

Memorandum



CITY OF DALLAS

DATE 22 August 2014

TO The Honorable Members of the Transportation and Trinity River Project Committee:
Vonciel Jones Hill (Chair), Lee Kleinman (Vice Chair), Deputy Mayor Pro Tem Monica Alonzo,
Mayor Pro Tem Tennell Atkins, Sandy Greyson, and Sheffie Kadane

SUBJECT **Levee Drainage System – Sump A Improvements, also known as Able Pump Station**

Trinity Watershed Management is seeking your consideration and support for Council approval on 27 August 2014 for a collection of six contracts related to the construction of Levee Drainage System Sump A Improvements, also known as the Able Pump Station, which is part of both the 2006 and 2012 Bond Programs. The 2006 Bond Program funded the design effort, and the 2012 Bond Program funds the majority of the six construction related items listed below.

The Able Pump Station, located on the south side of Riverfront Boulevard between the Houston and Jefferson Street viaducts, is designed to provide 100-year flood protection to approximately three square miles, including 171 acres of highly desirable land for development in the Cedars. The sump complex includes nine separate and interconnected ponds that store stormwater, and two existing pump stations, constructed in the 1930s and 1950s with a current combined capacity of 220,000 gallons per minute.

The properties adjacent to the Able sump complex are subject to frequent flooding. To help prevent the loss of life as a result of flooding, the new Able Pump Station is designed to increase by the pumping capacity nearly fourfold to 875,000 gallons per minute. It will lower the 100-year flood elevation from 399.0 to a design elevation of 392.5 feet. Construction is expected to begin in September 2014 and will last three years. When the new pump station is operational, the existing pump stations will be decommissioned.

Since the Able Pump Station involves the levee system and the Trinity River floodway, the United States Army Corps of Engineers ["USACE"] has been an active participant in this project. USACE has been involved in the plan review for the design of the pump station and the Section 408 Permit.

To move forward with construction, the following six items are included in the City Council 27 August 2014 Agenda. These are:

48. Authorize a construction management contract with Jacobs Engineering Group, Inc., in the amount not to exceed \$2,951,871. Jacobs Engineering was selected based on their relevant experience in providing this service. The construction management team will serve as an extension of staff to provide expertise for the management of complex construction activities including project delivery, coordination with adjacent high profile projects, risk reduction, inspection, progress meetings, scheduling and issue resolution.
49. Authorize a contract with BAR Constructors, Inc. for construction of the project in the amount not to exceed \$68,275,000. BAR Constructors, Inc. was the lowest responsive bidder of seven for the construction of Able Pump Station. The 2012 Bond Program funds \$68,192,000 and the remaining \$68,275 is funded by the Dallas Water Utilities Capital Improvement Fund.

22 August 2014

Levee Drainage System – Sump A Improvements

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50. Authorize a professional services contract with Kleinfelder Central, Inc. to provide construction material testing during construction of Able Pump Station in the amount not to exceed \$378,812. Construction material testing provides assurance for the City that the construction quality meets or exceeds the requirements of the plans and specifications and is necessary for compliance with design standards.

51. Authorize a Facilities Extension Agreement contract with Oncor Electric Delivery Company, LLC, to provide standard delivery system facilities and an alternate feed for electrical power for Able Pump Station as required by the USACE for flood fighting emergencies in the amount not to exceed \$1,889,415. The alternate power feed provides redundant back up power in the event that the primary power feed is interrupted during a flood to ensure public safety.

52. Authorize Supplemental Agreement No. 1 to a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC., in the amount not to exceed \$116,862, for additional costs related to the relocation of an existing 138 kilovolt electric transmission tower. The location of the existing tower conflicts with the overall project and restricts intended flood fighting operation and must be relocated to allow for proper functioning of Able Pump Station.

53. Authorize Supplemental Agreement No. 4 to the professional services contract with HDR Engineering, Inc., for design support services during construction of Able Pump Station in the amount not to exceed \$1,601,730. It is necessary for the design engineer of record to provide services during construction related to their design including submittal review, answering design questions and attend required jobsite meetings.

Please let me know if you have questions or need additional information.



Jill A. Jordan, P.E.
Assistant City Manager

c: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager
Forest E. Turner, Assistant City Manager

Joey Zapata, Assistant City Manager
Charles M. Cato, (I) Assistant City Manager
Theresa O'Donnell, (I) Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council

KEY FOCUS AREA: Economic Vibrancy
AGENDA DATE: August 27, 2014
COUNCIL DISTRICT(S): All
DEPARTMENT: Trinity Watershed Management
CMO: Jill A. Jordan, P.E., 670-5299
MAPSCO: Citywide

SUBJECT

Authorize a professional services contract with Jacobs Engineering Group, Inc., for construction management services during construction of the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station – Not to exceed \$2,951,871 – Financing: General Obligation Commercial Paper Funds

BACKGROUND

The 2006 and 2012 Bond Programs include design and construction funding for Levee Drainage System Improvements - Sump A, also referred to as Able Pump Station, which will be located along the south side of Riverfront Boulevard, between the Houston and Jefferson Street viaducts. On November 10, 2008, City Council authorized a professional services contract with HDR Engineering, Inc., to design the Able Pump Station. The project protects nearby properties from frequent flooding and prevents loss of life. Able Pump Station also provides 100-year flood protection to over three square miles, including 171 acres of highly developable land. The new Able Pump Station replaces the two existing 1930s and 1950s Able facilities combined pumping capacity of 220,000 gallons per minute and expands the pumping capacity to 875,000 gallons per minute.

Construction for the Able Pump Station is scheduled to begin September 2014. This project requires specialized construction management due to the complexity of the pump station design and the construction. In addition, the construction manager will serve as an extension of City staff and will also facilitate coordination with the Texas Department of Transportation and Dallas County due to the close vicinity of the Horseshoe Project and the Riverfront Boulevard Project. This action will authorize a professional services contract with Jacobs Engineering Group, Inc., who will serve as the City's construction manager, providing management, oversight and field inspection for the administration, and coordination during the construction of Able Pump Station.

ESTIMATED SCHEDULE OF PROJECT

Begin Construction September 2014
Complete Construction September 2017

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

Briefed the Trinity River Corridor Project Committee on Levee Drainage System - Sump A (Able Pump Station) on August 5, 2008.

Authorized a professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System - Sump A Improvements on November 10, 2008, by Resolution No. 08-3133.

Briefed the Trinity River Corridor Project Committee on Interior Drainage System – Pump Station Updates on January 18, 2011.

Authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System – Sump A Improvements on April 13, 2011, by Resolution No. 11-0961.

Authorized a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC. to relocate an existing 138 kilovolt electric transmission on Oncor’s East Levee-West Industrial Line on February 12, 2014, by Resolution No. 14-0336.

FISCAL INFORMATION

2012 Bond Program (General Obligation Commercial Paper Funds) - \$2,951,871.00

M/WBE INFORMATION

See attached.

ETHNIC COMPOSITION

Jacobs Engineering Group, Inc.

Hispanic Female	14	Hispanic Male	15
African-American Female	6	African-American Male	6
Other Female	5	Other Male	18
White Female	37	White Male	134

OWNER(S)

Jacobs Engineering Group, Inc.

Peter Magallones, Vice President

BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

PROJECT: Authorize a professional services contract with Jacobs Engineering Group, Inc., for construction management services during construction of the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station – Not to exceed \$2,951,871 – Financing: General Obligation Commercial Paper Funds

Jacobs Engineering Group, Inc. is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractors.

PROJECT CATEGORY: Architecture & Engineering

LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$794,784.00	26.92%
Total non-local contracts	\$2,157,087.00	73.08%
TOTAL CONTRACT	\$2,951,871.00	100.00%

LOCAL/NON-LOCAL M/WBE PARTICIPATION

Local Contractors / Sub-Contractors

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
APM & Associates, Inc.	BMMB61731Y0516	\$365,184.00	45.95%
Word Wizards	WFDB61493Y0415	\$429,600.00	54.05%
Total Minority - Local		\$794,784.00	100.00%

Non-Local Contractors / Sub-Contractors

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Dal-Tech Engineering, Inc.	WFWB59510Y1214	\$20,000.00	0.93%
Total Minority - Non-local		\$20,000.00	0.93%

TOTAL M/WBE CONTRACT PARTICIPATION

	<u>Local</u>	<u>Percent</u>	<u>Local & Non-Local</u>	<u>Percent</u>
African American	\$365,184.00	45.95%	\$365,184.00	12.37%
Hispanic American	\$0.00	0.00%	\$0.00	0.00%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$429,600.00	54.05%	\$449,600.00	15.23%
Total	\$794,784.00	100.00%	\$814,784.00	27.60%

August 27, 2014

WHEREAS, on November 10, 2008, by Resolution No. 08-3133, authorized a professional services contract with HDR Engineering, Inc. to provide engineering design of major flood management and pump station improvement projects included in the 2006 Bond Program; and,

WHEREAS, on April 13, 2011, Resolution No. 11-0961 authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements, also referred to as Able Pump Station, to add items associated with the sump improvements and to comply with the Federal Emergency Management Agency's redundancy requirements; and,

WHEREAS, on January 10, 2014, Administrative Action No. 14-5250 authorized Supplemental Agreement No. 2 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with recommendations made by the United States Army Corps of Engineers and the Texas Parks and Wildlife Department; and,

WHEREAS, on March 13, 2014, Trinity Watershed Management received Statement of Qualifications for the construction management services for the Levee Drainage System – Sump A Improvements; and,

WHEREAS, on June 5, 2014, Administrative Action No. 14-6047 authorized Supplemental Agreement No. 3 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with the adoption of the 2012 International Building Code and additional items required by Dallas Water Utilities; and,

WHEREAS, on July 3, 2014, Jacobs Engineering Group, Inc. was selected for the construction management services for the Levee Drainage System – Sump A Improvements; and

WHEREAS, it is now necessary to authorize a professional services contract with Jacobs Engineering Group, Inc., for construction management services during construction.

August 27, 2014

Now, Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

Section 1. That the City Manager is hereby authorized to enter into a contract with Jacobs Engineering Group, Inc. for construction management services of the Levee Drainage System – Sump A, also referred to as the Able Pump Station, in an amount not to exceed \$2,951,871.00, after it has been approved as to form by the City Attorney.

Section 2. That the City Controller is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund	
Fund 2U23, Department TWM, Unit S768, Act. FLDM	
Obj. 4111, Program # TW12S768, CT TWM12S768K3	
Vendor #VC0000011280, in an amount not to exceed	\$2,951,871.00

Section 3. That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

KEY FOCUS AREA: Economic Vibrancy
AGENDA DATE: August 27, 2014
COUNCIL DISTRICT(S): All
DEPARTMENT: Trinity Watershed Management
CMO: Jill A. Jordan, P.E., 670-5299
MAPSCO: Citywide

SUBJECT

Able No. 3 Stormwater Pump Station

- * Authorize a construction contract with BAR Constructors, Inc., lowest responsible bidder of seven, for construction of the Levee Drainage System - Sump A, also referred to as the Able Pump Station - Not to exceed \$68,275,000 - Financing: General Obligation Commercial Paper Funds (\$68,192,000) and Water Utilities Capital Improvement Funds (\$83,000)
- * Authorize a professional services contract with Kleinfelder Central, Inc. to provide construction material testing during construction of the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station - Not to exceed \$378,812 - Financing: General Obligation Commercial Paper Funds

BACKGROUND

The 2006 and 2012 Bond Programs include design and construction funding for Levee Drainage System - Sump A Improvements, also referred to Able Pump Station, which will be located along the south side of Riverfront Boulevard, between the Houston and Jefferson Street viaducts. On November 10, 2008, City Council authorized a professional services contract with HDR Engineering, Inc., to design the Able Pump Station. The project protects nearby properties from frequent flooding and prevents loss of life. Able Pump Station also provides 100-year flood protection to over three square miles, including 171 acres of highly developable land. The Able Pump Station replaces the two existing 1930s and 1950s Able facilities combined pumping capacity of 220,000 gallons per minute and expands the pumping capacity to 875,000 gallons per minute.

BACKGROUND (Continued)

Construction for Able Pump Station is scheduled to begin this September. This action will authorize a contract with BAR Constructors, Inc., lowest responsive bidder of seven, to construct the new Able Pump Station and decommission the two existing obsolete pump stations. This action will also authorize Kleinfelder Central, Inc. to provide the construction material testing services. The construction material testing services was previously performed by a master agreement which no longer exists. Therefore, a separate agreement is now required for this project.

ESTIMATED SCHEDULE OF PROJECT

Begin Construction	September 2014
Complete Construction	September 2017

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

Briefed the Trinity River Corridor Project Committee on Levee Drainage System - Sump A (Able Pump Station) on August 5, 2008.

Authorized a professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System - Sump A Improvements on November 10, 2008, by Resolution No. 08-3133.

Briefed the Trinity River Corridor Project Committee on Interior Drainage System - Pump Station Updates on January 18, 2011.

Authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System - Sump A Improvements on April 13, 2011, by Resolution No. 11-0961.

Authorized a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC. to relocate an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial Line on February 12, 2014, by Resolution No. 14-0336.

FISCAL INFORMATION

General Obligation Commercial Paper Funds (2012 Bond Program) - \$68,570,812.00
Water Utilities Capital Improvement Funds - \$83,000.00

Construction - TWM	\$68,192,000.00
Water & Wastewater - DWU	\$ 83,000.00
Material Testing	<u>\$ 378,812.00</u>
Total Project Cost	\$68,653,812.00

M/WBE INFORMATION

See attached.

ETHNIC COMPOSITION

BAR Constructors, Inc.

Hispanic Female	3	Hispanic Male	103
African-American Female	0	African-American Male	0
Other Female	0	Other Male	0
White Female	5	White Male	17

Kleinfelder Central, Inc.

Hispanic Female	34	Hispanic Male	79
African-American Female	27	African-American Male	22
Other Female	40	Other Male	63
White Female	426	White Male	1,042

BID INFORMATION

The following bids with quotes were received and opened on July 17, 2014

*Denotes successful bidder

BIDDERS

BID AMOUNT

*BAR Constructors, Inc. 805 Katy Street Lancaster, TX 75146	\$68,275,000.00
Webber, LLC	\$69,234,024.00
PC Construction	\$76,610,000.00
Archer Western	\$77,339,050.00
PCL Construction, Inc.	\$77,743,284.00
Cardinal Contractors, Inc.	\$78,263,200.00
Fru-Con	\$82,400,000.00

OWNERS

BAR Constructors, Inc.

Isidro Arrambide, Jr., President

Kleinfelder Central, Inc.

Aaron Cotton, Jr., Senior Project Manager

BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

PROJECT: Authorize a construction contract with BAR Constructors, Inc., lowest responsible bidder of seven, for construction of the Levee Drainage System - Sump A, also referred to as the Able Pump Station - Not to exceed \$68,275,000 - Financing: General Obligation Commercial Paper Funds (\$68,192,000) and Water Utilities Capital Improvement Funds (\$83,000)

BAR Constructors, Inc., is a local, minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractors.

PROJECT CATEGORY: Construction

LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$34,751,737.00	50.90%
Total non-local contracts	\$33,523,263.00	49.10%
TOTAL CONTRACT	\$68,275,000.00	100.00%

LOCAL/NON-LOCAL M/WBE PARTICIPATION

Local Contractors / Sub-Contractors

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
DFW Aggregates, LLC	HFMB60208N0215	\$200,000.00	0.58%
BAR Constructors, Inc.	HMMB58710Y0914	\$27,610,298.00	79.45%
A-Star Masonry and Stucco, LLC	HMDB61707Y0515	\$762,740.00	2.19%
Fraire's Rebar, Inc.	HMDB62446Y0715	\$575,000.00	1.65%
Berbice Corporation	IMDFW145310115	\$689,743.00	1.98%
QN Management Solutions, Inc.	PMDB62148Y0615	\$10,000.00	0.03%
ALL-Tex Pipe & Supply, Inc.	WFWB60219N0215	\$5,000.00	0.01%
Ram Tool & Supply Company, Inc.	WFWB61372N0416	\$5,000.00	0.01%
Total Minority - Local		\$29,857,781.00	85.92%

Non-Local Contractors / Sub-Contractors

<u>Non-local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Partering For Success, Inc.	HFMB61772Y0516	\$10,000.00	0.03%
MMG Building Services & Construction Services LLC	WFWB62284N0616	\$15,000.00	0.04%
Brock Environmental Services, LLC	WFWB61711Y0516	\$1,000.00	0.00%
Total Minority - Non-local		\$26,000.00	0.08%

TOTAL M/WBE CONTRACT PARTICIPATION

	<u>Local</u>	<u>Percent</u>	<u>Local & Non-Local</u>	<u>Percent</u>
African American	\$0.00	0.00%	\$0.00	0.00%
Hispanic American	\$29,148,038.00	83.88%	\$29,158,038.00	42.71%
Asian American	\$699,743.00	2.01%	\$699,743.00	1.02%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$10,000.00	0.03%	\$26,000.00	0.04%
Total	\$29,857,781.00	85.92%	\$29,883,781.00	43.77%

BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

PROJECT: Authorize a professional services contract with Kleinfelder Central, Inc. to provide construction material testing during construction of the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station - Not to exceed \$378,812 - Financing: General Obligation Commercial Paper Funds

Kleinfelder Central, Inc. is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractor.

PROJECT CATEGORY: Other Services

LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Total local contracts	\$378,812.00	100.00%
Total non-local contracts	\$0.00	0.00%
TOTAL CONTRACT	\$378,812.00	100.00%

LOCAL/NON-LOCAL M/WBE PARTICIPATION

Local Contractors / Sub-Contractors

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Alliance Geotechnical Group	BMDB59500Y1214	\$94,703.00	25.00%
Total Minority - Local		\$94,703.00	25.00%

Non-Local Contractors / Sub-Contractors

None

TOTAL M/WBE CONTRACT PARTICIPATION

	<u>Local</u>	<u>Percent</u>	<u>Local & Non-Local</u>	<u>Percent</u>
African American	\$94,703.00	25.00%	\$94,703.00	25.00%
Hispanic American	\$0.00	0.00%	\$0.00	0.00%
Asian American	\$0.00	0.00%	\$0.00	0.00%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$0.00	0.00%	\$0.00	0.00%
Total	\$94,703.00	25.00%	\$94,703.00	25.00%

August 27, 2014

WHEREAS, on November 10, 2008, Resolution No. 08-3133, authorized a professional services contract with HDR Engineering, Inc. to provide engineering design of major flood management and pump station improvement projects included in the 2006 Bond Program; and,

WHEREAS, on April 13, 2011, Resolution No. 11-0961 authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements, also referred to as Able Pump Station, to add items associated with the sump improvements and to comply with the Federal Emergency Management Agency’s redundancy requirements; and,

WHEREAS, on January 10, 2014, Administrative Action No. 14-5250 authorized Supplemental Agreement No. 2 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with recommendations made by the United States Army Corps of Engineers and the Texas Parks and Wildlife Department; and,

WHEREAS, on June 5, 2014, Administrative Action No. 14-6047 authorized Supplemental Agreement No. 3 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with the adoption of the 2012 International Building Code and additional items required by Dallas Water Utilities; and,

WHEREAS, bids were received on July 17, 2014, for the construction of the Levee Drainage System – Sump A Improvements as follows:

<u>BIDDERS</u>	<u>BID AMOUNT</u>
BAR Constructors, Inc.	\$68,275,000.00
Webber, LLC	\$69,234,024.00
PC Construction	\$76,610,000.00
Archer Western	\$77,339,050.00
PCL Construction, Inc.	\$77,743,284.00
Cardinal Contractors, Inc.	\$78,263,200.00
Fru-Con	\$82,400,000.00

August 27, 2014

Now, Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

Section 1. That the City Manager is hereby authorized to enter into a contract with BAR Constructors, Inc., the construction of Levee Drainage System – Sump A Improvements in an amount not to exceed \$68,275,000, this being the lowest responsive bid as indicated by the tabulation of bids, after it has been approved as to form by the City Attorney.

Section 2. That the City Controller is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund Fund 2U23, Department TWM, Unit S768, Act. FLDM Obj. 4540, Program # TW12S768, CT TWM12S768K1 Vendor #125824, in an amount not to exceed	\$68,192,000.00
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Water Utilities Capital Improvements Fund Fund 2115, Department DWU, Unit PW42, Commodity 91200 Obj. 4550, Program # 714391, CT DWU714391CP Vendor #125824, in an amount not to exceed	<u>\$83,000.00</u>
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Total amount not to exceed	\$68,275,000.00
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Section 3. That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas and it is accordingly so resolved.

August 27, 2014

WHEREAS, it is now necessary to authorize a professional services contract with Kleinfelder Central, Inc. to provide construction material testing during the construction of the Levee Drainage System – Sump A Improvements.

Now, Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

Section 1. That the City Manager is hereby authorized to execute a professional services contract with Kleinfelder Central, Inc. to provide construction material testing during construction of the Levee Drainage System – Sump A in an amount not to exceed \$378,812.00, after it has been approved as to form by the City Attorney.

Section 2. That the City Controller is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund
Fund 2U23, Department TWM, Unit S768, Act. FLDM
Obj. 4113, Program # TW12S768, CT TWM12S768K4
Vendor #041746, in an amount not to exceed \$378,812.00

Section 3. That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas and it is accordingly so resolved.

AGENDA ITEM # 51

KEY FOCUS AREA: Economic Vibrancy
AGENDA DATE: August 27, 2014
COUNCIL DISTRICT(S): All
DEPARTMENT: Trinity Watershed Management
CMO: Jill A. Jordan, P.E., 670-5299
MAPSCO: Citywide

SUBJECT

Authorize a Facilities Extension Agreement contract with Oncor Electric Delivery Company, LLC., to provide extension of standard delivery system facilities and an alternate feed for electrical power to the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station - Not to exceed \$1,889,415 - Financing: General Obligation Commercial Paper Funds

BACKGROUND

The 2006 and 2012 Bond Programs include design and construction funding for the Levee Drainage System - Sump A Improvements, also referred to as Able Pump Station, which will be located along the south side of Riverfront Boulevard, between the Houston and Jefferson Street viaducts. On November 10, 2008, City Council authorized a professional services contract with HDR Engineering, Inc., to design the Able Pump Station. The project protects nearby properties from frequent flooding and prevents loss of life. The Able Pump Station also provides 100-year flood protection to over three square miles, including 171 acres of highly developable land. The Able Pump Station replaces the existing 1930s and the 1950s Able facilities combined pumping capacity of 220,000 gallons per minute and expands the pumping capacity to 875,000 gallons per minute. Design of the new pump station is currently complete, and construction is planned to begin in September 2014.

BACKGROUND (Continued)

Able Pump Station is designed to have a back up feed of electrical power sources in the event that the primary electrical source is interrupted. A secondary independent back up dual feed power supply from Oncor providing continuous electric supply to operate this critical pump station is required by the United States Army Corp of Engineers (USACE) to continue flood protection and ensure safety to the public in the case of primary power failure. The dual power provides an automatic switchover to a backup power supply in the event the primary power is lost during a flood. The secondary independent power feed enables the City of Dallas Flood Control to continue pumping flood waters into the Trinity River, preventing loss of life and any unnecessary damage to the adjacent properties in the area. This action authorizes Oncor to construct the necessary facilities and infrastructure to provide extension of standard delivery system facilities and an alternate feed for independent dual feed power supply to the Able Pump Station.

ESTIMATED SCHEDULE OF PROJECT

Begin Construction	September 2014
Complete Construction	September 2017

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

Briefed the Trinity River Corridor Project Committee on Levee Drainage System - Sump A (Able Pump Station) on August 5, 2008.

Authorized a professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System - Sump A Improvements on November 10, 2008, by Resolution No. 08-3133.

Briefed the Trinity River Corridor Project Committee on Interior Drainage System – Pump Station Updates on January 18, 2011.

Authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System – Sump A Improvements on April 13, 2011, by Resolution No. 11-0961.

Authorized a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC. to relocate an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial Line on February 12, 2014, by Resolution No. 14-0336.

FISCAL INFORMATION

2012 Bond Program (General Obligation Commercial Paper Funds) - \$1,889,414.53

OWNER(S)

Oncor Electric Delivery Company, LLC.

Bob Shapard, Chairman and Chief Executive Officer

August 27, 2014

WHEREAS, on November 10, 2008, Resolution No. 08-3133 authorized a professional services contract with HDR Engineering, Inc. to provide engineering design of major flood management and pump station improvement projects included in the 2006 Bond Program; and,

WHEREAS, on April 13, 2011, Resolution No. 11-0961 authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements, also referred to as Able Pump Station, to add items associated with the sump improvements and to comply with the Federal Emergency Management Agency's redundancy requirements; and,

WHEREAS, on January 10, 2014, Administrative Action No. 14-5250 authorized Supplemental Agreement No. 2 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with recommendations made by the United States Army Corps of Engineers and the Texas Parks and Wildlife Department; and,

WHEREAS, on June 5, 2014, Administrative Action No. 14-6047 authorized Supplemental Agreement No. 3 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with the adoption of the 2012 International Building Code and additional items required by Dallas Water Utilities; and,

WHEREAS, it is now necessary to authorize the Facilities Extension Agreement contract with Oncor Electric Delivery Company, LLC. for the extension of Standard Delivery System facilities and an alternate feed for each service.

Now, Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

Section 1. That the City Manager is hereby authorized to execute the Facilities Extension Agreement contract with Oncor Electric Delivery Company, LLC. for construction services for the extension of standard delivery system facilities and an alternate feed for each service for the Able Pump Station in an amount not to exceed \$1,889,414.53 after it has been approved as to form by the City Attorney.

August 27, 2014

Section 2. That the City Controller is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund	
Fund 2U23, Department TWM, Unit S768, Act. FLDM	
Obj. 4540, Program #TW12S768, CT TWM12S768K2	
Vendor #399181, in an amount not to exceed	\$1,889,414.53

Section 3. That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

KEY FOCUS AREA: Economic Vibrancy
AGENDA DATE: August 27, 2014
COUNCIL DISTRICT(S): All
DEPARTMENT: Trinity Watershed Management
CMO: Jill A. Jordan, P.E., 670-5299
MAPSCO: Citywide

SUBJECT

Authorize Supplemental Agreement No. 1 to a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC. for additional costs related to the relocation of an existing 138 kilovolt electric transmission tower on Oncor's East Levee-West Industrial Line for the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station – Not to exceed \$116,826, from \$273,174 to \$390,000 – Financing: General Obligation Commercial Paper Funds

BACKGROUND

The 2006 and 2012 Bond Programs include design and construction funding for the Levee Drainage System - Sump A Improvements, also referred to as the Able Pump Station, which will be located along the south side of Riverfront Boulevard, between the Houston and Jefferson Street viaducts. On November 10, 2008, City Council authorized a professional services contract with HDR Engineering, Inc., to design the Able Pump Station. The project protects nearby properties from frequent flooding and prevents loss of life. Able Pump Station also provides 100-year flood protection to over three square miles, including 171 acres of highly developable land. The Able Pump Station replaces the two existing 1930s and 1950s Able facilities combined pumping capacity of 220,000 gallons per minute and expands the pumping capacity of 875,000 gallons per minute.

Design of the new pump station is currently complete, and construction is planned to begin this September. Construction of the new pump station will necessitate the relocation of one of Oncor's 138 kilovolt electric transmission towers on Oncor's East Levee-West Industrial line, which runs along the East Levee of the Trinity River, in the vicinity of the Able Pump Station.

BACKGROUND (Continued)

Oncor's original construction bid for this work expired and it was necessary for Oncor to re-bid the work. The construction bids Oncor received were considerably higher to relocate the tower. This action will authorize Supplemental Agreement No. 1 to a Discretionary Service Agreement between the City and Oncor to relocate an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial line in conjunction with the Able Pump Station Improvements, increasing the amount by \$300,826, from \$273,174 to \$574,000.

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

Briefed the Trinity River Corridor Project Committee on Levee Drainage System - Sump A (Able Pump Station) on August 5, 2008.

Authorized a professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System - Sump A Improvements on November 10, 2008, by Resolution No. 08-3133.

Briefed the Trinity River Corridor Project Committee on Interior Drainage System – Pump Station Updates on January 18, 2011.

Authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System – Sump A Improvements on April 13, 2011, by Resolution No. 11-0961.

Authorized a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC. to relocate an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial Line on February 12, 2014, by Resolution No. 14-0336.

FISCAL INFORMATION

2012 Bond Program - (General Obligation Commercial Paper Funds) - \$116,826.00

Tower Relocation	\$273,174.00
Supplemental Agreement No. 1 (this action)	<u>\$116,826.00</u>
Total Project Cost	\$390,000.00

OWNER

Oncor Electric Delivery Company, LLC.

Bob Shapard, Chairman and Chief Executive Officer

August 27, 2014

WHEREAS, on November 10, 2008, Resolution No. 08-3133 authorized a professional services contract with HDR Engineering, Inc. to provide engineering design of major flood management and pump station improvement projects included in the 2006 Bond Program; and,

WHEREAS, on April 13, 2011, Resolution No. 11-0961 authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements, also referred to as Able Pump Station, to add items associated with the sump improvements and to comply with the Federal Emergency Management Agency's redundancy requirements; and,

WHEREAS, on January 10, 2014, Administrative Action No. 14-5250 authorized Supplemental Agreement No. 2 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with recommendations made by the United States Army Corps of Engineers and the Texas Parks and Wildlife Department; and,

WHEREAS, on February 12, 2014, Resolution No. 14-0336 authorized a Discretionary Service Agreement between the City and Oncor Electric Delivery Company LLC to relocate an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial line in conjunction with the Levee Drainage System – Sump A Improvements; and;

WHEREAS, on June 5, 2014, Administrative Action No. 14-6047 authorized Supplemental Agreement No. 3 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with the adoption of the 2012 International Building Code and additional items required by Dallas Water Utilities; and,

WHEREAS, it is now necessary to authorize Supplemental Agreement No. 1 to the Discretionary Service Agreement between the City and Oncor Electric Delivery Company LLC. for additional costs relating to the relocation of an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial line in conjunction with the Levee Drainage System – Sump A Improvements.

August 27, 2014

Now, Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

SECTION 1. That the City Manager is hereby authorized to execute Supplemental Agreement No. 1 to the Discretionary Service Agreement between the City and Oncor Electric Delivery Company LLC for additional costs related to the relocation of an existing 138 kilovolt electric transmission on Oncor's East Levee-West Industrial line in conjunction with the Levee Drainage System – Sump A Improvements in an amount not to exceed \$116,826.00, from \$273,174.00 to \$390,000.00, after it has been approved as to form by the City Attorney.

SECTION 2. That the City Controller is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund	
Fund 2U23, Agency TWM, Unit S768, Activity FLDM	
Object 4154, Program No. PB06T513, CT PBW06T513F1	
Vendor #255302, in an amount not to exceed	\$116,826.00

SECTION 3. That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.

KEY FOCUS AREA: Economic Vibrancy
AGENDA DATE: August 27, 2014
COUNCIL DISTRICT(S): All
DEPARTMENT: Trinity Watershed Management
CMO: Jill A. Jordan, P.E., 670-5299
MAPSCO: Citywide

SUBJECT

Authorize Supplemental Agreement No. 4 to the professional services contract with HDR Engineering, Inc., for design support services during construction of the Levee Drainage System – Sump A Improvements, also referred to as the Able Pump Station – Not to exceed \$1,601,730, from \$9,385,772 to \$10,987,502 – Financing: General Obligation Commercial Paper Funds

BACKGROUND

The 2006 and 2012 Bond Programs include design and construction funding for Able Pump Station, which will be located along the south side of Riverfront Boulevard, between the Houston and Jefferson Street viaducts. On November 10, 2008, City Council authorized a professional services contract with HDR Engineering, Inc., to design the Able Pump Station. The project protects nearby properties from frequent flooding and prevents loss of life. Able Pump Station also provides 100-year flood protection to over three square miles, including 171 acres of highly developable land. The Able Pump Station replaces the existing 1930s and 1950s Able facilities combined pumping capacity of 220,000 gallons per minute and expands the pumping capacity to 875,000 gallons per minute.

Construction for Able Pump Station is scheduled to begin this September. As the engineer of record, it is necessary to have HDR Engineering, Inc., to perform additional design services during construction, including submittal review, to ensure compliance with the contract documents and address any engineering design issues that may arise during construction. This action will authorize Supplemental Agreement No. 4 with HDR Engineering, Inc., for design support services during the construction of Able Pump Station.

ESTIMATED SCHEDULE OF PROJECT

Begin Construction	September 2014
Complete Construction	September 2017

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

Briefed the Trinity River Corridor Project Committee on Levee Drainage System - Sump A (Able Pump Station) on August 5, 2008.

Authorized a professional services contract with HDR Engineering, Inc. for design of the Levee Drainage System - Sump A Improvements on November 10, 2008, by Resolution No. 08-3133.

Briefed the Trinity River Corridor Project Committee on Interior Drainage System – Pump Station Updates on January 18, 2011.

Authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for design of the Levee Drainage System – Sump A Improvements on April 13, 2011, by Resolution No. 11-0961.

Authorized a Discretionary Service Agreement between the City and Oncor Electric Delivery Company, LLC. to relocate an existing 138 kilovolt electric transmission on Oncor’s East Levee-West Industrial Line on February 12, 2014 by Resolution No. 14-0336.

FISCAL INFORMATION

2012 Bond Program (General Obligation Commercial Paper Funds) - \$1,601,730.00

Design Contract (TWM)	\$ 4,333,000.00
Supplemental Agreement No. 1	\$ 5,052,772.00
Supplemental Agreement No. 2	\$ 0.00
Supplemental Agreement No. 3	\$ 0.00
Supplemental Agreement No. 4 (this action)	<u>\$ 1,601,730.00</u>
Total Project Cost	\$10,987,502.00

M/WBE INFORMATION

See attached.

ETHNIC COMPOSITION

HDR Engineering, Inc.

Hispanic Female	4	Hispanic Male	11
African-American Female	2	African-American Male	5
Other Female	5	Other Male	12
White Female	43	White Male	126

OWNER

HDR Engineering, Inc.

Ramon Miguez, P.E., Senior Vice President

BUSINESS INCLUSION AND DEVELOPMENT PLAN SUMMARY

PROJECT: Authorize Supplemental Agreement No. 4 to the professional services contract with HDR Engineering, Inc., for design support services during construction of the Levee Drainage System – Sump A Improvements, also referred to as the Able Pump Station – Not to exceed \$1,601,730, from \$9,385,772 to \$10,987,502 – Financing: General Obligation Commercial Paper Funds

HDR Engineering, Inc. is a local, non-minority firm, has signed the "Business Inclusion & Development" documentation, and proposes to use the following sub-contractors.

PROJECT CATEGORY: Professional Services

LOCAL/NON-LOCAL CONTRACT SUMMARY - THIS ACTION ONLY

	<u>Amount</u>	<u>Percent</u>
Local contracts	\$1,601,730.00	100.00%
Non-local contracts	\$0.00	0.00%
TOTAL THIS ACTION	\$1,601,730.00	100.00%

LOCAL/NON-LOCAL M/WBE PARTICIPATION THIS ACTION

Local Contractors / Sub-Contractors

<u>Local</u>	<u>Certification</u>	<u>Amount</u>	<u>Percent</u>
Technical Associates Services, Inc.	BMDB62618Y0715	\$10,560.00	0.66%
Urban Engineers Group, Inc.	HFDB62721Y0715	\$44,660.00	2.79%
GSR Andrade Architects, Inc.	HMSCT213030315	\$111,635.00	6.97%
Campos Engineering, Inc.	HMDB6004670215	\$22,145.00	1.38%
Gupta & Associates, Inc.	PMMB62419Y0716	\$211,331.00	13.19%
Caye Cook & Associates	WFWB62079Y0616	\$12,430.00	0.78%
Total Minority - Local		\$412,761.00	25.77%

Non-Local Contractors / Sub-Contractors

None

TOTAL M/WBE PARTICIPATION

	This Action		Participation to Date	
	<u>Amount</u>	<u>Percent</u>	<u>Amount</u>	<u>Percent</u>
African American	\$10,560.00	0.66%	\$660,560.00	6.01%
Hispanic American	\$178,440.00	11.14%	\$1,428,064.00	13.00%
Asian American	\$211,331.00	13.19%	\$819,331.00	7.46%
Native American	\$0.00	0.00%	\$0.00	0.00%
WBE	\$12,430.00	0.78%	\$262,318.00	2.39%
Total	\$412,761.00	25.77%	\$3,170,273.00	28.85%

August 27, 2014

WHEREAS, on November 10, 2008, Resolution No. 08-3133, authorized a professional services contract with HDR Engineering, Inc. to provide engineering design of major flood management and pump station improvement projects included in the 2006 Bond Program; and,

WHEREAS, on April 13, 2011, Resolution No. 11-0961 authorized Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements, also referred to as Able Pump Station, to add items associated with the sump improvements and to comply with the Federal Emergency Management Agency's redundancy requirements; and,

WHEREAS, on January 10, 2014, Administrative Action No. 14-5250 authorized Supplemental Agreement No. 2 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with recommendations made by the United States Army Corps of Engineers and the Texas Parks and Wildlife Department; and,

WHEREAS, on June 5, 2014, Administrative Action No. 14-6047 authorized Supplemental Agreement No. 3 to the professional services contract with HDR Engineering, Inc., for additional design services on the Levee Drainage System – Sump A Improvements to comply with the adoption of the 2012 International Building Code and additional items required by Dallas Water Utilities; and,

WHEREAS, it is now necessary to authorize Supplemental Agreement No. 4 to the professional services contract with HDR Engineering, Inc., for design support services during construction.

Now, Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

Section 1. That the City Manager is hereby authorized to execute Supplemental Agreement No. 4 to the contract with HDR Engineering, Inc., for design support services during construction of Levee Drainage System – Sump A Improvements in an amount not to exceed \$1,601,730.00, from \$9,385,772.00 to \$10,987,502.00 after it has been approved as to form by the City Attorney.

August 27, 2014

Section 2. That the City Controller is hereby authorized to disburse funds in accordance with the terms and conditions of the agreement from:

Flood Protection and Storm Drainage Facilities Fund
Fund 2U23, Department TWM, Unit S768, Act. FLDM
Obj. 4111, Program # PB06T513, CT PBW06T513B1
Vendor #181219, in an amount not to exceed \$1,601,730.00

Section 3. That this resolution shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so resolved.