

FORT WORTH TRANSPORTATION AUTHORITY

Board of Directors Meeting

Monday
August 28, 2017
3:30 p.m.

**Intermodal Transportation Center (ITC)
1001 Jones Street, 2nd Floor Community Room
Fort Worth, TX 76102**



FORT WORTH TRANSPORTATION AUTHORITY

BOARD OF DIRECTORS MEETING

AGENDA

3:30 p.m., Monday, August 28, 2017

**Intermodal Transportation Center (ITC)
1001 Jones Street, 2nd Floor Community Room
Fort Worth, Texas 76102**

A. Call to Order

B. Pledge of Allegiance

C. Citizen Comments

D. Committee Reports

- Fort Worth Bike Sharing Board Meeting – August 8, 2017 – Neftali Ortiz
- Regional Transportation Council (RTC) – August 10, 2017- Scott Mahaffey
- Commuter Rail Committee Working Session – August 21, 2017 - Dennis Dunkins
- Planning/Operations/Marketing Committee Working Session – August 21, 2017 – Neftali Ortiz
- Finance & Audit Committee Working Session – August 21, 2017 – Jeff King

E. Items to be Withdrawn from Consent Agenda

F. Consent Agenda

1. BA2017-81 Contract Modification for Herzog Transit Services, Inc., for Trackwork for the Trinity Railway Express (TRE) Valley View Project and Resolution
2. BA2017-82 TEXRail Construction Manager/General Contractor (GM/GC) Services – Modifications to DFW Parking Lot 1W
3. BA2017-83 Award of Contract to Explorer Pipeline Compan for Costs Associated with the Adjustment/Relocation of the three (3) Pipeline Locations to Address Conflicts in Segment 3 with TEXRail Improvements
4. BA2017-84 TEXRail Construction Manager/General Contractor (CM/GC) Services – Long Avenue Sanitary Sewer
5. BA2017-85 Government & Social Media Analysis
6. BA2017-86 Magnetic Transit Fare Media Tickets
7. BA2017-87 Fiscal FY2018 Preliminary Operating & Capital Budget
8. BA2017-88 Bus Wash Facility Modifications
9. BA2017-89 CNG Station Upgrade
10. BA2017-90 60ft CNG Articulated Transit Buses
11. BA2017-91 Transit Bus and Van Batteries

12. R2017-11 Resolution – Release Related to TEXRail from the Fort Worth Transportation Authority regarding DART's Declaration of Sale of Surplus Property Rights Located at Hudgins Street in Grapevine, Texas to the City of Grapevine

G. President's Report - Paul Ballard

H. Chair's Report - Scott Mahaffey

I. Other Business

J. Executive Session

The Board of Directors may convene in Executive Session under the Texas Open Meetings Act for the consultation with its Attorney pursuant to Section 551.071; deliberation regarding real property pursuant to Section 551.072; deliberation regarding prospective gift pursuant to Section 551.073; deliberation regarding personnel matters pursuant to Section 551.074; deliberation regarding security devices pursuant to Section 551.076 and/or deliberations regarding economic development negotiations pursuant to Section 551.087.

K. Reconvene

L. Vote on Action Taken on Matters Deliberated in Executive Session

M. Adjourn

Next Meeting will be held on September 25, 2017 at 3:30 p.m., at the Intermodal Transportation Center, 2nd Floor Community Room



This facility is wheelchair accessible. For accommodations, for hearing or sight interpretive services, please contact Melanie Kroeker at (817) 215-8621, 48 hours in advance.

Consent Agenda Items

Board of Directors Action Item

Item Number: BA2017-81

Meeting Date: August 28, 2017

Item Title: Contract Modification for Herzog Transit Services, Inc., for Trackwork for the Trinity Railway Express (TRE) Valley View Project and Resolution

BACKGROUND

Approval of this contract modification will provide for the acquisition and installation of trackwork associated with the Trinity Railway Express (TRE) Valley View project.

Approval of this agreement will help achieve the Board Strategic Priority 1: Continually improve service and safety experiences and perceptions for customers and the public; and Priority 2: Optimize and preserve (state of good repair) the existing transit system.

The Valley View project is a double tracking project located in the City of Irving. The project involves the construction of approximately 1.5 miles of new Class 4 double track between the Dallas/Tarrant County line and the West Irving Station. The project also includes a new bridge structure over Bear Creek, Valley View Lane grade crossing, and conversion of the existing #24 turnout to a #24 crossover.

On June 14, 2016 (DART Resolution No. 160061), the DART Board approved a contract modification with HTSI in the amount of \$500,000 for flagging, safety training, and project coordination.

Verizon to provide for the extension of the existing conduits, installation of lateral drops, and installation of fiber optic cable.

Pursuant to Section 2.4 of the Restated Interlocal Cooperative Agreement by and between the Fort Worth Transportation Authority (FWTA) and Dallas Area Rapid Transit (DART) for the Operation and Development of the Trinity Railway Express (TRE) Commuter Rail Service, dated September 16, 2003, DART is acting as the lead agency on behalf of the TRE.

This item will be presented to the DART Board on August 22, 2017.

PROCUREMENT

The base term of the contract is ten years from the Notice to Proceed date of October 1, 2015, and the contract provides for one, ten-year option. The project is within the scope of the contract. The price is fair and reasonable.

Meeting Date: August 28, 2017

Item Number: BA2017-81

Page: 2

Item Title: Contract Modification for Herzog Transit Services, Inc., for Trackwork for the Trinity Railway Express (TRE) Valley View Project and Resolution

DBE

The goals for this contract were established in February 2014 at 7% DBE and 27% M/WBE participation. Herzog Transit Services, Inc. (Herzog), the prime contractor, committed to exceeding both goals. Herzog is also committed to subcontracting portions of the work associated with this modification to certified D/M/WBE firms. Herzog has committed that it will meet the goal.

FINANCING

This contract modification for the acquisition and installation of trackwork is included in the approved FY 2017 Capital Budget. Sufficient funding for this contract modification in the amount of \$4,860,392 is included in both the TRE Valley View Project budget and the Commuter Rail Capital line item of the FY 2017 Twenty-Year Financial Plan. This contract is federally funded in an amount up to \$2,812,000, which represents 56% of the contract modification. The Fort Worth Transportation Authority is not funding any part of this Project.

RECOMMENDATION

The Commuter Rail Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to execute a contract modification to provide additional funding to the Trinity Railway Express Operations and Maintenance Contract with Herzog Transit Services, Inc., [DART Contract No. 2005858-1] for acquisition and installation of trackwork for the TRE Valley View project in the amount of \$4,660,392, plus a supplemental work contingency of \$200,000 for unanticipated expenses, for a new total authorized contract amount not to exceed \$324,139,231.

Disposition by Board of Directors

Secretary Approval: _____ Date: _____

A Resolution

RESOLUTION OF THE BOARD OF DIRECTORS OF THE FORT WORTH TRANSPORTATION AUTHORITY

(R2017-10)

Contract Modification for Herzog Transit Services, Inc., for Trackwork for the Trinity Railway Express (TRE) Valley View Project

WHEREAS, Herzog Transit Services, Inc., (HTSI) has a 10-year contract for the provision of Trinity Railway Express (TRE) commuter rail operation services between Fort Worth and Dallas, for a total authorized amount not to exceed \$317,623,839; and

WHEREAS, a contract modification was issued to HTSI in the amount of \$1,155,000 for a reimbursable expenditure for track, signal, and other rail-related work on the TRE corridor at the Calloway Cemetery and Tarrant Main Street Grade Crossings in Tarrant County; and

WHEREAS, a second contract modification was approved with HTSI in the amount of \$500,000 for flagging, safety training, and project coordination for the project with Verizon to provide for the extension of the existing conduits, installation of lateral drops, and installation of fiber optic cable; and

WHEREAS, pursuant to Section 2.4 of the Restated Interlocal Cooperative Agreement by and between the Fort Worth Transportation Authority (FWTA) and Dallas Area Rapid Transit for the Operation and Development of the Trinity Railway Express Commuter Rail Service, dated September 16, 2003, DART is acting as the lead agency on behalf of the TRE; and

WHEREAS, the Valley View project is a double tracking project located in the City of Irving, which involves the construction of approximately 1.5 miles of new Class 4 double track between the Dallas/Tarrant County line and the West Irving Station. The project also includes a new bridge structure over Bear Creek, Valley View grade crossing, and conversion of the existing turnout to a crossover; and

WHEREAS, this contract includes trackwork for the addition of a second main track south of the existing main track #1 between MP 629.4 and MP 630.9, including Valley View crossing and trackwork for a new single structure, double track bridge over Bear Creek at MP 630.84; and

WHEREAS, the proposed pricing structure is considered to be fair and reasonable;

WHEREAS, this contract modification is federally funded in an amount up to \$2,812,000 which represents 56% of the modification; and

WHEREAS, funding for this contract modification is within current Budget and FY 2017 Twenty-Year Financial Plan allocations.

NOW, THEREFORE, BE IT RESOLVED that the Fort Worth Transportation Authority Board of Directors concurs with DART's Board of Directors to provide additional funding to the Trinity Railway Express Operations and Maintenance Contract with Herzog Transit Services, Inc., [DART Contract No. 2005858-01] for acquisition and installation of trackwork for the TRE Valley View project in the amount of \$4,660,392 plus a supplemental work contingency of \$200,000 for unanticipated expenses, for a new total authorized contract amount not to exceed \$324,139,231.

A Resolution

ADOPTED by the Fort Worth Transportation Authority Board of Directors on this, the 28th day of August, A.D. 2017.

Scott Mahaffey
Chair

Jon Michael Franks
Secretary



Board of Directors Action Item

Item Number: BA2017-82

Meeting Date: August 28, 2017

Item Title: TEXRail Construction Manager/General Contractor (CM/GC)
Services - Modifications to DFW Parking Lot 1W

BACKGROUND

In April 2015, Archer Western/Herzog JV was awarded a contract for TEXRail CM/GC Pre- Construction Services. During the pre-construction phase of the TEXRail Project, the Contractor provided input into the project as the design progressed to improve constructability, reduce cost, and mitigate schedule concerns in the design documents and project constraints. The Contractor has planned the construction activities with the various stakeholders, built a construction schedule, and developed pricing for the construction services phase.

In August 2016, Archer Western/Herzog JV was awarded the contract for TEXRail Construction Services to build the Guideway and Stations for the TEXRail project.

On September 19, 2016 FWTA issued Notice to Proceed to Archer Western/Herzog JV to proceed with construction of the project.

During the design and pre-construction phase, FWTA, the Engineer of Record, and the Contractor had numerous coordination meetings with DFW Airport to discuss the impacts of the TEX Rail project on DFW's Parking Lot 1W and associated bus operations. Over the course of the last year, the joint team developed design solutions that mitigated impacts to Parking Lot 1W in the most cost efficient manner. The Engineer of Record has provided an amendment to the construction plans incorporating the final solution. In June 2017, DFW Airport approved the plan amendment for the DFW Parking Lot 1W modifications.

This Board Action request would authorize FWTA's President/Chief Executive Officer to issue a contract modification and enter into a supplemental agreement to the Construction Contract #15-004 with AWH to incorporate DFW Parking Lot 1W modifications into the CM/GC Contract.

PROCUREMENT

The authorization amount for Construction Services is based on independent estimates. FWTA staff will negotiate a fair and reasonable amount at or below this authorization. A minimum goal of 12% Disadvantaged Business Enterprise (DBE) and a combined D/M/WBE goal of 30% was set for TEXRail Construction Services. The Contractor has committed to meeting these goals on the overall contract, including this authorization.

Meeting Date: August 28, 2017

Item Number: BA2017-82

Page: 2

Item Title: TEXRail Construction Manager/General Contractor (CM/GC)
Services - Modifications to DFW Parking Lot 1W



RECOMMENDATION

The Commuter Rail Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to issue a contract modification and enter into a supplemental agreement with Archer Western/Herzog JV to add the retaining walls and drainage modifications to AWH's CM/GC contract #15-004 in an amount not-to-exceed \$800,000. The work will be funded from the contract contingency.



Disposition by Board of Directors


Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-83

Meeting Date: August 28, 2017

Item Title: Award of Contract to Explorer Pipeline Company for Costs Associated with the Adjustment/Relocation of the three (3) Pipeline Locations to Address Conflicts in Segment 3 with TEXRail Improvements



BACKGROUND

In 2006, the Southwest-to-Northeast Transportation Corridor Study was issued which studied a broad range of modal and alignment alternatives to connect southwest Fort Worth, downtown Fort Worth and DFW Airport. Commuter rail was selected as the preliminary Locally Preferred Alternative in this corridor.

In October 2008, the Draft Environmental Impact Statement for the Southwest-to-Northeast Transportation Corridor Study was issued for public comment. This document forms the basis for the implementation of the commuter rail corridor.

In April 2011, the official name of the Southwest-to-Northeast Project was changed to TEXRail.

In March 2012, the FTA granted the TEXRail project entry into preliminary engineering.

In August 2013, the Fort Worth Transportation Authority (FWTA) Board voted to accept the proposed MOS as the Preferred Alternative to be included in the FEIS. The MOS eliminated the Southwest portion of the line extending from the SE terminus to just prior to the existing T & P Station in downtown Fort Worth.

In September 2014, a Record of Decision (ROD) was issued for the project by both the FTA and FAA.

In November 2014, Notice To Proceed (NTP) was issued to Parsons/TranSystems Joint Venture (P-TS) for final design of TEXRail.

Several meetings/discussions with Explorer Pipeline Company have been held during the design to discuss several utility relocations along the alignment.

On February 24, 2016, Explorer Pipeline Company submitted a cost estimate to the FWTA for adjustment/relocation of the three (3) pipeline relocations with an estimated cost of \$1,918,270.83.

On May 23, 2016, the FWTA Board of Directors authorized the President/CEO to execute an Agreement for Adjustment of Utility with Explorer Pipeline Company for the adjustment/relocation of the Explorer pipeline in an amount of \$1,918,270.83 and a contingency of \$383,654.17(20%) to cover any unforeseen circumstances, for an amount not to exceed \$2,301,925.00.

Meeting Date: August 28, 2017

Item Number: BA2017-83

Page: 2

Item Title: Award of Contract to Explorer Pipeline Company for Costs Associated with the Adjustment/Relocation of the three (3) Pipeline Locations to Address Conflicts in Segment 3 with TEXRail Improvements

Between February 23, 2017 and June 22, 2017, Explorer Pipeline Company submitted designs to DART for approval and DART responded with significant comments adding scope to the relocations. DART and Explorer Pipeline Company had several meetings to resolve the additional DART requirements that Explorer Pipeline Company did not agree with.

On June 29, 2017, Explorer Pipeline Company provided FWTA notice that the additional requirements increased the relocation project cost. The resulting increase in Explorer Pipeline Company's estimate is approximately \$1,800,000.

On July 14, 2017 Explorer Pipeline Company obtained DART approval on the design. The agreed upon scope resulted in a \$1,700,000.00 increase in Explorer Pipeline Company's estimate for the work.

PROCUREMENT

This contract is a sole source procurement with Explorer Pipeline Company. The Assistant Vice President of Contract Administration and Procurement has made a determination that there is only one source for the required adjustment/relocation in accordance with the FWTA's Procurement Policy. The Contract type is a Cost Reimbursable Contract through which the FWTA will pay Explorer Pipeline Company's actual costs for the adjustment/relocation. The Contract does not include any profit or fee.

FINANCING

The cost of the utility relocation is included in the FWTA's capital budget and the 2035 Financial Plan. It will be funded with a combination of Federal and State grants with local match funded primarily with local dollars from the FWTA and Grapevine.

RECOMMENDATION

The Commuter Rail Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to increase the funds for Explorer Pipeline Company agreement in an amount of \$1,700,000.00 for a new total amount of \$4,001,925.00.

Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-84

Meeting Date: August 28, 2017

Item Title: TEXRail Construction Manager/General Contractor (CM/GC) Services
- Long Avenue Sanitary Sewer

BACKGROUND

In April 2015, Archer Western/Herzog JV was awarded a contract for TEXRail CM/GC Pre-Construction Services. During the pre-construction phase of the TEXRail Project, the Contractor provided input into the project as the design progressed to improve constructability, reduce cost, and mitigate schedule concerns in the design documents and project constraints. The Contractor has planned the construction activities with the various stakeholders, built a construction schedule, and developed pricing for the construction services phase.

In August 2016, Archer Western/Herzog JV was awarded the contract for TEXRail Construction Services to build the Guideway and Stations for the TEXRail project.

On September 19, 2016 FWTA issued Notice to Proceed to Archer Western/Herzog JV to proceed with construction of the project.

During the construction phase, the Contractor identified an existing sanitary line at Long Avenue was in conflict with a proposed soil nail wall. The Engineer of Record has developed a design to relocate the sanitary line to address the conflict.

This Board Action request would authorize FWTA's President/Chief Executive Officer to issue a contract modification and enter into a supplemental agreement to the Construction Contract #15-004 with AWH to incorporate the Long Avenue Sanitary Sewer modifications necessary to relocate the sanitary line into the CM/GC Contract.

PROCUREMENT

The authorization amount for Construction Services is based on independent estimates. FWTA staff will negotiate a fair and reasonable amount at or below this authorization. A minimum goal of 12% Disadvantaged Business Enterprise (DBE) and a combined D/M/WBE goal of 30% was set for TEXRail Construction Services. The Contractor has committed to meeting these goals on the overall contract, including this authorization.

Meeting Date: August 28, 2017

Item Number: BA2017-84

Page: 2

Item Title: TEXRail Construction Manager/General Contractor (CM/GC) Services -
Long Avenue Sanitary Sewer


RECOMMENDATION

The Commuter Rail Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to issue a contract modification and enter into a supplemental agreement with Archer Western/Herzog JV to add the Long Avenue Sanitary Sewer modifications to AWH's CM/GC contract #15-004 in an amount not-to-exceed \$500,000. The work will be funded from the contract contingency.


Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-85

Meeting Date: August 28, 2017

Item Title: Government & Social Media Analysis

BACKGROUND

The Fort Worth Transportation Authority (FWTA) is continuing to develop a comprehensive plan of action to support ongoing and future governmental relations and communications efforts. In this regard, FWTA's Governmental Relations and Communications staff seeks to supplement efforts by procuring services from a firm to track and report legislation, measure and report on political narratives, identify decision makers and foster community support, identify new potential target service areas, analyze social media trends and provide feedback to FWTA on social media activity as it relates to transportation and transit needs for the region.

REQUEST FOR PROPOSAL (RFP)

In accordance with FWTA's Procurement Policy, Request for Proposal (RFP 17-T042) for Government and Social Media Analysis was issued and advertised on the FWTA's web site. The RFP was issued to establish a contract for a firm to provide support services for a two-year term.

Proposal responses were received from 5 firms:

NAME OF FIRM	ANNUAL \$ COST PROPOSED
Business Services & Supplies	\$240,000
Demlan Solutions	\$119,880
H&K Strategies	\$316,680
Medicine Recycle Corporation	\$157,440
Mosaic	\$ 60,000

Based on established evaluation criteria, Mosaic was selected as the firm with the highest score.

FINANCING

The annual cost for the contract term is \$60,000. Funds are available in FWTA's FY2017 Operating Budget to finance this contract. Funding for the second year will be included in the next year's budget.

Meeting Date: August 28, 2017
Item Number: BA2017-85
Page: 2
Item Title: Government & Social Media Analysis

PROCUREMENT

The FWTA's Procurement Department has followed procurement policy with the Request for Proposal and is in compliance with all applicable Federal, State, and the FWTA procurement requirements.

DBE UTILIZATION

Mosaic has applied for a DBE certification with the North Central Texas Regional Certification Agency (NCTRCA). It is currently certified through the NCTRCA as a MBE/WBE.

RECOMMENDATION

The Planning, Operations and Marketing Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to enter into a contract with Mosaic for the strategic communications and marketing services at a total cost not-to-exceed \$120,000 for the 2-year contract term.

Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-86

Meeting Date: August 28, 2017

Item Title: Magnetic Transit Fare Media Tickets

BACKGROUND

The Fort Worth Transportation Authority (FWTA) uses fare media tickets for fare payments and has recently replaced and updated the fare box system with new equipment. In reviewing the fare media in use, FWTA is initiating a contract to consolidate ordering tickets under contracted pricing with a single provider to maintain consistency in products, stock levels and achieve cost savings.

REQUEST FOR PROPOSAL

In accordance with the FWTA Procurement Policy, Request for Proposal (RFP) # 17-T047 for Magnetic Fare Media Tickets was advertised and issued on July 13, 2017. One proposal response was received from Electronic Data Magnetism (EDM), Inc.

The proposal from Electronic Data Magnetism, Inc. was reviewed and is determined to be responsive and responsible. It is the single response received for a product with a limited supplier base, and is recommended, based on a determined fair and reasonable cost. FWTA has procured media tickets from EDM for past orders and is satisfied with the quality of work produced.

FINANCING

Funds are available in FWTA's FY2017 operating budget to finance this project. Provisions for funding for future years will be requested in the proposed annual budgets.

PROCUREMENT

The FWTA's Procurement Department has followed procurement policy with RFP 17-T047 and is in compliance with all applicable Federal, State, and the FWTA procurement requirements.

Meeting Date: August 28, 2017
Item Number: BA2017-86
Page: 2
Item Title: Magnetic Transit Fare Media Tickets

RECOMMENDATION

The Finance & Audit Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to enter into a two-year contract with three one-year renewal option years with Electronic Data Magnetics, Inc. to provide pre-printed thermal-poly magnetic fare media tickets to be used for multiple applications of fare payment of the GFI FastFare farebox and ticket vending machines. The annual estimated cost is estimated to be \$50,000, for a total cost not-to-exceed \$250,000 for 5 years.

Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-87

Meeting Date: August 28, 2017

Item Title: Fiscal FY2018 Preliminary Operating and Capital Budget



BACKGROUND

A summary of the preliminary budget for fiscal FY2018 is attached for approval. The approved preliminary budget will be sent to governing bodies of our member cities.

Any changes to the budget needed as a result of further deliberation will be made prior to final adoption of the budget, which is scheduled for the September 25, 2017 Board of Directors meeting.

RECOMMENDATION

The Finance & Audit Committee recommends that the Board of Directors adopt the attached preliminary fiscal FY2018 operating and capital budgets.



Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Fort Worth Transportation Authority

Operating Budget

(Amounts in Thousands)

	FY 2018 Budget
Operating Revenue	
Fixed Route	\$ 5,030
Para-transit	1,349
TRE	2,471
E-Pass	425
Other Operating	150
Total Operating Revenue	<u>9,425</u>
Other Revenue	
Sales Tax	77,431
Investment	2,000
Advertising	505
Operating Grants	12,395
Capital Grants	363,499
Contributions from Grapevine	9,689
Contributions from Partners	2,700
Miscellaneous	1,450
Rental Income	850
Total Other Revenue	<u>470,519</u>
Total Revenue	<u>479,944</u>
Operating Expense	
Salary and Benefits	41,442
Services	26,621
Fuels and Lubricants	1,714
Tires and Tubes	417
Maintenance Materials	2,673
Supplies and Materials	494
Utilities	855
Insurance	436
Taxes and Fees	19
Miscellaneous	1,088
Total Operating Expense	<u>75,758</u>
Other non-operating expense	<u>2,955</u>
Net Available for Capital	<u>401,231</u>
Capital Expenditures	<u>613,134</u>
Decrease in Reserves	\$ (211,903)
Beginning Reserves	<u>221,891</u>
Ending Reserves	<u>\$ 9,988</u>
Budgeted Non-Cash Depreciation	<u>\$ 18,546</u>

Fort Worth Transportation Authority
Fiscal 2018 Capital Budget

(Amounts in Thousands)

FY 2017 (Projects Carried Over):

Bus / Facilities Maintenance

	Total Budget	Federal Funding	Federal Funding %	Partner Cont	Local Share	Cumulative Expenditures Projected thru 9/30/17	Projected Expenditures FY18	The T's Share	Partner Cont	Federal Funding
CNG Station Upgrades	\$ 3,600	-	0%	-	\$ 3,600	\$ 110	\$ 3,190	\$ 3,190	-	-
Bus Wash	900	-	0%	-	900	57	843	843	-	-
Mezzanine For Building Maintenance	110	-	0%	-	110	-	110	110	-	-

Trinity Railway Express

TRE Trinity River Bridge Design & Const	35,000	969	3%	-	34,031	2,222	20,000	19,031	-	969
Positive Train Control	17,188	6,250	36%	-	10,938	1,234	15,954	9,704	-	6,250
TRE Grade Crossing (Appendix A)	1,461	1,169	80%	-	292	66	1,395	279	-	1,116
TRE Security Video Enhancement	365	292	80%	-	73	-	365	73	-	292

Other

Enterprise Resource Planning Replacement	9,000	-	0%	-	9,000	4,289	3,700	3,700	-	-
Automated Fare Collection System	5,137	-	0%	-	5,137	3,189	905	905	-	-
Intelligent Transportation System	3,500	-	0%	-	3,500	-	1,750	1,750	-	-
Fleet-wide Passenger Information System	2,714	966	36%	-	1,748	2,135	578	578	-	-
Multi-Year Transportation Enhancements	887	710	80%	-	177	68	819	164	-	656
ADA Accessible Bus Stops	387	310	80%	-	77	69	318	64	-	255
Interactive Voice Response System / Trapeze Com	680	350	51%	-	330	434	246	119	-	127
Joint Project /Fort Worth Housing Solutions	60	-	0%	-	60	-	60	60	-	-
Bus Park & Ride / Transfer Centers (Appendix B)	-	-	-	-	-	-	-	-	-	-

Total FY17 Projects Carried Over to FY18

						Fiscal 2018				
Total Budget	Federal Funding	Federal Funding %	Partner Cont	Local Share	Cumulative Expenditures Projected thru 9/30/17	Projected Expenditures FY18	The T's Share	Partner Cont	Federal Funding	
\$80,989	\$ 11,016	14%	-	\$69,973	\$ 13,873	\$ 50,235	\$ 40,570	-	\$ 9,665	

Fort Worth Transportation Authority

Fiscal 2018 Capital Budget

(Amounts in Thousands)

	Total Budget	Federal Funding	Federal Funding %	Partner Cont	Local Share	Cumulative Expenditures Projected thru 9/30/17	Fiscal 2018			
							Projected Expenditures FY18	The T's Share	Partner Cont	Federal Funding
Page 1 Subtotal	\$ 80,989	\$ 11,016	14%	\$ -	\$ 69,973	\$ 13,873	\$ 50,235	\$ 40,570	\$ -	\$ 9,665

FY 2018 "New" Capital Projects:

Bus / Facilities Maintenance

FY18 Articulated Buses (6)	\$ 4,899	\$ 4,066	83%	-	\$ 833	-	\$ 4,899	\$ 833	-	\$ 4,066
Vehicle Purchase - FY18	5,013	4,161	83%	-	852	-	5,013	852	-	4,161
FY18 Electric Buses (4)	3,757	3,006	80%	-	751	-	3,757	751	-	3,006
Parking Lot Lights	590	-	0%	-	-	-	590	590	-	-
Capital Maintenance T Facilities - FY18	364	-	0%	-	364	-	364	364	-	-
Capital Maintenance Parking Lots - FY18	200	-	0%	-	200	-	200	200	-	-
Miscellaneous Equipment - FY18	200	-	0%	-	200	-	200	200	-	-

Trinity Railway Express

TRE Capital Maintenance - FY18	10,618	-	0%	-	10,618	-	10,618	10,618	-	-
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Other

Point of Sale (POS) System	800	-	0%	-	800	-	800	800	-	-
Mobile View Camera System on Remaining Fleet	637	510	80%	-	127	-	637	127	-	510
IT Equipment Replacement-FY18-FY21	334	-	0%	-	334	-	115	115	-	-
FWTA APP	200	-	0%	-	200	-	200	200	-	-
New FWTA Headquarters	150	-	0%	-	150	-	150	150	-	-
Bus Stop Manager/Trapeze	116	-	0%	-	116	-	116	116	-	-
Staff Vehicles	95	56	59%	-	39	-	95	39	-	56

Total "New" FY17 Projects	\$ 27,973	\$ 11,799	42%	-	\$ 15,584	-	\$ 27,754	\$ 15,955	-	\$ 11,799
Subtotal T Projects	\$ 108,962	\$ 22,815	21%	-	\$ 85,557	\$ 13,873	\$ 77,989	\$ 56,525	\$ -	\$ 21,464

Fort Worth Transportation Authority

Fiscal 2018 Capital Budget

						Fiscal 2018				
	* Total Budget	Federal Share	Federal Funding %	Partner Cont	Local Share	Cumulative Expenditures Projected thru 9/30/17	Projected Expenditures FY18	The T's Share	Partner Cont	Federal Funding
(Amounts in Thousands)										
Page 2 Subtotal	\$ 108,962	\$ 22,815	21%	\$ -	\$ 85,557	\$ 13,873	\$ 77,989	\$ 56,525	\$ -	\$ 21,464
TEX Rail										
Guideway and Track	\$ 181,376	\$ 92,556	51%	\$ 15,000	\$ 73,820	\$ 29,174	\$ 132,202	\$ 49,739	\$ 15,000	\$ 67,463
Stations	\$ 92,100	\$ 37,742	41%	\$ 43,826	\$ 10,531	\$ 1,000	\$ 65,100	\$ -	\$ 30,419	\$ 26,678
Yards and Shops	\$ 29,115	\$ 14,138	49%	\$ -	\$ 14,977	\$ 18,259	\$ 10,138	\$ 5,215	\$ -	\$ 4,923
Site work and Special Conditions	\$ 190,908	\$ 101,964	53%	\$ 20,108	\$ 68,836	\$ 78,919	\$ 98,989	\$ 26,011	\$ 20,108	\$ 52,870
Signals, Communications, Systems	\$ 121,858	\$ 59,174	49%	\$ -	\$ 62,684	\$ 37,455	\$ 72,417	\$ 37,251	\$ -	\$ 35,166
Right-of-Way, Real Estate	\$ 92,331	\$ 44,836	49%	\$ 5,000	\$ 42,495	\$ 59,804	\$ 32,527	\$ 11,732	\$ 5,000	\$ 15,795
Commuter Rail Vehicles	\$ 115,333	\$ 56,006	49%	\$ 25,000	\$ 34,328	\$ 10,051	\$ 75,282	\$ 15,725	\$ 23,000	\$ 36,557
Subtotal	\$ 823,022	\$ 406,418	49%	\$ 108,934	\$ 307,671	\$ 234,663	\$ 486,656	\$ 145,674	\$ 93,527	\$ 239,452
Professional Services										
Project Development	\$ 8,306	\$ 6,123	74%	\$ -	\$ 2,183	\$ 7,953	\$ -	\$ -	\$ -	\$ -
Engineering	\$ 39,248	\$ 28,933	74%	\$ 4,000	\$ 6,314	\$ 33,700	\$ 5,548	\$ 12	\$ 1,446	\$ 4,090
Project Mgt for Design & Construction	\$ 36,422	\$ 26,422	73%	\$ 10,000	\$ -	\$ 30,271	\$ 6,151	\$ -	\$ 1,632	\$ 4,534
Construction Administration & Mgt	\$ 16,350	\$ 7,975	49%	\$ 8,375	\$ -	\$ 9,185	\$ 5,165	\$ -	\$ 1,780	\$ 3,807
Professional Liability/Non-Const Ins.	\$ 3,588	\$ 2,645	74%	\$ -	\$ 943	\$ 3,328	\$ 260	\$ 68	\$ -	\$ 192
Legal: permits, fees by other agencies	\$ 3,588	\$ 2,645	74%	\$ -	\$ 943	\$ 3,481	\$ 107	\$ 28	\$ -	\$ 79
Surveys, Testing, Investigation, Inspection	\$ 2,269	\$ 1,673	74%	\$ -	\$ 596	\$ -	\$ 1,230	\$ 323	\$ -	\$ 906
Start-up (Incl Railroad Agreements)	\$ 3,588	\$ 2,645	74%	\$ -	\$ 943	\$ -	\$ 1,615	\$ 424	\$ -	\$ 1,190
Professional Services Subtotal	\$ 113,359	\$ 79,062	70%	\$ 22,375	\$ 11,922	\$ 87,919	\$ 20,074	\$ 856	\$ 4,858	\$ 14,799
Contingency	69,662	34,320	-	8,375	26,967	-	-	-	-	-
Finance Charges	28,415	10,871	-	-	17,544	-	28,415	17,552	-	10,863
TEX Rail Total	1,034,458	530,671	51%	139,684	364,104	322,582	535,145	164,082	98,385	265,114
Grand Total - All Projects	\$ 1,143,420	\$ 553,486	48%	\$ 139,684	\$ 449,661	\$ 336,455	\$ 613,134	\$ 220,607	\$ 98,385	\$ 286,578

* The TEX Rail project budget is in year of expenditure dollars and matches the latest FTA project cost submittal.

Fort Worth Transportation Authority
 Fiscal 2018 Capital Budget

(Amounts in Thousands)

						Fiscal 2018				
Total Budget	Federal Share	Federal Funding %	Partner Share	Local Share	Cumulative Expenditures Projected thru 9/30/17	Projected Expenditures FY18	The T's Share	Partner Cont	Federal Funding	
TRE Grade Crossings										
<i>Precinct Line Road</i>										
Design & Construction	\$ 751	\$ 601	80%	\$ -	\$ 150	\$ 409	\$ 342	\$ 68	\$ -	\$ 274
Subtotal	751	601	80%	-	150	409	342	68	-	274
<i>Calloway & Tarrant Main Street</i>										
Signal & Gate Installation	610	488	80%	-	122	-	610	122	-	488
Subtotal	610	488	80%	-	122	-	610	122	-	488
<i>Other Crossings</i>										
Signal & Gate Installation , Design	100	80	80%	-	20	-	100	20	-	80
Subtotal	100	80	80%	-	20	-	100	20	-	80
TRE Grade Crossings Grand Total:	\$ 1,461	\$ 1,169	80%	\$ -	\$ 292	\$ 409	\$ 1,052	\$ 210	\$ -	\$ 842

Board of Directors Action Item

Item Number: BA2017-88

Meeting Date: August 28, 2017

Item Title: Bus Wash Facility Modifications

BACKGROUND

The procurement for a new Bus Wash System (BA2017-08) to provide better capabilities for cleaning transit vehicles was approved on November 21, 2017.

To accommodate the new system, we need to modify the existing bus wash bay area including removing an existing metal wall, installing a new concrete masonry unit wall, installing new access doors, cleaning and painting existing ceiling, walls, and floor, and installing new electrical and water lines. These modifications to the existing bus wash bay area will be completed in advance of installation of the new bus wash system, scheduled for early 2018.

INVITATION FOR BIDS (IFB)

In accordance with FWTA's Procurement Policy, Invitation for Bid (IFB 17-T041) for Bus Wash Facility Modifications was issued and advertised on the FWTA's web site. The IFB was issued to establish a contract for a firm to complete the work within 90 calendar days after the removal of the existing bus wash system and installation of a temporary bus wash system.

Three firms responded to the solicitation and complied with the bid requirements. Bid responses were received from:

CONTRACTOR	BASE BID AMOUNT
RD Howard, LLC	\$192,054
Mark IV	\$371,494
MART, Inc.	\$399,218

RD Howard, LLC submitted the lowest responsive, responsible and complete bid and is a certified DBE firm.

FINANCING

Funds are available in FWTA's FY2017 Capital Budget to finance this contract.

Meeting Date: August 28, 2017
Item Number: BA2017-88
Page: 2
Item Title: Bus Wash Facility Modifications



PROCUREMENT

The FWTAs Procurement Department has followed procurement policy with the Invitation for Bid and is in compliance with all applicable Federal, State, and the FWTAs procurement requirements.

RECOMMENDATION

The Finance & Audit Committee recommends that the FWTAs Board of Directors authorize the President/Chief Executive Officer to enter into a contract with RD Howard, LLC for the bus wash facility modifications at a cost of \$192,054, plus a contingency of 30% (\$57,616) to accommodate any potential unforeseen requirements, for a total cost not-to-exceed \$249,670.



Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-89

Meeting Date: August 28, 2017

Item Title: CNG Station Upgrade

BACKGROUND

The Fort Worth Transportation Authority (FWTA) operates a Compressed Natural Gas (CNG) fleet of approximately 200 CNG vehicles, including buses, paratransit and support vehicles and a CNG fueling station. Fueling is provided with natural gas, processed on site using 4 in-line compressors and 1 reserve unit which supplies 6 dual-hose CNG dispensers. Four compressors are 5-stage units and 1 is a 4-stage unit compressor.

During 2017 and early 2018, a new high-pressure gas supply line will be installed to FWTA's site to replace the existing 25 psi supply line. The new line will be supplied by SiEnergy as approved by the Board in January, 2017 (BA2017-28), and will provide pressure up to 600 psi.

We are seeking to upgrade the aging CNG fueling station and equipment to make the most use of the new high pressure supply line. Three units will be switched from gas-powered compressors to electric-drive compressors for the primary units in operation, upgrade the CNG dryer and replace all 6 of the fuel dispensers. An option need is also included to replace the two remaining units with new gas-powered compressors. Existing equipment will be removed by the contractor and salvaged for a value to be determined and provided to FWTA when sold.

The high-pressure CNG line and proposed new fueling equipment will enable us to fuel our vehicles faster and reduce our labor cost. Currently, each of our 150-bus fleet requires fueling every night.

REQUEST FOR PROPOSAL (RFP)

In accordance with FWTA's Procurement Policy, a Request for Proposal (RFP #17-T030) for a CNG Station Upgrade was issued and advertised on the FWTA's web site. The RFP sought proposals for a turnkey solution to upgrade the CNG fueling station to make the most use of the new high pressure supply line and to update aging equipment for a more efficient system.

Six firms submitted proposals that were responsive, responsible, and complied with the solicitation requirements. Proposals were received from American Fueling System, Clean Energy, ET Energy, Trillium CNG, TruStar Energy CNG and Zeit Energy. An Evaluation Committee evaluated the proposals in accordance with the RFP established evaluation criteria.

Meeting Date: August 28, 2017
Item Number: BA2017-89
Page: 2
Item Title: CNG Station Upgrade



Trillium, CNG was selected as the proposer with the highest overall score and commits to meet or exceed the established 10% DBE goal.

FINANCING

Funds are available in the FY2017 capital budget to finance this project.

PROCUREMENT

The FWTAs Procurement Department has followed procurement policy with the Request for Proposal and is in compliance with all applicable federal, state, and the FWTAs procurement requirements.

RECOMMENDATION

The Finance and Audit Committee recommends that the FWTAs Board of Directors authorize the President/Chief Executive Officer to enter into a contract agreement with Trillium, CNG for a turnkey solution to upgrade the CNG Fueling Station, which includes Option 1 for new gas-powered compressor replacements, for a cost of \$3,495,000 plus a contingency of 10% (\$349,500) to cover any unforeseen expenses, for a total cost not-to-exceed \$3,844,500 for the term of the contract.



Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-90

Meeting Date: August 28, 2017

Item Title: 60ft CNG Articulated Transit Buses

BACKGROUND

The Fort Worth Transportation Authority (FWTA) currently has eight 60-foot articulated buses that were purchased in 2009 (ECA 2009-078.) With a continued commitment to quality customer service and to meet increasing demands, there is a need for additional 60-foot CNG Articulated buses that will improve bus service expansion and enhance the bus service routes and capabilities

REQUEST FOR PROPOSAL (RFP)

In accordance with FWTA's Procurement Policy, Request for Proposal (RFP 17-T007) for Heavy Duty Transit Buses was issued and advertised on the FWTA's web site. The RFP was issued to establish a contract for a firm to provide 60-foot articulated buses that are low emission vehicles and meet Environmental Protection Agency (EPA) requirements. The proposal also included options to purchase additional buses over the five-year term of the contract.

One firm, New Flyer of America, Inc., responded to the solicitation and complied with the proposal requirements. Other companies responded that they were not able to provide a proposal response, as they do not provide the type of CNG bus that meets the required size specifications.

The single response was reviewed and a cost analysis was done to review the proposed cost and compare to the previous purchase done in 2009. It was determined that the cost proposed is fair and reasonable, based on current material and labor costs.

Cost per Bus	Quantity	FY	Total Cost
\$816,519	6 Each	2019	\$4,899,114
\$816,519	Optional 40 Each	2020- 2022	

FINANCING

Funds are available in FWTA's FY2018 Capital Budget to finance this contract.

Meeting Date: August 28, 2017
Item Number: BA2017-90
Page: 2
Item Title: 60ft CNG Articulated Transit Buses

PROCUREMENT

The FWTA's Procurement Department has followed procurement policy with the Request for Proposal and is in compliance with all applicable Federal, State, and the FWTA procurement requirements.

New Flyer of America, Inc. has complied with the requirements of 49 CFR 26.49, which is the Disadvantaged Business Enterprise (DBE) goal setting requirement for transit vehicle manufacturers. Transit vehicle manufacturers are required by the Federal Transit Administration (FTA) to establish and submit, for FTA approval, an annual overall DBE percentage goal. The FTA has approved a 4.10% overall annual DBE goal for New Flyer of America, Inc.

RECOMMENDATION

The Finance & Audit Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to enter into a contract with New Flyer of America, Inc., for six (6) articulated buses at a cost of \$816,519 each, plus a contingency of 5% (\$244,955.70) to cover any unforeseen expenses during production phase of the procurement for a total cost not-to-exceed \$5,144,069.70. Approval for additional optional buses will be requested as purchases are executed for future years.

Disposition by Board of Directors

Secretary Approval: _____ Date: _____

Board of Directors Action Item

Item Number: BA2017-91

Meeting Date: August 28, 2017

Item Title: Transit Bus and Van Batteries

BACKGROUND

The Fort Worth Transportation Authority's (FWTA) Maintenance Department regularly uses maintenance-free batteries for all transit coaches, paratransit vans, staff vehicles and service trucks. The batteries have high usage due to extensive electrical demands on transit equipment. We have contracted for a two-year agreement with a service provider that has the capability to meet the demands for a quality product at a competitive price that ensures reliable service and availability.

REQUEST FOR PROPOSAL

In accordance with FWTA's Procurement Policy, Invitation for Bid (IFB 17-T050) for Transit Bus and Van Batteries was issued and advertised on the FWTA's web site. The IFB was issued to establish a contract for a firm to provide maintenance-free batteries as required, for a contract period of two years.

Three firms responded to the solicitation and complied with the bid requirements. Bid responses are:

Supplier	Total Bid
Metroplex Battery	\$ 97,547.00
Ken Owens Battery	\$ 97,837.50
Safeguard Technologies, LLC	\$546,050.00

Metroplex Battery submitted the lowest responsive, responsible and complete bid.


FINANCING

The cost for a two-year contract is \$97,547.00. Funds are available in FWTA's FY2017 Operating Budget to finance this contract. Funds for the remainder of the contract term will be included in the respective proposed budget.

PROCUREMENT

The FWTA's Procurement Department has followed procurement policy with the Invitation for Bid and is in compliance with all applicable Federal, State, and the FWTA procurement requirements.

Meeting Date: August 28, 2017
Item Number: BA2017-91
Page: 2
Item Title: Transit Bus and Van Batteries



RECOMMENDATION

The Finance & Audit Committee recommends that the FWTA's Board of Directors authorize the President/Chief Executive Officer to enter into a two-year contract term with Metroplex Battery for the purchase of bus and van batteries for a total cost not-to-exceed \$97,547.



Disposition by Board of Directors

Secretary Approval: _____ Date: _____

A Resolution

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE
FORT WORTH TRANSPORTATION AUTHORITY**

(R2017-11)

Release Related to TEXRail from the Fort Worth Transportation Authority regarding DART's Declaration of Sale of Surplus Property Rights Located at Hudgins Street in Grapevine, Texas to the City of Grapevine

WHEREAS, in December 1990, DART acquired former St. Louis Southwestern Railway Company assets known as the Cotton Belt; and

WHEREAS, on May 28, 2013 the DART Board approved a Transportation Access Agreement and Easement ("the Access Agreement") with Fort Worth Transportation Authority for their use of the Cotton Belt corridor west of DFW and north of Tower 60, and FWTA and DART executed this Access Agreement on December 17, 2015; and

WHEREAS, on December 14, 2016, DART received a request from the City of Grapevine for the purchase of a parcel of land for the operation of the Grapevine Vintage Railroad; and

WHEREAS, the parcel considered for sale is contained within DART's Cotton Belt corridor, which is subject to the Transportation Access Agreement and Easement executed between FWTA and DART on December 17, 2017, allowing FWTA to develop TEXRail on the Cotton Belt; and

WHEREAS, accordingly, the Access Agreement will need to be amended by FWTA and DART to release this parcel from the Access Agreement; and

WHEREAS, on February 10, 2017, FWTA indicated no objection to DART conveying the parcel to the City of Grapevine; and

WHEREAS, it has been determined that this sale will not interfere with the efficient operation and maintenance of the transit system and the property is surplus to DART's needs and is not needed for development, operation, or maintenance of the transit system; and

WHEREAS, after review of the proposed sale and the recommendation of the President/Chief Executive Officer, the Board desires to approve the release of the parcel to the City of Grapevine; and

NOW, THEREFORE, BE IT RESOLVED by the Fort Worth Transportation Authority's Board of Directors that:

- Section 1: That FWTA interests in and to the subject parcel, fully illustrated and described in Exhibit 1 are hereby released to the City of Grapevine.
- Section 2: The Access Agreement will need to be amended by FWTA and DART to release this parcel from the Access Agreement; and
- Section 3: The President/Chief Executive Officer is authorized to take such action and execute such documents as shall be necessary to convey the subject parcel to the City of Grapevine.

A Resolution

ADOPTED by the Fort Worth Transportation Authority Board of Directors on this, the 28th day of August, A.D. 2017.

Scott Mahaffey
Chair

Jon Michael Franks
Secretary

