Indianapolis Airport Authority

Agenda
Indianapolis Airport Authority
June 17, 2016
8:30 AM

I. Call to Order

II. Approval of Minutes of the IAA Board’s Regular Meeting of May 20, 2016

III. Ordinances, Resolutions and Public Hearings

   Introduction of General Ordinance No. 2-2016 concerning the Indianapolis Airport Authority budget for 2017.

IV. Board Reports

   President’s Report

V. Official Actions

   Consider, for approval, the individual items listed on the IAA General Agenda, dated June 17, 2016.

VI. Staff Reports

   Sr. Directors Report

VII. Other Reports/Update

VIII. Board Communications

   Next Meeting: Friday, July 15, 2016 @ 8:00 a.m.

IX. Adjourn
MINUTES
Board of Directors Meeting
Indianapolis Airport Authority

The Regular Meeting of the Indianapolis Airport Authority Board was called to order at 8:00 a.m., on May 20, 2016, in the Airport’s Board Room at the Indianapolis International Airport.

Present at commencement of the meeting and comprising a quorum were:
Kelly Flynn, President
Jean Wojtowicz, Vice President
Alfred Bennett, Secretary
Brett Voorhies, Member
Barbara Glass, Member
Dr. Philip C. Borst, Member
Jack T. Morton, Jr., Member
Lynn T. Gordon, Member
Steve Dillinger, Member

Rex M. Joseph, Jr., IAA Board Counsel

IAA executive staff attending:
Mario Rodriguez, Executive Director
Mike Medvescek, Sr. Director of Operations
Marsha Stone, Sr. Director of Commercial Enterprise
Joseph Heerens, General Counsel
Shannetta Griffin, Sr. Director of Planning & Development
Robert Thomson, Sr. Director of Finance
Jamie Leap, Sr. Executive Assistant/Recording Secretary

APPROVAL OF MINUTES
Upon a motion by Mr. Dillinger, seconded by Mr. Bennett and unanimously passed, approval was given to the Minutes of both the Pre-Board and Regular Meetings of April 15, 2016.

ORDINANCES, RESOLUTIONS AND PUBLIC HEARINGS
President Flynn next described Resolution No. 5-2016, concerning the implementation of a “Real Estate Committee” of the Board. After discussion among the Board members, there was a motion and a second in connection with this resolution, and there were two (2) votes in favor and six (6) votes opposed; therefore, Resolution No. 5-2016 did not pass.

President Flynn next described Resolution No. 6-2016, concerning the implementation of a “Governance Committee” of the Board. After discussion among the Board members, there was a motion and a second in connection with this resolution, and there were three (3) votes in favor and five (5) votes opposed; therefore, Resolution No. 6-2016 did not pass.
Mr. Dillinger proposed that an ad hoc committee of the Board be created in order to review all of the IAA’s existing policies in their entirety. Upon a motion by Mr. Dillinger, seconded by Dr. Borst and unanimously passed, approval was given to establish this committee.

President Flynn next described Resolution No. 9-2016, authorizing the sale of IAA and IMC obsolete items via on-line public auction. Upon a motion by Mr. Morton, seconded by Dr. Borst and unanimously passed, Resolution No. 9-2016 was approved.

President Flynn next described BP2016-05-1, authorizing a Purchase Agreement with Nabil and Emilyn Rezkalla for the sale, by IAA, of approximately 0.362 acres of land located at 2118 Lafayette Road, Indianapolis, IN. President Flynn then opened the public hearing on this matter and asked if anyone had any comments. None appearing, President Flynn closed the public hearing and asked for a motion. Upon a motion by Ms. Wojtowicz, seconded by Mr. Bennett and unanimously passed, approval was given to BP2016-05-1.

BOARD REPORTS
President’s Report
President Flynn recognized Dr. Borst for the Lifetime Achievement Award he recently received and shared the Board’s appreciation for his continuing service.

President Flynn next discussed the issue of whether to adopt the “Robert’s Rules of Order” for meetings of the IAA’s Board. Discussion occurred among the Board members as to this subject. Upon a motion by Mr. Dillinger, seconded by Dr. Borst and unanimously passed, approval was given to adopt “Robert’s Rules of Order” for meetings of the IAA’s Board.

OFFICIAL ACTIONS
INTRODUCTION AND APPROVAL OF THE INDIANAPOLIS AIRPORT AUTHORITY’S GENERAL AGENDA, DATED May 20, 2016: President Flynn introduced and then verbally described each of the individual items listed on the General Agenda, after which he asked for separate motions of approval, as follows:

BP2016-05-2. Upon a motion by Ms. Wojtowicz, seconded by Mr. Morton and unanimously passed, approval was given to BP2016-05-2.

BP2016-05-3, ACTION #1. Upon a motion by Mr. Morton, seconded by Ms. Glass and unanimously passed, approval was given to BP2016-05-3, ACTION #1.

BP2016-05-3, ACTION #2. Upon a motion by Mr. Morton, seconded by Ms. Wojtowicz and unanimously passed, approval was given to BP2016-05-3, ACTION #2.

BP2016-05-3, ACTION #3. Upon a motion by Ms. Wojtowicz, seconded by Mr. Dillinger and unanimously passed, approval was given to BP2016-05-3, ACTION #3.

BP2016-05-3, ACTION #4. Upon a motion by Ms. Wojtowicz, seconded by Ms. Glass and unanimously passed, approval was given to BP2016-05-3, ACTION #4.
2006A Bonds. Upon a motion by Mr. Morton, seconded by Ms. Wojtowicz and unanimously passed, approval was given to a $1.7 million settlement of the 2006A Bond dispute.

BP2016-05-4. Upon a motion by Mr. Bennett, seconded by Mr. Morton and unanimously passed, approval was given to BP2016-05-4.

BP2016-05-5. Upon a motion by Ms. Glass, seconded by Dr. Borst and unanimously passed, approval was given to BP2016-05-5.

BP2016-05-6. Upon a motion by Ms. Wojtowicz, seconded by Mr. Morton and unanimously passed, approval was given to BP2016-05-6.

BP2016-05-7, ACTION #1. Upon a motion by Mr. Morton, seconded by Mr. Bennett and unanimously passed, approval was given to BP2016-05-7, ACTION #1.

BP2016-05-7, ACTION #2. Upon a motion by Ms. Wojtowicz, seconded by Mr. Morton and unanimously passed, approval was given to BP2016-05-7, ACTION #2.

BP2016-05-7, ACTION #3. Upon a motion by Ms. Wojtowicz, seconded by Mr. Morton and unanimously passed, approval was given to BP2016-05-7, ACTION #3.

BP2016-05-7, ACTION #4. Upon a motion by Ms. Glass, seconded by Mr. Dillinger and unanimously passed, approval was given to BP2016-05-7, ACTION #4.

BP2016-05-7, ACTION #5. Upon a motion by Mr. Voorhies, seconded by Dr. Borst and unanimously passed, approval was given to BP2016-05-7, ACTION #5.

BP2016-05-8, ACTION #1. Upon a motion by Mr. Morton, seconded by Mr. Bennett and unanimously passed, approval was given to BP2016-05-8, ACTION #1.

BP2016-05-8, ACTION #2. Upon a motion by Mr. Morton, seconded by Ms. Glass and unanimously passed, approval was given to BP2016-05-8, ACTION #2.

BP2016-05-9, ACTION #1. Upon a motion by Ms. Glass, seconded by Mr. Bennett and unanimously passed, approval was given to BP2016-05-9, ACTION #1.

BP2016-05-9, ACTION #2. Upon a motion by Mr. Voorhies, seconded by Ms. Wojtowicz and unanimously passed, approval was given to BP2016-05-9, ACTION #2.

BP2016-05-10. Upon a motion by Ms. Glass, seconded by Dr. Borst and unanimously passed, approval was given to BP2016-05-10.

BP2016-05-11. Upon a motion by Dr. Borst, seconded by Mr. Voorhies and unanimously passed, approval was given to BP2016-05-11.
STAFF REPORTS

Executive Director’s Report

Mr. Rodriguez recognized all the 2015 Annual Core Value Winners, including Mr. Mike Biffle (Terminal Services Manager), who received the Annual Leadership Award for his dedication and ongoing efforts to lead and inspire positive change in the Terminal Services team. Mr. Rodriguez also recognized Mr. Hafedh Khemir (Parking Department), who received the Annual RITE Award for his continuous commitment to excellence by defining and being a role model for world-class customer service.

Mr. Rodriguez next announced the 2016 1st Quarter Core Value Winners, including Mr. Anthony Pennington (Police Department), for the Core Value of “Integrity”; Mr. Juan Munoz (Police Department), for the Core Value of “Trust”; Mr. Justin Brezina (Airfield Maintenance), for the Core Value of “Excellence”; and Mr. Ryan Solenberg (Airfield Maintenance), for the Core Value of “Excellence”.

ADJOURNMENT

President Flynn announced that the next IAA Board meeting is scheduled for June 17, 2016 at 8:00 a.m. There being no further business, the meeting was adjourned at 8:58 a.m.

INDIANAPOLIS AIRPORT AUTHORITY *

By: ____________________________________________
Kelly Flynn, President

DATED: _________________________________

By: ____________________________________________
Alfred R. Bennett, Secretary

* Signed under authority of IAA Board Resolution #6-2013
BOARD MEMO – 2017 BUDGET ORDINANCE

To: IAA Board of Directors

From: Robert Thomson, Sr. Director of Finance

Date: June 7, 2016

Board Date: June 17, 2016

Subject: 2017 Budget Ordinance

Attached is the draft template of the 2017 Budget Ordinance No. 2-2016. At this time staff are still working through the final details of the 2017 Budget. This Budget Ordinance when adopted will set the maximum appropriation (expenditure) levels for 2017.

The budget process requires an Introduction, an Initial Hearing and presentation, and the Final Hearing and adoption of the Budget by August 31, 2016. The June 17, 2016 Board meeting will be the verbal Introduction of the Ordinance. The Ordinance is simply verbally introduced and no detail is discussed or presented.

The 2017 Airport System Fund Budget (which includes the Operating Budget) and Capital Improvement Fund Budget assumptions will be reviewed in detail with the Finance and Audit Committee on June 17, 2016. This budget review meeting occurs in advance of the Initial Public Hearing on the Budget, which is scheduled for the July 15, 2016 Board meeting. The Final Hearing on the 2017 Budget will be held on August 19, 2016, at which time the Board will vote to accept or reject the 2017 Budget Ordinance.

The Indianapolis City-County Council (Council) requires the Board to accept the 2017 Budget Ordinance by August 31, 2016. The Council Municipal Corporations Committee will hold a hearing in September 2016 to review the 2017 Budget and the Council will approve the budget on October 10, 2016.
General:

**BP2016-06-1**

**ACTION #1:** Consider for approval the On-call contract with Walker Parking Consultants for professional services at the Indianapolis International Airport, in an amount not-to-exceed $250,000 over a contract term of three (3) years.

**ACTION #2:** Consider for approval the On-call contract with Carl Walker, Inc. for professional services at the Indianapolis International Airport, in an amount not-to-exceed $250,000 in year one (1) and no more than $100,000 each in years two (2) and three (3) for a contract term of three (3) years.

**BP2016-06-2**

Consider, for approval, a motion to amend HRC responsibilities pursuant to IAA Resolution 6-2010.

Capital:

**BP2016-06-3**

Consider for approval submitting a request for bids to purchase an Aircraft Rescue and Fire Fighting ("ARFF") vehicle that meets the new FAA, DOT and EPA motor vehicle standards.

**BP2016-06-4**

Consider for approval Amendment No. 1 to the On-call contract with American Structurepoint, Inc. engineering services for the Airport Lots & Roads 2016 at the Indianapolis International Airport, in an amount not-to-exceed $140,000. Supplier diversity participation on Amendment No. 1 is MBE 15.0%, (Durham Engineers, Inc.) WBE 10% (Journey Engineering) and VBE 00.0%.

**BP2016-06-5**

**ACTION #1:** Consider for approval Plans and Specifications for Consolidated Snow Removal Equipment and Materials Storage Facility at the Indianapolis International Airport, as prepared by the etica group, inc. and authorize the public bidding process.

**ACTION #2:** Consider for approval Amendment No. 2 to the On-Call contract with the etica group, inc. for Consolidated Snow Removal Equipment (SRE) and Materials Storage Facility at the Indianapolis International Airport in an amount not-to-exceed $260,000. Supplier diversity participation on this amendment is MBE 4.39%, (CTL Engineering of Indiana, Inc. and Paul I Cripe, Inc.) WBE 45.3% (the etica group, inc.), and VBE 00.0%.

**BP2016-06-6**

**ACTION #1:** Consider for approval a professional services contract with Crawford Murphy & Tilly, Inc. for Rehabilitate Taxiway H, H1 and H2 and LED Lighting at Indianapolis International Airport, in an amount not-to-exceed $616,669.00 (fees) and $81,100.00 (expenses) for a total not-to-exceed amount of $697,769.00. Supplier diversity participation on the contract is DBE, 20.93% (Durham, RDM & Shrewsberry), MBE 38.03% (Durham, RDM, CTL & Shrewsberry), WBE 4.43% (DB Eng., Protection Plus & Repro), and VBE 3.47% (Waterstreet).

**ACTION #2:** Consider for approval a Delegation of Authority to the IAA Executive Director to approve Plans and Specifications for Rehabilitate Taxiway H, H1 and H2 and LED Lighting at Indianapolis International Airport, as prepared by Crawford Murphy & Tilly, Inc. and authorize the public bidding process.
BP2016-06-7 Consider for approval Plans and Specifications for Phase 1 High Speed Exits, Taxiway C Rehabilitation and interim repair to its shoulders at Indianapolis International Airport as prepared by Butler, Fairman & Seufert, Inc. and authorize the public bidding process

BP2016-06-8 ACTION #1: Consider for approval a professional services contract with Durham Engineering, Inc. for Joint Replacement & Repairs Runway 16-34; Runway 16-34 Electrical Upgrades; Rehabilitate East & West Aprons at Indianapolis Regional Airport; and Rehabilitate Apron Pavement at Metropolitan Airport in an amount not-to-exceed $196,116.62. Supplier diversity participation is DBE 57.25% (Durham Engineering, Inc. and Eilts Consulting Services, Inc.), MBE 55.29% (Durham Engineering, Inc. and CTL Engineering, Inc.), WBE 9.88% (Eilts Consulting Services, Inc. and ReproGraphix Inc.), and VBE 4.97% (Precept Surveying, LLC)

ACTION #2: Consider for approval a Delegation of Authority to the IAA Executive Director to approve separate Plans and Specifications for Joint Replacement & Repairs Runway 16-34; Runway 16-34 Electrical Upgrades; Rehabilitate East & West Aprons at Indianapolis Regional Airport; and Rehabilitate Apron Pavement at Metropolitan Airport as prepared by Durham Engineering, Inc. and authorize the public bidding process

BP2016-06-9 ACTION #1: Consider for approval Plans and Specifications for Replace Airfield Lighting at Metropolitan Airport as prepared by Woolpert, Inc. and authorize the public bidding process

ACTION #2: Consider for approval the Delegation of Authority to the IAA Executive Director to approve and execute a contract for construction services to the lowest responsive and responsible bidder for Replace Airfield Lighting at Metropolitan Airport
BOARD MEMO – APPROVAL OF ON-CALL CONTRACT

To: IAA Board of Directors
From: Marsh Stone, Sr. Director of Commercial Enterprise
Date: June 8, 2016
Board Date: June 17, 2016
Subject: Approval of On-call Professional Service Contracts for Parking Services with Walker Parking Consultants and Carl Walker, Inc.

Background
IAA has experienced 12.6% growth in passenger traffic year over year through April 2016, following 8.6% growth for the year in 2015. With this growth in passenger traffic, IAA is also experiencing significant growth in demand for on-airport parking. Growth in demand is occurring in all IAA parking products: Terminal Garage, Valet and Economy Parking are all experiencing significant growth in demand, especially during peak periods. During peak leisure travel, IAA’s Economy Parking has become completely full, resulting in overflow of automobiles into the Employee Lot. On a fairly consistent basis throughout the year, all covered levels in the Terminal Garage are full and available spaces on the roof are becoming limited, and the Terminal Garage has even reached its full capacity a handful of times during peak periods, requiring closure of the garage, with the exception of Valet and Hourly parkers.

Staff issued a Request For Information (RFI) in January 2016 with responses due February 1, 2016 inviting submittals from firms interested in providing professional services to the Authority for various aspects of the IND parking and transportation systems. The specific areas of interest included in the RFI are: PARCS (Parking Access Revenue Control System) equipment replacement analysis and procurement, financial analysis and strategic planning, ADA compliance, shuttle bus transportation operations, LEED facility certification, parking operation analysis, and ground transportation systems.

Responses were received from six (6) firms and reviewed by a committee of IAA staff. Based on the review, two firms were the highest ranked to provide professional services to the IAA and are recommended for On-call services contracts; Walker Parking Consultants and Carl Walker, Inc.

Scope
The scope of work will vary for each project over the term of the contract. The immediate projects planned include an analysis of the PARCS equipment and software and assistance to identify and procure the appropriate system replacement as the existing system is beyond the end of its useful life. The IAA also plans to implement a strategic analysis of the existing parking system, the need for additional parking and subsequent development of a plan and associated metrics to identify the types and locations of additional parking products.
Budget
Each On-call contract has an identified not-to-exceed amount with a contract term of three years, and a maximum out of pocket of $700,000.

Supplier Diversity Participation
Both these approvals are for On-call contracts. As such, the projects across the life of these contracts are not fully known at this time. The intent of the On-call contract is twofold. For projects of a specialized nature or work on non-capital projects, it is anticipated that the consultant will perform the work with limited or no supplier diversity participation. Capital projects performed under these contracts will be assessed by the Director of Supplier Diversity on a case by case basis and supplier diversity goals will be set based on the opportunities and type of skills needed for that individual project.

Recommendation
ACTION #1: The IAA staff recommends that the Board consider for approval the On-call contract with Walker Parking Consultants for professional services at the Indianapolis International Airport, in an amount not-to-exceed $250,000 over a contract term of three (3) years.

ACTION #2: The IAA staff recommends that the Board consider for approval the On-call contract with Carl Walker, Inc. for professional services at the Indianapolis International Airport, in an amount not-to-exceed $250,000 in year one (1) and no more than $100,000 each in years two (2) and three (3) for a contract term of three (3) years.
To: IAA Board of Directors

From: Rex Joseph Jr., IAA Board Counsel

Date: June 9, 2016

Board Date: June 17, 2016

In connection with existing IAA Resolution No. 6-2010, the following new language is proposed to be added to and made a part thereof, effective immediately upon approval by the IAA Board:

“The HRC (Human Resources Committee) is authorized to address human resource issues in circumstances where the Executive Director/CEO is unavailable, or, in the opinion of the Board, unable to do so.”
BOARD MEMO – ARFF REPLACEMENT

To: IAA Board of Directors

From: Michael Medvescek, Sr. Director of Operations and Public Safety

Date: May 30, 2016

Board Date: June 17, 2016

Subject: ARFF (Aircraft Rescue Firefighting Vehicle) Replacement

Background
An ARFF (Aircraft Rescue and Fire Fighting) Vehicle is a specialized truck that carries water, foam and dry chemical fire extinguishing agents. Unlike other fire trucks, it is designed to fight hydrocarbon fuel fires. It has off road capabilities, as well as the ability to apply firefighting agents while the vehicle is in motion.

This project replaces a 2007 model year, front line, 3000 gallon ARFF Vehicle with a high reach extendable turret with a vehicle of the same size and capabilities. A replacement plan was developed that spread the purchasing of ARFF Vehicles out over a 10-year period. The FAA recommended a 10 year ARFF Vehicle rotation cycle. The 2007 vehicle will become a reserve unit and the current 2003 reserve unit will be sold through the IAA auction process.

This project would include the purchase of a similar vehicle that meets the new FAA, DOT and EPA motor vehicle standards.

Federal Aviation Administration Part 139, requires an airport to meet index based on the length and number of regularly scheduled passenger flights. This index then outlines minimum numbers of firefighting equipment and amount of extinguishing agent that an airport is required to provide. If the airport is not able to supply sufficient fire coverage the air carrier operations is limited. The Indianapolis Airport has two reserve ARFF vehicles, allowing the Airport’s index to rise without emergency purchases of additional equipment and to allow maintenance, special events and mutual aid responses without affecting the airport index.

Scope
This project proposes to replace a front line ARFF vehicle with a 3000-gallon water capacity, 420-gallon foam concentrate capacity, 500 pounds of dry chemical firefighting agent, an extendable reach waterway and off road capabilities.

The proposed completion of the project would be within 365 days of the Notice to Proceed (NTP).
**Budget**
This project is included in the 2017 Capital Budget at a cost of $1M. The proposed project is up to 75% AIP eligible.

**Schedule**
- Board approves advertisement: June 17, 2016
- Open bids: July 20, 2016
- Board approves contract: August 19, 2016
- Vehicle delivered: Up to 365 days after NTP

**Supplier Diversity Participation**
After consulting with the IAA Director of Supplier Diversity, no certified companies were found that could provide this service.

**Recommendation**
The IAA Staff recommends the Board consider for approval submitting a request for bids to purchase an Aircraft Rescue and Fire Fighting (“ARFF”) vehicle that meets the new FAA, DOT and EPA motor vehicle standards.
BOARD MEMO – ON CALL CONTRACT AMENDMENT

To: IAA Board of Directors

From: Shannetta Griffin, P.E., Sr. Director of Planning & Development

Date: June 8, 2016

Board Date: June 17, 2016

Subject: Approval of Amendment No. 1 On-Call Contract for American Structurepoint, Inc.

Background
A Request for Proposals (RFP) for On-Call Professional Services was issued in October, 2014. Proposals were received from 59 individual firms. The On-Call Services contracts are primarily used for operational projects and airport cash funded capital projects. Based on the review of the proposals according to the criteria included within the RFP, the 28 highest ranked firms across the various service expertise areas were awarded On-Call Services contracts for a two year term.

This amendment is to increase the contract compensation and the contract time for American Structurepoint in order to complete the planned capital project - Airport Lots & Roads 2016, Project No. I-16-016. This project combines the rehabilitation work necessary to maintain the approximately 26 miles of landside roadways and various asphalt lots throughout the Midfield campus.

Scope
The scope for the Airport Lots & Roads 2016 project includes the engineering design, development of bid documents, construction administration and project close out activities. In order to provide for the construction, punch list activities, 10 month warranty walk through and project closeout activities, the contract end date is amended to November 30, 2018.

Budget
The IND Roads and Asphalt Lots Rehabilitation project is 100% airport cash funded.

<table>
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<tr>
<th>On-Call Contract Amendment</th>
<th>American Structurepoint</th>
</tr>
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<td>Original Contract Value</td>
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<tr>
<td>Total Contract Value</td>
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</tr>
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</table>
The Airport Lots & Roads 2016 project is being undertaken to repair existing infrastructure that is integral to the continued operation of the airport. As a result of the critical nature of the repairs, this project is exempt under the Authority's hurdle rate policy and has not been subjected to an internal rate of return calculation.

**Supplier Diversity Participation**
The Supplier Diversity participation is summarized below in Recommendation.

**Recommendation**
The IAA staff recommends that the Board consider for approval Amendment No. 1 to the On-call contract with American Structurepoint, Inc. engineering services for the Airport Lots & Roads 2016 at the Indianapolis International Airport, in an amount not-to-exceed $140,000. Supplier diversity participation on Amendment No. 1 is MBE 15.0%, (Durham Engineers, Inc.) WBE 10% (Journey Engineering) and VBE 00.0%.
BOARD MEMO – PLANS, SPECS AND ON-CALL CONTRACT APPROVAL

To: IAA Board of Directors

From: Shannetta Griffin, P.E., Sr. Director of Planning & Development

Date: May 24, 2016

Board Date: June 17, 2016

Subject: Approval of Plans and Specifications for Consolidated Snow Removal Equipment and Materials Storage Facility at the Indianapolis International Airport, Project No. I-15-031, and Authorize the Public Bidding Process; and Approval of On-call Contract Amendment No. 2 with the etica group inc.

Background
The Snow Removal Equipment (SRE) for the Indianapolis International Airport is currently stored in four aging buildings spread across the northeast corner of the airport – Storage Building 5, Storage Building 6, Hangar 100 and Hangar 105. Additionally, several pieces of equipment are stored in Building 2 despite its primary function being a maintenance shop. It is the desire of the Maintenance and Operations Department to develop a consolidated SRE storage building that brings all the SRE equipment – including the recently acquired MB Multi-Tasking Snow Removal Vehicles which are too large to fit inside any current buildings other than hangars - under one roof with adequate space for proper storage of the SRE equipment.

Reynolds Smith and Hills, Inc. (RS&H) was selected for the IND Master Plan through a Request for Proposal (RFP) process per FAA requirements in 2011. Amendment 3 to their contract was approved on February 20, 2015 to include planning of a consolidated SRE and material storage complex that also included the maintenance functions currently centered around Building #2 on Banner Avenue (northeast area of IND). However, the RS&H study found that a new facility, located near the Ground Run-Up Enclosure off of West Perimeter Road, would come at a cost-prohibitive expense of approximately $70 million.

Action #1: A new approach conceived by Airport Authority staff concluded Buildings 5 and 6, located just west of Airport Maintenance Building #2, could be demolished and replaced with a larger building that could store all of the SRE equipment for an estimated cost of 10 million dollars. This cost would include improvements to the Landside Salt Dome and Bulk Storage building, as well as improvements to ancillary facilities and pavements. This project is included in the approved 2015 Capital Budget as Construct New Airfield Maintenance Facility, and is eligible to receive FAA grant funding of up to 75% of the total cost for eligible elements of the project.
To facilitate the expedient preparation of the requisite documentation (preliminary engineering and plans and specifications) for the construction of the newly conceived SRE and Materials Storage Building, the On-Call contract with the etica group, inc. - which was executed by the Executive Director of the Indianapolis Airport Authority on April 2, 2015 and expires on February 28, 2017 – was utilized with Task Order No. 3 in the amount of $51,955.00 executed on May 17, 2016. It is anticipated the complete design of the SRE and Material Storage Building, along with other ancillary facilities and pavements, will be approximately $308,921.00, and thus will require an amendment to etica group inc.’s On-Call contract which is currently limited to $150,000.00.

**Action #2:** The amendment for the On-Call contract with etica group, inc. is to increase the contract compensation and the contract time in order to complete the planned capital project in Action #1.

**Scope**

**Action #1:** Vehicle Storage Buildings 5 and 6 would be demolished and in their place would be constructed a new 77,400 square foot building to store the SRE currently stored in Buildings 5 and 6, as well as Hangars 100 and 105. New enclosures would be constructed at Bulk Storage Building 4 and Landside Salt Dome 2A. Also, the storage capacities of the Acetate Storage and the Building 2 fueling station would be increased.

In order to meet an upcoming grant opportunity, expedient preparation of engineering design documents including a construction bid package is required. The IAA has negotiated a scope and fee proposal for the required professional design services, construction administration, and project closeout activities with the etica group, inc. In order to provide for the construction, punch list activities, 10 month warranty walk through and project closeout activities, the contract end date is amended to December 31, 2018.

**Budget**

**Action #1:** Total construction package is estimated to be more than $10,000,000. The range is established per Federal Acquisition Regulation Subpart 36.2

The funding for this project is expected to be up to 75% Federal Aviation Administration (FAA) grant funds and at least 25% Airport capital improvement funds.

The project is being undertaken to rehabilitate existing infrastructure integral to the continued safe operations of the airport and is anticipated to be grant funded. As a result of the critical nature of the repairs and the anticipated grant funding, this project is exempt under the Authority’s hurdle rate policy and has not been subjected to an internal rate of return calculation.

**Action #2:**

<table>
<thead>
<tr>
<th>On-Call Contract Amendment No. 2 the etica group, inc.</th>
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<tbody>
<tr>
<td>Original Contract Value</td>
<td>On-Call Dollars Available</td>
</tr>
<tr>
<td>the etica group, inc.</td>
<td>$150,000.00</td>
</tr>
</tbody>
</table>
Schedule
Action #1
Advertisement of Opportunity to Bid: June 24, 2016 and July 1, 2016
Pre-Bid Meeting: Date: July 7, 2016 Time: 10:00 am Location: Building 2
Bid Opening: Date: July 22, 2016 Time: 2:00 pm Location: Board Room

Contract award anticipated August 19, 2016 and the substantial completion date is expected to be late September 2017.

Supplier Diversity Participation
Action #1: The Director of Supplier Diversity has established the following participation goals: DBE 14%, MBE 15%, WBE 10%, VBE 3%.

Recommendation
Action #1: The IAA staff recommends the Board consider for approval Plans and Specifications for Consolidated Snow Removal Equipment and Materials Storage Facility at the Indianapolis International Airport, as prepared by the etica group, inc. and authorize the public bidding process.

Action #2: The IAA staff recommends that the Board consider for approval Amendment No. 2 to the On-Call contract with the etica group, inc. for Consolidated Snow Removal Equipment (SRE) and Materials Storage Facility at the Indianapolis International Airport in an amount not-to-exceed $260,000. Supplier diversity participation on this amendment is MBE 4.39%, (CTL Engineering of Indiana, Inc. and Paul I Cripe, Inc.) WBE 45.3% (the etica group, inc.), and VBE 00.0%.
To: IAA Board of Directors

From: Shannetta Griffin, P.E., Sr. Director of Planning & Development

Date: June 8, 2016

Board Date: June 17, 2016

Subject: Approval of Professional Services Contract with Crawford Murphy & Tilly, Inc. and for Approval of Plans and Specifications for Rehabilitate Taxiway H, H1 and H2 and LED Lighting at Indianapolis International Airport, Project #I-16-002, Authorize the Public Bidding Process

Background
Taxiways H, H1, and H2 were constructed over multiple years and have been identified as needing repairs beyond the scope of airfield maintenance. As a part of this project, the existing airfield lighting system (lights, signage, conduits, duct banks, and cabling) associated with Taxiways H, H1 and H2 at IND shall be replaced as per the guidance provided in the Airfield Electrical System Study.

An airfield pavement evaluation and management plan for IND completed in 2015 validated that segments of Taxiway H, H1 and H2 are in need of major rehabilitation to repair cracked panels, reseal joints, to perform partial depth repair and slab replacement. However, the extent and causes of the pavement issues was not, and could not, be determined via a surface investigation.

As such, this Professional Services Contract is to be performed in two phases, with the first being a “project scoping” effort and the second phase being the design services predicated on the results of the first phase. The first phase (project scoping) will include the requisite destructive and non-destructive testing and other pertinent site investigative techniques as needed to clarify the issues affecting the pavements and define the appropriate repair methodology, and hence design, to be undertaken as part of the second phase.

On March 4, 2016, the IAA issued a Request for Qualifications (RFQ) per Federal Aviation Administration (FAA) requirements to select a designer for this project, with responses due on April 4, 2016, 5 proposals were received. A review committee made up of 3 IAA representatives reviewed and ranked the proposals.

After the review committee identified Crawford Murphy & Tilly, Inc. as the ranked highest firm, IAA entered into, and successfully completed, contract negotiations for “Project Scoping” with Crawford Murphy & Tilly, Inc. for the professional services needs for the first phase of Design.
Memo Re: Taxiway H, H1 & H2, and LED Lighting

Scope
The scope of this project is multi-fold, with the first phase being project scoping and the second being the design of the project identified via the scoping effort. In both cases, Crawford Murphy & Tilly, Inc. is responsible for the preparation of bid documents needed to perform the project scoping and for the rehabilitation of taxiway H, H1 and H2, the removal of existing pavements, and the replacement of the existing taxiway edge lighting and signage for all impacted taxiways with LED lighting.

ACTION #1 - This contract is for professional services providing assistance through the public bidding process and construction administration.

ACTION #2 – To maximize the Airport Improvement Program (AIP) grant funding opportunities and meet the associated deadlines, staff requests Delegation of Authority to the IAA Executive Director to approve Plans and Specifications and authorize the public bidding process.

Budget
ACTION #1 - Crawford Murphy & Tilly, Inc. contract is $697,796.00, which is within the approved 2016 Capital Budget for Rehabilitate Taxiway H, H1 and H2 and LED Lighting.

ACTION #2 – The construction package is estimated between $1 million and $5 million.

The funding for this project is expected to be 75% Federal Aviation Administration (FAA) grant funds and 25% Airport cash funded. This project, as well as the follow-on construction project, will be completed with FAA AIP Funds.

The project is being undertaken to rehabilitate existing infrastructure that is integral to the continued safe operations of the airport and is anticipated to be grant funded. As a result of the critical nature of the repairs and the anticipated grant funding, this project is exempt under the Authority's hurdle rate policy and has not been subjected to an internal rate of return calculation.

Schedule
ACTION #1 – Preparation of plans and specification was initiated under a Letter of Intent on May 9, 2016. The Contract award is anticipated June 17, 2016; and the anticipated completion date is December 31, 2017 to allow for the rehabilitation of the remaining phase of Taxiway H, H1, H2 and LED Lighting project closeout and warranty period.

ACTION #2 - Advertisement of Opportunity to Bid:  June 24, 2016 and June 30, 2016
Pre-Bid Meeting: Date: July 1, 2016 Time: 3:00 pm Location: Board Room
Bid Opening: Date: July 22, 2016 Time: 3:00 pm Location: Board Room

Contract Award schedule and project completion is dependent on timing of FAA AIP grant.
Supplier Diversity Participation

ACTION #1 - The Director of Supplier Diversity has approved the following:

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<th>MBE</th>
<th>WBE</th>
<th>VBE</th>
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ACTION #2 - The Director of Supplier Diversity has established the following participation goals: DBE 14%, MBE 15%, WBE 10% and VBE 3%.

Recommendation

ACTION #1 - The IAA staff recommends the Board consider for approval a professional services contract with Crawford Murphy & Tilly, Inc. for Rehabilitate Taxiway H, H1 and H2 and LED Lighting at Indianapolis International Airport, in an amount not-to-exceed $616,669.00 (fees) and $81,100.00 (expenses) for a total not-to-exceed amount of $697,796.00. Supplier diversity participation on the contract is DBE, 20.93% (Durham, RDM & Shrewsberry), MBE 38.03% (Durham, RDM, CTL & Shrewsberry), WBE 4.43% (DB Eng., Protection Plus & Repro), and VBE 3.47% (Waterstreet).

ACTION #2 – The IAA staff recommends the Board consider for approval a Delegation of Authority to the IAA Executive Director to approve Plans and Specifications for Rehabilitate Taxiway H, H1 and H2 and LED Lighting at Indianapolis International Airport, as prepared by Crawford Murphy & Tilly, Inc. and authorize the public bidding process.
BOARD MEMO – PLANS & SPECS APPROVAL

To: IAA Board of Directors

From: Shannetta Griffin, P.E., Sr. Director of Planning & Development

Date: June 8, 2016

Board Date: June 17, 2016

Subject: Approval of Plans and Specifications for Design of High Speed Exits, Taxiway C and Taxiway C’s Shoulders Rehabilitation, and LED Lighting at Indianapolis International Airport, Project # I-16-001, and Authorize the Public Bidding Process.

Background
Taxiway C and its shoulders were constructed in 1992 and are in need of rehabilitation with the FAA’s concurrence. The existing High Speed Exits – Taxiways C4 and C7 - between Runway 5R-23L and Taxiway C must be reconstructed in order for their geometry to adhere to current FAA Design Guidelines, as well as satisfy a request made by Air Traffic Control Tower (ATC). As a result of the work to be accomplished on the High Speed Exits, a new connector taxiway, to be located approximately 1,500 feet east of the threshold of Runway 5R, may also be constructed; however, it remains contingent upon FAA approval and funding.

The overall project is to be accomplished in two phases: Phase 1 - the rehabilitation of Taxiway C and an interim repair of its shoulders in 2016, and Phase 2 – the full rehabilitation of Taxiway C’s shoulders and the reconstruction of High Speed Exits C4 and C7 - and construction of the new connector - to occur in 2017. The interim repairs in 2016 are necessary repairs to Taxiway C’s shoulders prior to the next winter season. The installation of LED lighting and signage on Taxiway C, and its connectors, is part of Phase 2.

The phasing is required to facilitate funding and provide time for the FAA to approve the IND ALP update.

Scope
Given this is a multiphase project, the engineering services needed for both phases of the project is part of the overall scope; however, this ATB is for Phase 1, the rehabilitation of Taxiway C and an interim repair to its shoulders.

Budget
Total construction package is estimated between $1,000,000 and $5,000,000. The range is established per Federal Acquisition Regulation Subpart 36.2.
The funding for this project is expected to be 75% Federal Aviation Administration (FAA) grant funds and 25% Airport cash funded. This project, as well as the follow-on construction project, will be completed with FAA AIP Funds.

The project is being undertaken to rehabilitate existing infrastructure integral to the continued safe operations of the airport which is anticipated to be grant funded. As a result of the critical nature of the repairs, and the anticipated grant funding, this project is exempt under the Authority's hurdle rate policy and has not been subjected to an internal rate of return calculation.

**Schedule**

Advertisement of Opportunity to Bid: June 18, 2016 and June 23, 2016
Pre-Bid Meeting: Date: June 28, 2016 Time: 2:00 pm Location: 4th Floor Board Room
Bid Opening: Date: July 14, 2016 Time: 2:00 pm Location: 4th Floor Board Room

Contract award anticipated July 15, 2016 and the substantial completion date is expected to be October 2016.

**Supplier Diversity Participation**
The Director of Supplier Diversity established the following participation goals:
DBE 14%, MBE 15%, WBE 10%, and VBE 3%

**Recommendation**
The IAA staff recommends that the Board consider for approval Plans and Specifications for Phase 1 High Speed Exits, Taxiway C Rehabilitation and interim repair to its shoulders at Indianapolis International Airport as prepared by Butler, Fairman & Seufert, Inc. and authorize the public bidding process.
BOARD MEMO – CONTRACT AWARD & DELEGATION OF APPROVAL

To: IAA Board of Directors

From: Shannetta Griffin, P.E., Sr. Director of Planning & Development

Date: May 26, 2015

Board Date: June 17, 2016

Subject: Approval of Professional Services Contract with Durham Engineering, Inc., approval of Delegation of Authority for Plans and Specifications, and authorize the public bidding process for the Joint Replacement & Repairs Runway 16-34 (Project # C-16-044), Runway 16-34 Electrical Upgrades (Project # C-16-061), and Rehabilitate East & West Aprons (Project # C-16-057) at Indianapolis Regional Airport and Rehabilitate Apron Pavement (Project # M-16-047) at Metropolitan Airport.

Background
On April 1, 2016, the IAA issued a qualifications based Request for Proposals (RFP) per Federal Aviation Administration (FAA) requirements to select a designer for these projects; Joint Replacement & Repairs Runway 16-34 (Project # C-16-044), Runway 16-34 Electrical Upgrades (Project # C-16-061), and Rehabilitate East & West Aprons (Project # C-16-057) at Indianapolis Regional Airport and Rehabilitate Apron Pavement (Project # M-16-047) at Metropolitan Airport, with responses due on May 2, 2016. One proposal was received from Durham Engineering, Inc. The review committee determined Durham Engineering team’s proposal as responsible and responsive.

Project No. C-16-044
Runway 16-34 at Indianapolis Regional has begun to deteriorate and requires significant repairs to extend the useful life. The runway pavement was constructed in 1984 and no major repairs have been completed.

Joint replacement & repairs are consistent with the strategic plan to maintain Indianapolis Airport Authority (IAA) properties at a serviceable level, and is consistent with the pavement preventive maintenance program.

Project No. C-16-061
The electrical lighting for Runway 16-34 at Indianapolis Regional was installed in 1983 and requires replacement. The project will replace the lighting for Runway 16-34 with LED lighting.

Project No. C-16-057
The East & West Aprons at Indianapolis Regional require rehabilitation. The East Apron was constructed in 1978, West Apron was constructed in 1981.
Repairs are consistent with the strategic plan to maintain Indianapolis Airport Authority (IAA) properties at a serviceable level, and is consistent with pavement preventive maintenance program.

**Project No. M-16-047**
The Apron at Metropolitan Airport requires rehabilitation. A portion of the Apron was constructed in 1985 with the remainder of the Apron constructed in 1990.

Repairs are consistent with the strategic plan to maintain Indianapolis Airport Authority (IAA) properties at a serviceable level, and it is consistent with pavement preventive maintenance program.

**Scope**
**Indianapolis Regional Airport**
The pavement repairs for the Joint Replacement & Repairs Runway 16-34 (Project No. C-16-044) are anticipated to include concrete joint cleaning and resealing, partial and full depth spall repair, and panel removal and replacement. This project includes design and construction services. Runway 16-34 Electrical Upgrades (Project No. C-16-061) includes the design for LED lighting and associated work. Design for the Pavement repairs for the Rehabilitate East & West Aprons (Project No. C-16-057) are anticipated to include concrete joint cleaning and resealing, partial and full depth spall repair, and panel removal and replacement.

**Metropolitan Airport**
This project is for the design work associated with pavement repairs to rehabilitate the East and West apron pavement (Project No. M-16-047) and will primarily consist of joint sealant with miscellaneous associated work.

**Budget**
The Durham Engineering, Inc. Professional Services Contract is $196,116.42, which is within the approved 2015 Capital Budget for Joint Replacement & Repairs Runway 16-34 (Project No. C-16-044), Runway 16-34 Electrical Upgrades (Project No. C-16-061), and Rehabilitate East & West Aprons (Project No. C-16-057) at Indianapolis Regional Airport; and Rehabilitate Apron Pavement (Project No. M-16-047) at Metropolitan Airport.

The funding for these projects is expected to be 90% Federal Aviation Administration (FAA) grant funds and up to 10% Airport capital improvement funds. The IAA will be applying for a state grant from Indiana Department of Transportation (INDOT). It is anticipated INDOT funding for this year will be at 4%, reducing the Airport capital funding to 6% of the project. It is anticipated grant funds will be sought after in the near future.

The projects are being undertaken to rehabilitate existing infrastructure integral to the continued safe operations of the airport and is anticipated to be grant funded. As a result of the critical nature of the repairs and the anticipated grant funding, this project is exempt under the Authority's hurdle rate policy and has not been subjected to an internal rate of return calculation.
Supplier Diversity Participation
The Director of Supplier Diversity has approved the following:

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Schedule
ACTION #1 Preparation of separate plans and specification for all four projects was initiated under a Letter of Intent on May 18, 2016. The Contract award is anticipated June 17, 2016; and the anticipated completion date is December 31, 2017 to allow for the construction, project closeout, and warranty period.

ACTION #2 Advertisement of Opportunity to Bid for Joint Replacement & Repairs Runway 16-34 (Project No. C-16-044) and Rehabilitate East & West Aprons (Project No. C-16-057) at the Indianapolis Regional Airport and Rehabilitate Apron Pavement (Project No. M-16-047) at Metropolitan Airport: June 24, 2016 and June 30, 2016:

- **Pre-Bid Meeting**
  - Date: July 1, 2016
  - Time: 2:00 pm Location: Board Room

- **Bid Opening**
  - Date: July 22, 2016
  - Time: 3:30 pm Location: Board Room

Contract Award schedule and project completion is dependent on timing of FAA AIP grant.

Recommendation
ACTION #1 The IAA staff recommends the Board consider for approval a professional services contract with Durham Engineering, Inc. for Joint Replacement & Repairs Runway 16-34; Runway 16-34 Electrical Upgrades; Rehabilitate East & West Aprons at Indianapolis Regional Airport; and Rehabilitate Apron Pavement at Metropolitan Airport in an amount not-to-exceed $196,116.62. Supplier diversity participation is DBE 57.25% (Durham Engineering, Inc. and Eilts Consulting Services, Inc.), MBE 55.29% (Durham Engineering, Inc. and CTL Engineering, Inc.), WBE 9.88% (Eilts Consulting Services, Inc. and ReproGraphix Inc.), and VBE 4.97% (Precept Surveying, LLC).

ACTION #2 The IAA staff recommends the Board consider for approval a Delegation of Authority to the IAA Executive Director to approve separate Plans and Specifications for Joint Replacement & Repairs Runway 16-34; Runway 16-34 Electrical Upgrades; Rehabilitate East & West Aprons at Indianapolis Regional Airport; and Rehabilitate Apron Pavement at Metropolitan Airport as prepared by Durham Engineering, Inc. and authorize the public bidding process.
BOARD MEMO – PLANS & SPECS APPROVAL AND DELEGATION

To: IAA Board of Directors

From: Shannetta Griffin, P.E., Sr. Director of Planning & Development

Date: June 8, 2016

Board Date: June 17, 2016

Subject: Approval of Plans and Specifications for Replace Airfield Lighting at Metropolitan Airport, Project No. M-15-046, Authorize the Public Bidding Process, and Authorize Delegation of Authority

Background

Metropolitan Airport (UMP) has one asphalt runway, Runway 15-33. The runway lighting system was installed in the 1960s and the taxiway system was installed in 1987. The majority of the lighting system is a direct buried system (wire in ground and stake mounted lights). The exception is the runway lights on the east side of the runway that were replaced as a closed system (wire in conduit and base cans on the lights) as part of the runway widening in 1996.

In 2015, Woolpert designed Rehabilitation Runway 15-33 in conjunction with the LED lighting upgrade. No bids were received for the LED lighting, and the plans & specifications were shelved. In anticipation of grant funding in 2016, the LED lighting is being repackaged for bids.

The replacement of the airfield lighting will include the completion of the upgrade of the runway lighting system to a closed system; replacement of the taxiway lighting system with a closed system; and replacement the guidance signs. Replacing the lighting system is needed to maintain efficient operating condition. The design life of airfield lighting is at least 10 years.

In addition to the contract amount, IAA is requesting a construction reserve of 3% of the total contract amount for this project. A construction reserve of 3% has been previously approved by the Board on other projects and successfully implemented to ensure timely approval of minor changes necessary due to unforeseen conditions and circumstances. There are sufficient dollars within this project’s budget to accommodate the funding of the 3% contingency for construction reserve. Any change orders exceeding the contract and construction reserve will be submitted to the Board for approval.

Scope

The scope of work includes the repackaging of Plans & Specification of LED runway lighting system, taxiway lighting, and the guidance signs.
**Budget**
Total construction package is estimated between $500,000 and $1,000,000. The range is established per Federal Acquisition Regulation Subpart 36.2.

The funding for this project is expected to be 90% Federal Aviation Administration (FAA) grant funds and up to 10% Airport capital improvement funds. The IAA will also be applying for a state grant from Indiana Department of Transportation (INDOT). When there are sufficient monies in the state budget, INDOT provides a grant up to 4% of the funding potentially reducing the Airport capital funding to as little as 6% of the project.

The project is being undertaken to rehabilitate existing infrastructure that is integral to the continued safe operations of the airport and is anticipated to be grant funded. As a result of the critical nature of the repairs and the anticipated grant funding, this project is exempt under the Authority's hurdle rate policy and has not been subjected to an internal rate of return calculation.

**Schedule**
Advertisement of Opportunity to Bid: June 17, 2016 and June 22, 2016
Pre-Bid Meeting: Date: June 24, 2016 Time: 3:00 pm Location: 4th Floor Board Room
Bid Opening: Date: July 8, 2016 Time: 3:00 pm Location: 4th Floor Board Room

Contract award anticipated upon notification of funding and the substantial completion date is expected to be April 2017.

**Supplier Diversity Participation**
The Director of Supplier Diversity established the following participation goals:
DBE 14%, MBE 15%, WBE 10%, and VBE 3%

**Recommendation**
**ACTION #1:** The IAA staff recommends the Board consider for approval Plans and Specifications for Replace Airfield Lighting at Metropolitan Airport as prepared by Woolpert, Inc. and authorize the public bidding process.

**ACTION #2:** The IAA Staff recommends the Board consider for approval the Delegation of Authority to the IAA Executive Director to approve and execute a contract for construction services to the lowest responsive and responsible bidder for Replace Airfield Lighting at Metropolitan Airport.