

A RESOLUTION BY COUNCILMEMBER C. T. MARTIN AS AMENDED BY CITY UTILITIES COMMITTEE AUTHORIZING THE MAYOR OR HIS DESIGNEE, TO ISSUE A TASK ORDER TO ATLANTA SERVICES GROUP, A JOINT VENTURE, FOR FC-4906B, ANNUAL CONTRACT FOR ARCHITECTURAL, ENGINEERING AND DESIGN SERVICES, FOR A STREET CONDITION ASSESSMENT, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE MILLION FIFTY THOUSAND FIVE HUNDRED THREE DOLLARS AND NO CENTS (\$1,050,503.00); WITH ALL CONTRACTED WORK TO BE CHARGED TO AND PAID FROM THE VARIOUS FUND, DEPARTMENT, ORGANIZATION AND ACCOUNT NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.(REFERRED BACK FROM FULL COUNCIL 7/21/14)

Workflow List:

Atlanta City Council	Completed	07/16/2014 1:27 PM
City Utilities Committee	Completed	07/17/2014 11:36 AM
Atlanta City Council	Completed	07/24/2014 12:27 PM
City Utilities Committee	Pending	

HISTORY:

07/07/14 Atlanta City Council REFERRED WITHOUT OBJECTION

RESULT:	REFERRED WITHOUT OBJECTION	Next: 7/15/2014 9:30 AM
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07/15/14 City Utilities Committee FAVORABLE

RESULT:	FAVORABLE [UNANIMOUS]	Next: 7/21/2014 1:00 PM
AYES:	Archibong, Young Jr., Adrean, Dickens, Sheperd, Wan	
ABSENT:	Howard Shook	

07/21/14 Atlanta City Council REFERRED TO COMMITTEE

RESULT:	REFERRED TO COMMITTEE [11 TO 0]	Next: 7/29/2014 9:30 AM
MOVER:	Clarence "C. T." Martin, Councilmember, District 10	
AYES:	Bond, Norwood, Smith, Young Jr., Winslow, Archibong, Wan, Adrean, Moore, Martin, Sheperd	
ABSENT:	Kwanza Hall, Howard Shook, Keisha Lance Bottoms	
AWAY:	Andre Dickens	

RESULT:	REFERRED TO COMMITTEE [11 TO 0]	Next: 7/29/2014 9:30 AM
MOVER:	Clarence "C. T." Martin, Councilmember, District 10	
AYES:	Bond, Norwood, Smith, Young Jr., Winslow, Archibong, Wan, Adrean, Moore, Martin, Sheperd	
ABSENT:	Kwanza Hall, Howard Shook, Keisha Lance Bottoms	
AWAY:	Andre Dickens	

LEGISLATION HISTORY – BLUE BACK

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

CITY COUNCIL
ATLANTA, GEORGIA

14-R-3830

SPONSOR SIGNATURES

Clarence T Martin Jr
Clarence "C. T." Martin, Councilmember, District 10

A RESOLUTION BY COUNCILMEMBER C. T. MARTIN AS AMENDED BY CITY UTILITIES COMMITTEE AUTHORIZING THE MAYOR OR HIS DESIGNEE, TO ISSUE A TASK ORDER TO ATLANTA SERVICES GROUP, A JOINT VENTURE, FOR FC-4906B, ANNUAL CONTRACT FOR ARCHITECTURAL, ENGINEERING AND DESIGN SERVICES, FOR A STREET CONDITION ASSESSMENT, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE MILLION FIFTY THOUSAND FIVE HUNDRED THREE DOLLARS AND NO CENTS (\$1,050,503.00); WITH ALL CONTRACTED WORK TO BE CHARGED TO AND PAID FROM THE VARIOUS FUND, DEPARTMENT, ORGANIZATION AND ACCOUNT NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.(REFERRED BACK FROM FULL COUNCIL 7/21/14)

WHEREAS, the City of Atlanta (the “City”) authorized FC-4906B, Architectural, Engineering and Design Services (“Agreement”) with Atlanta Services Group, a Joint Venture, on behalf of the Department of Planning and Community Development, Public Works, Watershed Management, Parks, Recreation, and Cultural Affairs and the Office of Enterprise Asset Management, pursuant to Resolution 09-R-1632; and

WHEREAS, the term of the Agreement is for two (2) years with three (3) one (1) year renewal options to be exercised at the City’s sole discretion effective December 21, 2009 through December 20, 2011; and

WHEREAS, the City authorized Renewal Number 1 of the Agreement with Atlanta Services Group, A Joint Venture, via Resolution 11-R-1725, giving a new expiration date of December 20, 2012; and

WHEREAS, the City authorized Renewal Number 2 of the Agreement with Atlanta Services Group, A Joint Venture, via Resolution 12-R-1650, giving a new expiration date of December 20, 2013; and

WHEREAS, the City authorized Renewal Number 3 of the Agreement with Atlanta Services Group, A Joint Venture, via Resolution 13-R-3771, giving a new expiration date of December 20, 2014; and

WHEREAS, the Department of Public Works requires Architectural, Engineering and Design Services to provide street condition assessment on 1634 miles of paved roadways and optimization models to rank potential paving projects; and

WHEREAS, the Commissioner of the Department of Public Works recommends the issuance of a Task Order to Atlanta Services Group, A Joint Venture for FC-4906B to provide Street Condition Assessments on 1634 miles of paved roadways and optimization models to rank potential paving

projects in an amount not to exceed One Million Fifty Thousand Five Hundred Three Dollars and No Cents (\$1,050,503.00).

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY RESOLVES, that the Mayor, or his designee, is authorized to issue a Task Order to Atlanta Services Group, A Joint Venture for FC-4906B, Architectural, Engineering and Design Services to provide Street condition assessment on 1634 miles of paved roadways optimization models to rank potential paving projects in an amount not to exceed One Million Fifty Thousand Five Hundred Three Dollars and No Cents (\$1,050,503.00).

BE IT FURTHER RESOLVED, that all contracted work shall be charged to and paid from the listed FDOA: 1001 (General Fund) 130308 (DPW Transportation Design) 5213001 (Consulting/Professional Services-Tech) 4270000 (Traffic Engineering).

BE IT FURTHER RESOLVED, that the Chief Procurement Officer is hereby directed to prepare the appropriate Agreement for execution by the Mayor.

BE IT FINALLY RESOLVED, that the Task Order will not become binding upon the City, and the City will incur no obligation or liability under it until the Agreement has been approved by the City Attorney as to form, executed by the Mayor, attested to by the Municipal Clerk, and delivered to Atlanta Services Group, A Joint Venture.



City of Atlanta
Department of Public Works
 Richard Mendoza, Commissioner

LEGISLATIVE SUMMARY

Office: Transportation - Capital Projects

Committee: City Utilities

DPW Staffer: Rodney Givens/Michele Wynn

Project: Street Condition Assessment

Legislative # 14-R-XXXX

Caption:

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE, TO ISSUE A TASK ORDER TO ATLANTA SERVICES GROUP, A JOINT VENTURE, FOR FC-4906B, ANNUAL CONTRACT ARCHITECTURAL, ENGINEERING AND DESIGN SERVICEES, FOR A STREET CONDITION ASSESSMENT, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE MILLION FIFTY THOUSAND FIVE HUNDRED THREE DOLLARS AND NO CENTS (\$1,050,503.00); WITH ALL CONTRACTED WORK TO BE CHARGED TO AND PAID FROM THE VARIOUS FUND, DEPARTMENT, ORGANIZATION AND ACCOUNT NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.

Background:

The Department of Public Works must physically inventory and assess the condition of the City's 1634 miles of paved roadway network in order to prioritize the projects that will be identified in the upcoming 2015 Bond Referendum. The most common method used to define the \$881 million transportation backlog that was identified in the 2010 State of the City's Transportation Infrastructure & Fleet Inventory Report was to categorize each asset as high, medium, or low priority based on the number of years it was past its life cycle. This method did not include a visual inspection and analysis of these assets.

Atlanta Services Group (ASG) proposes to provide a Street Condition Assessment on all 1634 miles of paved roadways and provide optimization models that will assist in ranking potential roadway paving projects. An optimization model helps the Department to prioritize the repaving of the City's roadways in a manner that will prolong the life of the roadways while maximizing the use of the available funding. Using hand-held devices, ASG will also deliver the condition and location of various assets within the right-of-way of these roadways by January 2015. Once complete, the Department will be able to use this data to prioritize the projects chosen for the 2015 Bond Referendum, as well as for other available funding sources.

Results of Approval:

Approval of this legislation will provide the Department with the additional data needed to assist with prioritizing the repair of the City's roadway network.

C
 Non-approval of this legislation will hinder the Department's ability to prioritize the projects that will be proposed in the 2015 Bond Referendum. **Attachment: DOC16 (14-R-3830 : FC-4906B)**

Council District / Member & NPU: Various

Project Schedule and Budget:

July 2014 to January 2015; \$1,050,503

Terms of Contract:

Scope Summary:

Atlanta Services Group (ASG) will provide personnel and expertise to augment the Department of Public Works during the inventory and assessment of the street pavement conditions throughout the City. This scope of services includes providing such services in a staff augmentation delivery method with required expertise being provided to the City as requested and under the direction and leadership of Project Managers within the Department of Public Works. Per the RFP, ASG will perform these services from July 2014 through January 2015.

It is anticipated that these services will include the following:

- Professional services in the areas of roadway pavement condition assessment and the location and condition of all roadway assets to be collected within the right-of-way.
- Professional services in the areas of roadway pavement data analysis and roadway paving project optimization in coordination with the Department's staff related to potential projects to be included in a project list for the 2015 Bond Referendum.

Upon Notice to Proceed, ASG will schedule a project team kickoff meeting and work with the Department's staff to:

- 1) Identify and develop the pavement distress types to be used in the street condition assessment. A pavement rating would be assigned using the attributes of cracking, raveling, rutting, patching/potholing, roughness, oxidation, bleeding and missing stone. Each roadway's condition would be assessed using these criteria with a hand held device and uploaded to a central database eliminating the need for physical data storage or on individual devices.
- 2) Identify and develop all the roadway attributes that need to be collected within the right-of-way to include ADA ramps, signs, signals, curb and gutter, trees, fire hydrants, and pavement markings. Using experience from previous data collection projects and in consultation with the Department's staff, a data collection & rating system for each of these attributes will be developed.

ASG proposes to use AquaBlueSolutions' (ABS) FETCH application. Fetch is a mobile data collections solution that includes software and hardware. The application allows the user to collect large amounts of data on a hand held device in an efficient manner and store it in real time in a secure database prior to processing and handing over the data to the City.

**A RESOLUTION
BY COUNCILMEMBER**

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WHEREAS, the Department of Public Works requires Architectural, Engineering and Design Services to provide street condition assessment on 1634 miles of paved roadways and optimization models to rank potential paving projects; and

WHEREAS, the Commissioner of the Department of Public Works recommends the issuance of a Task Order to Atlanta Services Group, A Joint Venture for FC-4906B to provide Street Condition Assessments on 1634 miles of paved roadways and optimization models to rank potential paving projects in an amount not to exceed One Million Fifty Thousand Five Hundred Three Dollars and No Cents (\$1,050,503.00).

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY RESOLVES, that the Mayor, or his designee, is authorized to issue a Task Order to Atlanta Services Group, A Joint Venture for FC-4906B, Architectural, Engineering and Design Services to provide Street condition assessment on 1634 miles of paved roadways optimization models to rank potential paving projects in an amount not to exceed One Million Fifty Thousand Five Hundred Three Dollars and No Cents (\$1,050,503.00).

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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:

Caption:

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Committee of Purview: Finance/Executive Committee

Committee Meeting Date: July 7, 2014 (1st read) and July 16, 2014 (2nd read)

Council Meeting Date: July 21, 2014

Requesting Dept.: Department of Public Works

B. To be completed by the department:

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

The purpose of this legislation is to issue a task order to Atlanta Services Group (FC-4906B). Under this task order ASG will provide personnel and expertise to augment the Department of Public Works during the inventory and assessment of the street pavement conditions throughout the City. This scope of services includes providing such services in a staff augmentation delivery method with required expertise being provided to the City as requested and under the direction and leadership of Project Managers within the Department of Public Works. Per the RFP, ASG will perform these services from July 2014 through January 2015.

It is anticipated that these services will include the following:

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2. Please provide background information regarding this legislation.

The Department of Public Works needs to physically inventory and assess the condition of the City's 1634 miles of paved roadway network in order to prioritize the projects that will be identified in the upcoming 2015 Bond Referendum. The most common method used to define the \$881 million transportation backlog that was identified in the 2010 State of the City's Transportation Infrastructure & Fleet Inventory Report was to categorize each asset as high, medium, or low priority based on the number of years it was past its life cycle. This method did not include a visual inspection and analysis of these assets.

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3. If Applicable/Known:

- (a) **Contract Type:**
- (b) **Source Selection:**
- (c) **Bids/Proposals Due:**
- (d) **Invitations Issued:**
- (e) **Number of Bids:**
- (f) **Proposals Received:**
- (g) **Bidders/Proponents:**
- (h) **Term of Contract:**

4. Fund Department Account Center: 1001.130308.5212001.4270000

5. Source of Funds:

TBD

6. Fiscal Impact: \$1,050,503.00

7. Method of Cost Recovery:

This Legislative Request Form Was Prepared By: Rodney Givens

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14-R-

(Do Not Write Above This Line)

A RESOLUTION BY COUNCILMEMBER

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First Reading
 Committee _____
 Date _____
 Chair _____
 Referred To _____

FINAL COUNCIL ACTION
 2nd 1st & 2nd 3rd
 Readings
 Consent V Vote RC Vote

Committee _____

Date _____

Chair _____

Action _____

Fav, Adv, Hold (see rev. side)
 Other _____

Members _____

Refer To _____

Committee _____

Date _____

Chair _____

Action _____

Fav, Adv, Hold (see rev. side)
 Other _____

Members _____

Refer To _____

CONSENT REFER

REGULAR REPORT REFER

ADVERTISE & REFER

1ST ADOPT 2ND READ & REFER

PERSONAL PAPER REFER

Date Referred
 Referred To: *City Utilities*

Date Referred
 Referred To:

Date Referred:

Referred To:

Committee _____

Date _____

Chair _____

Action _____

Fav, Adv, Hold (see rev. side)
 Other _____

Members _____

Refer To _____

Committee _____

Date _____

Chair _____

Action _____

Fav, Adv, Hold (see rev. side)
 Other _____

Members _____

Refer To _____

MAYOR'S ACTION

CERTIFIED

COMMITTEE AMENDMENT FORM

DATE: 07/15/14

COMMITTEE CITY UTILITIES

PAGE NUM(S) 1

ORDINANCE I. D. _____

SECTION (S) _____

RESOLUTION I. D. #14-R-3830

PARAGRAPH

AMENDS THE LEGISLATION TO CHANGE THE YEAR OF EXPIRATION DATE IN 3RD WHEREAS CLAUSE TO 2012 AND TO ATTACH THE TASK ORDER.

Attachment: 14-R-3830 Amendment Form (14-R-3830 : FC-4906B)

June 12, 2014

Mr. Rodney Givens, P.E.
 Program Management Officer
 City of Atlanta, Department of Public Works
 55 Trinity Ave, SW, Suite 4500
 Atlanta, GA 30303-0324

RE: ASG's Response to "FY15 Capital Projects Professional Services" RFP
 Item "3. Street Condition Assessment (1,634 miles of paved roadways)"

Dear Mr. Givens:

The Atlanta Services Group Joint Venture (ASG) is proud to submit this response to your RFP for the referenced task order. We are very appreciative of your interest in our professional services and hereby dedicate the resources and expertise necessary to exceed your expectations in the delivery of the services contained within this task order proposal.

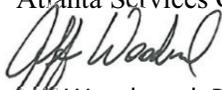
We understand that the paved road inventory is the largest part of your transportation infrastructure. We propose to provide the Street Condition Assessment on 1634 miles of paved roadways and provide optimization models to assist you in ranking potential paving projects. We will deliver the condition and location of various assets within the right-of-way of these roadways. In order to respond to your RFP in a concise manner, we have organized this proposal as follows:

- City of Atlanta, On-Call A&E Standard Task Order Form (Including Labor Breakdown and Fee)
- Exhibit A
 - Scope of Work
 - Availability of Staff
 - Organization Chart
 - Summary of Project Approach
 - Pavement Condition Inspectors
 - Roadway Asset Inspectors
 - Deliverables
 - Assumptions
- Exhibit B - Consultant's Compensation Method

Our ASG Project Manager for this task order is Mr. Jeff Woodward 678-517-5493 cell, jeff.woodward@jacobs.com) and the assigned ASG Services Coordinator is Mr. Jeffery Dingle, P.E. (404-427-0155 cell, jeff.dingle@jacobs.com).

We look forward to working with you on this effort.

Sincerely,
 Atlanta Services Group JV


 Jeff Woodward, P.E.
 ASG Project Manager


 Jeffery G. Dingle, P.E.
 ASG Services Coordinator

Atlanta Services Group (ASG) - 270 Peachtree Street NW #1600, Atlanta, GA 30309

Attachment: 14-R-3830 Task Order (14-R-3830 : FC-4906B)



Agreement Number: **FC-4906B Architectural, Engineering and Design Services**

Task Order Number: **37**

Task Order Maximum Payment Amount: **\$1,050,503.00**

The above referenced Task Order is made and entered into by and between the City of Atlanta, through its Contractual Agreement, hereinafter referred to as the CITY;

AND

ATLANTA SERVICES GROUP, A JV

Hereinafter referred to as the CONSULTANT.

This Task Order is made a part of the Professional Services Agreement referenced above between the CITY and the CONSULTANT, together with all attached exhibits made a part of this Task Order.

The period of performance/delivery date for this Task Order begins as of the Commencement Date of 7/1/2014, and shall be completed by a Completion Date of 6/30/2015, unless a written modification to this Task Order is made by the CITY.

Task Order Services to be provided: Professional services related to the Street Condition Assessment on 1,634 miles of paved roadways, optimization models for ranking potential paving projects and the condition and location assessment of various assets within the right-of-way as outlined in the RFP.

CONSULTANT shall perform all work related to this task order in accordance with the scope of services, specifications, and CONSULTANT's proposal titled: "**Street Condition Assessment (1,634 miles of paved roadways)**" attached and incorporated as Exhibit "A".

Task Order Milestones: Provide database including roadway condition ratings and an inventory of the roadway assets. As part of the roadway ratings, CONSULTANT will do an optimization model to provide a prioritized list of paving projects.

Additional Task Order Provisions:

Key Task Order Personnel: Services Coordinator – **Jeffery Dingle**, Project Manager – **Jeff Woodward**, Other Key Personnel – **Eric Tatum** (Street Condition and Asset Inventory) **Vinay Uchil** (Roadway Condition Data).

Staffing Proposal: See table below

Agreement Number: **FC-4906B Architectural, Engineering and Design Services**

Task Order Number: 37

Task Order Consultant: ASG Joint Venture

Page 2

Task Order Template – Labor Only

City Project Contact Information:

Rodney Givens

Department of Public Works

55 Trinity Avenue, SW

Suite 4700

Atlanta, GA 30303

Phone: (404) 330-6240

Fax : (404) 658-7552

E-Mail: RCGivens@AtlantaGa.Gov

Consultant Project Contact Information:

Jeff Woodward

Jacobs

10 Tenth Street, NW, Suite 1400

Atlanta, Georgia 30309

Phone: (404) 978-7592

Fax : (404) 978-7660

E-Mail : jeff.woodward@jacobs.com

Estimated Labor Hours and Associated Fee for Task by Labor Category: See table below

Task Order Terms for Expenses: Reimbursable at cost.

Estimated MBE/WBE Summary:

MBE/WBE Firms Utilized in Task Order: S.L. King & Assoc.
Engineering Design Technologies, Inc.

Estimated MBE Percentage: 40%

Estimated WBE Percentage: 0%

Task Order Billing and Payment Terms: Attached and incorporated as Exhibit “B”

City Invoicing Contact Information:

Rodney Givens

Department of Public Works

55 Trinity Avenue, SW

Suite 4700

Atlanta, GA 30303

Phone: (404) 330-6240

Fax : (404) 658-7552

E-Mail: RCGivens@AtlantaGa.Gov

Consultant Invoicing Contact Information:

Jeff Woodward

Jacobs

10 Tenth Street, NW, Suite 1400

Atlanta, Georgia 30309

Phone: (404) 978-7592

Fax : (404) 978-7660

E-Mail : jeff.woodward@jacobs.com

Attachments: Exhibit A, Exhibit B Compensation

Attachment: 14-R-3830 Task Order (14-R-3830 : FC-4906B)

Agreement Number: **FC-4906B Architectural, Engineering and Design Services**

Task Order Number: 37

Task Order Consultant: ASG Joint Venture

Task Order Template – Labor Only

Authorized Representatives and Signatures:

City of Atlanta Representative: Rodney Givens Signature: _____

Consultant Representative: Jeffery Dingle Signature: _____

Estimated Labor Hours and Associated Fee for Task by Labor Category:

Labor Category	Office Rates	Field Rates	Estimated Hours per Category	Total Estimated Fee per Category
Engineer 7	\$ 163.00	\$ 140.00	95	\$15,485.00
Engineer 5	\$ 120.00	\$ 100.00	76	\$9,120.00
Construction Manager	\$ 160.00	\$ 135.00	228	\$30,780.00
Senior Field Engineer	\$ 126.00	\$ 104.00	1,272	\$132,228.00
Construction Inspector	\$ 90.00	\$ 74.00	10,160	\$751,840.00
Total Labor			11,831	\$939,453.00
Other Direct Costs*				\$111,050.00
Grand Total				\$1,050,503.00

* ODC details

Aquablue Solutions	No. of Devices	Total
Tablets (data collection device lease)	16	\$9,000.00
Tablets (data collection device lease)	13	\$65,000.00

Vehicle Cost	No. of Vehicles	Total
Pavement team	3	\$8,550.00
Asset team	6	\$28,500.00

Attachment: 14-R-3830 Task Order (14-R-3830 : FC-4906B)



EXHIBIT A

FY15 Capital Projects Professional Services – Street Condition Assessment (1,634 miles of paved roads)

Agreement Number: FC-4906B Architectural, Engineering and Design Services

Task Order Number: 37

Project Description

Provide consulting services to augment the Department' of Public Works staff during the inventory and assessment of the street pavement conditions throughout the City.

Scope of Work

CONSULTANT will provide personnel and expertise to augment the CITY during the inventory and assessment of the street pavement conditions throughout the City. This scope of services includes providing such services in a staff augmentation delivery method with required expertise being provided to the CITY as requested and under the direction of leadership within the City of Atlanta Department of Public Works. Per the RFP, ASG will perform these services from July 2014 through January 2015.

It is anticipated that these services will include the following:

- Professional services in the areas of roadway pavement condition assessment and the location and condition of all roadway assets to be collected within the right-of-way.
- Professional services in the areas of roadway pavement data analysis and roadway paving project optimization in coordination with the Department's staff related to potential projects to be included in a project list for the CITY's planned Bond Referendum.

Upon Notice to Proceed, CONSULTANT will schedule a project team kickoff meeting and work with Department's staff to:

- 1) Identify and develop the pavement distress types to be used in the street condition assessment. On previous pavement assessments, we assigned a pavement rating using the attributes of cracking, raveling, rutting, patching/potholing, roughness, oxidation, bleeding and missing stone. Each roadway's condition would be assessed using these criteria with a hand held device and uploaded to a central database eliminating the need for physical data storage or on individual devices.
- 2) Identify and develop all the roadway attributes that need to be collected within the right-of-way to include ADA ramps, signs, signals, curb and gutter, trees, fire hydrants, and

pavement markings. With our experience from previous data collection projects and in consultation with the CITY’s staff, we will develop a data collection & rating system for each of these attributes.

Example

Attribute: Traffic Signal

Data Collected:	Location:	
	Type:	LED or Bulb light
	Installation:	Span wire or Mast arms
	Condition:	Scale of 1 to 3
	Optional information	
	Location of the Cabinet	
	Condition of Cabinet:	Scale of 1 to 3
	Condition of Loop Detection:	Scale of 1 to 3

The CONSULTANT Project Manager will coordinate the delivery of required assets and will monitor performance and expenditures against the allotted budget.

Availability of Staff

In order to provide consulting services to augment the Department’s staff during the inventory and assessment work included in the RFP, we provide the following leadership team for this effort:

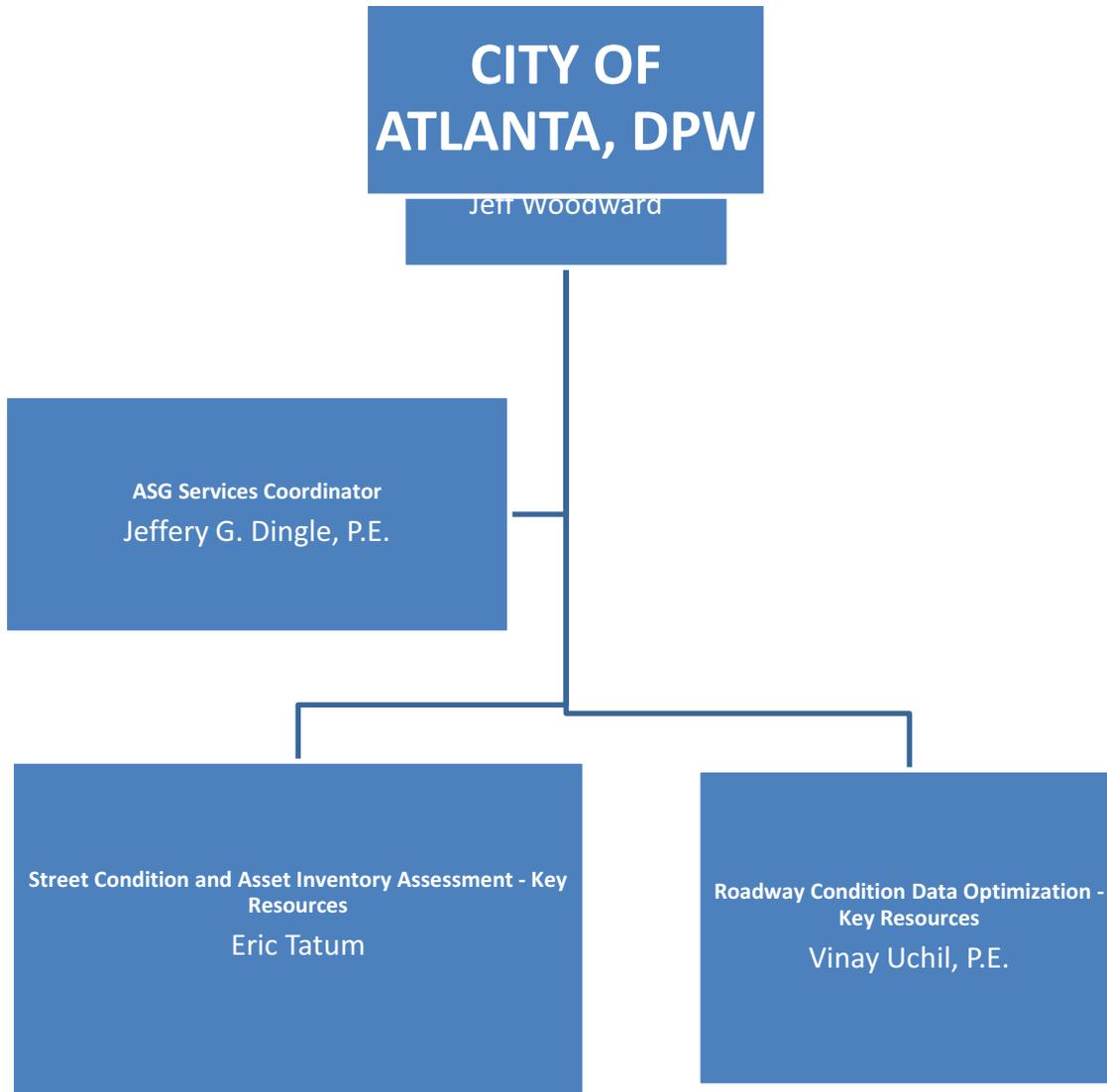
Jeff Woodward (Project Manager) – Mr. Woodward will serve as our Project Manager on this effort to provide the resources necessary in support of street pavement condition assessment; roadway inventory of assets, optimization and prioritization of potential roadway pavement projects to be included in a project list for the City’s planned Bond Referendum. Mr. Woodward will also manage and ensure Quality Assurance and Quality Control for the data collection process for the City’s asset management database.

Mr. Woodward has 29 years of experience in the field of transportation and served for 27 years with the Georgia Department of Transportation (GDOT) including the positions of Area Engineer and Liaison Construction Engineer. In this role, Mr. Woodward staffed and managed multiple major construction projects including coordinating GDOT’s pavement condition assessment and completion of multiple paving project packages for GDOT’s maintenance resurfacing program. Mr. Woodward recently successfully managed the pavement evaluation assessment project for Paulding County involving over 1500 roadways.

Eric Tatum –Mr. Tatum has 22 years of experience in project management including QAQC of field staff performing various construction management services. He recently managed the pavement data collection for roadways in Paulding County.

Attachment: 14-R-3830 Task Order (14-R-3830 : FC-4906B)

Vinay Uchil, P.E. - Mr. Uchil has 15 years as a program and project manager for various agencies in metro Atlanta. Mr. Uchil will be instrumental in the analysis of the data, optimization and prioritization plan.



Attachment: 14-R-3830 Task Order (14-R-3830 : FC-4906B)

Summary of Project Approach

Data collection for roadway attributes for 1634 miles is a major undertaking and will require thorough planning and data collection strategy .To collect roadway inventory within a reasonable amount of time will require a dedicated crews and a deployment plan. In order to get the best output and collect maximum data we have divided our team into two categories:

Pavement Condition Inspectors

Three two-person teams will drive every mile of roadway to conduct visual inspections of the City's road pavements and evaluate the various distress types for a pavement condition rating. These condition ratings will be collected using a hand held device. The roadway data will be analyzed in the office and a final score will be assigned to each road along with GPS coordinates for the approximate midpoint of the road.

Roadway Asset Inspectors

Six two-person teams will travel each mile of roadway to collect the roadway assets required by the City of Atlanta. Each member of the team will be assigned an electronic device and all attributes for each asset will be electronically collected. Since the data collected will be displayed real time on a website, the City as well as the Jacobs team will be aware of the work completed at any moment. With the ability to see data collected in real time, we can calculate the collection rate and the efficiency of the teams which will enable us to make adjustments if necessary to maximize output.

We propose to use AquaBlueSolutions' (ABS) FETCH application. Fetch is a mobile data collections solution that includes software and hardware. The application will enable us to collect large amounts of data on a hand held device in an efficient manner and store it in real time in a secure database prior to processing and handing over the data to the City. The following describes our approach using FETCH:

- Pre-field tasks:
 - Prior to the overall implementation of the project we will:
 - Design a field execution workflow
 - Design a local back-up system
 - Identify potential issues that may arise- such as duplication of data, missing certain features
 - Create a customized database per the requirements
 - Create field forms per requirements
 - Create several checks to make sure quality and integrity of the data is maintained
 - Design and create website reports and give access to various users with different roles
- Field implementation:
 - Query the collected data in various different ways to analyze and perform statistical analysis.
 - Data will be uploaded to a cloud based secured database and will be available on a project website.
 - Based on the workflow, emails will be sent out to pre-assigned project staff. Emails can contain data or notifications related to the data collected.

To efficiently collect the data we will implement the "grid system". Each primary-data collector will be given only one grid of the city at a time and a schedule to finish the grid. Only after the data collector team has completed over 90% of the roads within that grid, will that team be given the next grid. After 4 or 5 grids have been completed the secondary-data collector will go in and collect any missing road inventory.

Our pavement inspectors and asset inspectors will consist of qualified technicians and interns to provide the level of competency to collect the data electronically and the physical competency to stay within the required schedule.

Our team will provide the data review and data scrubbing to generate the database to meet the needs of the City. The data collection methodology we will use is extremely helpful in maximizing productivity and reducing data loss and repeat work and will allow real time schedule analysis and reporting. Once all the data has been collected, we will analyze the data and run various simulation models to assist in preparing a pavement management plan for the bond referendum which will:

- Optimize maintenance dollars.
- Improve the overall condition of the infrastructure system

Deliverables

Database for 1,634 miles of roadway that will include:

- 1) Roadway condition rating and optimized project paving model
- 2) Roadway inventory of assets

Assumptions

- Other asset classes such as sidewalk, pedestrian lights, street lights, loop conditions and manholes are not included in the inventory data collection.
- The condition of the asset will be rated on a scale of 1 to 3.
- Right-of-way for each street will be provided by the City.



EXHIBIT B

FY15 Capital Projects Professional Services - Item 3. Street Condition Assessment

Agreement Number: FC-4906B Architectural, Engineering and Design Services

Task Order Number: 37

Consultant's Compensation Method

Hourly Billing Rates with a Not-to Exceed Amount

Pricing for this project is based on time for the actual hours expended, not to exceed the estimate listed below. Work within this task order is staff augmentation, based on requested personnel from authorized leadership from the Department of Public Works. CONSULTANT will invoice monthly or at the completion of the project as appropriate. Invoices are due in 30 days. Any change in the Scope shall require prior written consent from CONSULTANT and CITY. Should a change in Scope be authorized, pricing is subject to change and will be billed based upon actual hours worked.

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