

A RESOLUTION BY TRANSPORTATION COMMITTEE AUTHORIZING THE AVIATION GENERAL MANAGER OR HIS DESIGNEE TO ISSUE A TASK ORDER(S) UNDER CONTRACT FC-5124, AUTOMATED PEOPLE MOVER COMMUNICATIONS SYSTEM REPLACEMENT AND POWER DISTRIBUTION SYSTEM UPGRADES PROJECT, TO BOMBARDIER TRANSPORTATION HOLDINGS USA, INC. FOR ENGINEERING SERVICES AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$2,800,000; ALL SERVICES SHALL BE CHARGED TO AND PAID FROM PTAE0: 18101352 (TERMINAL IMPROVEMENTS) H0308031 (APM POWER DISTRIBUTION) 550281248 (DOA CP AMT GARBS 93EA) 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) 101352 (TERMINAL IMPROVEMENTS) 81248 (DOA CP AMT GARBS 93EA); AND FOR OTHER PURPOSES.

Review List:

Antrameka Knight	Completed	07/01/2013 9:40 AM
Kristen M. Rectenwald	Completed	07/01/2013 11:07 AM
Louis Miller	Completed	07/01/2013 12:21 PM
Procurement	Completed	07/01/2013 12:57 PM
Adam Smith	Completed	07/01/2013 4:44 PM
Mayor's Office	Completed	07/01/2013 4:51 PM
Office of Research and Policy Analysis	Completed	07/02/2013 8:54 AM
Transportation Committee	Pending	
Atlanta City Council	Pending	

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

**A RESOLUTION
BY TRANSPORTATION COMMITTEE**

A RESOLUTION BY TRANSPORTATION COMMITTEE AUTHORIZING THE AVIATION GENERAL MANAGER OR HIS DESIGNEE TO ISSUE A TASK ORDER(S) UNDER CONTRACT FC-5124, AUTOMATED PEOPLE MOVER COMMUNICATIONS SYSTEM REPLACEMENT AND POWER DISTRIBUTION SYSTEM UPGRADES PROJECT, TO BOMBARDIER TRANSPORTATION HOLDINGS USA, INC. FOR ENGINEERING SERVICES AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$2,800,000; ALL SERVICES SHALL BE CHARGED TO AND PAID FROM PTAE0: 18101352 (TERMINAL IMPROVEMENTS) H0308031 (APM POWER DISTRIBUTION) 550281248 (DOA CP AMT GARBS 93EA) 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) 101352 (TERMINAL IMPROVEMENTS) 81248 (DOA CP AMT GARBS 93EA); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta (the "City"), as owner and operator of Hartsfield-Jackson Atlanta International Airport ("HJAIA"), entered into Contract No. FC-5124 ("Contract") with Bombardier Transportation Holdings USA, Inc. ("Bombardier") for the design, installation, and construction of the Automated People Mover Communications System and Power Distribution System Upgrades Project ("Project"); and

WHEREAS, the Automated People Mover ("APM") was put into service in 1980 to provide quick and convenient movement of passengers between various Concourses at HJAIA; and

WHEREAS, the Power Distribution System ("PDS") within the APM has not undergone any major renovations since its installation 33 years ago; and

WHEREAS, Bombardier will provide Engineering services for the Project by preparing construction drawings, technical specifications, and other engineering support services to replace and upgrade the existing PDS equipment in an amount not to exceed \$2,800,000.

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Aviation General Manager is authorized to issue a Task Order(s) in an amount not to exceed \$2,800,000 in order to fund Bombardier Transportation Holdings USA, Inc.'s Engineering services for the Automated People Mover Communications System and Power Distribution System Upgrades Project, as well as any additional projects that may fall within the scope of services under the Contract.

BE IT FURTHER RESOLVED, that the Aviation General Manager or his designee are each authorized to issue Bombardier Task Order(s) under the Contract up to the collective amount of all monies legislatively authorized under it pursuant to Code section 2-1111.

BE IT FURTHER RESOLVED, that Bombardier is expected to complete all Engineering services for the project within 365 days from the date such services begins.

BE IT FURTHER RESOLVED, that all services shall be charged to and paid from PTAE0: 18101352 (Terminal Improvements) H0308031 (APM Power Distribution) 550281248 (DOA CP AMT Garbs 93EA) 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) 101352 (Terminal Improvements) 81248 (DOA CP AMT Garbs 93EA).

BE IT FINALLY RESOLVED, that no Task Order will become binding on the City and the City will incur no liability under it until it has been executed by the Aviation General Manager, or his designee, and delivered to Bombardier.

DESIGN SERVICES FOR FC-5124; AUTOMATED PEOPLE MOVER COMMUNICATIONS SYSTEM REPLACEMENT AND POWER DISTRIBUTION SYSTEM UPGRADES, BOMBARDIER TRANSPORTATION HOLDINGS USA, INC.

The Task Order(s) will provide Design services for the APM Power Distribution System Equipment Upgrades project. Bombardier will prepare construction drawings, technical specifications and provide other engineering support services to replace and upgrade the existing Power Distribution System (PDS) equipment.

FC-5124, AUTOMATED PEOPLE MOVER COMMUNICATIONS SYSTEM REPLACEMENT AND POWER DISTRIBUTION SYSTEM UPGRADES

Authorizing Resolution: 10-R-1211

Adopted: July 6, 2010

Approved: July 15, 2010

BOMBARDIER TRANSPORTATION HOLDINGS USA, INC.

Bombardier Transportation

With 64 production and engineering sites in 26 countries and 19 service centres at customer premises across the world, Bombardier Transportation is the global leader in the rail industry. We cover the full spectrum of rail solutions, ranging from complete trains to sub-systems, maintenance services, system integration and signalling. Our installed base of rolling stock exceeds 100,000 rail cars and locomotives worldwide. Our 36,000 employees continue a proud tradition of delivering ingenious rail transportation solutions, including:

- **Rail vehicles** - automated people movers, monorails, light rail vehicles, advanced rapid transit, metros, commuter/regional trains, intercity/high-speed trains and locomotives
- **Propulsion and controls** - complete product portfolio for applications ranging from trolley buses to freight locomotives
- **Bogies** - product portfolio for the entire range of rail vehicles
- **Services** - fleet maintenance, operations and maintenance (O&M), vehicle refurbishment and modernization, and material management
- **Transportation systems** - customized “design-build-operate-maintain” transportation system solutions
- **Rail control solutions** - advanced signalling solutions for mass transit and mainline systems

**DESIGN SERVICES FOR FC-5124; AUTOMATED PEOPLE MOVER
COMMUNICATIONS SYSTEM REPLACEMENT AND POWER
DISTRIBUTION SYSTEM UPGRADES, BOMBARDIER TRANSPORTATION
HOLDINGS USA, INC.**

Domicile:

400 Côte-Vertu Road West
Dorval, Québec H4S 1Y9
Tel.: +1 514 855-7989

Contact:

Marc Duchesne
Bombardier Aerospace
400 Cote-Vertu Road West
Dorval, Quebec, H4S1Y9
Tel.: +1 514 855-7989

Legal Structure:

Limited Liability Company

Major Offices:

Worldwide

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).

The Task Order(s) will provide Design services for the Automated People Mover (APM) Power Distribution System Equipment Upgrades project. Bombardier will prepare construction drawings, technical specifications and provide other engineering support services to replace and upgrade the existing Power Distribution System (PDS) equipment.

2. Please provide background information regarding this legislation.

The APM system was put in service in 1980 to provide quick and convenient movement for passengers between the various concourses at the Airport. The PDS equipment was installed at that time, and has not undergone any major renovation other than the extension of the system to Concourse E around 1994, and the further extension of the system to Concourse F in 2012. Due to the age of the equipment in the original system, replacement parts are difficult or impossible to obtain, and repairs are becoming increasingly unreliable, resulting in failures that impact APM operations. The expansion of the system and increases in APM ridership over time has resulted in electrical demands on the power distribution system that exceed the design capacity of the PDS.

The purpose of the project is to upgrade the existing PDS equipment to improve the maintainability of the system, increase load capacity to restore the originally-intended spare capacity, and accommodate future increases in APM ridership. In addition, the project will improve safety for maintenance personnel and First Responders by installing new emergency power shut-off controls, and improve efficiency in the PDS by upgrading power isolation equipment in the APM tunnels.

Bombardier will prepare complete construction documents according to Design Criteria Documents prepared by consultants to the Department of Aviation (DOA) and under the direction of DOA and the

City's Construction Manager. In addition, Bombardier will submit construction cost estimates and construction schedules along with the construction documents for the City's review and approval.

3. If Applicable/Known:

- (a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):** Professional Services (Task Orders)
- (b) **Source Selection:**
- (c) **Bids/Proposals Due:**
- (d) **Invitations Issued:**
- (e) **Number of Bids:**
- (f) **Proposals Received:**
- (g) **Bidders/Proponents:**
- (h) **Term of Contract:** Substantial Completion is 365 calendar days from Notice to Proceed.

4. Fund Account Center: PTAE0: 18101352 (Terminal Improvements) H0308031 (APM Power Distribution) 550281248 (DOA CP AMT Garbs 93EA) 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) 101352 (Terminal Improvements) 81248 (DOA CP AMT Garbs 93EA)

5. Source of Funds: *Example:* GARB's

6. Fiscal Impact: \$2,800,000

7. Method of Cost Recovery: CPTC Lease

This Legislative Request Form Was Prepared By: Tommy Thomas, Jr., P&D Contracts

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: 6/21/13

Anticipated Committee Meeting Date(s): 7/10/13

Anticipated Full Council Date: 7/15/13

Legislative Counsel's Signature: Kristen Rectenwald (with handwritten signature)

Commissioner's Signature: (with handwritten signature)

Chief Financial Officer: N/A

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

Chief Procurement Officer Signature: (with handwritten signature)

CAPTION

A RESOLUTION AUTHORIZING THE AVIATION GENERAL MANAGER OR HIS DESIGNEE TO ISSUE A TASK ORDER(S) UNDER CONTRACT FC-5124, AUTOMATED PEOPLE MOVER COMMUNICATIONS SYSTEM REPLACEMENT AND POWER DISTRIBUTION SYSTEM UPGRADES PROJECT, TO BOMBARDIER TRANSPORTATION HOLDINGS USA, INC. FOR ENGINEERING SERVICES AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$2,800,000; ALL SERVICES SHALL BE CHARGED TO AND PAID FROM PTAEO: 18101352 (TERMINAL IMPROVEMENTS) H0308031 (APM POWER DISTRIBUTION) 550281248 (DOA CP AMT GARBS 93EA) 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) 101352 (TERMINAL IMPROVEMENTS) 81248 (DOA CP AMT GARBS 93EA); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) \$2,800,000

Mayor's Staff Only

Received by CPO: 6/13/13 (date)

Received by LC from CPO: (date)

Received by Mayor's Office: 6/18/13 (date)

Reviewed by: (signature) (date)

Submitted to Council: (date)

Legislative White Paper

Committee of Purview: Transportation

Caption: A RESOLUTION AUTHORIZING THE AVIATION GENERAL MANAGER OR HIS DESIGNEE TO ISSUE A TASK ORDER(S) UNDER CONTRACT FC-5124, AUTOMATED PEOPLE MOVER COMMUNICATIONS SYSTEM REPLACEMENT AND POWER DISTRIBUTION SYSTEM UPGRADES PROJECT, TO BOMBARDIER TRANSPORTATION HOLDINGS USA, INC. FOR ENGINEERING SERVICES AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT IN AN AMOUNT NOT TO EXCEED \$2,800,000; ALL SERVICES SHALL BE CHARGED TO AND PAID FROM PTAE0: 18101352 (TERMINAL IMPROVEMENTS) H0308031 (APM POWER DISTRIBUTION) 550281248 (DOA CP AMT GARBS 93EA) 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) 101352 (TERMINAL IMPROVEMENTS) 81248 (DOA CP AMT GARBS 93EA); AND FOR OTHER PURPOSES.

Council Meeting Date: 7/15/13

Legislation Title: Automated People Mover Communications System Replacement and Power Distribution System Upgrades Project

Requesting Dept.: Aviation

Contract Type: Professional Services

Source Selection: N/A

Bids/Proposals Due: N/A

Invitations Issued: N/A

**Number of Bids/
Proposals Received:** N/A

Bidders/Proponents: N/A

Background:

The Automated People Mover (APM) system was put in service in 1980 to provide quick and convenient movement for passengers between the various concourses at the Airport. The Power Distribution System (PDS) equipment was installed at that time, and has not undergone any major renovation other than the extension of the system to Concourse E around 1994, and the further extension of the system to Concourse F in 2012. Due to the age of the equipment in the original system, replacement parts are difficult or impossible to obtain, and repairs are becoming increasingly unreliable, resulting in failures that impact APM operations. The expansion of the system and increases in APM ridership over time has resulted in electrical demands on the power distribution system that exceed the design capacity of the PDS.

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Source of Funds: Airport Renewal & Extension Fund

Fiscal Impact: \$2,800,000

Term of Contract: Bombardier is expected to complete all Engineering services for the project within 365 days from the date such services begins.

Method of Cost Recovery: N/A

Approvals:

DOF: yes

DOL: yes

Prepared By: Anita Williams

Contact Number: 404-382-2313