

**FY 07 Annual Work Program for Four (4)  
On-Call Engineering Services Contracts  
Executive Summary**

**Background:**

**(1) Architectural and Engineering Services Contract (SF5070)**

- This is the second year of a five (5) year contract awarded on June 20, 2005 for "On-Call" General Architectural and Engineering Services to P2D, a joint venture consisting of Parsons Transportation Group, Parsons Brinckerhoff Quade and Douglas, and Delon Hampton and Associates.
- The estimated cost for the FY 07 annual work program is \$24,028,000.

**(2) Vehicle Engineering Consultant Services Contracts (FG1451)**

- In order to provide continuity of services for on-going major vehicle programs, the Vehicle Engineering Contract FG1451 with Booz Allen Hamilton was extended through December 2007.
- The estimated cost for the FY07 program is \$11,400,000.

**(3) Vehicle Engineering Consultant Services Contracts (C05102)**

- This is the first, of four, one-year options for professional engineering and technical services with Booz Allen Hamilton in support of future vehicle programs.
- Estimated costs for the FY 07 program is \$2,850,000.

**(4) Planning, Architectural, and Engineering Services for Future 'New Starts' Projects Contract (SF5111)**

- This is the second year of a five year contract awarded on September 2005 for "On-Call" Planning, Architectural, and Engineering Services for future 'New Starts' Projects to DMJM Harris, Inc.
- The estimated cost of FY 07 annual work program is \$1,484,000.

**FY 07 Program:**

The amounts shown below represent the authorized level for FY 07 program.

<b>PROGRAM</b>	<b>Contract SF5070</b>	<b>Contract FG1451</b>	<b>Contract C05102</b>	<b>Contract SF5111</b>
Infrastructure Renewal Program (IRP)	\$ 16,565,000	\$ 4,150,000	\$ 850,000	
Metro Matters Rail Car & Facilities Prog.	\$ 975,000	\$ 4,700,000		
Metro Matters Bus & Facilities Program	\$ 450,000			\$ 484,000
System Access Capacity Program (SAP)	\$ 3,208,000	\$ 1,200,000	\$ 350,000	
System Expansion Program (SEP)	\$ 2,020,000		\$ 1,500,000	\$ 1,000,000
Operating Budget	\$ 810,000	\$ 850,000	\$ 150,000	
Rail Capital		\$ 500,000		
<b>Total</b>	<b>\$ 24,028,000</b>	<b>\$ 11,400,000</b>	<b>\$ 2,850,000</b>	<b>\$ 1,484,000</b>

**Funding:**

- Funds for the above-mentioned engineering contracts are subject to Board approval of the Fiscal 2007 Annual Budget and the availability of funds.



# Washington Metropolitan Area Transit Authority

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## ***FY 07 Annual Work Program for Four (4) Engineering Services Contracts***



***Presented to the Board of Directors:  
Planning & Development Committee***

*by*

**Office of Chief Engineer Systems**

May 04, 2006



# FY 07 Program

## General Architectural and Engineering Services

### Contract SF5070 (2<sup>nd</sup> Year)

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PROGRAM	PROJECTS	AMOUNT
Infrastructure Renewal Program (IRP)	Passenger & Maint. Facility, Systems, Track Structures, etc.	\$ 16,565,000
Metro Matters Rail Car Program	Yards, Traction Power Substations and Precision Stopping	\$ 975,000
Metro Matters Bus Program	Customer Facilities	\$ 450,000
System Access Capacity Program (SAP)	Test Track, Ballston-MU Access, Glenmont and Huntington Parking Garage, etc.	\$ 3,208,000
System Expansion Program (SEP)	Dulles Project	\$ 2,020,000
Operating Budget	Corrosion Control Testing, Metro Matters Info. Integration	\$ 810,000
TOTAL		\$ 24,028,000



# FY 07 Program

## Vehicle Engineering Consultant Services

### Contract FG1451

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<b>PROGRAM</b>	<b>PROJECTS</b>	<b>AMOUNT</b>
Infrastructure Renewal Program (IRP)	2K/3K Series Overhaul Support AC Traction Motor Rewind Support Clean Diesel Repower Progr. Support	\$ 4,150,000
Metro Matters Rail Car and Facilities Program	6000 Series Procurement Support 8-Car Precision Station Stop Support	\$ 4,700,000
System Access Capacity Program (SAP)	6000 Series Procurement Support	\$ 1,200,000
Operating Budget	Vehicle Engineering Support Heavy Equip. Overhaul Progr. Support Bus Emissions Technology Support	\$ 850,000
Rail Capital	5000 Series Procurement Support	\$ 500,000
<b>TOTAL</b>		<b>\$ 11,400,000</b>



# FY 07 Program

## Vehicle Engineering Consultant Services

### Contract CO5102 (2<sup>nd</sup> Year)

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PROGRAM	PROJECTS	AMOUNT
Infrastructure Renewal Program (IRP)	Hybrid/Elect. Bus Procur Support New Bus Procurement Specifications New Bus Procur & Mfrg. Tech. Support	\$ 850,000
System Access Capacity Program (SAP)	Anacostia Streetcar Procur Support	\$ 350,000
System Expansion Program (SEP)	7000 Series Procurement Support	\$ 1,500,000
Operating Budget	1000 Series Crack Investigation	\$ 150,000
TOTAL		\$ 2,850,000



**FY 07 Program**  
**Planning, Architectural, and Engineering**  
**Services for Future “New Starts”**  
**Contract SF5111 (2<sup>nd</sup> Year)**

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<b>PROGRAM</b>	<b>PROJECTS</b>	<b>AMOUNT</b>
Metro Matters Bus and Facilities Program	Bus Customer Facilities Crystal City/Potomac Yard	\$ 484,000
System Expansion Program (SEP)	Project Development	\$ 1,000,000
TOTAL		\$ 1,484,000



(Board Copy)  
Washington Metropolitan Area Transit Authority  
**METRO ELECTRONIC ACTION  
DOCUMENT**

IDENTIFICATION			
MEAD ID:	99477	ACTION:	Initiate & Award
AWARD VALUE:	(Not yet awarded)	CONTRACT: (Proposed)	
FUND SOURCES: (View)	Infrastructure Renewal Program Operating Funds System Access/Capacity Program Systems Expansion Program	CONTRACTOR:	
LAST MODIFIED:	04/26/2006		

DESCRIPTION	
SUBJECT:	FY 07 Annual work Program for four (4) Engineering Services Contracts
PURPOSE:	To obtain the concurrence of the Planning and Development Committee and the approval of the Board of Directors for authorization of the FY07 annual work programs per Attachment 1 for four "On-Call" engineering services contracts.

ORIGINATION					
INITIATOR			DEPARTMENTAL APPROVAL		
HARRY LUPIA on 04/18/2006			Not Approved Yet		
PHONE:	202-962-1674	OFFICE:	PDEC	DEPT:	PDEC CENS Administration

COORDINATION (ROUTING)		
OFFICE	NAME	ACTION/DATE
(4110)	SALPEAS, PANAGIOTIS	Approved 04/21/2006
PDEC (4310)	LUPIA, HARRY	Approved 04/21/2006
IRPG (4710)	COUCH, DAVID	Approved 04/20/2006
CONS (4210)	HAGGINS, JAMES	Approved 04/21/2006
OLIA (3131)	HICKS, BEA	Approved 04/19/2006
(3311)	FEIL, STEVE	Approved 04/24/2006
AUDT (7210)	STEWART, JAMES	Approved w/ Comments 04/19/2006
PRMT (7410)	JACKSON, LUCY	Approved 04/24/2006
(7110)	WILKINS, PAMELA	Not Reviewed Yet

FINAL APPROVALS	
OFFICE	NAME/ACTION
PLN DEV CMTE	Approved for by PANAGIOTIS SALPEAS on 04/21/2006
GM	GMGR CEO (Not Yet Approved)



Washington Metropolitan Area Transit Authority  
**METRO ELECTRONIC ACTION  
 DOCUMENT**

**NARRATIVE**

**DISCUSSION:**

This is a FY 07 annual work program for each of the following engineering services contracts to seek Board approval to perform all projects to be done during this year. The approval process for "On-call" engineering services contracts is in compliance with the procedure followed during the past several years.

**(1) General Architectural and Engineering Services Contract (SF5070)**

This is the second year of a five year contract awarded on June 20, 2005 for "On-Call" General Architectural and Engineering Services to P2D, a joint venture consisting of Parsons Transportation Group, Parsons Brinckerhoff Quade and Douglas, and Delon Hampton and Associates. The estimated cost for the FY 07 annual work program is \$24,028,000.

**(2) Vehicle Engineering Consultant Services Contracts (FG1451)**

In order to provide continuity of services for on-going major vehicle programs, the Vehicle Engineering Contract FG1451 with Booz Allen Hamilton was extended through December 2007. The estimated cost for the FY07 program is \$11,400,000.

**(3) Vehicle Engineering Consultant Services Contracts (C05102)**

This is the first, of four, one-year options for professional engineering and technical services with Booz Allen Hamilton in support of future vehicle programs. Estimated costs for the FY 07 program is \$2,850,000.

**(4) Planning, Architectural, and Engineering Services for Future `New Starts` Projects Contract (SF5111)**

This is the second year of a five year contract awarded on September 2005 for "On-Call" Planning, Architectural, and Engineering Services for future `New Starts` Projects to DMJM Harris, Inc. The estimated cost of FY 07 annual work program is \$1,484,000.

**PRIOR APPROVALS:**

(1) On June 20, 2005, WMATA Board of Directors approved the award of Contract SF5070 to P2D for "On-Call" General Architectural and Engineering Services

(2) On June 20, 2005, WMATA Board of Directors approved to extend the Vehicle Engineering Contract FG1451 with Booz Allen Hamilton through December 2007.

(3) On September 23, 2005, WMATA Board of Directors approved the award of Contract C05102 to Booz Allen Hamilton, Inc. and

(4) On September 2005, WMATA Board of Directors approved the award of Contract SF5111 to DMJM Harris, Inc. to provide planning, architectural, and engineering services for potential WMATA "New Starts" projects.



**ALTERNATIVES:**

The Authority does not have in-house staffing to provide these services. There is no reasonable alternative.

**IMPACT ON FUNDING:**

Funds for the above-mentioned engineering contracts are subject to Board approval of the Fiscal 2007 Annual Budget and the availability of funds.

The amounts shown below represent the authorized level of the program for FY 07.

The FY 07 program for these four contracts are as follows:

<b>PROGRAM</b>	<b>CONTRACT SF5070</b>	<b>CONTRACT FG1451</b>	<b>CONTRACT C05102</b>	<b>CONTRACT SF5111</b>
Infrastructure Renewal Program (IRP)	\$ 16,565,000	\$ 4,150,000	\$ 850,000	
Metro Matters Rail Car & Facilities Program	\$ 975,000	\$ 4,700,000		
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<b>Total</b>	<b>\$ 24,028,000</b>	<b>\$ 11,400,000</b>	<b>\$ 2,850,000</b>	<b>\$ 1,484,000</b>

**AFFIRMATIVE ACTION REQUIREMENTS:**

Contractors is in compliance with the Executive Order 11246, as amended, Revised Order No. 04.

**DISADVANTAGED BUSINESS ENTERPRISE:**

Pursuant to the WMATA Board Resolution #2005-30, the DBE goals for Contracts SF5070, C05102 and SF5111 is 25% and for Contract FG1451 is 36%.

**RECOMMENDATION:**

That the Planning and Development Committee concur and the Board of Directors approve the FY07 annual work programs for four "On-Call" engineering services contracts.