

EXHIBIT E-3

Work Authorization No.: ATKINS-01-51
Landscape & Irrigation Design & Construction Administration Services
RLI/RFP No.: R0729109R1
Under Board of County Commissioner's Award Authority for Services

Consultant: Atkins North America, Inc. f/k/a PBS&J

Project No.: AEP 1133 **Project Title:** Expansion of Runway 9R/27L

RLI/RFP Title: Consultant Services for Expansion of Runway 9R/27L at Fort Lauderdale-Hollywood International Airport in Broward County, Florida

Facility Name: Fort Lauderdale-Hollywood International Airport

This Work Authorization (WA) is issued pursuant to the Agreement between Broward County and Atkins North America, Inc. f/k/a PBS&J, for Consultant Services in Broward County, which was approved by the Board of County Commissioners on April 6, 2010. Except as provided herein, nothing contained in this Work Authorization shall alter, modify or change in any way the terms and conditions of the Agreement with the County.

This Work Authorization provides for services consistent with the Agreement referenced above and as specifically described in the attached proposal and scope. Payment for such services shall be in accordance with the Agreement.

The time period for this Work Authorization shall consist of Two Hundred Ten (210) calendar days plus Construction Phase Support Service during construction. This Work Authorization shall not extend beyond the Agreement term without the approval of the Board of County Commissioners, unless expressly provided for in the Agreement - In accordance with Article 4.1 of the Agreement, this Work Authorization shall not expire until the expiration of all warranty periods provided for in the construction contract(s) for the Project, unless it is terminated earlier as provided under applicable provisions of this Agreement.

In consideration of the County's issuance of, payment under this Work Authorization and grant of 210 Calendar days for completion of the Design Work, Consultant waives and releases any and all claims associated with the performance of the Work described in this Work Authorization. This Work Authorization constitutes full accord and satisfaction of all claims for time and compensation associated with the Work authorized by this Work Authorization for all events occurring prior to execution of this Work Authorization.

Budget
4400-400-1133-6510

Requisition Number
SC400AVC408100000000034

Aviation Department Division
Airport Expansion Program (AEP)

Fee Determination: Payment for services under this WA shall be as follows:

Description	Lump Sum	Maximum Amount	
		Not-to-Exceed	Total
Labor Costs			
Landscape & Irrigation Design & Construction Administration Services			
Project Management Support	\$ 3,145.00	\$ -	\$ 3,145.00
Task 1: Landscape Construction Document Development	\$ -	\$ 42,779.00	\$ 42,779.00
Task 2: Irrigation System Modifications	\$ -	\$ 17,925.00	\$ 17,925.00
Task 3: Dania Beach Entry Feature	\$ -	\$ 10,927.00	\$ 10,927.00
Task 4: Multi Use Path Extension - VOID - NOT IN PROGRAM 07/16/13 SUNSHINE NEGOTIATION	\$ -	\$ -	\$ -
Task 5: Tree Removal Permit Coordination	\$ -	\$ 21,894.00	\$ 21,894.00
Task 6: Tree Obstruction Resolution	\$ -	\$ 41,869.00	\$ 41,869.00
Task 7: Hilton Hotel Tree Relocation Dania Beach Tree Permitting/Licensing/Mitigation Coordination	\$ -	\$ 13,630.00	\$ 13,630.00
Task 8: Proposed Landscape Plan Presentation	\$ -	\$ 8,261.00	\$ 8,261.00
Task 9: FDOT Permitting	\$ -	\$ 9,236.00	\$ 9,236.00
Task 10: Bid and Award Assistance	\$ -	\$ 8,263.00	\$ 8,263.00
Task 11: Construction Administration Assistance	\$ -	\$ 90,667.00	\$ 90,667.00
Total Salary Costs	\$ 3,145.00	\$ 265,451.00	\$ 268,596.00
Reimbursable(s)	\$ -	\$ -	\$ -
Total Labor	\$ 3,145.00	\$ 265,451.00	\$ 268,596.00
Total Reimbursables	\$ -	\$ -	\$ -
TOTAL	\$ 3,145.00	\$ 265,451.00	\$ 268,596.00

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County

County Administrator and Ex-Officio
Clerk of the Board of Broward County
Commissioners

Broward County, through its
Board of County Commissioners


Recommended by:


David Roepnack,
Expansion Project Administrator

Date

5/20/2014

Print Name



Trevor M.A. Fisher, P.E. MBA
Contract Administrator

Date

6/20/14

Print Name

Approved:


Aviation Department
Tracy Meyer, Esq.
Risk Insurance and
Contracts Manager

5-21-14

Mayor

Date

Barbara Sharief
Print Name


Approved as to form by
Joni Armstrong Coffey
Broward County Attorney
Aviation Office
2200 SW 45th Street, Suite 101
Dania Beach, Florida 33312
Telephone: (954) 359-6100
Telecopier: (954) 359-1292


Assistant County Attorney

Date

5/21/14

Alexander J. Williams
Print Name


Chief Trial Counsel

Date

5/21/14

Michael J. Kerr
Print Name

Consultant

Attest:


Secretary

May 19, 2014

Date

Rene de los Rios, Assistant Secretary

Print Name

Corporate Seal



By:


☐ President ☒ Vice President

May 19, 2014

Date

Justin P. Jones
Print Name

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Time for Performance:

A schedule will be developed subject to the needs of the BCAD staff and the related project team.

The 65% submittal will be completed eight to ten weeks after NTP, and the 95% submittal will be completed in six weeks after final reconciliation of all design review comments provided to the Lead Designer (LD). Coordination efforts with FDOT, the City of Dania Beach, BCS and BC-EPGMD will be in addition to the design schedule.

Finalization of the Landscape and Irrigation Design/Bid/Construction package will be provided two weeks after all review comments provided and are fully reconciled, accepted and approved.

EXHIBIT A OPTIONAL SERVICES - SCOPE OF SERVICES

The following tasks will be performed under this Optional Service Work Authorization (OSWA):

1.0 PROJECT DESCRIPTION

Landscape Architectural & Irrigation plans and specifications for the landscape & Irrigation construction associated with the Expansion of Runway 9R-27L as outlined in the Conceptual Landscape Report prepared by Atkins February 22, 2013.

2.0 BASIS OF SCOPE

The final landscape & Irrigation construction document package will be based upon the conceptual plan and guidelines previously submitted and accepted by BCAD. Professional services will be made available to provide any work effort necessary to coordinate the creation of the landscape & irrigation construction documents with BCAD staff, the Florida Department of Transportation (FDOT), Broward County Environmental Protection and Growth Management Department (BCEPGMD), and any other regulatory agencies or entities involved with landscape & irrigation construction, permitting, and maintenance work efforts.

3.0 SCOPE OF BASIC SERVICES

- Task 1 Landscape Construction Document Development: Provide complete construction documents for landscape installations as outlined in the approved *Conceptual Landscape Report*, including all plant materials and associated landscape earth berms. Complete plans, details and specifications necessary for bid and construction will be produced for review and bid. Interim plans will be provided for review and comment by the County at 65% and 95% levels of completion. A final complete permitted set will be provided to the County for sufficient for advertisement and bid.
- Task 2 Irrigation System Modifications: Limited irrigation modifications will be provided for some of the project area, limited to the project areas west of

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FEC Railroad, between Griffin Road and South Perimeter Road, and project areas along East Perimeter Road impacted directly by the construction of the new DCP structure. The passenger terminal exit road demolition area (US-1 southbound exist ramp) is excluded. The task includes required irrigation permit modification through Broward County Building Code Services (BC-BCS), but does not include any new or updates to the SFWMD water use permits or any other permit. Landscaping proposed east of the Florida East Coast Railroad tracks will not be provided irrigation.

Task 3 Dania Beach Entry Feature: Construction efforts for the relocation of US Highway 1 will demolish the existing Dania Beach entry feature. Plans and details for the construction of a new entry feature will be provided with a maximum of two Coordination meetings and two submittals to the City of Dania Beach included. The PMO and BCAD will take the lead in all coordination aspects and agreements with the City of Dania Beach. Permits for this Entry Feature are not included.

Task 4 Multi-use Path: VOID – not in the Program (this task was removed from the scope during the sunshine negotiation meeting on July 16, 2013).

Task 5 County Tree Removal Permit Fulfillment Coordination: Provide efforts in fulfilling Broward County Environmental Protection and Growth Management Department (BC-EPGMP) tree removal permit requirements already in place from tree removals/relocations associated with WP 302, WP 303, and WP 306, including amalgamation and calculation of complete requirements for mitigation under all existing permits/licenses and the application of points of proposed tree installation(s) to satisfy the requirements.

To meet the replacement requirements of the permits, areas of landscaping may be expanded past proposed landscape project limits. This could include the addition of trees along the NE 10th Street / 7th Avenue connector or within the existing Greenbelt area.

Task 6 Tree Obstruction Resolution:
Atkins will resolve and mitigate for all tree obstructions associated with runway 9R-27L as outlined in the 'Tree Obstruction Mitigation Plan – South Airfield' prepared by Landrum & Brown (L&B) / SWC Arborists/Landscape Architects (refer to Tree Obstruction Mitigation Project Report dated September 7, 2012). Efforts would include verification of trees outlined in the report; tabulation and classification of all affected trees listed in the report; and, review the recommendations for trimming, relocation, or removal and replacement of affected trees listed in the report. Atkins will process a tree removal permit through Broward County Environmental and Growth

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Management Department and the City of Dania Beach for the upland tree removal identified in the above referenced obstruction mitigation plan dated September 7, 2012. Future or additional obstructions identified are not included in this work effort.

The areas included in this OSWA are depicted in the attached copy of the Tree Obstruction Points: Key Sheet, prepared by L&B, with the following clarifications:

- 1- Zone 1 is not included
- 2- Zone 2 only includes the upland trees. This will include trees removed as part of the Hilton Hotel demolition and trees removed within the City of Dania Beach municipal limits to eliminate designated Tree Obstructions per the September 7, 2012 L&B report. This shall include all affected native trees located within the City of Dania Beach. Trees included in the permit within the City of Dania Beach municipal limits will primarily be relocated or replaced within the City of Dania Beach municipal limits and secondarily to a Broward County Park within 20 miles of the airport. The wetland areas (W6, W8, and W9), as well as, any exotic tree removal not identified as obstruction in the September 7, 2012 L&B report, are not included. Refer to attached Zone 2 Exhibit.
- 3- Zone 5 is not included.

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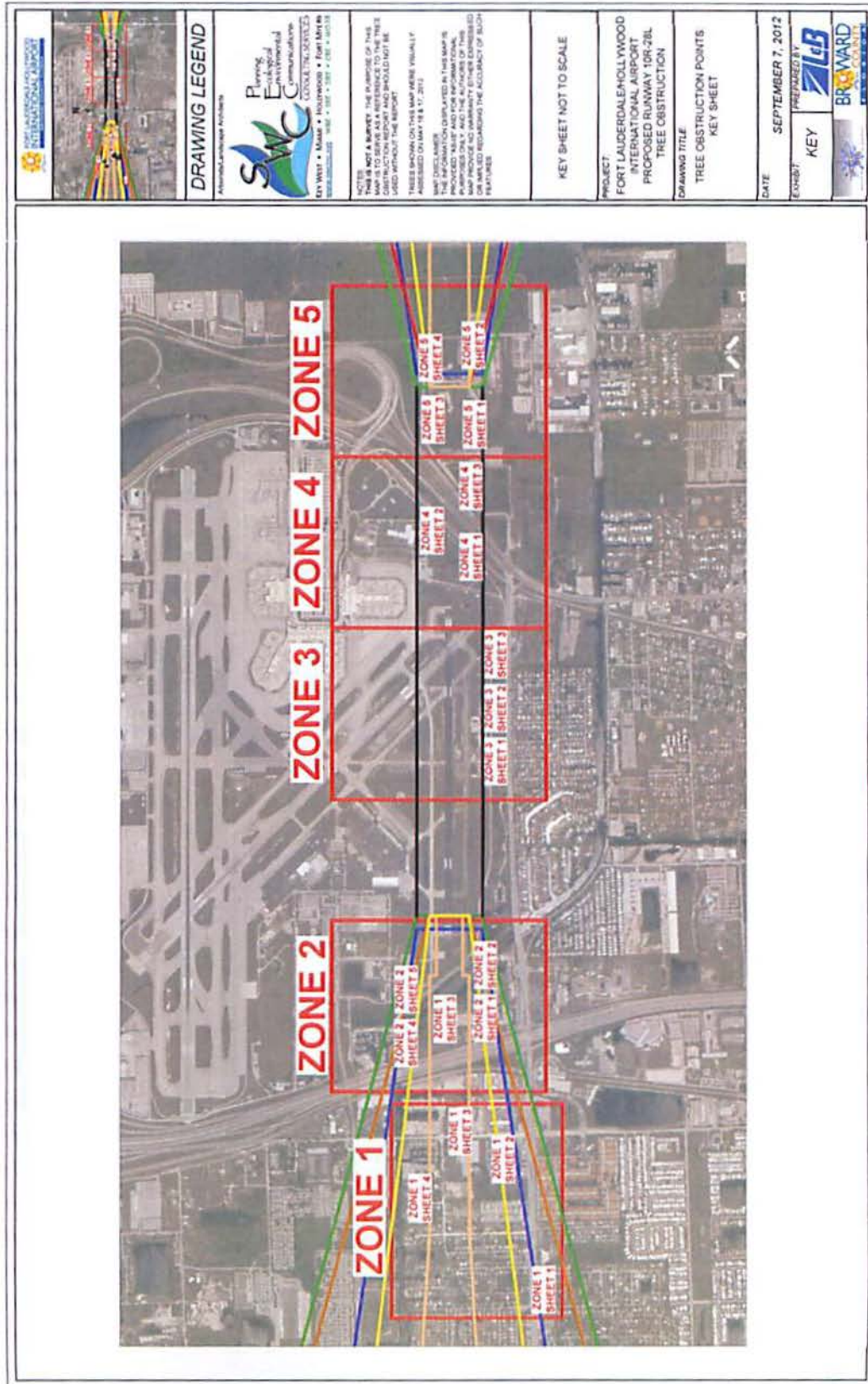


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- Task 7 Hilton Tree Relocations: Atkins will provide mitigation plans to meet the tree removal permit mitigation requirements as designated by the City of Dania Beach tree removal permits. This will include trees removed as part of the Hilton Hotel demolition and trees removed within the city limits to eliminate designated Tree Obstructions per the September 7, 2012 L&B report. All permit trees located within the City of Dania Beach will primarily be relocated or replaced within the City of Dania Beach. Also included will be negotiations with the City of Dania Beach for tree mitigation and planting locations.
- Task 8 Presentations: After the 65% landscape plans have been reviewed by BCAD staff and affiliates, and all comments have been resolved, Atkins will provide a presentation of proposed landscape enhancements for presentation to stakeholders (one presentation meeting). The presentation will incorporate limited illustrative plans, sections, and isometric illustrations to provide a better understanding of the proposed landscaping and its impacts on the project area.
- Task 9 FDOT Permitting: Most of the proposed landscape construction will occur within Florida Department of Transportation right of way, Atkins will assist the County in the necessary permitting process for the installation of the landscape planting. Plans will be provided to FDOT meeting FDOT requirements and coordination efforts for the approval of permits will be provided.
- Task 10 Bid and Award Assistance: Atkins will assist the County in the bidding and award process for the construction contract award. This will consist of review and response to pre-bid questions from bidders and provision of any addendums necessary for distribution, including a review, compilation/comparison of the bids received, and recommendation for award based on the bids received.
- Task 11 Construction Administration: Atkins will provide construction administration support, consisting of review and response to RFI's, review and approval of shop drawings, review of any change orders proposals, and provision for any necessary drawing revisions. Included will be up to 5 periodic meetings or inspections of construction during the course of construction, as requested by the County. . Additionally, there will be a punch list review for final acceptance and a final acceptance inspection. Landscape installations shall

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be warrantied for one year after final acceptance for proper establishment.
Warranty inspections are not included.

4.0 DELIVERABLES

Deliverables will include plans, details, and technical specifications necessary for the construction and installation of landscaping, irrigation, and the Dania Beach entry feature. These will be provided in two preliminary submittals for County review and comment, 65% and 95%, and one final permittable set for bid purposes. The plans will be provided at a 65% and 95% level of plan development so that the proposed direction of landscape construction can be reviewed for approval by BCAD staff and other stakeholders, as deemed necessary by the PMO and BCAD (the review will be coordinated by the PMO). All comments resulting from the submittal reviews will be responded within two (2) weeks in accordance with the procedure established under Basic Services. Each submittal will be further followed by a reconciliation meeting providing for a unified consensus.

The post 95% submittal will be provided to the FDOT for review and permit approval. The submittal will be followed by providing any responses to comments resultant of the FDOT review. Responses will be coordinated with BCAD before providing to FDOT. Plan modifications and updates will then be provided back to the FDOT for permit finalization.

Cost estimates will also be provided to BCAD staff during this plan development process. An estimate will be included as part of each submittal. This includes the initial estimate of probable construction cost and two subsequent updates.

5.0 SCHEDULE

A schedule will be subject to the needs of the BCAD staff and the related project team. It is estimated that the 65% submittal can be completed in eight to ten weeks and the 95% can be completed in five to six weeks after final reconciliation by the PMO of all review comments received by the LD. Coordination efforts with the FDOT and the City of Dania Beach, as well as, additional permitting efforts with BCS, BC-EPGMP may increase durations depending on their responsiveness. Finalization of the package will take an additional two weeks once all parties have approved the plans and all review comments are reconciled.

END OF SCOPE