

A RESOLUTION BY TRANSPORTATION COMMITTEE AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH BROOKS-BERRY-HAYNIE & ASSOCIATES, INC. FOR PROJECT NUMBER FC-7036, AIRFIELD LED LIGHTS, AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$15,929,313.79. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111300 (AIRFIELD PROJECTS) D0200018 (AIRFIELD LED LIGHTS) 550291249 (DOA R N E 9999) 5414002 (FACILITIES OTHER THAN BLDGS) AND FDOA: 5502 (AIRPORT RENEWAL & EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5414002 (FACILITIES OTHER THAN BLDGS) 7563000 (AIRPORT) 111300 (AIRFIELD PROJECTS) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

Workflow List:

Finance	Completed	03/03/2014 10:11 AM
Kristen M. Rectenwald	Completed	03/03/2014 12:00 PM
Miguel Southwell	Completed	03/03/2014 2:09 PM
Procurement	Completed	03/03/2014 2:59 PM
Adam Smith	Completed	03/03/2014 4:27 PM
Mayor's Office	Completed	03/03/2014 5:15 PM
Office of Research and Policy Analysis	Completed	03/05/2014 10:49 AM
Transportation Committee	Pending	
Atlanta City Council	Pending	
Mayor's Office	Pending	

Certified by Presiding Officer	Certified by Clerk
Mayor's Action	
<i>See Authentication Page Attachment</i>	

LEGISLATION HISTORY – BLUE BACK

A RESOLUTION BY TRANSPORTATION COMMITTEE AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH BROOKS-BERRY-HAYNIE & ASSOCIATES, INC. FOR PROJECT NUMBER FC-7036, AIRFIELD LED LIGHTS, AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$15,929,313.79. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111300 (AIRFIELD PROJECTS) D0200018 (AIRFIELD LED LIGHTS) 550291249 (DOA R N E 9999) 5414002 (FACILITIES OTHER THAN BLDGS) AND FDOA: 5502 (AIRPORT RENEWAL & EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5414002 (FACILITIES OTHER THAN BLDGS) 7563000 (AIRPORT) 111300 (AIRFIELD PROJECTS) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta (the “City”) solicited bids for Project Number FC- 7036, Airfield LED Lights on behalf of the Department of Aviation (the “Project”); and

WHEREAS, the Project is to replace incandescent hold bars, touchdown, centerline and edge lights with Light-Emitting Diode (LED) fixtures throughout areas of the airfield that have not been upgraded as a result of other projects and, in addition, airfield guidance signs will be upgraded with Light-Emitting Diode (LED) lamps; and

WHEREAS, the Aviation General Manager and the Chief Procurement Officer have recommended that the Contract for the Project be awarded to the most responsive, responsible bidder, Brooks-Berry-Haynie & Associates, Inc. (the “Contractor”), in an amount not to exceed \$15,929,313.79.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor is authorized to execute an Agreement with Brooks-Berry-Haynie & Associates, Inc. for the Project, on behalf of the Department of Aviation, in an amount not to exceed \$15,929,313.79.

BE IT FURTHER RESOLVED, that the Contractor is expected to achieve substantial completion of the entire Project on or before 730 calendar days from Notice to Proceed.

BE IT FURTHER RESOLVED, that the City Attorney is hereby directed to prepare an Agreement for execution by the Mayor, to be approved by the City Attorney as to form.

BE IT FURTHER RESOLVED, that all contracted work will be charged to and paid from PTAE0: 18111300 (Airfield Projects) D0200018 (Airfield LED Lights) 550291249 (DOA R N E 9999) 5414002 (Facilities Other Than Bldgs.) and FDOA: 5502 (Airport Renewal & Extension Fund) 180201 (DOA Aviation Capital Planning & Development) 5414002 (Facilities Other Than Bldgs.) 7563000 (Airport) 111300 (Airfield Projects) 91249 (DOA R N E 9999).

BE IT FINALLY RESOLVED, that the Agreement shall not become binding upon the City and the City will incur no obligation or liability under it until it has been executed by the Mayor, or his designee,

attested to by the Municipal Clerk, approved by the City Attorney as to form and delivered to Brooks-Berry-Haynie & Associates, Inc.

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: CANDACE L. BYRD

Dept.'s Legislative Liaison: Anita Williams

Contact Number: 404-530-6600

Originating Department: Aviation

Committee(s) of Purview: Transportation

Chief of Staff Deadline: 02/21/14

Anticipated Committee Meeting Date(s): 03/12/14

Anticipated Full Council Date: 03/17/14

Legislative Counsel's Signature: Kristen Rectenwald *Kristen M. Rectenwald*

Commissioner's Signature: [Signature]

Chief Financial Officer: N/A

Chief Information Officer Signature (for IT Procurements): N/A

Chief Procurement Officer Signature: [Signature]

CAPTION

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH BROOKS-BERRY-HAYNIE & ASSOCIATES, INC. FOR PROJECT NUMBER FC-7036, AIRFIELD LED LIGHTS, AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$15,929,313.79. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111300 (AIRFIELD PROJECTS) D0200018 (AIRFIELD LED LIGHTS) 550291249 (DOA R N E 9999) 5414002 (FACILITIES OTHER THAN BLDGS) AND EDOA: 5502 (AIRPORT RENEWAL & EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5414002 (FACILITIES OTHER THAN BLDGS) 7563000 (AIRPORT) 111300 (AIRFIELD PROJECTS) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) \$15,929,313.79

Mayor's Staff Only

Received by CPO: 2/22/14 (date) Received by LC from CPO: [Signature] (date)

Received by Mayor's Officer: Janice Osei 2/24/14 (date) Reviewed by: [Signature] (date)

Submitted to Council: _____ (date)

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAJA)

Legislative White Paper

Committee of Purview: Transportation

Caption:

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH BROOKS-BERRY-HAYNIE & ASSOCIATES, INC. FOR PROJECT NUMBER FC-7036, AIRFIELD LED LIGHTS, AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$15,929,313.79. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111300 (AIRFIELD PROJECTS) D0200018 (AIRFIELD LED LIGHTS) 550291249 (DOA R N E 9999) 5414002 (FACILITIES OTHER THAN BLDGS) AND FDOA: 5502 (AIRPORT RENEWAL & EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5414002 (FACILITIES OTHER THAN BLDGS) 7563000 (AIRPORT) 111300 (AIRFIELD PROJECTS) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

Council Meeting Date: 03/17/14

Legislation Title: Airfield LED Lights

Requesting Dept.: Aviation

Contract Type: Construction Agreement

Source Selection: Invitation to Bid

Bids/Proposals Due: 1/22/2014

Invitations Issued: 11/21/2013

Number of Bids/

Proposals Received: One (1)

Bidders/Proponents: Brooks-Berry-Haynie & Associates, Inc.

Background:

A resolution authorizing the Mayor to execute an Agreement with Brooks-Berry-Haynie & Associates, Inc., for FC-7036, Airfield LED Lights project.

This project is to replace incandescent hold bars, touchdown, centerline and edge lights with Light-Emitting Diode (LED) fixtures throughout areas of the airfield that have not been upgraded as a result of other projects. In addition airfield guidance signs will be upgraded with Light-Emitting Diode (LED) lamps.

In order to be consistent with a 2010 Federal Aviation Administration (FAA) Advisory Circular (AC) 150/340-30E, it necessary to replace incandescent light fixtures with LED fixtures. This conversion to LED lights is expected to enhance airfield safety by providing a

more uniform lighting appearance and is expected to lower airport operating costs through energy savings and reduced maintenance requirements.

Source of Funds: Airport Renewal & Extension Fund

Fiscal Impact: \$15,929,313.79

Term of Contract: 730 Calendar Days (Substantial Completion)

Method of Cost Recovery: N/A

Approvals:

DOF: yes

DOL: yes

Prepared By: Anita Williams

Contact Number: 404-382-2313

FC-7036; Airfield LED Lights

The scope of this project is to replace incandescent hold bars, touchdown, centerline and edge lights with Light-Emitting Diode (LED) fixtures throughout areas of the airfield that have not been upgraded as a result of other projects. In addition airfield guidance signs will be upgraded with Light-Emitting Diode (LED) lamps.

FC-7036; Airfield LED Lights

Authorizing Resolution: 13-R-XXXX

Adopted: TBD

Contract Execution Date: TBD

Contract Term: 730 Calendar Days

Brooks-Berry-Haynie & Associates, Inc. (BBH)

Brooks-Berry-Haynie & Associates began as Brooks-Allison & Associates in 1953 by J.W. Brooks and Robert Allison, the company has grown to be one of the most respected electrical contractors in the Atlanta Area. In 1972 the business was split into two parts with the inside electrical work portion going with Mr. Allison to form Allison Smith Company and the outside portion going with Mr. Brooks to form Brooks-Berry-Haynie & Associates along with Maynard Berry and R.J. Haynie. Mr. Brooks retired in 1975 and Mr. Haynie left the business in 1979. In 1984 Mr. Berry retired and sold the business to F. Wayne Costley and J. Alex Owen. Mr. Costley retired in 1977 leaving Mr. Owen as the sole Owner. The business has retained the same name even though its namesakes are no longer working with the company.

BBH has more than 150 employees and has annual sales on average of \$40 million. BBH has worked on some major projects at Hartsfield-Jackson Atlanta Airport such as Center Airfield Taxiway Connectors, Runway 27R Extension Phases 1 and 2, South Airfield FAA Power Replacement and Fifth Runway I-285 Bridge Structures to name a few. BBH specializes in electrical construction related to airfield lighting, medium voltage distribution, roadway lighting, sports lighting, traffic signals, Intelligent Traffic Systems, and the maintenance thereof. They are licensed electrical contractors in every state in the Southeast United States and licensed Utility Contractors in Georgia.

Domicile:

Brooks-Berry Haynie
600 Discovery Place
Mableton, GA 30126
Phone: 770.874.1162
Fax: 770.874.1171
<http://bbhelectric.com>

Contact:

Jason Owen
President/Owner

Legal Structure:
Corporation

Major Offices:
Mableton, Georgia



Kasim Reed
Mayor

Miguel Southwell
Interim Aviation
General Manager

To: Adam L. Smith, Esq., CPPO, CPPB, CPPM, CPP
Chief Procurement Officer
Department of Procurement

From: Miguel Southwell
Interim Aviation General Manager
Department of Aviation

Date: February 6, 2014

SUBJECT: Contract FC-7036 –Airfield LED Lights
Recommendation for Award

The Department of Aviation (DOA) has completed its review of the Bid Packages as provided by the Department of Procurement for the above referenced project. The one (1) eligible bid as determined by the Office of Contract Compliance and the Department of Procurement was Brooks-Berry-Haynie & Associates.

The amount from the eligible bidder was:

1.	Brooks-Berry-Haynie & Associates	\$15,929,313.79
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We have attached the Bid Tabulation spreadsheets for your information and use.

Based on our review of the documentation and in accordance with City Code Section 2-1188 Competitive Sealed Bidding, Subsection (k) Award, we recommend award of Contract FC-7036, Airfield LED Lights to the lowest responsive and responsible bidder, Brooks-Berry-Haynie & Associates.

The DOA will submit legislation requesting authorization to execute a Contract with Brooks-Berry-Haynie & Associates to be considered at the March 17, 2014 Council session.

If additional information is required, please contact Yanique Swan at 404-382-2231.

MS/
Attachments

cc:	Balram Bheodari	Ted Allen	Kristen Rectenwald	Erin Jenkins
	Jim Drinkard	Anita Williams	Leslie H. Page	Girard Geeter
	Samanta Walters	Yanique Swan	Kenneth Goggins	Document Control



CITY OF ATLANTA
HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT

PROJECT NUMBER FC-7036

AIRFIELD LED LIGHTS

AGREEMENT

Contractor: Brooks-Berry-Haynie & Associates, Inc. Contract No. FC-7036

Address: 600 Discovery Place, Mableton, GA 30126 Telephone: 770-874-1162

Contact: Jason Owen - President Facsimile: 770-874-1171

This Contract is effective as of the _____ day of _____, 2014, between CITY and the above named CONTRACTOR who hereby agree that all Work specified below shall be performed by the CONTRACTOR in accordance with all the provisions of this Contract, consisting of the following Contract Documents:

- Exhibit "A" General Conditions
- Exhibit "B" Special Conditions
- Exhibit "C" Quantities, Pricing and Data Forms
- Exhibit "D" Insurance & Bonding/Construction Safety and Health Plan
- Exhibit "E" Scope of Work and Technical Specifications
- Exhibit "F" Index of Drawings
- Exhibit "G" Airport Security Program
- Exhibit "H" Schedule Requirements
- Exhibit "I" Quality Control Program
- Exhibit "J" Special Provisions Federal Reimbursement Contracts
- Appendix A; Office of Contract Compliance
- Appendix B; Davis Bacon Wage Rates

1. WORK TO BE PERFORMED: Except as specified elsewhere in the Contract, CONTRACTOR shall furnish all plant; labor; materials; tools; supplies; equipment; transportation; supervision; technical, professional and other services; and shall perform all operations necessary and required to satisfactorily:

GENERAL SCOPE:

The scope of this project is to replace incandescent hold bars, touchdown, centerline and edge lights with Light-Emitting Diode (LED) fixtures throughout areas of the airfield that

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

have not been upgraded as a result of other projects. In addition airfield guidance signs will be upgraded with Light-Emitting Diode (LED) lamps.

- 2. SCHEDULE: The Work shall be performed in accordance with the dates set forth in the Exhibit "B" Special Conditions, SC-2 clause titled "COMMENCEMENT, PROGRESS AND COMPLETION OF THE WORK."
- 3. COMPENSATION: As full consideration for the satisfactory performance by CONTRACTOR of this Contract, CITY shall pay to CONTRACTOR compensation in the amount of \$15,929,313.79, in accordance with the prices set forth in Exhibit "C" and the payment provisions of this Contract.
- 4. LEGISLATIVE RESOLUTION: This Contract is authorized by resolution attached, adopted by the Council of the City of Atlanta on _____, 2014 and approved by the Mayor of the CITY on _____, 2014.

This Contract embodies the entire agreement between CITY and CONTRACTOR and supersedes all other writings. The parties shall not be bound by or be liable for any statement, representation, promise, inducement or understanding not set forth herein.

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

OWNER:

CITY OF ATLANTA

MAYOR

ATTEST:

MUNICIPAL CLERK

APPROVED:

AVIATION GENERAL MANAGER

ASSISTANT AVIATION GENERAL MANAGER

PROJECT MANAGER

**CHIEF PROCUREMENT OFFICER
DEPARTMENT OF PROCUREMENT**

APPROVED AS TO FORM:

CITY ATTORNEY

CONTRACTOR NAME:

SIGNATURE:

PRINT:

TITLE:

ATTEST:

SECRETARY/ASST. SECRETARY

[Affix Corporate Seal]

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

EXHIBIT "C"

FORM A. SCHEDULE OF QUANTITIES AND PRICES

01) SCOPE OF WORK

The scope of this project is to replace incandescent hold bars, touchdown, centerline and edge lights with Light-Emitting Diode (LED) fixtures throughout areas of the airfield that have not been upgraded as a result of other projects. In addition airfield guidance signs will be upgraded with Light-Emitting Diode (LED) lamps.

02) UNIT & LUMP SUM PRICES

Unit and Lump Sum prices quoted in Form A -1 Schedule of Unit & Lump Sum Prices shall be firm all-inclusive prices. Payment of the Unit and/or Lump Sum prices shall constitute full payment for performance of the corresponding work and shall cover all costs of whatever nature incurred by the CONTRACTOR in accomplishing the Work in accordance with the provisions of this Contract.

The Total Base Bid Price for performing the Work is \$ 15,929,313.79

that is Fifteen Million Nine Hundred Twenty-Nine Thousand Three Hundred Thirteen Dollars and Seventy-Nine Cents (Words)

Additive Alternate No. 1 (Contractor's Cost for Insurance)

Eighty-Two Thousand, One Hundred Eighty One Dollars and Fifty-Three Cents **Dollars (Words)**

(\$ 81,181.53)

03) QUANTITIES

The quantities where noted in the Schedule of Unit & Lump Sum Prices, are approximations subject to variations as stated in 5.0 and no claim shall be made for deficiency or over-run, actual or relative. Payment will be made for the actual quantities of each Schedule of Unit Prices item incorporated into the Work in accordance with the Contract requirements based on the unit prices established in the Schedule.

04) PERFORMANCE AND PAYMENT SECURITIES

The cost of the Performance and Payment Bonds are to be distributed through the various items of work.

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

05) ADJUSTMENTS

All prices are fixed for the duration of the Contract and are not subject to escalation for any reason. Payment of the Total Contract Price shall constitute full payment for performance of the Work and covers all costs of whatever nature incurred by CONTRACTOR in accomplishing the Work in accordance with the provisions of the Contract.

The CITY reserves and shall have the right to make such adjustments in the Work as may be necessary or desirable to complete the Work originally intended in an acceptable manner. Unless otherwise specified herein, the CITY may make such adjustments in the Work as may increase or decrease the originally awarded contract quantities. Adjustments shall not invalidate the Contract nor release the surety, and the CONTRACTOR agrees to accept payment for such adjustments as if the altered work had been a part of the original Contract. The adjustments which are for work within the general scope of the Contract shall be covered by Change Order issued by the ENGINEER. Change Orders for altered work shall include extensions of Contract time where, in the ENGINEER's opinion, such extensions are commensurate with the amount and difficulty of added work.

If the CITY and the CONTRACTOR are unable to agree on a unit adjustment for any Contract item that requires a change order, the CITY reserves the right to terminate the Contract with respect to the item and make other arrangements for its completion.

All Change Orders shall require consent of the CONTRACTOR'S surety and an increase of the performance and payment bonds.

Adjustments shall not increase the total cost of the project, based on the originally estimated quantities and the unit prices bid. Should it become necessary for the best interest of the CITY to make changes in excess of those herein specified, the same shall be covered by Change Order.

06) REQUIRED SUBMITTALS

When notified by the Department of Procurement (DOP), the CONTRACTOR will within ten (10) days submit the following documents to CITY executed by CONTRACTOR and its Surety, or issued by CONTRACTOR'S insurers providing the insurance required by the Contract, as applicable, the following:

- a) Performance Bond;
- b) Payment Bond; and
- c) Accord Certificate of Insurance.

07) OWNER'S CONTROLLED INSURANCE PROGRAM

The CITY, at its option, may consider the implementation of the Owner's Controlled Insurance Program. Items under the Base Bid shall include the CONTRACTOR'S cost of procuring and maintaining Automobile Liability Insurance and Builders Risk Insurance as stipulated in Exhibit D; Insurance and Bonding.

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

**CITY OF ATLANTA
DEPARTMENT OF AVIATION
HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT**

**FC-7036
AIRFIELD LED LIGHTS**

**EXHIBIT "C"
FORM A-1 SCHEDULE OF UNIT & LUMP SUM PRICES**

ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
SP-1-1	LUMP SUM	LS., MOBILIZATION, AT <u>Six Hundred Two Thousand Five Hundred</u> <u>Forty Dollars and Seventy-Nine Cents</u> PER LUMP SUM	602,540	79	602,540	79
SP-2-1	ALLOWANCE	AS REQUIRED, PROJECT CONTINGENCY, AT <u>One Million Five Hundred Thousand Dollars and</u> <u>Zero Cents.</u> PER ALLOWANCE			1,500,000	00
SP-3-1	4	PERIOD, SUSPENSION TIME (7 HOURS), AT <u>One Dollar and Zero Cents</u> PER PERIOD	1	00	4	00
SP-3-2	1000	MINUTE, STANDBY TIME, AT <u>One Dollar and Zero Cents</u> PER MINUTE	1	00	1,000	00

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
SP-3-3	4	PERIOD, DOWN TIME, AT <u>One Dollar and Zero Cents</u> <hr/> PER PERIOD	1	00	4	00
SP-4-1	LUMP SUM	L.S., TRAFFIC CONTROL, AT <u>One Million One Hundred Thirty Thousand</u> <u>Dollars and Zero Cents</u> <hr/> PER LUMP SUM	1,130,000	00	1,130,000	00
SP-5-1	LUMP SUM	L.S., UTILITY COORDINATION AND SCHEDULING, AT <u>Two Hundred Twenty Thousand Dollars and</u> <u>Zero Cents</u> <hr/> PER LUMP SUM	220,000	00	220,000	00
SP-9-1	LUMP SUM	L.S., AS-BUILTS, AT <u>Eighteen Thousand Dollars and Zero Cents</u> <hr/> PER LUMP SUM	18,000	00	18,000	00
SP-10-1	LUMP SUM	L.S., AIRCRAFT MOVEMENT AREA (AMA) ESCORTING, AT <u>Eight Hundred Ten Thousand Dollars and</u> <u>Zero Cents</u> <hr/> PER LUMP SUM	810,000	00	810,000	00
L-100-1	LUMP SUM	L.S., ALCMS EQUIPMENT AND SERVICES, AT <u>Eighty One Thousand Five Hundred Dollars</u> <u>and Zero Cents</u> <hr/> PER LUMP SUM	81,500	00	81,500	00

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-108-1	1,000	L.F., SINGLE CONDUCTOR CABLE (IN DUCT), #6 AWG, FAA SPECIFICATION L-824, TYPE "C", 5,000 VOLT WITH BLACK INSULATION, AT <hr/> Three Dollars and Zero Cents <hr/> PER LINEAR FOOT	3	00	3,000	00
L-108-2	1,000	L.F., SINGLE CONDUCTOR CABLE (IN DUCT), #6 AWG, FAA SPECIFICATION L-824, TYPE "C", 5,000 VOLT WITH RED TRACER INSULATION, AT <hr/> Five Dollars and Zero Cents <hr/> PER LINEAR FOOT	5	00	5,000	00
L-108-3	20,000	L.S., SINGLE CONDUCTOR CABLE (IN DUCT), #8 AWG, FAA SPECIFICATION L-824, TYPE "C", 5,000 VOLT WITH BLACK INSULATION, AT <hr/> Two Dollars and Ten Cents <hr/> PER LINEAR FOOT	2	10	42,000	00
L-108-4	20,000	L.F., SINGLE CONDUCTOR CABLE (IN DUCT), #8 AWG, FAA SPECIFICATION L-824, TYPE "C", 5,000 VOLT WITH RED TRACER INSULATION, AT <hr/> Two Dollars and Twenty-Five Cents <hr/> PER LINEAR FOOT	2	25	45,000	00
L-108-5	1,000	L.F., BARE COPPER CABLE, #6 AWG, COUNTERPOISE, INCLUDING GROUND RODS AND EXOTHERMIC WELDS, AT <hr/> Four Dollars and Forty Cents <hr/> PER LINEAR FOOT	4	40	4,400	00

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-108-6	20	EA, CONNECTOR KIT, #6 AWG, 5,000 VOLT CABLE, FAA SPECIFICATION L-823, AT <u>Sixty Dollars and Zero Cents</u> PER EACH	60	00	1,200	00
L-108-7	1,000	EA, CONNECTOR KIT, #8 AWG, 5,000 VOLT CABLE, FAA SPECIFICATION L-823, AT <u>Sixty Dollars and Zero Cents</u> PER EACH	60	00	60,000	00
L-108-8	500	EA, CABLE MARKER TAG, AT <u>Twenty Nine Dollars and Zero Cents</u> PER EACH	29	00	14,500	00
L-109-1	LUMP SUM	LS., SOUTH AIRFIELD LIGHTING VAULT WORK, AT <u>One Hundred Sixteen Thousand Seven Hundred Thirty Dollars and Zero Cents</u> PER LUMP SUM	116,730	00	116,730	00
L-110-1	1,000	L.F., CONCRETE ENCASED, 2" SCHEDULE 80 PVC CONDUIT, AT <u>Nine Dollars and Twenty Cents</u> PER LINEAR FOOT	9	20	9,200	00
L-110-2	10	EA, L-867B 12" DIAMETER, 20" DEEP BASE CAN WITH X" GALVANIZED STEEL BLANK COVER INSTALLED WITH CONCRETE ENCASEMENT, AT <u>Nine Hundred Dollars and Zero Cents</u> PER EACH	900	00	9,000	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-110-3	10	EA, CONNECT CONDUIT TO EXISTING LIGHT BASE, AT <u>One Hundred Twenty-Five Dollars and Zero Cents</u> PER EACH	125	00	1,250	00
L-110-4	10	EA, CONNECT CONDUIT TO EXISTING MANHOLE, AT <u>Seven Hundred Fifty Dollars and Zero Cents</u> PER EACH	750	00	7,500	00
L-112-1	LUMP SUM	L.S., PHOTOMETRIC TESTING OF LIGHTING SYSTEM, AT <u>Five Hundred Ten Thousand Dollars and Zero Cents</u> PER LUMP SUM	510,000	00	510,000	00
L-116-1	250	EA, L-862(L) HIGH INTENSITY RUNWAY LIGHT, CLEAR/CLEAR INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	27,500	00
L-116-2	180	EA, L-862(L) HIGH INTENSITY RUNWAY EDGE LIGHT, CLEAR/YELLOW INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	19,800	00

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-116-3	8	EA., L-862(L) HIGH INTENSITY RUNWAY EDGE LIGHT, RED/YELLOW INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	880	00
L-116-4	110	EA., L-862E(L) HIGH INTENSITY RUNWAY THRESHOLD LIGHT, GREEN/RED INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Thirty Dollars and Zero Cents</u> PER EACH	130	00	14,300	00
L-116-5	6	EA., L-862E(L) HIGH INTENSITY RUNWAY THRESHOLD LIGHT, GREEN/YELLOW INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Thirty Dollars and Zero Cents</u> PER EACH	130	00	780	00
L-116-6	16	EA., L-862E(L) HIGH INTENSITY RUNWAY THRESHOLD LIGHT, RED/RED INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Thirty Dollars and Zero Cents</u> PER EACH	130	00	2,080	00
L-116-7	40	EA., L-850C(L) HIGH INTENSITY SEMI-FLUSH RUNWAY EDGE LIGHT, CLEAR/CLEAR INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	4,400	00
L-116-8	30	EA., L-850C(L) HIGH INTENSITY SEMI-FLUSH RUNWAY EDGE LIGHT, CLEAR/YELLOW INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	3,300	00

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-116-9	6	EA., L-850C(L) HIGH INTENSITY SEMI-FLUSH RUNWAY EDGE LIGHT, RED/YELLOW INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	660	00
L-116-10	12	EA., L-850D(L) HIGH INTENSITY SEMI-FLUSH RUNWAY EDGE LIGHT, YELLOW/GREEN INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	1,320	00
L-116-11	5	EA., L-850D(L) HIGH INTENSITY SEMI-FLUSH RUNWAY EDGE LIGHT, BLANK/GREEN INSTALLATION ON EXISTING LIGHT BASE, AT <u>One Hundred Ten Dollars and Zero Cents</u> PER EACH	110	00	550	00
L-116-12	663	EA., L-830-1 ISOLATION TRANSFORMER FOR HIGH INTENSITY RUNWAY EDGE LIGHT, AT <u>One Hundred Fifty Dollars and Zero Cents</u> PER EACH	150	00	99,450	00
L-120-1	1250	EA., L-852C(L) TAXIWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, NARROW BEAM GREEN/GREEN WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Six Hundred Twenty Dollars and Zero Cents</u> PER EACH	620	00	775,000	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE (IN FIGURES)		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-120-2	80	EA., L-852C(L) TAXIWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, NARROW BEAM YELLOW/YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Five Hundred Dollars and Zero Cents</u> PER EACH	500	00	40,000	00
L-120-3	130	EA., L-852C(L) TAXIWAY CENTERLINE LIGHT, UNIDIRECTIONAL, STYLE 3, NARROW BEAM YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Five Hundred Twenty-Five Dollars and Zero Cents</u> PER EACH	525	00	68,250	00
L-120-4	10	EA., L-852C(L) TAXIWAY CENTERLINE LIGHT, UNIDIRECTIONAL, STYLE 3, NARROW BEAM GREEN/GREEN WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Five Hundred Twenty-Five Dollars and Zero Cents</u> PER EACH	525	00	5,250	00
L-120-5	15	EA., L-852C(L) TAXIWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, NARROW BEAM GREEN/YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Six Hundred Twenty-Five Dollars and Zero Cents</u> PER EACH	625	00	9,375	00
L-120-6	3000	EA., L-852D(L) TAXIWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, WIDE BEAM GREEN/GREEN WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Seven Hundred Thirty Dollars and Zero Cents</u> PER EACH	730	00	2,190,000	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-120-7	300	EA, L-852D(L) TAXIWAY CENTERLINE LIGHT, BI-DIRECTIONAL; STYLE 3, WIDE BEAM YELLOW/YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Seven Hundred Fifty Dollars and Zero Cents</u> PER EACH	750	00	225,000	00
L-120-8	100	EA, L-852D(L) TAXIWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, WIDE BEAM GREEN/YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Seven Hundred Thirty Dollars and Zero Cents</u> PER EACH	730	00	73,000	00
L-120-9	20	EA, L-852D(L) TAXIWAY CENTERLINE LIGHT, UNIDIRECTIONAL, STYLE 3, WIDE BEAM GREEN WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Five Hundred Ninety Dollars and Zero Cents</u> PER EACH	590	00	11,800	00
L-120-10	20	EA, L-852D(L) TAXIWAY CENTERLINE LIGHT, UNIDIRECTIONAL, STYLE 3, WIDE BEAM YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Five Hundred Ninety Dollars and Zero Cents</u> PER EACH	590	00	11,800	00
L-120-11	970	EA, L-852G(L) RUNWAY GUARD LIGHT, UNIDIRECTIONAL, STYLE 3, YELLOW WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>One Thousand Nine Hundred Dollars and Zero Cents</u> PER EACH	1,900	00	1,843,000	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-120-12	10	EA., L-852G(L) RUNWAY GUARD LIGHT, UNI-DIRECTIONAL, STYLE 3, YELLOW NOT INSTALLED, AT <u>One Thousand Four Hundred Fifty Dollars and Zero Cents</u> PER EACH	1,450	00	14,500	00
L-120-13	30	EA., L-852S(L) RUNWAY STOP BAR LIGHT, UNI-DIRECTIONAL, STYLE 3, RED WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>Nineteen Hundred Dollars and Zero Cents</u> PER EACH	1,900	00	57,000	00
L-120-14	10	EA., L-852S(L) RUNWAY STOP BAR LIGHT, UNI-DIRECTIONAL, STYLE 3, RED NOT INSTALLED, AT <u>Eighteen Hundred Forty Dollars and Zero Cents</u> PER EACH	1,840	00	18,400	00
L-120-15	500	EA., FINISH/ADJUSTMENT RINGS TO ADJUST NEW LIGHT FIXTURE INSTALLATION ON EXISTING LIGHT BASE TO PROPER GRADE, AT <u>One Hundred Fifty Dollars and Zero Cents</u> PER EACH	150	00	75,000	00
L-121-1	3200	EA., L-852T(L) SEMI-FLUSH, BLUE, STYLE 3, MEDIUM INTENSITY TAXIWAY EDGE LIGHT, TWELVE INCH (12") DIAMETER, MOUNTED ON EXISTING BASE CAN, AND TRANSFORMER, AT <u>Five Hundred Fifty-Five Dollars and Zero Cents</u> PER EACH	555	00	1,776,000	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-121-2	20	EA., L-804(L) UNI-DIRECTIONAL, YELLOW, FLASHING, CURRENT DRIVEN, COLUMN MOUNTED, RUNWAY GUARD LIGHT, TWELVE INCH (12") DIAMETER, MOUNTED ON EXISTING BASE CAN, TETHER AND TRANSFORMER, AT Two Thousand Eight Hundred Dollars and Zero Cents PER EACH	2,800	00	56,000	00
L-121-3	4	EA., L-804(L) UNI-DIRECTIONAL, YELLOW, FLASHING, CURRENT DRIVEN, COLUMN MOUNTED, RUNWAY GUARD LIGHT, TWELVE INCH (12") DIAMETER, NOT INSTALLED, TURNED OVER TO MAINTENANCE, AT Two Thousand Six Hundred Dollars and Zero Cents PER EACH	2,600	00	10,400	00
L-122-1	700	EA., RETROFIT OF EXISTING TAXIWAY/RUNWAY SIGNS TO LED WITH NEW TRANSFORMER INSTALLATION, AT Five Hundred Ten Dollars and Zero Cents PER EACH	510	00	357,000	00
L-122-2	8	EA., RELOCATE MODIFIED DISTANCE REMAINING SIGNS ON NEW CONCRETE BASE, AT Three Thousand Seven Hundred Dollars and Zero Cents PER EACH	3,700	00	29,600	00
L-122-3	1	EA., NEW DISTANCE REMAINING SIGNS ON NEW CONCRETE BASE WITH ISOLATION TRANSFORMER, AT Six Thousand Two Hundred Dollars and Zero Cents PER EACH	6,200	00	6,200	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
L-123-1	450	EA., L-850A(L) RUNWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, CLEAR/CLEAR WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>One Thousand Five Hundred Dollars and</u> <u>Zero Cents</u> PER EACH	1,500	00	675,000	00
L-123-2	330	EA., L-850A(L) RUNWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, RED/CLEAR WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>One Thousand Five Hundred Dollars and</u> <u>Zero Cents</u> PER EACH	1,500	00	495,000	00
L-123-3	720	EA., L-850B(L) TOUCHDOWN ZONE LIGHT, STYLE 3 WITH ISOLATION TRANSFORMER ON EXISTING LIGHT BASE, AT <u>One Thousand Five Hundred Dollars and</u> <u>Zero Cents</u> PER EACH	1,500	00	1,080,000	00
L-123-4	45	EA., L-850A(L) RUNWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, CLEAR/CLEAR, NOT INSTALLED, AT <u>Eight Hundred Seventy Dollars and Zero Cents</u> PER EACH	870	00	39,150	00
L-123-5	33	EA., L-850A(L) RUNWAY CENTERLINE LIGHT, BI-DIRECTIONAL, STYLE 3, RED/CLEAR, NOT INSTALLED, AT <u>Eight Hundred Forty Dollars and Zero Cents</u> PER EACH	840	00	27,720	00

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			DOLLARS	CENTS	DOLLARS	CENTS
L-123-6	72	EA., L-8508(L) TOWNDOWN ZONE LIGHT, STYLE 3, NOT INSTALLED, AT <u>Six Hundred Fifty Dollars and Zero Cents</u> PER EACH	650	00	46,800	00
L-124-1	11, 518	EA., REMOVAL AND/OR STORAGE EXISTING TAXIWAY LIGHTS AND TRANSFORMER, AT <u>Forty Dollars and Zero Cents</u> PER EACH	40	00	460,720	00
L-124-2	LUMP SUM	L.S., STORAGE OF DOA FURNISHED EQUIPMENT, AT <u>Three Thousand Dollars and Zero Cents</u> PER LUMP SUM	3,000	00	3,000	00
L-124-3	1,500	EA., DRILLING OUT BROKEN OFF BOLTS, AT <u>Forty-Five Dollars and Zero Cents</u> PER EACH	45	00	67,500	00
T-901-1	1,000	S.Y., SEEDING, AT <u>Five Dollars and Zero Cents</u> PER SQAURE YARD	5	00	5,000	00

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ITEM NO.	PRELIMINARY CONSTRUCTION QUANTITY	ITEM WITH UNIT OR LUMP SUM PRICE WRITTEN IN WORDS	UNIT PRICE IN FIGURES		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
T-901-2	1,000	S.Y., TEMPORARY SEEDING, AT <u>Five Dollars and Zero Cents</u> PER SQAURE YARD	5	00	5,000	00
T-908-1	1,000	S.Y., ASPHALT SPRAY MULCHING, AT <u>Five Dollars and Zero Cents</u> PER SQAURE YARD	5	00	5,000	00
		TOTAL BASE BID <u>Fifteen Million Nine Hundred Twenty-Nine</u> <u>Thousand Three Hundred Thirteen Dollars and</u> <u>Seventy-Nine Cents</u>			15,929,313	79
	LUMP SUM	ADDITIVE ALTERNATE #1 CONTRACTOR'S INSURANCE COST, AT <u>Eighty-Two Thousand, One Hundred Eighty One</u> <u>Dollars and Fifty-Three Cents</u> PER LUMP SUM			81,181	53

Attachment: Airfield LED Lights Transmittal (14-R-3289 : Airfield LED Lights AT HJAIA)

Part II: Legislative White Paper: (This portion of the Legislative Request Form will be shared with City Council members and staff)

A. To be completed by Legislative Counsel:

Committee of Purview:

Caption:

Council Meeting Date:

Requesting Dept.:

FAC Confirmed by:

B. To be completed by the department:

1. Please provide a summary of the purpose of this legislation (Justification Statement).

A resolution authorizing the Mayor to execute an Agreement with Brooks-Berry-Haynie & Associates, Inc., for FC-7036, Airfield LED Lights project.

This project is to replace incandescent hold bars, touchdown, centerline and edge lights with Light-Emitting Diode (LED) fixtures throughout areas of the airfield that have not been upgraded as a result of other projects. In addition airfield guidance signs will be upgraded with Light-Emitting Diode (LED) lamps.

2. Please provide background information regarding this legislation.

In order to be consistent with a 2010 Federal Aviation Administration (FAA) Advisory Circular (AC) 150/340-30E, it necessary to replace incandescent light fixtures with LED fixtures. This conversion to LED lights is expected to enhance airfield safety by providing a more uniform lighting appearance and is expected to lower airport operating costs through energy savings and reduced maintenance requirements.

3. If Applicable/Known:

(a) **Contract Type (e.g. Professional Services, Construction Agreement, etc.):** Construction Agreement

(b) **Source Selection:** ITB

- (c) **Bids/Proposals Due:** 1/22/2014
 - (d) **Invitations Issued:** 11/21/2013
 - (e) **Number of Bids:** 1
 - (f) **Proposals Received:**
 - (g) **Bidders/Proponents:** Brooks-Berry-Haynie & Associates, Inc.
 - (h) **Term of Contract:** 730 Calendar Days (Substantial Completion)
4. **Fund Account Center (Ex. Name and number):** PTAE0: 18111300 (Airfield Projects) D0200018 (Airfield LED Lights) 550291249 (DOA R N E 9999) 5414002 (Facilities Other Than Bldgs.) and FDOA: 5502 (Airport Renewal & Extension Fund) 180201 (DOA Aviation Capital Planning & Development) 5414002 (Facilities Other Than Bldgs.) 7563000 (Airport) 111300 (Airfield Projects) 91249 (DOA R N E 9999).
5. **Source of Funds: Example: Local Assistance Grant** Airport Renewal & Extension Fund
6. **Fiscal Impact:** \$15,929,313.79

Example: This legislation will result in a reduction in the amount of _____ to Fund Account Center Number _____.

7. **Method of Cost Recovery:** N/A

Examples:

- a. Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.
- b. Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.

This Legislative Request Form Was Prepared By: Samanta Walters, CPPB