



Increase Contract Pool Value for the Professional Services Pool Contracts

Committee-of-the-Whole
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Today's Consideration

- Approval of a resolution authorizing the President & Chief Executive Officer or her designee to increase the contract pool value in the amount of \$63,709,193 for a new total authorized amount not to exceed \$128,159,356 for the Professional Services Pool Contracts in FY23 and FY24

Background

On September 24, 2019, the DART Board of Directors approved a resolution authorizing the President/Executive Director or his designee to:

- Establish contracts for Professional Services Pool to provide engineering and architectural design services, surveying, construction management, and other capital project support services including construction site safety management, quality management, document control, procurement support, and project controls
- Award a five-year contract to each of the selected firms
- Amount not to exceed \$43,747,200 for two-year period, FY20 and FY21

Background

On August 24, 2021, the DART Board of Directors approved a resolution authorizing the President/Executive Director or his designee to increase the contract pool value for FY22 funding for Professional Services Pool (PSP) contracts by \$20,702,963 for a new total authorized amount not to exceed \$64,450,163

Contract Pool Value Allocation by Group FY20, FY21, & FY22

	Amount
Group I – Civil, Structural, Surveying	\$ 7,168,160
Group II – Architectural, Electrical, Mechanical	4,135,379
Group III – Intelligent Transportation Systems, Traffic Engineering	415,202
Group IV – Systems Engineering Support	6,054,209
Group V – Miscellaneous (Capital Project Support) and Specialty Support	46,677,213
Total Contract Amount	\$64,450,163

- Contract pool value was based on anticipated professional services in FY20, FY21, and FY22 for projects approved in the financial plan

Contract Status Summary

	Amount
Total Contract Pool Value for FY20, FY21, & FY22	\$64,450,163
Committed to Date	(\$54,802,398)
Other Anticipated Commitments in FY22	(\$5,283,158)
Amount Remaining	\$4,364,607

D/M/WBE Considerations	Goal	Attained to Date
DBE	5%	8%
M/WBE	30%	40%

- Contract pool value was based on anticipated professional services in FY20, FY21, and FY22 for projects approved in the financial plan

Contract Status Summary (continued)

	Amount
Contract Pool Value for FY23	\$48,820,500
Contract Pool Value for FY24	\$19,253,300
Value Remaining from FY20, FY21, & FY22	(\$4,364,607)
Increase Contract Pool Value	\$63,709,193
	Amount
Previous Contract Pool Value	\$64,450,163
Increase Contract Pool Value	\$63,709,193
New Contract Pool Value	\$128,159,356

- New contract pool value is based on actual and anticipated commitments from FY20 through FY24 for professional services for projects approved in the financial plan

Contract Pool Value Allocation by Group FY23 & FY24

	FY23	FY24	Total
Group I – Civil, Structural, Surveying	\$33,557,500	\$5,287,800	\$38,845,300
Group II – Architectural, Electrical, Mechanical	\$543,500	\$0	\$543,500
Group III – Intelligent Transportation Systems, Traffic Engineering	\$164,200	\$0	\$164,200
Group IV – Systems Engineering Support	\$0	\$0	\$0
Group V – Miscellaneous (Capital Project Support) and Specialty Support	\$14,305,300	\$13,965,500	\$28,270,800
Total Contract Amount	\$48,820,500	\$19,253,300	\$68,073,800



- Contract pool value is based on anticipated professional services in FY23 & FY24 for projects approved in the financial plan

Approved Projects - Detail (Rail Program)

Project	Services	Amount
Silver Line Regional Rail (incl. Veloweb)	Capital project support for ongoing regional rail project and regional Veloweb Hike and Bike Project	\$19,719,400
Red & Blue Platform Extension (Closeout)	Construction management and capital project support	\$299,400
Red and Blue Line Full Raise – 23 Stations (LRV Fleet)	Design Services and capital project support	\$22,876,200
CROF & NWROF Facility Upgrades (LRV Fleet)	Design support and capital project support	\$4,336,600

Approved Projects - Detail (Rail Program)

Project	Services	Amount
Safety & Security - Downtown Stations and Outlying Stations	Capital project support for ongoing project for improvements at existing stations: blue light phones, additional lighting, and video monitors	\$317,200
D2 Subway	Real estate support services for early acquisition and capital project support	\$4,018,700
DFW Airport Station Concierge, pedestrian safety barriers, CCTV and station level boarding markers at other stations	Design support and construction management support	\$364,700

Approved Projects - Detail (Rail Program)

Project	Services	Amount
Growth/Regional Development Enterprise Project Management support	Software management support	\$928,400
Walnut Hill/Denton Facility	Construction management services	\$2,402,500
Operations Budget	Capital project support	\$1,788,900
Supplemental Surveys and Professional Services	Capital project support	\$6,000,000
	Rail Program Total	\$63,052,000

Approved Projects - Detail (Engineering)

Project	Services	Amount
Bridge Inspections	Annual bridge inspections and analysis	\$300,000
Engineering Support	Project management support	\$250,000
S&I Consolidated Dispatch Center	Design services for a critical facility to house an Emergency Operation Center, Bus, Rail and Police dispatch operations	\$230,200
	Engineering Total	\$780,200

Approved Projects - Detail (TRE)

Project	Services	Amount
Inwood and Knights Branch Double Track Project	Design Support	\$770,000
Upgrade EMF Electrical Wiring	Design Support	\$500,000
	TRE Total	\$1,270,000

Approved Projects - Detail (Mobility)

Project	Services	Amount
Passenger Transfer Location Station Upgrades/Advance Shelters	Technology enhancement services	\$100,000
Amenity Pad Design	Design support	\$336,900
On-Street Passenger Boarding & Plano Park and Ride	Project management support	\$64,200
Bus Transit - Elm & Commerce (Bus Stop Improvement at Elm and Akard Street)	Project management support	\$62,300
12 Crew Rooms	Project management support	\$62,300
	Mobility Total	\$625,700

Approved Projects - Detail (Maintenance)

Project	Services	Amount
Cityplace Fire Standpipes	Design services for upgrade to system	\$250,000
	Maintenance Total	\$250,000

Approved Projects - Detail (Planning)

Project	Services	Amount
Bus Operation Facility Assessment	Bus facility analysis support	\$780,000
D2 Planning Services	Capital Project Support to assisting with Constructability Reviews, Value Engineering, Risk Assessments, and Independent Cost	\$750,000
	Planning Total	\$1,530,000

Approved Projects - Detail (Marketing)

Project	Services	Amount
NC Tunnel WiFi Services	Design and capital support services	\$565,900

Department Summary

Department	Amount
Rail Program	\$63,052,000
Engineering	\$780,200
TRE	\$1,270,000
Mobility	\$625,700
Maintenance	\$250,000
Planning	\$1,530,000
Marketing	\$565,900
Total	\$68,073,800

Next Steps

- On June 14 and June 28, consideration of increase the value of contract is needed for remaining years (FY23 and FY24) to maintain continuity of support for ongoing capital projects and upcoming projects approved in the financial plan starting on October 1, 2022
- During the next year, monitor contract pool spending and request modifications to FY24 PSP request if needed

Next Steps – After PSP

- During the next year, DART will conduct assessment of the professional services pool contract, including industry outreach to gauge success of the task order contract approach and inform decision making for the successor contract for the next 5-year period beginning on October 1, 2024 (FY25) for continuity in service

Contract	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29
PSP Active	Active	Active	Active	Active	Active					
After PSP:										
•Due Diligence				Due Diligence						
•Solicitation					Solicitation					
•Active						Active	Active	Active	Active	Active

Recommendation

Approval of a resolution authorizing the President & Chief Executive Officer or her designee to increase the contract pool value in the amount of \$63,709,193 , for a new total authorized amount not to exceed \$128,159,356, for the Professional Services Pool Contracts in FY23 and FY24, performed by task order by the following selected firms:

Recommendation

Group I - Civil/Structural/Environmental/Surveying

- IEA, Inc.
- HNTB Corporation
- Lockwood, Andrews & Newnam, Inc.
- Urban Engineers Group, Inc.
- AECOM Technical Services, Inc.
- Jacobs Engineering Group, Inc.
- Hayden Consultants, Inc.
- Huitt-Zollars, Inc.
- ARUP Texas, Inc.
- EJES, Inc.
- Freese & Nichols, Inc.
- Michael Baker International

Recommendation

Group II - Architectural/Electrical & Mechanical

- Jacobs Engineering Group Inc.
- Freese & Nichols, Inc.
- Michael Baker International
- ARUP Texas, Inc.
- VAI Architects, Inc.
- Huitt-Zollars, Inc.

Recommendation

Group III - ITS/Traffic Engineering

- Kimley Horn & Associates, Inc.
- AECOM Technical Services, Inc.
- Bridgefarmer & Associates, Inc.

Group IV - Systems Engineering Support

- HNTB Corporation
- Paragon Project Resources, Inc.
- Stantec, Inc.
- AECOM Technical Services, Inc.
- Arredondo, Zepeda & Brunz, LLC

Recommendation

Group V - Miscellaneous Support/Specialty Support

- HNTB Corporation
- Bowman Engineering & Consulting, Inc.
- DDC Public Affairs
- Arredondo, Zepeda & Brunz, LLC
- White Hawk Engineering, Inc.
- CMTS, LLC
- Dal-Tech Engineering, Inc.
- Lockwood, Andrews & Newnam, Inc.
- AECOM Technical Services, Inc.
- Urban Engineers, Inc.

Recommendation

Group V - Miscellaneous Support/Specialty Support - (continued)

- Bridgefarmer & Associates, Inc.
- IBARRA Consulting; Aguirre Project Resources, LLC
- Hill International, Inc.
- Armand Consulting, Inc.
- Rail Pros, Inc
- HJ Russell & Company
- VRX, Inc.
- Dikita Enterprises, Inc.
- Link America, LLC
- WSP USA, Inc.



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Appendix with Additional Information

- Description of Professional Services by Group
- List of Firms by Sub-group in Group V

Appendix with Additional Information

- Pre-qualified firms in each group have the opportunity to propose on task assignments to provide services for the ongoing and upcoming capital projects
 - Total of 35 pre-qualified firms
 - Total of 65 contracts (some firms in more than one group)
- D/M/WBE Goals for the Professional Services Pool Contract:
 - 5% DBE
 - 30% M/WBE

Appendix with Additional Detail Scope of Services

Group I – Civil/Structural/ Environmental/Surveying

- Environmental Document Preparation and Public Involvement
- Civil Design and Preparation of Final PS & E Package
- Real Estate
- Track Design and Geometry Design
- Structural Design
- Bid Support Services
- Construction Management
- Surveys and Right-of-Way Work
- Other Related Engineering Services

Appendix with Additional Detail Scope of Services Continued

Group II – Architectural/Electrical & Mechanical

- Architectural Services
- Equipment Design and Evaluation
- Electrical and Illumination
- Mechanical and Utility Design
- Landscaping and Urban Design
- Asbestos and Hazardous Materials Investigation
- Miscellaneous Services for Repair, Rehabilitation and Safety Improvements of the Authority's Existing and Planned Projects
- Other Related Architectural / Engineering Services

Appendix with Additional Detail Scope of Services Continued

Group III – ITS/Traffic Engineering

- Intelligent Transportation System (ITS)
- ITS Control Systems Analysis and Design & Implementation
- Traffic Engineering
- Incident Management
- Traffic Signal Warrant Studies
- Signalization
- Other Related Engineering Services

Appendix with Additional Detail Scope of Services Continued

Group IV – Systems Engineering Support

- Systems Design
- Traction Electrification
- Corrosion Control
- Noise and Vibration
- Signal Preemption
- Fare Collection
- Streetcar Vehicles

Appendix with Additional Detail Scope of Services Continued

Group IV – Systems Engineering Support (cont.)

- Light Rail Vehicles
- Communications
- Transit Signals
- Supervisory Control and Data Acquisition (SCADA)
- Systems Construction
- Systems Inspection
- Closed Circuit Television (CCTV)
- Other Related Engineering Services

Appendix with Additional Detail Scope of Services Continued

Group V – Miscellaneous Support/Specialty Support

- Rail Safety Training Support
- Construction Safety & Security Support
- Technology Support
- Configuration Management/Document Management/Records Management Support
- Technical Document Support
- Procurement Support
- Project Controls Support

Appendix with Additional Detail Scope of Services Continued

Group V – Miscellaneous Support/Specialty Support (cont.)

- Quality Support
- Systems Integration Testing and Start-up
- Safety & Security Certification Support
- Vehicle Engineering and Support Services
- Management Support
- Real Estate Services
- Communications & Public Involvement Support Services

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support

- **Communications & Public Involvement:**
 - HNTB Corporation
 - Bowman Engineering & Consulting, Inc.
 - DDC Public Affairs
- **Configuration Management/Document Management/Records Management Support:**
 - Arredondo, Zepeda & Brunz, LLC
 - White Hawk Engineering, Inc.

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support (Continued)

- **Construction Safety Security Support:**
 - CMTS, LLC
 - Dal-Tech Engineering, Inc.
- **Management Support:**
 - Lockwood, Andrews & Newnam, Inc.
 - AECOM Technical Services, Inc.
 - Bowman Engineering & Consulting, Inc.
 - Urban Engineers, Inc.
 - Arredondo, Zepeda & Brunz, LLC

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support (Continued)

- **Procurement Support:**
 - AECOM Technical Services, Inc.
 - Bridgefarmer & Associates, Inc.
 - IBARRA Consulting
- **Project Controls Support:**
 - Aguirre Project Resources, LLC
 - Hill International, Inc.
 - Bowman Engineering & Consulting, Inc.
 - AECOM Technical Services, Inc.

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support (Continued)

- **Quality Support:**
 - Armand Consulting, Inc.
 - Bridgefarmer & Associates, Inc.
 - IBARRA Consulting
- **Rail Safety Training Support:**
 - RailPros, Inc.

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support (Continued)

- **Real Estate Professional Services:**
 - Arredondo, Zepeda & Brunz LLC
 - Dal-Tech Engineering, Inc.
 - HJ Russell & Company
- **Safety & Security Certification Support:**
 - AECOM Technical Services, Inc.
 - Bowman Engineering & Consulting, Inc.
 - Armand Consulting, Inc.

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support (Continued)

- **System Integration Testing & Start Up:**
 - VRX, Inc.
 - Arredondo, Zepeda & Brunz, LLC
 - Bowman Engineering & Consulting, Inc.
 - Dikita Enterprises, Inc.
 - AECOM Technical Services, Inc.
 - Link America, LLC

Appendix with List of Pre-Qualified Firms by Sub-Group in Group V

Group V – Miscellaneous Support/Specialty Support (Continued)

- **Technology Support:**
 - Arredondo, Zepeda & Brunz, LLC
- **Vehicle Engineering Support Services:**
 - WSP USA, Inc.
 - AECOM Technical Services, Inc.
 - Dikita Enterprises, Inc.