Credit for deletion of concrete on metal deck. The deducted scope of work includes deleting labor, material, and equipment as a result of eliminating the cast in place concrete on metal deck associated with Bulletin 016 structural revisions for Baggage Handling System platforms.

TKJV is proposing a subcontract modification to Banker Steel Co. LLC in the lump sum amount $897,001.00 for CR0260.3 Bulletin 16 - Add for Baggage Handling Platform Structural Steel Revisions Procurement and Fabrication of materials (grating excluded) and Credit for deletion of concrete on metal deck. The
added scope of work includes the procurement and fabrication of structural steel materials, excluding grating, associated with the Bulletin 016 structural steel revisions to the Baggage Handling System (BHS) Platform.

The approval of these subcontract modifications to CCK Construction Services, Inc. and Banker Steel Co. LLC resolve all requests for costs arising from the procurement and fabrication of the structural steel materials as a result of Bulletin 016 with the exception of the associated steel grating, and the deletion of the concrete on metal deck. The balance of the costs for Bulletin 016 structural steel for erection costs and related work and any request for additional time will be provided in a future CR.

The effect of this Subcontractor Modification for this project is as follows:

TKJV to issue a subcontract modification to CCK Construction Services, Inc. in the lump sum amount of: $ (158,089.00)
Add to Phase I Owner Contingency: $ 158,089.00
TKJV to issue a subcontract modification to Banker Steel Co. LLC in the lump sum amount of: $ 897,001.00
Deduct from GMP 7S Phase IX Unbought Scope: $ (127,733.00)
Deduct from GMP 7S Phase I Owner Contingency: $ (769,268.00)
Current GMP 7S Phase IX Unbought Scope Balance: $ 509,336.00
CR 0260.3 LST Bulletin 016 - Deduct from P1X Unbought Scope: $ (127,733.00)
Transfer of Remaining P1X Unbought Scope to P1X Owner Contingency: $ (381,603.00)
Remaining Balance of GMP 7S P1X Unbought Scope: $ 0.00
Modification to GMP 7S Phase IX Owner Contingency: $ 381,603.00

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractors identified and committed to participate on BP-S00146 (GMP No. 7-S) for the proposed subcontract modifications are CCK Construction Services, Inc. (Non-MWBE/LDB/VBE) and Banker Steel Co. LLC (Non-MWBE/LDB/VBE). This modification results in a 15.7% reduction to CCK Construction Services, Inc.'s MWBE participation. Banker Steel Co. LLC does not propose any participation on this modification.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit Joint Venture to issue a Subcontractor Modification for the total lump sum amount of $738,912.00, which includes the deductive amount of ($158,089.00) to CCK Construction Services, Inc., and the amount of $897,001.00 to Banker Steel Co. LLC on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), with funding from Phase 1 and Phase 1 Expansion Passenger Facility Charges and General Airport Revenue Bonds.

E. Subcontractor Modification for BP-S00147 (GMP No. 7-S.1) with Linel, a Division of Mestek, Inc. for CR 0172.1 - RFI 1045 Skylights Change GL-5 to GL-12. Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontractor Modification on BP-S00147, South Terminal C, Phase 1 - Landside Terminal, Remaining Structures and Systems (GMP No. 7-S.1), at the Orlando International Airport, in the amount of $18,018.00 to Linel, a Division of Mestek, Inc. for CR 0172.1 = RFI 1045 Skylights Change GL-5 to GL-12. Bid Package 7.5.0 for Skylights was previously awarded within GMP No. 7-S.1 to Linel, a Division of Mestek, Inc., CC No. 20181002.09.
TKJV is proposing a subcontract modification to Linel, a Division of Mestek, Inc. in the lump sum amount $18,018.00 for CR 0172.1 LST - RFI 1045 Skylights Change GL-5 to GL-12. The modified scope of work consists of changing all GL-5 plain clear glass to GL-12 which has a low iron content, and results in a price increase per square foot of glass.

The approval of this subcontract modifications to Linel, a Division of Mestek, Inc. resolves all GMP No. 7-S.l requests for cost and time as a result of CR 0172.1 - Skylights Change GL-5 to GL-12. Costs associated with GMP No. 7-S will be under CR No. 172.

The effect of this Subcontractor Modification for this project is as follows:

TKJV to issue a subcontract modification to Linel, a Division of Mestek, Inc. in the lump sum amount of: $ 18,018.00
Deduct from Owner Contingency: $ (18,018.00)

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractor identified and committed to participate on BP-S00147 (GMP No. 7-S.l) for this subcontract modification is Linel, a Division of Mestek (Non-MWBE/LDB/VBE). There is no small business participation associated with this modification.

Chair Thornton asked where the skylights are located. Mr. Ruohomaki responded that they are all on the landside terminal. Chair Thornton asked if this is the glass over the FIS. Mr. McNutt answered yes.

Ms. Sharman stated that the scope modification form indicates that the change is required for project completion, however, it sounds like an aesthetic choice versus a requirement, and asked why it was necessary to change the type of glass used. Mr. McNutt replied that it was a change in design for aesthetics. Ms. Sharman asked if there was any concern with glare. Mr. Ruohomaki answered that this should not be an issue.

Ms. Sharman asked what the net increase will be. Mr. McNutt answered that the net increase would be approximately $2,000.00. Mr. Ruohomaki stated that, aside from the design change, market conditions would have resulted in an addition. Chair Thornton added that this was the lower cost option, which resulted in a cost savings compared to the increase that would have resulted from using the originally specified glass.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit, Joint Venture to issue a Subcontractor Modification to Linel, a Division of Mestek, Inc. on BP-S00147, South Terminal C, Phase 1 - Landside Terminal, Remaining Structures and Systems (GMP No. 7-S.l), in the total lump sum amount of $18,018.00, with funding from Passenger Facility Charges and General Airport Revenue Bonds.

F. Subcontractor Award for BP-S00151 (GMP No. 9-S.l) with AC Signs, LLC for CR0261 Subcontract Award for BP 10.1.0 Signage to AC Signs, LLC. Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontractor Award on BP-S00151, South Terminal C, Phase 1 - Parking Facility Phase 2 (GMP No. 9-S.1), at the Orlando International Airport, in the amount of $600,062.00 to AC Signs, LLC for CR0261 Subcontract Award for BP 10.1.0 Signage to AC Signs, LLC. GMP No. 9-S.1 was previously awarded to Turner-Kiewit Joint Venture via Addendum No. 18, on October 17, 2018.
TKJV is proposing a Subcontract Award to AC Signs, LLC. in the lump sum amount of $600,062.00 for BP 10.1.0 Signage Scope of Work.

The GMP line item associated with this scope of work totals $619,439.00 with the balance of $19,377.00 to be transferred to CM@R Contingency.

The approval of this Subcontract Award to AC Signs, LLC resolves all requests for costs and time resulting from GMP No. 9-S.1 BP 10.1.0 Signage.

The effect of this Subcontractor Award for this project is as follows:

<table>
<thead>
<tr>
<th>GMP line item(s) value:</th>
<th>$ 619,439.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>TKJV to issue a subcontract award to AC Signs, LLC in the lump sum amount of:</td>
<td>$ 600,062.00</td>
</tr>
<tr>
<td>Add to CM@R Contingency:</td>
<td>$ 19,377.00</td>
</tr>
<tr>
<td>Remaining GMP line item No. 15 value:</td>
<td>$ 0.00</td>
</tr>
</tbody>
</table>

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractor identified and committed to participate on BP-S00151 (GMP No. 9-S.1) for this subcontractor award is AC Signs, LLC (MWBE). There is a 60% MWBE and 40% LDB participation associated with this award.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit, Joint Venture to issue a Subcontractor Award to AC Signs, LLC on BP-S00151, South Terminal C, Phase 1 - Parking Facility Phase 2 (GMP No. 9-S.1), in the total lump sum amount of $600,062.00, with funding from Customer Facility Charges and General Airport Revenue Bonds.

G. Subcontractor Modification for BP-S00176 (GMP No. 18-S) with Kiewit Infrastructure South Co. for CR0281 SLR-MBSI Elec Calcs for City Orlando Comments (CWA BP-S00176-001). Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontract Award on BP-S00176, South Terminal C, Phase 1 - Site Logistics Relocation (GMP No. 18-S), at the Orlando International Airport, in the amount of $16,100.00 to Kiewit Infrastructure South Co. for CR0281 SLR-MBSI Elec Calcs for City Orlando Comments (CWA BP-S00176-001). Bid Package S00176 for Site Logistics Relocation was previously awarded within GMP No. 18-S to Kiewit Infrastructure South Co., CC No. 20190108.03.

TKJV is proposing a subcontract modification to Kiewit Infrastructure South Co. in the lump sum amount $16,100.00 for CR0281 SLR-MBSI Elec Calcs for City Orlando Comments (CWA BP-S00176-001). The modified scope of work consists of the added engineering costs for recalculating the site electric requirements due to the City of Orlando comments caused by an owner design change to increase service from single phase to three phase to upgrade the electrical service.

The approval of this subcontract modification to Kiewit Infrastructure South Co. resolves all requests for costs and time due to the engineering cost from MBSI electric panel calculations to address City Orlando Comments (BLD2018-23367) and closes CWA BP-S00176-001. Any additional costs for materials and installation will be covered under a future CR.
The effect of this Subcontractor Modification for this project is as follows:

TKJV to issue a subcontractor modification to Kiewit Infrastructure South Co. in the lump sum amount of: $16,100.00
Deduct from CM@R Contingency: $16,100.00

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractor identified and committed to participate on BP-S00176 (GMP No. 18-S) for this subcontract modification is Kiewit-Turner South Terminal, a Joint Venture (Non-MWBE/LDB/VBE). There is a 95.7% MWBE participation associated with this modification.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit Joint Venture to issue a Subcontractor Modification to Kiewit Infrastructure South Co. on BP-S00176, South Terminal C, Phase 1 - Site Logistics Relocation (GMP No. 18-S), for the total lump sum amount of $16,100.00, with funding from General Airport Revenue Bonds.

3. Subcontractor Modification for BP-S00146 (GMP No. 7-S) with Linel, a Division of Mestek, Inc. for CR0172 RFI 1045 Skylight GL5 Visual Mock-up Elimination.

[Agenda Item No. 17, presented as a New Item Handout] Mr. McNutt presented the memorandum, requesting approval for Turner-Kiewit Joint Venture (TKJV) to issue a Subcontractor Modification on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), at the Orlando International Airport, in the deductive amount of ($16,272.00) to Linel, a Division of Mestek, Inc. for CR0172 RFI 1045 Skylight GL5 Visual Mock-up Elimination. Bid Package 7.5.0 "LST Skylights" was previously awarded within GMP No. 7-S to Linel, a Division of Mestek, Inc., CC No. 20180904.3.A.

TKJV is proposing a subcontract modification to Linel, a Division of Mestek, Inc. in the lump sum amount ($16,272.00) for CR0172 RFI 1045 - 7S LST - Skylight glass GL-5. The modified of scope of work consists of the deletion of GL-5 glass type and therefore the elimination of GL-5 Glass Visual Mockup.

The approval of this subcontract modifications to Linel, a Division of Mestek, Inc. resolves all GMP No. 7-S requests for cost and time as a result of RFI 1045 - 7S LST - Skylight glass GL-5. Costs associated with GMP No. 7-S.1 will be under CR No. 172.1.

The effect of this Subcontractor Modification for this project is as follows:

TKJV to issue a subcontract modification to Linel, a Division of Mestek, Inc. in the lump sum amount of: $16,272.00

Turner-Kiewit Joint Venture is committed to 20% MWBE and 4% LDB participation for Construction Services. The subcontractor identified and committed to participate on BP-S00146 (GMP No. 7-S) for this subcontract modification is Linel, a Division of Mestek, Inc. (Non-MWBE/LDB/VBE). There is no small business participation associated with this modification.

Agenda Item Nos. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G and 17 were considered in one motion.

Upon motion of Mr. Patterson, second by Ms. Schneider, vote carried to approve Turner-Kiewit Joint Venture to issue a Subcontractor Modification to Linel, a
Division of Mestek, Inc. on BP-S00146, South Terminal C, Phase 1 - Landside Terminal, Structure & Enclosure (GMP No. 7-S), for the total credit lump sum amount of ($16,272.00)), with funding credited to Passenger Facility Charges and General Airport Revenue Bonds.

**SOUTH TERMINAL C, PHASE 1**

**REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 3 TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR ADDITIONAL DESIGN, BID AND AWARD PHASE SERVICES FOR THE GROUND SUPPORT EQUIPMENT (GSE) RELOCATION FOR W-S00110, SOUTH TERMINAL C, PHASE 1 - ARCHITECT OF RECORD SERVICES (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.**

4. [Agenda Item No. 3] Mr. Guirges presented the memorandum, dated February 26, 2019, along with the proposal from HNTB Corporation, dated February 15, 2019, to provide Additional Design, Bid and Award Phase Services for the Ground Support Equipment (GSE) Relocation for W-S00110, South Terminal C, Phase 1 - Architect of Record Services (& Major Subs), at the Orlando International Airport. On October 11, 2016, the Construction Committee recommended approval of Addendum No. 3 in the amount of $30,570,204.25 to the above-reference agreement which the Aviation Authority Board approved on October 19, 2016. Since that time, it has been determined that additional design services are needed for GSE Relocation as requested by the Aviation Authority. The Aviation Authority provided direction to relocate the GSE (Alternative 3) to the south side of the Phase 1 Expansion Apron due to its proximity to the Aircraft Rescue and Fire Fighting (ARFF) Division’s Centerfield Fire Station as further described in the Consultant’s proposal, dated February 15, 2019.

If approved, these services would be effective on March 1, 2019.

Consultant shall, with each monthly invoice, certify that the assigned work and services are on schedule to be completed within the contracted lump sum price, or provide at time of certification a written notice to the Aviation Authority of any deviations.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that HNTB Corporation proposes 59.8% MWBE and 18.0% LDB participation on this Amendment.

Chair Thornton stated that this was relocated because it was too close to the Centerfield AARF.

Ms. Sharman stated that funding for this item will be General Airport Revenue Bonds.

Ms. Sharman asked if the rates for this item had been approved. Ms. Rainey replied yes, but that the escalation needs to be verified. Mr. Ruohomaki added that the Cost of Living Allowance (COLA) of 3% for soft costs had been established.

Upon motion of Mr. Hunt, second by Ms. Schneider, vote carried to approve an Amendment to Addendum No. 3 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Additional Design, Bid and Award Phase Services for W-S00110, South Terminal C, Phase 1 - Architect of Record Services (& Major Subs), for the total lump sum fee amount of $147,093.00, with funding from General Airport Revenue Bonds, subject to Aviation Authority approval of a 3% escalation of the rates for Barnes, Ferland, and Associates, Inc. [Subsequent the the Construction Committee meeting, the Aviation Authority verified the 3% escalation of the rates for Barnes, Ferland, and Associates, Inc. were acceptable.]
REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 15 TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR ADDITIONAL DESIGN SERVICES TO EXTEND THE ENPLAN/DEPLAN STRUCTURE’S RIGHT-OF-WAY (ROW) PILE REDESIGN FOR W-S00110, SOUTH TERMINAL C, PHASE 1 - ARCHITECT OF RECORD (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

5. [Agenda Item No. 4] [A handout was presented, which includes revised supporting documentation.] Mr. Guirges presented the memorandum, dated February 26, 2019, along with the proposal from HNTB Corporation, dated February 20, 2019, to provide Additional Design Services to Extend the Enplane/Deplane Structure’s Right-of-Way (ROW) Pile Redesign for W-S00110, South Terminal C, Phase 1 - Architect of Record (& Major Subs), at the Orlando International Airport. On June 5, 2018, the Construction Committee recommended approval of Addendum No. 15 in the amount of $617,996.00 to the above-referenced agreement which the Aviation Authority Board approved on June 20, 2018.

On December 4, 2018, the Construction Committee approved Amendment No. 1 to Addendum No. 15 for additional design services to make the structural modifications necessary to split Level 2, Span 17 into two shorter spans to minimize the depth of the beams and allow for the baggage handling system to cross the roadway under Level 2 with sufficient clearances, for the not-to-exceed amount of $74,050.00 to the above-referenced agreement.

The consultant’s proposal, dated February 20, 2019, is to provide Additional Design Services to Extend the Enplane/Deplane Right-of-Way (ROW) Pile Redesign as requested by the Aviation Authority. With pricing and scheduling concerns, the Aviation Authority asked the contractor to value engineer driven piles and accepted more readily available Auger Cast Group Displacement Piles.

If approved, these services would be effective February 26, 2019.

The Office of Small Business Development has reviewed the qualifications of the subject contract’s MWBE/LDB/VBE specifications and determined that, due to the limited and specialized scope of the required services, HNTB Corporation does not propose any MWBE/LDB/VBE participation on this Amendment.

Ms. Sharman stated that funding for this item will be General Airport Revenue Bonds.

Chair Thornton asked if this was unknown at the original time of design. Mr. Guirges responded no, that the Pedestrian Corridor was not originally designed to go across the area, and that this needed to be incorporated into the design to accommodate the change.

Chair Thornton asked if any additional costs were anticipated. Mr. Ruohomaki answered no.

Mr. Guirges stated that an information item would be presented at a subsequent Construction Committee Meeting to revise the DOT language for clarity.

Chair Thornton asked if funding for this would be from the Baggage Handling System Contingency. Mr. Ruohomaki replied that there are soft costs reserved for this work.

Upon motion of Mr. Hunt, second by Mr. Patterson, vote carried to approve of an Amendment to Addendum No. 15 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Additional Design Services to Extend the Enplane/Deplane Structure’s Right-of-Way (ROW) Pile Redesign for W-S00110, South Terminal C, Phase 1 - Architect of Record (& Major Subs), for the total not-to-exceed fee amount of $8,475.00, with funding from General Airport Revenue Bonds.
REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 3 TO THE PROGRAM AND PROJECT MANAGEMENT SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH CMTS CONSTRUCTION MANAGEMENT SERVICES, LLC TO PROVIDE ADDITIONAL FISCAL YEAR (FY) 2019 CONSTRUCTION PHASE OAR SERVICES FOR W-S00111, SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH CMTS CONSTRUCTION MANAGEMENT SERVICES, LLC TO PROVIDE ADDITIONAL FISCAL YEAR (FY) 2019 CONSTRUCTION PHASE OAR SERVICES FOR W-S00111, SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH CMTS CONSTRUCTION MANAGEMENT SERVICES (OAR), AT THE ORLANDO INTERNATIONAL AIRPORT.

Mr. Guirges presented the memorandum, dated February 26, 2019, along with the proposal from CMTS Construction Management Services, LLC, dated January 31, 2019, to provide Additional FY 2019 Construction Phase OAR Services for W-S00111, South Terminal C (Phase 1) – Program and Project Management Services (OAR), at the Orlando International Airport. On September 25, 2018, the Construction Committee recommended approval of Addendum No. 3 in the amount of $1,231,504.00 which was approved by the Aviation Authority Board on October 10, 2018. Since that time, it has been determined that additional Construction Phase OAR Services are needed for project coordination and document controls, effective March 1, 2019 through September 30, 2019, for W-S00111 South Terminal C, Phase 1 – Program and Project Management Services (OAR) as detailed in the consultant’s proposal, dated January 31, 2019. These services are for one STC Project Coordinator (Operations) and one STC Document Control I position.

If approved, these services would be effective on or about March 1, 2019 through September 30, 2019.

<table>
<thead>
<tr>
<th>Description</th>
<th>Addendum No. 3</th>
<th>Proposed Amendment (Mar. 1 – Sept. 30)</th>
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<tr>
<td>Not to Exceed Fees</td>
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<td>$175,160.00</td>
<td>$1,406,664.00</td>
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<td>Lump Sum Fees</td>
<td>$0.00</td>
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<td>$0.00</td>
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<tr>
<td>Not to Exceed Expenses</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
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<td>$1,231,504.00</td>
<td>$175,160.00</td>
<td>$1,406,664.00</td>
</tr>
</tbody>
</table>

The Office of Small Business Development has determined that due to the limited scope of the required services, CMTS Construction Management Services LLC does not propose any MWBE/LDB/VBE participation on this Amendment.

Mr. Patterson stated that this is the last of the FY 2019 adjustments for OAR Services on the South Terminal project for CMTS Construction Management Services, LLC.

Legal Counsel asked if the individuals being proposed for the work had been identified. Mr. Patterson replied that one individual was established but that resumes were still being reviewed for the other individual. Legal Counsel requested that the resume of the selected individuals be submitted to the Construction Committee as information items, once they are both identified. Mr. Guirges answered yes.

Upon motion of Mr. Patterson, second by Mr. Hunt, vote carried to approve an Amendment to Addendum No. 3 to the Program and Project Management Services for the South Terminal C, Phase 1 Agreement with CMTS Construction Management Services, LLC for Additional FY 2019 Construction Phase OAR Services for W-S00111, South Terminal C, Phase 1 – Program and Project Management Services (OAR), for the total not-to-exceed fee amount of $175,160.00, with funding from Passenger Facility Charges and General Airport Revenue Bonds.

REQUEST FOR APPROVAL OF THE PURCHASE OF TECHNOLOGY (APC UNINTERRUPTIBLE POWER SUPPLY UNITS) FROM DILTEX, INC. FOR W-S00132, SOUTH TERMINAL C, PHASE 1 EXPANSION – TRAILER PURCHASE, AT THE ORLANDO INTERNATIONAL AIRPORT.

This item was deferred.
REQUEST FOR APPROVAL OF THE PURCHASE OF TECHNOLOGY (CISCO NETWORK SWITCHES AND RELATED EQUIPMENT) FROM VEYTEC, INC. FOR W-S00132, SOUTH TERMINAL C, PHASE 1 EXPANSION - TRAILER PURCHASE, AT THE ORLANDO INTERNATIONAL AIRPORT.

8. [Agenda Item No. 7] This item was deferred.

GENERAL

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING MEP ENGINEERING SERVICES AGREEMENT WITH MATERN PROFESSIONAL ENGINEERING, INC. TO PROVIDE CONSTRUCTION ADMINISTRATION SERVICES FOR E-00143, MAIN COMPUTER ROOM ELECTRICAL UPDATES, AT THE ORLANDO INTERNATIONAL AIRPORT.

9. [Agenda Item No. 8] Mr. Carlson presented the memorandum, dated February 26, 2019, along with a proposal from Matern Professional Engineering, Inc., dated February 19, 2019, to provide Construction Administration Services for E-00143, Main Computer Room Electrical Updates, at the Orlando International Airport. E-00143 is to construct electrical upgrades for the Main Computer Room in the Landside Terminal at the Orlando International Airport. The consultant's proposal, dated February 19, 2019, is to provide Construction Administration Services for this project. The project duration is 180 calendar days to Substantial Completion and 90 calendar days to Final Completion.

If approved, these services would be effective on the date of Construction Committee approval.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Matern Professional Engineering, Inc. proposes 22.2% MWBE participation on this Addendum.

Upon motion of Mr. Patterson, second by Ms. Sharman, vote carried to approve Addendum to the Continuing MEP Engineering Services Agreement with Matern Professional Engineering, Inc. Construction Administration Services for E-00143, Main Computer Room Electrical Updates, for the total amount of $28,410.12, which includes the not-to-exceed fee amount of $28,146.00 and the not-to-exceed reimbursable expense amount of $264.12, with funding from Capital Expenditure Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES (OAR PRIME ENTITY) AGREEMENT WITH GEOTECH CONSULTANTS INTERNATIONAL, INC. DBA GCI INC. TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR E-00143, MAIN COMPUTER ROOM ELECTRICAL UPGRADES, AT THE ORLANDO INTERNATIONAL AIRPORT.

10. [Agenda Item No. 9] Mr. Carlson presented the memorandum, dated February 26, 2019, along with the proposal from Geotech Consultants International, Inc. dba GCI Inc., dated February 12, 2019, to provide Construction Phase OAR Services for E-00143, Main Computer Room Electrical Upgrades, at the Orlando International Airport. E-00143 is to construct electrical upgrades for the Main Computer room in the Landside Terminal at the Orlando International Airport. The consultant's proposal, dated February 12, 2019, is for Construction Phase OAR Services for the project. The project duration is 180 calendar days to Substantial Completion and 90 calendar days to Final Completion.

If approved, these services would be effective the date of Construction Committee approval.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Geotech Consultants International, Inc., dba GCI, Inc. proposes 90.7% MWBE participation on this Addendum.
Minutes of the Construction Committee Meeting, February 26, 2019
Page 17 of 21

Upon motion of Ms. Schneider, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing Program and Project Management Services (OAR Prime Entity) Agreement with Geotech Consultants International, Inc. dba GCI Inc. for Construction Phase OAR Services for E-00143, Main Computer Room Electrical Upgrades, for the total not-to-exceed fee amount of $88,349.00, with funding from Capital Expenditure Funds.

REQUEST TO REJECT ALL BIDS FROM THE CONTINUING ELECTRICAL CONSTRUCTION SERVICES CONTRACTORS FOR E-00192, FIBER UPGRADE FOR AIRSIDES 2 AND 4 APM SWITCHGEAR, AT THE ORLANDO INTERNATIONAL AIRPORT.

11. [Agenda Item No. 10] Mr. Carlson presented the memorandum, dated February 26, 2019, to request to reject all bids from the Continuing Electrical Construction Services Contractors for E-00192, Fiber Upgrade for Airsides 2 and 4 APM Switchgear, at the Orlando International Airport. The above-referenced project is to construct the replacement of the existing copper communication and control cabling between the Airsides 2 and 4 Automated People Mover (APM) switchgear and the Communications Center in the Landside Terminal with fiber optic infrastructure at the Orlando International Airport.

On October 16, 2018, bids were received from the Aviation Authority’s Continuing Electrical contractors, as follows:

<table>
<thead>
<tr>
<th></th>
<th>Base Bid</th>
<th>Alt. 1</th>
<th>Alt. 2</th>
<th>Alt. 3</th>
<th>Total Bid Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation Systems, Inc.</td>
<td>$50,000.00</td>
<td>$825,000.00</td>
<td>$760,000.00</td>
<td>($237,750.00)</td>
<td>$1,397,250.00</td>
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<tr>
<td>Electric Services, Inc.</td>
<td>$189,900.00</td>
<td>$704,900.00</td>
<td>$644,900.00</td>
<td>($140,700.00)</td>
<td>$1,399,000.00</td>
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<td>BergElectric Corporation</td>
<td>$128,500.00</td>
<td>$758,500.00</td>
<td>$694,500.00</td>
<td>($155,000.00)</td>
<td>$1,426,500.00</td>
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<tr>
<td>Engineer’s Estimate:</td>
<td>$80,000.00</td>
<td>$378,890.00</td>
<td>$378,890.00</td>
<td>($70,480.00)</td>
<td>$767,300.00</td>
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</table>

The Base Bid consisted of infrastructure work required in the Landside Terminal. Bid Alternate 1 was for work at Airside 2. Bid Alternate 2 was for work at Airside 4. Bid Alternate 3 was a deductive alternate if both Alternates 1 and 2 work was awarded concurrently.

All three bids are significantly higher than both the Engineer’s Estimate and the currently funded construction budget of $330,000.00. The apparent cause for this large difference is that the amount of work required to upgrade the existing switchgear at Airsides 2 and 4 to communicate over a fiber optic network was significantly underestimated by Eaton, the manufacturer of the existing switchgear, during design of the project. Eaton’s subsequent bids for the work (Eaton, as the switchgear manufacturer is the party responsible for making the required modifications as a subcontractor to the successful bidder) were apparently nearly double the estimate Eaton had provided to the Engineer during design.

As the result of these high bids, the project scope has been re-evaluated. The Engineer has determined that the Airsides 2 and 4 APM switchgear can be replaced with new, fiber compatible switchgear for approximately the same cost as was bid above for upgrading of the existing 20+ year old switchgear. The new switchgear will survive the upcoming replacement of the Airsides 2 and 4 APM Operating System in 4 - 6 years, and would have an estimated service life of 20+ years.

Therefore, it is recommended that all of the E-00192 bids listed above be rejected, and that staff proceed with changing the E-00192 project scope to include replacement of the Airsides 2 and 4 switchgear with new equipment and then rebid the project.
It is respectfully requested that the Construction Committee reject all bids with the understanding that the project scope will be revised to require replacement of the Airsides 2 and 4 switchgear with new equipment and then the project will be rebid among the Aviation Authority’s Continuing Electrical Contractors.

Chair Thornton asked if this was packaged together to roll into Airsides 2 and 4. Mr. Carlson replied yes.

Upon motion of Ms. Sharman, second by Ms. Schneider, vote carried to reject all bids from the Continuing Electrical Construction Services Contractors for E-00192, Fiber Upgrade for Airsides 2 and 4 APM Switchgear; there is no fiscal impact associated with this item.

REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING HORIZONTAL CONSTRUCTION SERVICES AGREEMENT WITH PRIME CONSTRUCTION GROUP, INC. FOR H-00317, NORTHBOUND JEFF FUQUA BOULEVARD (JFB) BRIDGE ABUTMENT AND RETAINING WALL REPAIR (DESIGN/BUILD), AT THE ORLANDO INTERNATIONAL AIRPORT.

12. [Agenda Item No. 11] [A handout was presented, which includes an Office of Small Business Development Participation Memorandum.] Mr. Sorondo presented the memorandum, dated February 26, 2019, along with a proposal from Prime Construction Group, Inc., dated February 15, 2019, for H-00317, Northbound Jeff Fuqua Boulevard Bridge Abutment and Retaining Wall Repair (Design/Build), at the Orlando International Airport. Scope will provide design and construction services for various concrete repairs and rehabilitation to bridge abutment and retaining walls at Bridge 755928. The duration of the project is 60 calendar days for Substantial Completion and 45 calendar days for Final Completion with an anticipated Notice to Proceed (NTP) date of March 11, 2019.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Prime Construction Group, Inc. proposes 6.9% MWBE participation on this Job Order Construction Services Addendum.

Ms. Sharman stated that this item is lump sum and asked if it can be done for this cost. Mr. Sorondo responded yes.

Upon motion of Mr. Patterson, second by Ms. Sharman, vote carried to approve a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with Prime Construction Group, Inc. for H-00317 Northbound Jeff Fuqua Boulevard Bridge Abutment and Retaining Wall Repair (Design/Build), for the total lump sum amount of $169,373.00 and waive the requirement of Performance and Payment Bonds, with funding from Operation and Maintenance Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING BUILDING ENVELOPE CONSULTING SERVICES AGREEMENT WITH GALE ASSOCIATES/SOUTH/, INC., TO PROVIDE ENGINEERING CONSULTING AND INSPECTION SERVICES FOR R-00094, ORL COLONIAL PROMENADE BUILDING 239 THEATER REHABILITATION, AT THE ORLANDO EXECUTIVE AIRPORT.

13. [Agenda Item No. 12] Mr. Pancoast presented the memorandum, dated February 26, 2019, along with the proposal from Gale Associates/South/, Inc., dated February 12, 2019, to provide Engineering Consulting and Inspection Services for the above-referenced project. Scope of services will include, but is not limited to, the review of the construction drawings and submittals as they relate to inspection services, assist in review of technical issues, Change Order Requests, attending Pre-Construction meeting, construction site visits and providing reports to the owner through the OAR, and provide an end of project inspection to develop a punchlist for Substantial Completion.

If approved, these services would be effective the date of Construction Committee approval.
The Office of Small Business Development has determined that due to the limited and specialized scope of the required services, Gale Associates/South, Inc. does not propose any MWBE/LDB/VBE participation on this Addendum.

Legal Counsel stated that there is concern with some of the language in the proposal from Gale Associates/South/, Inc. (Gale), wherein provisions limit the requirements and liability of the company. Legal Counsel read the provision, as follows: "Correction of issues noted by Gale during the construction phase is the responsibility of the contractor, as is documentation of the correction. Gale bears no liability for further or additional inspection of issues identified. Lists generated by Gale are not considered to be all inclusive and represent only those issues actually observed and noted by Gale personnel while onsite. Gale has been tasked to observe specific construction elements on a part-time basis only, and the absence of notations with respect to any other construction elements neither creates any liability on Gale's part, nor alters the contractor's responsibility to complete all Work in accordance with the Contract Documents."

Mr. Patterson stated that Gale Associates/South/, Inc. would not have someone on the jobsite at all times, so the intent of this provision is to protect themselves when an inspector is not present. Chair Thornton asked if this is limited to a visual inspection. Mr. Patterson answered yes.

Chair Thornton asked if the provision could be reworded to better protect both the Aviation Authority and Gale from unnecessary liability. Legal Counsel responded that the intent is to specify that Gale is only responsible for what is observed, when present; therefore, the first sentence of the provision should remain but the remainder should be stricken.

Legal Counsel read the revised provision, as follows: "Correction of issues noted by Gale during the construction phase is the responsibility of the contractor, as is documentation of the correction."

Upon motion of Ms. Sharman, second by Mr. Patterson, vote carried to approve an Addendum to the Continuing Building Envelope Consulting Services Agreement with Gale Associates/South/, Inc., for Engineering Consulting and Inspection Services for R-00094, ORL Colonial Promenade Building 239 Theater Rehabilitation, for the total not-to-exceed fee amount of $7,028.00, with funding from the ORL Revenue Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING CIVIL ENGINEERING CONSULTING SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR ENGINEERING SERVICES FOR W-00407, AIRFIELD LIGHTING MANAGEMENT SYSTEM - PHASE 2, AT THE ORLANDO INTERNATIONAL AIRPORT.

14. [Agenda Item No. 13] Mr. Sorondo presented the memorandum, dated February 26, 2019, along with the proposal from AECOM Technical Services, Inc., dated February 14, 2019, to provide a condition assessment of the Aviation Authority owned and maintained airfield lighting system. The condition assessment will evaluate the physical condition of the existing west airfield lighting system as well as the in-place lightning protection equipment, with the east airfield evaluated under W-00370. Work for W-00407 is expected to be complete by September 30, 2019.

If approved, these services would be effective February 26, 2019.

Consultant shall, with each monthly invoice, certify that the assigned work and services are on schedule to be completed within the contracted lump sum price, or provide at time of certification a written notice to the Aviation Authority of any deviations.
The Office of Small Business Development has determined that due to the limited scope of the required services, AECOM Technical Services, Inc. does not propose any MWBE/LDB/VBE participation on this Addendum.

Ms. Sharman asked if this was for the Phase 2 work. Mr. Sorondo answered yes.

Upon motion of Ms. Sharman, second by Ms. Schneider, vote carried to approve an Addendum to the Continuing Civil Engineering Consultant Services Agreement with AECOM Technical Services, Inc. for Condition Assessment of the Aviation Authority Owned and Maintained Airfield Lighting System for W-00407, Airfield Lighting Management System – Phase 2, for the total lump sum fee amount of $214,920.00, with funding from Operation and Maintenance Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ENVIRONMENTAL CONSULTING SERVICES AGREEMENT WITH VANASSE HANGEN BRUSTLIN, INC. FOR WETLAND PERMITTING SERVICES FOR WEST HEINTZELMAN BLVD. AREA, AT THE ORLANDO INTERNATIONAL AIRPORT.

15. [Agenda Item No. 14] Mr. Sorondo presented the memorandum, dated February 26, 2019, along with the proposal from Vanasse Hangen Brustlin, Inc., dated January 22, 2019, to provide environmental permitting services for the West Area of Heintzelman Boulevard at the Orlando International Airport.

If approved, these services would be effective February 26, 2019.

The Office of Small Business Development has determined that due to the limited and specialized scope of the required services, Vanasse Hangen Brustlin Inc. does not propose any MWBE/LDB/VBE participation on this Addendum.

Ms. Sharman asked if this includes all remaining permitting services. Mr. Sorondo replied no, that this is only a portion and it is not inclusive of the entire property.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing Environmental Consulting Services Agreement with Vanasse Hangen Brustlin, Inc. for Wetland Permitting Services for West Area of Heintzelman Boulevard, for the total amount of $84,935.00, which includes the not-to-exceed fee amount of $76,010.00 and the not-to-exceed expense amount of $8,925.00, with funding from Capital Expenditure Funds.

REQUEST FOR APPROVAL OF CONTRACTOR’S FINAL PAYMENT TO HENSEL PHELPS CONSTRUCTION COMPANY, FOR BP-S00113, APM STRUCTURE (GMP NO. 6), AT THE ORLANDO INTERNATIONAL AIRPORT.

16. [Agenda Item No. 15] Mr. Patterson presented the memorandum, dated February 26, 2019, requesting the Contractor’s Final Payment to Hensel Phelps Construction Company for BP-S00113, South Airport APM Complex – APM Structure (GMP No. 6), at the Orlando International Airport. The Construction Contract for the referenced project has been completed and all issues involving the Contractor have been addressed and resolved.

Legal Counsel stated that URS, Inc. is listed as the OAR on the project. Mr. Patterson responded that this was because URS, Inc. was the OAR when the project began, but has since been updated.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to approve the Contractor’s Final Payment Authorization to Hensel Phelps Construction Company for BP-S00113, South Airport APM Complex – APM Structure (GMP No. 6), at the Orlando International Airport.
INFORMATION ITEMS

17. [Agenda Item No. 16] The following items were presented for information only:

A. [Agenda Item No. 16-A] Office of Small Business Development Memorandum for the Request for Approval of a Subcontractor Modification to the Construction Management at Risk (CM@R) Entity Services for the South Terminal C, Phase 1 Agreement with Turner-Kiewit Joint Venture for BP-S00146 (GMP No. 7-S), Landside Terminal, Structure & Enclosure to CCK Construction Services, Inc. for CR143.6, Bulletin 10 and RFI 912, at the Orlando International Airport. [From Construction Committee on January 29, 2019, Item No. 2-C].

B. [Agenda Item No. 16-B] Revised Cover Memorandum and Supporting Documentation for the Request for Approval of the Purchase of Additional Receipt Printers for the Biometric Self-Boarding Gates from SITA Advanced Travel Solutions, Inc. for Project L-00031, Biometric Passenger Processing Program, at the Orlando International Airport. [From Construction Committee on February 19, 2019, Item No. 8].

ADJOURNMENT

18. There being no further business for discussion, the meeting adjourned at 9:12 a.m.

Stanley J. Thornton, Chair
Construction Committee
Chief Operating Officer