

Agenda Information Sheet

File #: 19-307		Item #: 17.
STRATEGIC PRIORITY:	Quality of Life	
AGENDA DATE:	March 27, 2019	
COUNCIL DISTRICT(S):	8	
DEPARTMENT:	Department of Sanitation Services	
EXECUTIVE:	Joey Zapata	

<u>SUBJECT</u>

Authorize (1) an increase in the construction services contract with Hammett Excavation, Inc. for the construction of a 52-acre waste cell, 6B2 and 7 at the McCommas Bluff Landfill to provide revisions and deletions to the contract which have been necessitated by changes in the site conditions and identified through value engineering; and (2) an increase in appropriations in an amount not to exceed \$556,773.15 in the Sanitation Capital Improvement Fund - Not to exceed \$556,773.15, from \$5,126,866.33 to \$5,683,639.48 - Financing: Sanitation Capital Improvement Funds

BACKGROUND

The McCommas Bluff Landfill is a 2,048-acre property, of which 965 acres are permitted for waste disposal. As one cell is being filled, another is being planned and prepared for use. The Department of Sanitation Services utilizes a Capital Improvement Fund, supported by landfill revenues, to fund waste cell development projects. Current waste cells are estimated to reach capacity in June 2019, not including an additional 12+ months of cell capacity permitted for construction and demolition type debris in previously filled areas that now have capacity due to settlement. All new waste cells are constructed in accordance with state and federal regulations. This change order will allow contract revisions to accommodate changes in specific site conditions as outlined in Exhibit A. The 52-acre waste cell construction is currently projected to remain on schedule throughout the implementation of the proposed changes. The completion of this project will provide needed disposal capacity for the landfill's waste stream until approximately June 2023.

The site condition changes that resulted in the need for this change order stemmed from historic fall rainfall amounts during the construction of this project. The site has received over 40 inches of rain since excavation began in August of 2018 and over 27 inches of rain in September and October alone. As a result, increased resources were devoted to stormwater management, stormwater infrastructure maintenance and execution of emergency stormwater management plans. Additionally, the soil borrow areas for waste cell construction were often impacted and flooded. At the time the project was bid, estimates were utilized to determine the excavation needs of the project; however, after two weeks of non-stop pumping activity in the designated soil borrow area, the topography was

File #: 19-307

appreciably different than anticipated, soils were over saturated, and the volume of usable soil was less than anticipated. A different soil borrow area had to be utilized and this required new stormwater management alignments, new haul roads and additional earthen ramps to be constructed to support the project activities. Soil borrow availability and the diversion of landfill staff time to managing stormwater issues has created a backlog of landfill operational needs that need to be addressed. Support infrastructure (e.g., roads and access ramps) to the new waste cell was originally planned for completion by landfill staff, but the diversion of resources and a backlog of other operational needs have necessitated the need to increase the waste cell construction scope to add this work.

Staff contracted with Biggs & Mathews Environmental, Inc. (BME) to provide construction management services for this 52-acre project. BME worked collaboratively with the Hammett Excavation, Inc. (waste-cell contractor) and McCommas Landfill staff to develop and evaluate value engineering opportunities to address the site condition challenges created. Value engineering addresses the specific needs of current problems by utilizing economies of scale and future modeling to determine the best and most cost-efficient solution. The results of those efforts are included in Exhibits A-E (attached):

- Exhibit A Line-item narrative
- Exhibit B Revised Schedule of Values
- Exhibit C Site plan
- Exhibit D Ramp to Working Face
- Exhibit E Quote for Services

This action will authorize Change Order No. 1 to the construction contract with Hammett Excavation, Inc. The additional amount for the additional construction services for this Supplemental Agreement request is \$556,773.15, as itemized in Exhibit B.

ESTIMATED SCHEDULE OF PROJECT

Began Construction	July 2018
Complete Construction	September 2019

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On June 13, 2018, City Council authorized a contract with Hammett Excavation Inc., for the construction of a 52-acre waste cell, cell 6B2 and 7, at the McCommas Bluff Landfill; and site improvements that included upgraded drain pumps, control panels, electric service and discharge systems by Resolution No. 18-0817.

Information about this item will be provided to the Quality of Life, Arts & Culture Committee on March 25, 2019.

FISCAL INFORMATION

Sanitation Capital Improvement Funds - \$556,773.15

Construction Contract	\$5,126,866.33
Change Order No. 1 (this action)	<u>\$556,773.15</u>
Total	\$5,683,639.48

M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount Category M/WBE Goal M/WBE % M/WBE \$							
\$556,773.15 Construction 25.00% 0.00% \$0.00							
• This contract does not meet the M/WBE goal, but complies with good faith efforts.							
Change Order No. 1 - 44.97% Overall M/WBE participation							

<u>OWNER</u>

Hammett Excavation, Inc.

Gaylon Hammett, President

McCommas Bluff Landfill Cells 6B2 and 7 Construction

Item No. 3 – Temporary Controls

Temporary controls include dewatering both groundwater and surface water from the construction area. The plans originally provided for the contractor to install temporary pumps at the eastern side of Borrow Area 2. However, after it was determined that an insufficient quantity of sand protective cover material was available in this area the limits of Borrow Area 2 had to be expanded to the north and west.

Since the temporary dewatering sump and pump must to be relocated to dewater the expanded borrow area, the City has requested that contractor install a long term pumping station that will be usable by the City after the project is completed.

The contractor will relocate the sump, discharge pipes and discharge point from the future Cell 8 to the future Cell 9 to provide an improved long-term stormwater pumping station (see Exhibit C). The pumping station will include a 20' x20' aggregate paved pad to hold up to 3 pumps, a 12" diameter HDPE discharge pipe from the pump pad to the outside toe of the levee, a manifold to allow up to 3 pumps to be connected to the discharge pipe, and a sump excavated to the underlying rock. Expansion of the borrow area will also require the contractor to excavate ditches and regrade the surface to direct groundwater and surface water away from the excavation and to the new pumping station. Item No. 3 is increased to include these additional items.

Item No. 4 - Clearing and Grubbing

Based on the final configuration of the excavation within Borrow Area 1, less clearing and grubbing was required than was predicted. Item No. 4 is decreased to provide the actual quantity.

Item No. 5 – Stripping of Topsoil

Based on the final configuration of the excavation within Borrow Area 1, less stripping of topsoil was required than was predicted. Item No. 5 is decreased to provide the actual quantity.

Item No. 6 – General Excavation within Cells 6B2 and 7

Cells 6B2 and 7 were under water during the design phase, therefore the excavation bid quantity was estimated from older topographic data. After the contractor dewatered the cell area, a field survey was performed and the actual excavation quantity was calculated. Based on the survey, less excavation was performed within Cells 6B2 and 7 than was predicted. Item No. 6 is decreased to provide the actual quantity.

Item No. 7 – General Excavation within Borrow Area 1

Additional excavation was performed within Borrow Area 1 because less soil was available from within Cells 6B2 and 7 and more earthfill was required to backfill areas with unsuitable soils (see Item No. 12). Item No. 7 is increased to provide the actual quantity.

McCommas Bluff Landfill Cells 6B2 and 7 Construction

Item No. 8 – General Excavation within Borrow Area 2

Borrow Area 2 was expanded because less soil was available from within Cells 6B2 and 7, more earthfill was required to backfill areas with unsuitable soils (see Item No. 12), and an insufficient quantity of sand was available within the original borrow limits. The expanded borrow area cut off access from the landfill to Borrow Area 1, therefore an access road and ramp had to be installed to provide access to Borrow Area 1 (see Exhibit C). For these reasons, additional excavation was performed within Borrow Area 2. Item No. 8 is increased to provide the actual quantity.

Item No. 9 - Debris Relocation

The City had relocated some of the debris from within Cells 6B2 and 7 prior to the start of the project so less debris had to be relocated by the contractor. Item No. 9 is decreased to provide the actual quantity.

Item No. 10 – Unsuitable Material Excavation

The contractor encountered a large wet soft area where the water had previously been ponded in Cells 6B2 and 7. This unsuitable material had to be excavated to the underlying rock and backfilled with general earthfill to provide a firm stable subgrade for the liner system. More unsuitable material had to be excavated from within Cells 6B2 and 7 than was predicted. Item No. 10 is increased to provide the actual quantity.

Item No. 11 – Rock Excavation

Rock was not encountered within the excavation for Cells 6B2 and 7. Item No. 11 is decreased to zero.

Item No. 12 – General Earthfill

Since much of Cells 6B2 and 7 were under water during the design phase, the general earthfill bid quantity was estimated from older topographic data. After the contractor dewatered the cell area, a field survey was performed and the actual general earthfill quantity was calculated. Based on the survey, more general earthfill was placed within Cells 6B2 and 7. In addition, more general earthfill was required to backfill areas with unsuitable soils (see Item No. 10) and to build the access ramp to Borrow Area 1 through the expanded Borrow Area 2 (see Item No. 8). Item No. 12 is increased to provide the actual quantity.

McCommas Bluff Landfill Cells 6B2 and 7 Construction

Item No. 13 - Underdrain

The bid quantity included optional underdrains for isolated wet soft areas that could not be excavated. Less underdrain was installed because all wet soft areas were excavated and backfilled. Item No. 13 is decreased to provide the actual quantity.

Item No. 29 – Leachate Pumps, Control Panels, Electric Service and Discharge Systems

The bid was based on an overhead electric service being provided to the contractor adjacent to each riser vault. Since Oncor did not extended the overhead electric service as planned, the contractor must install a buried electric service from the meter at Cell 6B1 to the riser vaults at Cell 6B2 (see Exhibit B). Item No. 29 is increased to provide the additional buried electric service.

Item No. 34 – Toe Drain Pumps, Control Panels, Electric Service and Discharge System

Due to the record rainfall, the capacity of the pump in the north sump has been slightly exceeded by the infiltration rate. The City has requested that the contractor replace the pump with a higher capacity pump. Item No. 34 is increased to provide the new pump.

Item No. 36 - Borrow Area 2 Soil to Top of Landfill

As Borrow Area 2 was expanded and Borrow Area 1 became flooded, the City was unable to access borrow soil without impeding the contractor's operations. Therefore, the City directed the contractor to haul soil from Borrow Area 2 to the top of the landfill. Since the bid price for General Excavation within Borrow Area 2 (Item No. 8) includes only hauling soil to Cell 6B2 and 7, Item No. 36 is added to provide for excavating soil from Borrow Area 2 and hauling it to the top of the landfill.

Item No. 37 – Clearing and Hauling to Brush Grinder

As Borrow Area 2 is expanded and the pumping station is relocated (see Item No. 3) the contractor must clear the trees from the area within the future Cells 8 and 9. The City has requested that these trees be hauled to the brush grinder (see Exhibit C). Since the bid price for Clearing and Grubbing (Item No. 4) includes only stockpiling trees adjacent to the cleared area, Item No. 37 is added to provide for clearing trees from Borrow Area 2 and hauling them to brush grinder.

Item No. 38 - Cell Access Ramp and Pad Fill

The contractor must remove debris and soil overburden within the expanded Borrow Area 2 to expose the sand protective cover material. Since the debris and soil overburden is not suitable for use in the cell construction project but must be excavated, the City has requested that the contractor use this material to construct an access ramp and pad into the new cell. The contractor will install a 50-foot wide access ramp from the south perimeter levee road to a turnaround pad in Cell 6B2 (see Exhibits C and D). Item No. 38 is added to provide both the excavation and fill for the ramp and pad.

McCommas Bluff Landfill Cells 6B2 and 7 Construction

Item No. 39 – Haul Road Fill

Expansion of Borrow Area 2 and the relocation of the pumping station will cutoff access over the north perimeter levee to Borrow Area 1. Since the contractor must remove debris and soil overburden which is not suitable for use in the cell construction within the expanded Borrow Area 2, the City has requested that the contractor use this material to construct an access ramp and road from Borrow Area 1 to the north side of the landfill. The contractor will install a 40-foot wide access ramp from the north perimeter levee road to a Sector 3b (see Exhibits C and D). Item No. 39 is added to provide both the excavation and fill for the ramp and road.

Item No. 40 - Haul Road Subgrade Preparation

The contractor must remove vegetation and soft wet soils from the subgrade prior to constructing the haul road and ramp (Item No. 39). Item No. 40 is added to provide the subgrade preparation for the haul road.

Item No. 41 – Aggregate Pavement

The cell access ramp and pad (Item No. 38) must be paved with aggregate to provide a usable all weather route for customers to access the new landfill cell. The contractor will furnish and install geotextile and an 8-inch thick section of 3" recycled concrete aggregate on the cell access ramp and turnaround pad (see Exhibit D). The City has also requested that the contractor install a 6-inch thick section of 1" aggregate that will be furnished by the City on the cell access ramp and turnaround pad. Item No. 41 is added to provide material and installation of the geotextile and 3" aggregate and installation of the 1"aggregate.

Item No. 42 - Brush Relocation

The contractor must remove stockpiled trees and brush within the expanded Borrow Area 2 to expose the sand protective cover material. The contractor will relocate the stockpiled trees and brush to the brush grinder (see Exhibit C). Item No. 42 has been added to provide relocation of the stockpiled trees and brush.

McCommas Bluff Landfill Cells 6B2 and 7 Construction

Schedule

The original contract requires that Cell 6B2 be completed by February 25, 2019 and that Cell 7 be completed by September 23, 2019. Change Order No. 1 revises the completion time as follows:

Cell 6B2 May 6, 2019

Cell 7 May 6, 2019

All other work September 23, 2019

Cost

The net change in value for Change Order No. 1 is \$556,773.15, which is 10.9 % of the original contract amount. The additions and deletions to the contract values are provided in Exhibit B.

McCommas Bluff Landfill Cells 6B2 and 7 Construction

Background

The Cell 6B2 and 7 Construction Contract includes construction of approximately 52 acres of lined landfill cells and improvements to the west toe drain. Cells 6B2 and 7 will provide approximately 12,000,000 cy of solid waste disposal capacity, which will take about 5 years to fill.

The contract start date was July 30, 2018 and the contract completion date is September 23, 2019. Hammett Excavation began work on August 6, 2018, at which time much of the construction area was under water. Hammett pumped surface water from the construction area nonstop for two weeks then began earthwork activities. The site has experienced unusually high rainfall volumes since the construction began. Record rainfall totals were recorded during September and October and over 38 inches of rain have fallen at the site since the project began.

The record rainfalls have presented many challenges to the construction project and the landfill operations, including:

- During a heavy rain event on October 17, 2018, storm water overtopped a diversion berm in the active Cell 6B1 and washed waste into the construction area. The City notified the contractor to cease all dewatering activities until they could determine if the storm water was contaminated. The City notified the contractor to resume dewatering operations on October 23, 2018.
- The wet flooded conditions have limited access to the borrow areas outside and inside of the perimeter levee for both the City and the contractor. Finding areas for the City to excavate cover soil without impeding the contractor's operations has been difficult to impossible.
- The high rainfall volume has substantially increased the infiltration into the west toe drain. The increased infiltration has at times exceeded the capacity of the submersible pump in the north toe drain sump.

Representatives of the City, Biggs & Mathews Environmental and Hammett Excavation have met weekly since the beginning of the project to review the progress and evaluate value engineering opportunities. This proactive process has identified changes to the project scope which will keep the project on schedule and mitigate negative impacts to the project budget while improving the functionality of the landfill cell, storm water controls and borrow areas. Even with the aforementioned challenges, the project is currently projected to be completed in April 2019, which will be 5 months before the contract completion date.

This change order has been requested by the City to provide the following revisions, additions and deletions to the construction contract which have been necessitated by changes in site conditions or identified through value engineering. The revised schedule of values is provided on Exhibit B, the site plan is provided on Exhibit C, the cell access ramp plan is provided on Exhibit D and Hammett Excavation's price quote is provide on Exhibit E.

EXHIBIT B - REVISED SCHEDULE OF VALUES McCOMMAS BLUFF LANDFILL CELLS 6B2 AND 7 CONSTRUCTION

No.	Unit	Description	U	nit Price	Original	antity Revised	+	Original	Additions	rice	Deletions	T	Revised
1	LS	Mobilization and Demobilization	s	77 000 00			-		Additions	+	Deletions	-	
2	LS	Safety	5	77,000.00 4,500.00	1	1	\$	77,000.00		+		s	77,000.0
3	LS	Temporary Controls	-	100,115.00	1	1.43	\$	100,115.00	\$ 43,049.45	+		\$	4,500.0
4	AC	Clearing and Grubbing	s	1,200.00	20	15	s	24,000.00	40,040.40	s	6,000.00	\$	143,164.4
5	CY	Stripping of Top Soil	s	2.09	32,270	25,107	s	stores a constru		\$	14,970.67	\$	18,000.0
6	CY	General Excavation within Cell 6B2 and 7	s		I STREET LAND	and all the second	-	67,444.30				\$	52,473.6
7	CY		-	1.73	105,600	96,016	\$	182,688.00	C	\$	16,580.32	\$	166,107.6
		General Excavation within Borrow Area 1	\$	2.02	240,300	268,000	\$	485,406.00		+-		\$	541,360.0
8	CY	General Excavation within Borrow Area 2	\$	1.73	297,600	346,534	s	514,848.00	\$ 84,655.82	100		\$	599,503.8
9	CY	Debris Relocation	\$	2.22	26,450	19,837	\$	58,719.00		\$	14,680.86	\$	44,038.1
10	CY	Unsuitable Material Excavation	\$	2.44	10,000	45,000	\$	24,400.00	\$ 85,400.00		a second	s	109,800.0
11	CY	Rock Excavation	\$	2.30	2,000	0	\$	4,600.00		\$	4,600.00	\$	•
12	CY	General Earthfill	\$	0.10	290,400	366,144	\$	29,040.00	\$ 7,574.40	-	- Constant	5	36,614.40
13	LF	Underdrain	s	25.25	3,000	2,050	\$	75,750.00		\$	23,987.50	\$	51,762.50
14	LF	Sidewall Drain	s	38.05	1,810	1,810	\$	68,870.50				\$	68,870.50
15	LS	Crossing 1 and Crossing 2	s	2,370.00	1	1	\$	2,370.00				s	2,370.00
16	LF	Exiting Liner Tie-in	\$	4.90	3,090	3,090	\$	15,141.00				\$	15,141.0
17	SY	Compacted Soil Liner	\$	0.06	250,660	250,660	\$	15,039.60				\$	15,039.6
18	SY	Geomembrane Subgrade Preparation	s	0.13	250,660	250,660	\$	32,585.80				\$	32,585.8
19	SY	Protective Cover	\$	0.06	250,800	250,800	\$	15,048.00				\$	15,048.00
20	LF	North Future Liner Tie-in	\$	4.90	802	802	\$	3,929.80				\$	3,929.8
21	LF	Future Liner Tie-in	\$	4.90	1,733	1,733	\$	8,491.70				s	8,491.70
22	LF	Anchor Trench	\$	3.70	1,750	1,750	\$	6,475.00				\$	6,475.00
23	SF	Geomembrane	\$	0.56	2,262,920	2,262,920	\$	1,268,592.95				\$	1,268,592.95
24	SF	Geocomposite	\$	0.59	2,262,920	2,262,920	s	1,337,385.72				s	1,337,385.73
25	CY	Protective Cover Pad and Berm	\$	1.78	3,500	3,500	s	6,230.00				s	6,230.00
26	LF	Leachate Collection Trench	\$	71.74	5,154	5,154	s	369,747.96				s	369,747.9
27	LS	Leachate Sumps and Risers	\$	37,229.49	1	1	s	37,229.49	1			s	37,229.49
28	LS	Leachate Riser Vaults	\$	18,764.00	1	1	s	18,764.00		1		s	18,764.00
29	LS	Leachate Pumps, Control Panels, Electric Services and Discharge Systems	s	101,886.96	1	1.18	s	101,886.96	\$ 18,339.65			s	120,226.61
30	LF	Leachate Forcemain	s	39.25	1,270	1,270	\$	49,847.50				s	49,847.50
31	LS	Underdrain Sump and Riser	s	14,383.81	1	1	\$	14,383.81				s	14,383.81
32	LS	Underdrain Riser Vault	s	3,500.00	1	1	s	3,500.00				s	3,500.00
33	LS	Underdrain Pump, Control Panel, Electric Service and Discharge System	\$	36,700.00	3	1	\$	36,700.00				s	36,700.00
34	LS	Toe Drain Pumps, Control Panels, Electric Services, Discharge Systems	\$	64,950.00	1	1.15	\$	64,950.00	\$ 9,742.50			s	74,692.50
35	LF	Intercell Berm	\$	0.44	2,696	2,696	\$	1,186.24				s	1,186.24
36	CY	Borrow Area 2 Soil to Top of Landfill	s	2.22	0	20,000	\$		\$ 44,400.00			s	44,400.00
37	AC	Clearing and Hauling to Brush Grinder	\$	3,900.00	0	6	\$	*	\$ 23,400.00			s	23,400.00
38	CY	Cell Access Ramp and Pad Fill	\$	3.24	0	21,121	s		\$ 68,432.04			s	68,432.04
39	CY	Haul Road Fill	\$	2.99	0	24,000	s		\$ 71,760.00			s	71,760.00
40	LF	Haul Road Subgrade Preparation	s	2.95	0	2,000	\$		\$ 5,900.00			s	5,900.00
41	SY	Aggregate Pavement	s	16.08	0	6,333	s		\$ 101,834.64			s	101,834.64
42	CY	Brush Relocation	\$	4.90	0	3,500	s		\$ 17,150.00	1		s	17,150.00
				11000			s	5,126,866.33	\$ 637,592.50	5	80,819.35		5,683,639.4

Exhibit C

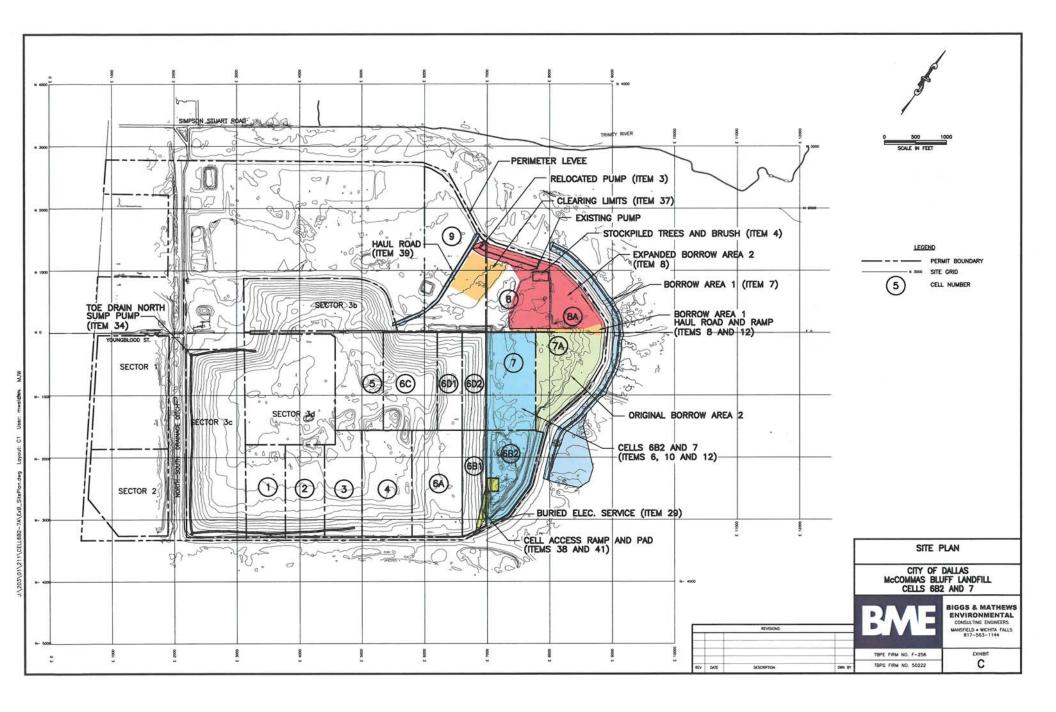
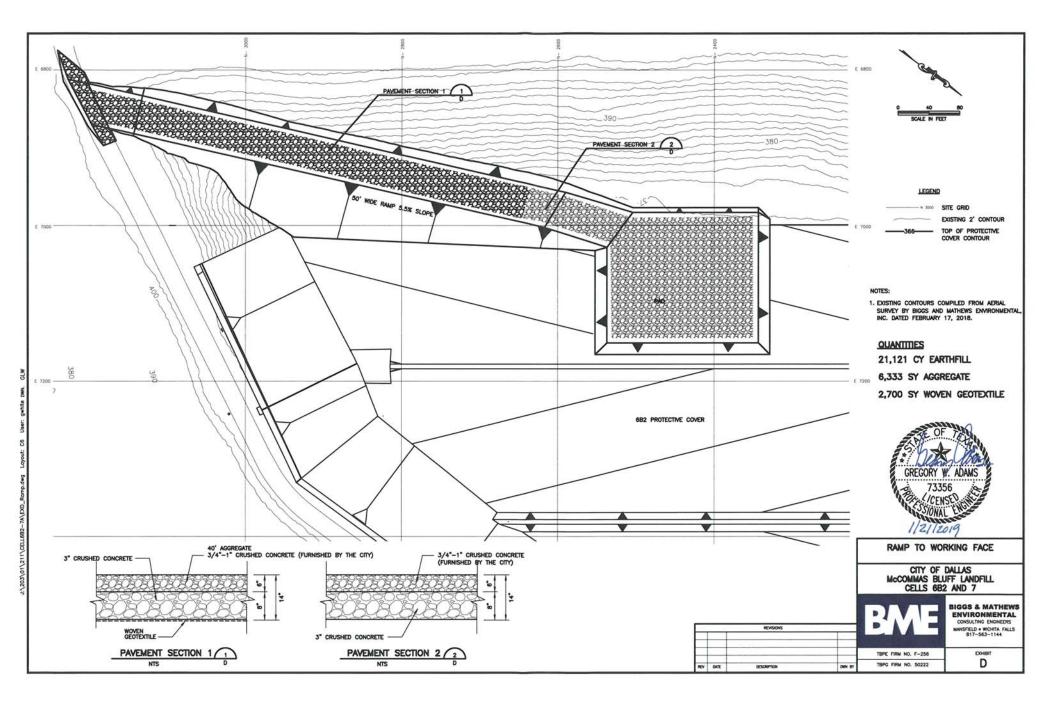


Exhibit D



McCOMMAS BLUFF LANDFILL CELLS 6B2 AND 7 CONSTRUCTION **EXHIBIT E - QUOTE FOR ADDITIONALS SERVICES FOR**

-					
No.	Unit	Description	Unit Price	Quantity	Price
ю	rs	Temporary Controls-Relocate Pump Station Ditch Borrow Area	\$ 43,049.45	-	3 43 049 AF
29	LS	Leachate Pumps-Additional Underground Electric	\$ 18,339.65	-	
34	ΓS	Toe Drain Pumps-Upgrade Pump	\$ 9,742.50	-	
36	2	Borrow Area 2 Soil to Top of Landfill	\$ 2.22	20,000	
37	AC	Clearing and Hauling Brush to Brush Grinder	\$ 3,900.00	9	
38	ç	Cell Access Ramp and Fill Pad	\$ 3.24	21,121	
39	С	Haul Road Fill	\$ 2.99	24,000	
40	Ч	Haul Road Subgrade Preparation	\$ 2.95	2,000	
41	SΥ	Aggregate Pavement	\$ 16.08	6,333	10
42	ζ	Brush Relocation	\$ 4.90	3,500	
		Total			

CCAR tep 1901 By: Title:

F:\Proj\203\01\211\Contract\Change Orders\CO1 Exhibit E

2/1/2019

Agenda Information Sheet

File #: 19-287		ltem #: 38.
STRATEGIC PRIORITY:	Quality of Life	
AGENDA DATE:	March 27, 2019	
COUNCIL DISTRICT(S):	2	
DEPARTMENT:	Park & Recreation Department	
EXECUTIVE:	Willis C. Winters	

<u>SUBJECT</u>

Authorize a professional services contract with MESA Design Associates, Inc. dba MESA Design Group for the Samuell-Grand Park/Tenison Glen Golf Course Master Plan Project (Project No. 0330-18-6975-105) located at 6200 East Grand Avenue - Not to exceed \$284,200.00 - Financing: Samuell Park Expense Trust Fund

BACKGROUND

This action will authorize a professional services contract with MESA Design Associates, Inc. dba MESA Design Group for the Samuel-Grand Park/Tenison Glen Golf Course Master Plan Project. Funds from the Samuell Park Expense Trust Fund will be used for this project. The master plan will cover master planning services for Samuell-Grand Park and Tenison Glen Golf Course as well as evaluate potential enhancements to the Tenison Glen Golf Course Clubhouse. The context-sensitive study will recommend improvements to the parks, opinions of probable costs, and prioritizations. The scope of work will include: study of golf and non-golf programming options; inventory of site and programming and assessment thereof; market analysis to establish market related goals; preparation of a diagrammatic framework plan; cost options and phasing, and repurposing or redesign of Tenison Glen Golf Course. Public engagement is an important component of the study, including multiple meetings with park staff, two online survey of stakeholders, two public workshops organized by a public engagement consultant, five individual meetings with stakeholders, and presentation of indings to the Park and Recreation Board.

On July 20, 2017, a Request for Qualifications (RFQ) was issued for Master Planning Services for the Samuell-Grand Park/Tenison Glen Golf Course Master Plan Project. Ten firms responded. A fivemember committee of City staff selected three firms to submit proposals. On March 28, 2018, a Request for Proposals (RFP) was issued for this project. A five-member committee of City staff reviewed proposals and interviewed each of the three firms invited to submit proposals. MESA Design Associates, Inc. dba MESA Design Group was selected as the most qualified firm for this project.

ESTIMATED SCHEDULE OF PROJECT

Begin Master Plan	May 2019
Complete Master Plan	March 2020

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On February 14, 2019, the Park and Recreation Board authorized a professional services contract with MESA Design Associates, Inc. dba MESA Design Group.

Information about this item will be provided to the Quality of Life, Arts and Culture Committee on March 25, 2019.

FISCAL INFORMATION

Samuell Park Expense Trust Fund - \$284,200.00

M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE%	M/WBE \$		
\$284,200.00	Architectural & Engineering	25.66%	26.03%	\$73,970.00		
This contract exceeds the M/WBE goal.						

PROCUREMENT INFORMATION

Three proposals were received and opened on March 28, 2018. This professional services contract is being awarded in its entirety to the most qualified proposer.

*Denotes most qualified proposer

<u>Proposers</u>	<u>Address</u>	<u>Rank</u>
* MESA Design Associates, Inc. dba MESA Design Group	2001 North Lamar Street Suite 100 Dallas, Texas 75202	1
Freese and Nichols, Inc.	2711 Haskell Avenue Suite 3300 Dallas, Texas 75204	2
Pacheco Koch Consulting Engineers, Inc.	7557 Rambler Road Suite 1400 Dallas, Texas 75231	3

File #: 19-287

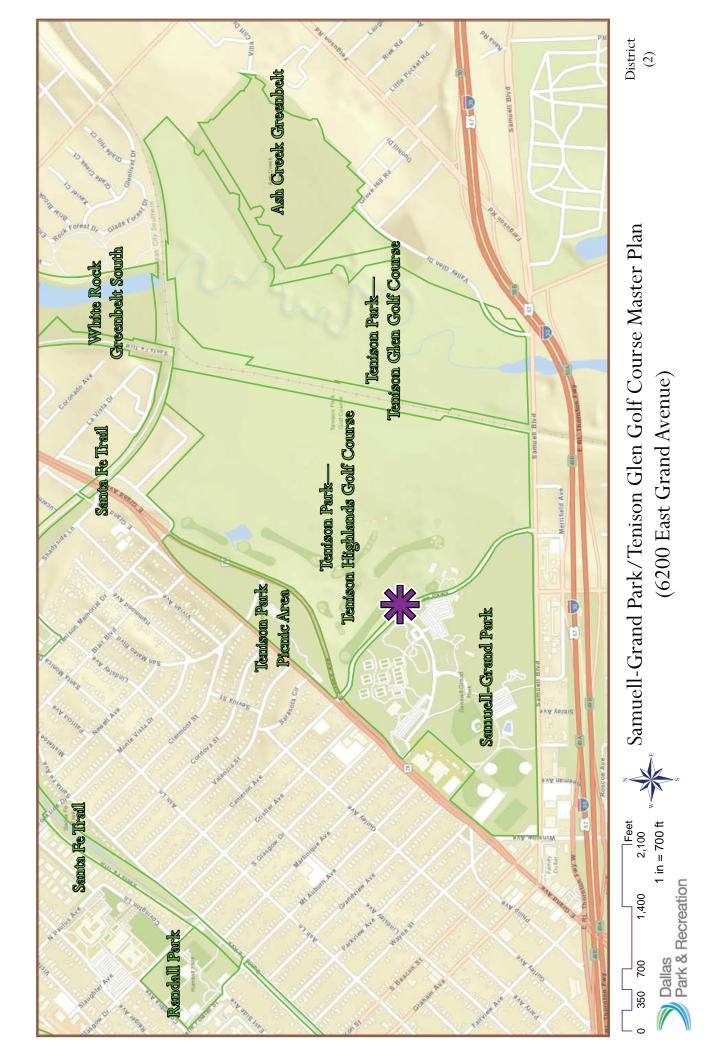
<u>OWNER</u>

MESA Design Associates, Inc. dba MESA Design Group

Stan Cowan, President

<u>MAP</u>

Attached



Agenda Information Sheet

File #: 19-335		ltem #: 39.
STRATEGIC PRIORITY:	Quality of Life	
AGENDA DATE:	March 27, 2019	
COUNCIL DISTRICT(S):	10	
DEPARTMENT:	Park & Recreation Department	
EXECUTIVE:	Willis C. Winters	

<u>SUBJECT</u>

Authorize an increase in the construction services contract with DENCO CS Corporation for the installation of updated mechanical, electrical, and plumbing systems to comply with the current energy code standards for the Park and Recreation Administrative Offices and Service Center located at 10031 East Northwest Highway - Not to exceed \$328,840.20, from \$3,528,802.00 to \$3,857,642.20 - Financing: Park and Recreation Facilities Fund (2006 Bond Funds)

BACKGROUND

On November 9, 2016, City Council authorized a construction contract with DENCO CS Corporation for the renovation of the former Jules E. Muchert Army Reserve facility located at 10031 E. Northwest Highway, in an amount not to exceed \$3,456,648.00, by Resolution No. 16-1809.

On October 29, 2018, Administrative Action No. 18-1006 authorized Change Order No. 1 to the construction services contract DENCO CS Corporation for sanitary sewer lines and concrete work, in an amount not to exceed \$45,154.00, increasing the contract from \$3,456,648.00 to \$3,501,802.00.

On January 3, 2019, Administrative Action No. 19-0132 authorized Change Order No. 2 to the construction services contract with DENCO CS Corporation for information technology pathways, in an amount not to exceed \$27,000.00, increasing the contract from \$3,501,802.00 to \$3,528,802.00.

This action will authorize Change Order No. 3 to the construction services contract with DENCO CS Corporation for the installation of updated mechanical, electrical, and plumbing systems at Park and Recreation Administrative Offices and Service Center located at 10031 East Northwest Highway to comply with the 2015 International Energy Conservation Code (IECC) regulations in an amount not to exceed \$328,840.20, increasing the contract amount from \$3,528,802.00 to \$3,857,642.20. The original design of this building was based on 2006 IECC. The State Energy Conservation Office amended 34 Texas Administrative Code §19.53 establishing the 2015 IECC as the energy code for commercial construction, effective November 1, 2016.

The scope of work includes demolition and installation of a new heating, ventilation and air conditioning (HVAC) system in lieu of modifications to the existing HVAC system, revisions to the electrical and plumbing systems, and the certified test and balance of the new system.

ESTIMATED SCHEDULE OF PROJECT

Began Construction	May 2018
Complete Construction	September 2019

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On October 20, 2016, the Park and Recreation Board authorized a construction contract with DENCO CS Corporation.

On November 9, 2016, City Council authorized a construction contract with DENCO CS Corporation for the renovation of the former Jules E. Muchert Army Reserve facility located at 10031 E. Northwest Highway by Resolution No. 16-1809.

On February 28, 2019, the Park and Recreation Board authorized an increase in the construction services contract with DENCO CS Corporation.

Information about this item will be provided to the Quality of Life, Arts and Culture Committee on March 25, 2019.

FISCAL INFORMATION

Park and Recreation Facilities Fund (2006 Bond Funds) - \$328,840.20

Original Contract Amount	\$3,456,648.00
Change Order No. 1	\$ 45,154.00
Change Order No. 2	\$ 27,000.00
Change Order No. 3 (this action)	<u>\$ 328,840.20</u>
Total amount not to exceed	\$3,857,642.20

M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE %	M/WBE \$
\$328,840.20	Construction	25.00%	0.00%	\$0.00
• This contract does not meet the M/WBE goal, but complies with good faith efforts.				
Change Order No. 3 - 31.27% Overall M/WBE participation				

Item #: 39.

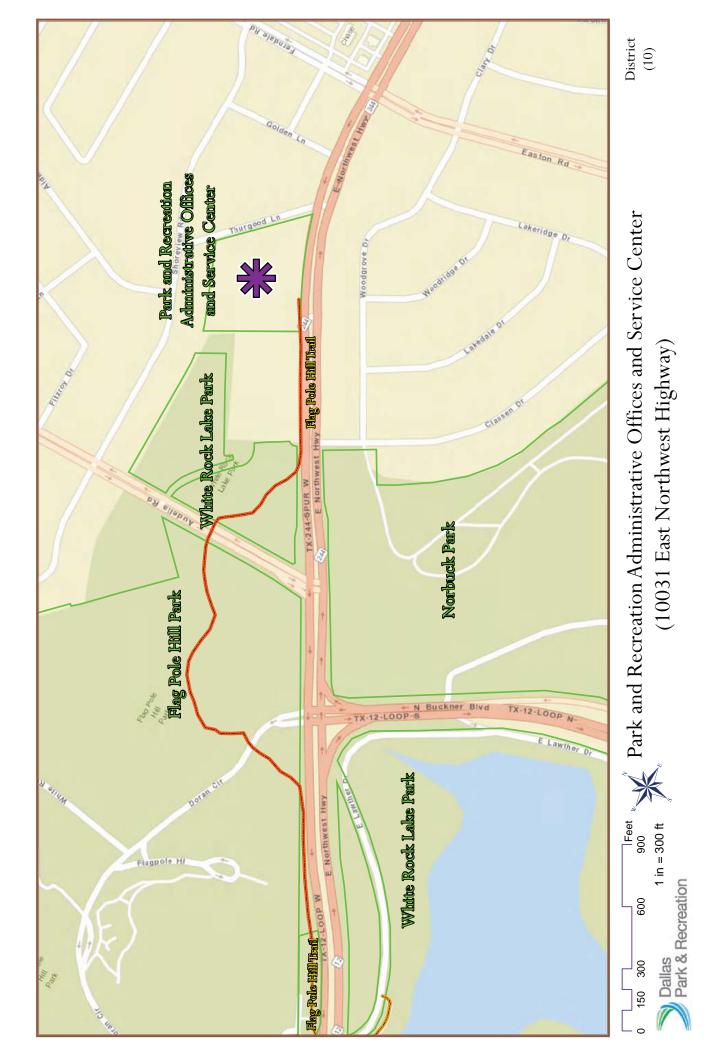
<u>OWNER</u>

DENCO CS Corporation

Steven J. Smith, Director of Construction

<u>MAP</u>

Attached



Agenda Information Sheet

File #: 19-401		Item #: 40.
STRATEGIC PRIORITY:	Quality of Life	
AGENDA DATE:	March 27, 2019	
COUNCIL DISTRICT(S):	2, 5, 11	
DEPARTMENT:	Park & Recreation Department	
EXECUTIVE:	Willis C. Winters	

<u>SUBJECT</u>

Authorize an increase in the construction services contract with The Fain Group, Inc. to add scope of work associated with three regional family aquatic centers at Crawford Memorial Park located at 8700 Elam Road, Fretz Park located at 6994 Belt Line Road, and Samuell Grand Park located at 6200 East Grand Avenue - Not to exceed \$194,313.10, from \$21,262,469.55 to \$21,456,782.65 - Financing: Elgin B. Robertson Land Sale Funds

BACKGROUND

On June 28, 2017, City Council authorized a contract with The Fain Group, Inc., for construction of three regional family aquatic centers (Package 1) at Crawford Memorial Park located at 8700 Elam Road, Fretz Park located at 6994 Belt Line Road, and Samuell Grand Park located at 6200 East Grand Avenue, in an amount not to exceed \$20,562,297.00 (Crawford Park \$7,219,772.00, Fretz Park \$6,445,526.00, Samuell Grand Park \$6,896,999.00), by Resolution No. 17-1085.

On February 14, 2018, City Council authorized Change Order No. 1 to the construction services contract with The Fain Group, Inc. to add increased scope of work associated with three regional family aquatic centers at Crawford Memorial Park located at 8700 Elam Road, Fretz Park located at 6994 Belt Line Road, and Samuell Grand Park located at 6200 East Grand Avenue, in an amount not to exceed \$351,666.61, increasing the contract amount from \$20,562,297.00 to \$20,913,963.61 by Resolution No. 18-0291, to modify the location of the filtration building to accommodate a future right-of-way on Hillcrest Road at Fretz Park, re-route the existing water line which serves the recreation center and the aquatic center at Fretz Park, install a three-phase primary electrical power feed at Crawford Memorial Park, and add gates to the perimeter fence at Crawford Memorial Park and Samuell Grand Park aquatic centers.

On April 11, 2018, City Council authorized Change Order No. 2 to the construction services contract with The Fain Group, Inc. to furnish, assemble and install picnic tables, trash receptacles and umbrellas at Crawford Memorial Park, Fretz Park and Samuell Grand Park aquatic centers, in an amount not to exceed \$198,526.73, increasing the contract amount from \$20,913,963.61 to \$21,112,490.34 by Resolution No. 18-0551.

On April 13, 2018, Administrative Action No. 18-0170 authorized Change Order No. 3 to the construction services contract with The Fain Group, Inc. for added scope of work at Crawford Regional Aquatic Center to add 125 feet of left turn lane on Prairie Creek Road for entry into Crawford Memorial Park for north bound traffic, in an amount not to exceed \$42,154.69.

On May 11, 2018, Administrative Action No. 18-0248 authorized Change Order No. 4 to the construction services contract with The Fain Group, Inc. for added scope of work to install a security keypad door hardware system for: 10 doors at Crawford Regional Aquatic Center, 11 doors at Fretz Regional Aquatic Center, and 10 doors Samuell Grand Regional Aquatic Center, in an amount not to exceed \$36,483.75.

On June 13, 2018, Administrative Action No. 18-0406 authorized Change Order No. 5 to the construction services contract with The Fain Group, Inc. for added scope of work to: install seven security shutters at Crawford Regional Aquatic Center and install wall tile and fiberglass reinforced plastic panels at Samuell Grand Regional Aquatic Center, in an amount not to exceed \$39,855.53.

On November 7, 2018, Administrative Action No. 18-1089 authorized Change Order No. 6 to the contract with the Fain Group, Inc. for additional boring for the electrical main conduits and moving a light pole and electrical control box in the median for the left turn lane on Prairie Creek Road at Crawford Memorial Park in an amount not to exceed \$31,485.24.

This action will authorize Change Order No. 7 to the construction services contract with The Fain Group, Inc. The added scope of work will include the following:

<u>Crawford Regional Aquatic Center</u>

Add a mop sink and floor drain, increase grease trap size, roof drains, piping and downspouts, data drops, fiberglass reinforced plastic panels, wall finish, masonry changes, window and counter shutter, sod, automatic closing sliding windows, extend electrical in median on Prairie Creek Road and single hung windows, increasing the total construction cost to \$7,708,511.36.

• Fretz Regional Aquatic Center

Add a mop sink and floor drain, increase grease trap size, AT&T ground box, electrical for garbage disposal, data drops, removal of Oncor light pole, ceiling changes, automatic closing sliding windows, fence railings, door locks, z-framing for masonry, fence panels, moving irrigation meter, landscape revisions and hand sink, increasing the total construction cost to \$6,653,067.34.

• Samuell Grand Regional Aquatic Center

Utility and drainage adjustments, stone under slides and along bathhouse, sod, increase grease trap size, data drops, furr-out at concessions, masonry changes, automatic closing sliding windows, handrails, door change, concrete at concessions breezeway, and painting, increasing the total construction cost amount to \$7,095,203.95.

ESTIMATED SCHEDULE OF PROJECT

Began Construction	September 2017
Complete Construction	May 2019

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On December 9, 2015, City Council authorized the professional services contract for Phase 1 Implementation by Resolution No. 15-2271.

On December 1, 2016, the Park and Recreation Board authorized proceeding with advertisement for construction procurement.

On May 18, 2017, the Park and Recreation Board authorized a professional services contract for construction of three regional family aquatic centers at Crawford Memorial Park, Fretz Park and Samuell Grand Park for Package 1.

On June 28, 2017, City Council authorized a contract with The Fain Group, Inc. for construction of three regional family aquatic centers at Crawford Memorial Park, Fretz Park and Samuell Grand Park for Package 1, by Resolution No. 17-1085.

On January 25, 2018, the Park and Recreation Board authorized Change Order No. 1 to the construction services contract with The Fain Group, Inc.

On February 14, 2018, City Council authorized Change Order No. 1 to the construction services contract with The Fain Group, Inc. to add increased scope of work associated with three regional aquatic centers located at Crawford Memorial Park, Fretz Park and Samuell Grand Park by Resolution No. 18-0291.

On March 22, 2018, the Park and Recreation Board authorized Change Order No. 2 to the construction services contract with The Fain Group, Inc.

Information about this item was provided to the Quality of Life, Arts and Culture Committee on April 9, 2018.

On April 11, 2018, City Council authorized Change Order No. 2 to the construction services contract with The Fain Group, Inc., in an amount not to exceed \$198,526.73, from \$20,913,963.61 to \$21,112,490.34, for an increase in the contract to furnish, assemble and install picnic tables, trash receptacles and umbrellas at Crawford Memorial Park, Fretz Park and Samuell Grand Park aquatic centers by Resolution No. 18-0551.

The Park and Recreation Board will consider this item on March 21, 2019.

Information about this item will be provided to the Quality of Life, Arts and Culture Committee on March 25, 2019.

FISCAL INFORMATION

Elgin B. Robertson Land Sale Funds - \$194,313.10

Original Contract Amount	\$20	,562,297.00
Change Order No. 1	\$	351,666.61
Change Order No. 2	\$	198,526.73
Change Order No. 3	\$	42,154.69
Change Order No. 4	\$	36,483.75
Change Order No. 5	\$	39,855.53
Change Order No. 6	\$	31,485.24
Change Order No. 7 (this action)	<u>\$</u>	194,313.10
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Total amount

\$21,456,782.65

Council District Amount

2	\$ 98,796.91
5	\$ 53,592.69
11	\$ 41,923.50
Tatal	¢404 040 40

Total \$194,313.10

M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE %	M/WBE \$
\$194,313.10	Construction	25.00%	20.18%	\$29,204.05
• This contract does not meet the M/WBE goal, but complies with good faith efforts.				
Change Order No. 7 - 42.03% Overall M/WBE participation				

OWNER

The Fain Group, Inc.

Larry Frazier, President

<u>MAPS</u>

Attached



Crawford Memorial Park Aquatic Center 8700 Elam Road 2,360

Dallas Park & Recreation 1,770 1,180 590 0 295

Feet

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Fretz Park Aquatic Center 6994 Belt Line Rd





Samuell Grand Park Aquatic Center 6200 E. Grand Avenue







Agenda Information Sheet

File #: 19-314		Item #: 41.
STRATEGIC PRIORITY:	Quality of Life	
AGENDA DATE:	March 27, 2019	
COUNCIL DISTRICT(S):	7	
DEPARTMENT:	Park & Recreation Department	
EXECUTIVE:	Willis C. Winters	

<u>SUBJECT</u>

Authorize Supplemental Agreement No. 2 to the design-build services contract with Harrison, Walker & Harper, LP. for the design and construction for Fair Park Facility Improvements for additional architectural and engineering services and an increase in the construction package for the renovation of the Aquarium Annex located at 1458 1st Avenue - Not to exceed \$440,461.00, from \$2,263,859.00 to \$2,704,320.00 - Financing: Fair Park Improvements (C) Fund (2017 Bond Funds)

BACKGROUND

On June 27, 2018, City Council authorized a design-build services contract with Harrison, Walker & Harper, LP. for pre-design and pre-construction services, an early construction package, and architectural and engineering services for the design and construction of Fair Park Facility Improvements for Music Hall located at 909 1st Avenue, African American Museum located at 3536 Grand Avenue and Aquarium Annex located at 1458 1st Avenue by Resolution No. 18-0997. The original contract award included pre-design and pre-construction services and architectural and engineering services for the design and construction of the facility improvements at the Music Hall at Fair Park, African American Museum and Aquarium Annex. The original contract award also included an early construction package for the Music Hall in the amount of \$600,000.00 to address the needs for Americans with Disabilities Act (ADA) items and an ADA accessible elevator.

On November 28, 2018, City Council authorized Supplemental Agreement No. 1 to the design-build contract with Harrison, Walker & Harper, LP. authorized additional architectural and engineering design services and an increase in the early construction package for an elevator and Americans with Disabilities Act improvements in the amount of \$723,556.00 and an increase in the early construction package to add exterior lighting in the amount of \$610,000.00, for a total amount not to exceed \$1,333,556.00, increasing the contract amount from \$930,303.00 to \$2,263,859.00, by Resolution No. 18-1714.

This action will authorize Supplemental Agreement No. 2 to the design-build services contract with Harrison, Walker & Harper, LP. for additional architectural and engineering services and an increase in the construction package for the renovation of the Aquarium Annex, in an amount not to exceed \$440,461.00, increasing the contract amount from \$2,263,859.00 to \$2,704,320.00. The renovation includes repairs to the exterior wall, door and window framing; glass pane replacement; improvements to the front door approach and rest room to comply with the ADA; structural repairs; ceiling replacement; plumbing fixtures replacement; lighting system replacements; heating, ventilation and air conditioning (HVAC) replacement; fire alarm replacement; and security system replacement.

This design-build services contract has and will continue to assess, prioritize and provide design solutions for the following needs: (1) Music Hall at Fair Park: ADA improvements, water infiltration, roof leaks, plumbing line repairs, carpeting and other repairs as identified by the assessment; and (2) African American Museum: building sign, water infiltration, stage railing, carpeting, HVAC system, lighting, security and other repairs as identified by the assessment.

ESTIMATED SCHEDULE OF PROJECT

Begin Construction	April 2019
Complete Construction	September 2019

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On June 7, 2018, the Park and Recreation Board authorized a design-build services contract with Harrison, Walker & Harper, LP.

Information about this item was provided to the Quality of Life, Arts and Culture Committee on June 25, 2018.

On June 27, 2018, City Council authorized a design-build services contract with Harrison, Walker & Harper, LP. for pre-design and pre-construction services, an early construction package, and architectural and engineering services for the design and construction of Fair Park Facility Improvements for Music Hall located at 909 1st Avenue, African American Museum located at 3536 Grand Avenue and Aquarium Annex located at 1458 1st Avenue by Resolution No. 18-0997.

On November 1, 2018, the Park and Recreation Board deferred this item to the November 15, 2018 agenda.

On November 15, 2018, the Park and Recreation Board authorized Supplemental Agreement No. 1 to the design-build services contract with Harrison, Walker & Harper, LP.

Information about this item was provided to the Quality of Life, Arts and Culture Committee on November 26, 2018.

On November 28, 2018, City Council authorized Supplemental Agreement No. 1 to the design-build services contract with Harrison, Walker & Harper, LP. for the design and construction for Fair Park Facility Improvements for additional architectural and engineering design services and an increase in the early construction package for an elevator, Americans with Disabilities Act improvements and to add exterior lighting for the Music Hall located at 909 1st Avenue by Resolution No. 18-1714.

On February 28, 2019, the Park and Recreation Board authorized a Supplemental Agreement No. 2 to the design-build services contract with Harrison, Walker & Harper, LP.

Information about this item will be provided to the Quality of Life, Arts and Culture Committee on March 25, 2019.

FISCAL INFORMATION

Fair Park Improvements (C) Fund (2017 Bond Funds) - \$440,461.00

Original Design-Build Contract	\$ 930,303.00 \$1 222 556 00
Supplemental Agreement No. 1 Supplemental Agreement No. 2 (this action)	\$1,333,556.00 <u>\$440,461.00</u>

Total amount not to exceed\$2,704,320.00

M/WBE INFORMATION

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE %	M/WBE \$
\$440,461.00	Construction	25.00%	17.69%	\$77,900.00
• This contract does not meet the M/WBE goal, but complies with good faith efforts.				
Supplemental Agreement No. 2 - 65.59% Overall M/WBE participation				

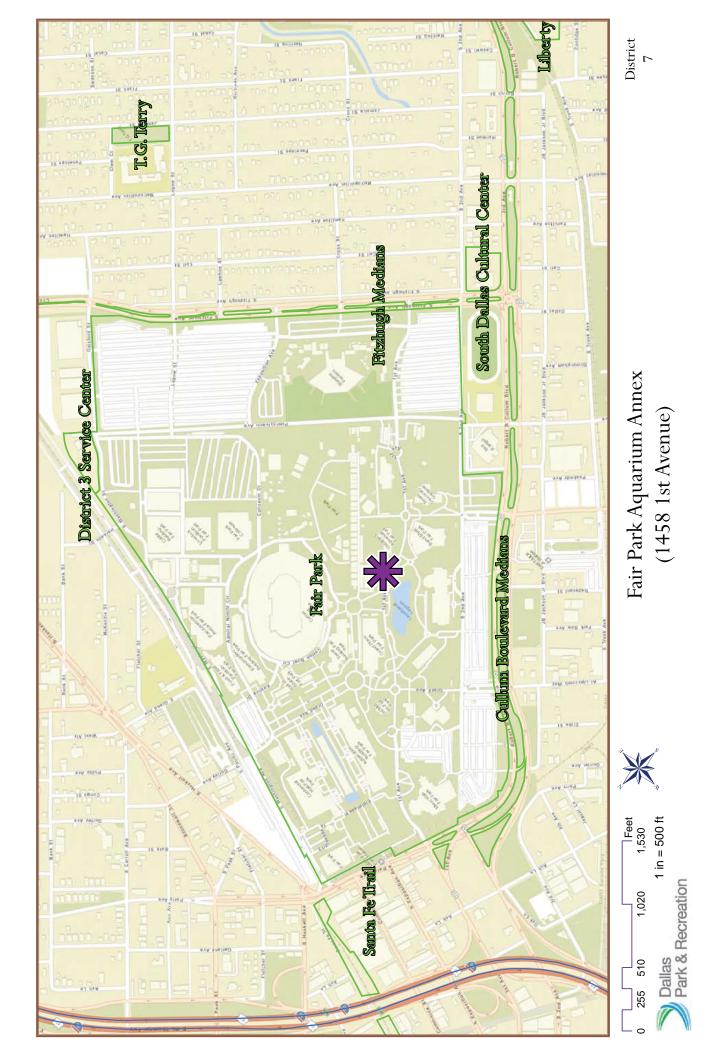
<u>OWNER</u>

Harrison, Walker & Harper, LP.

Jordan Harper, Chief Executive Officer

<u>MAP</u>

Attached





Agenda Information Sheet

File #: 19-390		ltem #: 47.
STRATEGIC PRIORITY:	Quality of Life	
AGENDA DATE:	March 27, 2019	
COUNCIL DISTRICT(S):	All	
DEPARTMENT:	Department of Convention and Event Services	
EXECUTIVE:	Joey Zapata	

<u>SUBJECT</u>

An ordinance amending Chapter 42A, "Special Events" and Chapter 29A, "Neighborhood Farmers Market" of the Dallas City Code by (1) reserving Chapter 29A and rewriting Chapter 42A; (2) providing regulations for special events, commercial filming activities, neighborhood markets, and streetlight pole banners; (3) providing a penalty not to exceed \$2,000.00 for a violation of this chapter governing fire safety, zoning, or public health and sanitation, and \$500.00 for all other violations; (4) providing a saving clause; (5) providing a severability clause; and (6) providing an effective date - Financing: No cost consideration to the City (see Fiscal Information) (This item was deferred on February 27, 2019)

BACKGROUND

The amended ordinance, Chapter 42A "Special Events" of the Dallas City Code, consolidates information from the current version of Chapter 42A "Special Events," Chapter 29A "Neighborhood Farmers Markets," Administrative Directive 2-46 "Commercial Filming Policy" and adds additional information related to streetlight pole banners. This ordinance amendment better defines the roles and duties of the Convention and Event Services (CES) - Office of Special Events (OSE) and updates regulations, policies and fee structures.

The Quality of Life, Arts, and Culture Committee (QOLAC) was briefed on April 9, 2018 about current OSE permitting authority and functions, known challenges with current operations and City Code, planned operational improvements and process enhancements. OSE received Committee input and approval to move forward with surveys, stakeholder meetings, completing a fee study and revisions.

On November 26, 2018, QOLAC was briefed about proposed updates to the special events ordinance. Proposed revisions addressed existing gaps and deficiencies in the ordinance, incorporated public and stakeholder input, included researched best practices and the results of a new fee study conducted in the summer of 2018.

Amendments to the ordinance address public concerns including: parking, traffic closures/detours, public notices and flexibility in permitting based on event size and other features for each application. QOLAC members requested that OSE conduct additional meetings with the film industry, Arts District community and other external stakeholders to ensure their concerns about revisions were addressed.

Following the November briefing, OSE hosted nine additional meetings with internal and external stakeholders. The feedback included concerns about the organization and navigability of the ordinance, requests to provide clarity of language, difficulty in understanding permit requirements, and concerns over fees and insurance requirements. OSE worked with the City Attorney's Office (CAO) to add definitions, re-organize sections, standardize language across all permit types and include more details that improve clarity while making the ordinance more transparent and easier to understand. Some fees and fee tiers were updated and insurance requirements were revised in consultation with the Office of Risk Management.

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

The Quality of Life, Arts and Culture Committee was briefed on current OSE authority, functions and challenges with Chapter 42A "Special Events" on April 9, 2018.

The Quality of Life, Arts and Culture Committee was briefed on proposed ordinance changes amending Chapter 42A "Special Events" on November 26, 2018.

The Quality of Life, Arts and Culture Committee was briefed with updated proposed ordinance changes and clarifications to Chapter 42A "Special Events" ordinance on February 11, 2019.

On February 27, 2019, this item was deferred by Councilmember Sandy Greyson.

FISCAL INFORMATION

Cost consideration to others. This ordinance corrects deficiencies (identified in a fee study) in the current permit structure, by aligning application costs to those which require the most time and resources. Currently, pricing is based on event attendance, which does not account for the complexity of the event. Applicants will now be charged based on the new special event permit tiers: simple, moderate, complex. It also develops a la carte and discount pricing models for additional permit components.