The City of SACHSE

Thursday, November 12, 2020
Municipal Development District Board Meeting

This meeting will begin at 7:00 p.m.

MEETING HELD AS A TELEPHONE CONFERENCE CALL

Because of the Dallas County, Collin County and City of Sachse disaster declarations we are practicing social distancing in order to prevent the spread of COVID-19.

We encourage members of the public to listen to the telephone conference meeting.

If you have any comments to submit regarding the agenda or other items related to the agenda, please e-mail those to lwhitworth@cityofsachse.com.

INSTRUCTIONS FOR ACCESSING THE TELEPHONE CONFERENCE CALL:

Dial this Phone Number:1 346-248-7799
Enter Meeting ID: 842 2083 6870
Meeting Link: https://us02web.zoom.us/j/84220836870

A. Regular Meeting

1. Call to Order: The Municipal Development District Board of the City of Sachse will hold a Regular Meeting on Thursday, November 12, 2020 at 7:00 p.m. to consider the following items of business:

2. Invocation and Pledge of Allegiance to the U.S. and Texas Flags.

3. Consider approval of the August 13, 2020, meeting minutes.

4. Discuss and make a recommendation to the City Council on the J.K. Sachse Park concepts presented by Kimley-Horn.

5. Request for future agenda items.

6. Set upcoming board meeting date.

7. Adjournment.

I, the undersigned authority, do hereby certify that this notice of meeting was posted in accordance with the regulations of the Texas Open Meetings Act and was posted on the bulletin board, an accessible location at Sachse City Hall.

Michelle Lewis Sirianni

Michelle Lewis Sirianni, City Secretary

Accommodation requests for persons with disabilities should be made at least 48 hours prior to the meeting by contacting Lauren Rose, ADA Coordinator, via phone at 972.429.4770, via email at lrose@cityofsachse.com, or by appointment at 3815 Sachse Road, Building B, Sachse, Texas 75048.

The City of SACHSE

Agenda Item Details

Meeting	Nov 12, 2020 - Municipal Development District Board Meeting
Category	A. Regular Meeting
Subject	3. Consider approval of the August 13, 2020, meeting minutes.
Access	Public
Type	Action, Minutes
Recommended Action	Make a motion to approve the August 13, 2020 meeting minutes
Minutes	View Minutes for Aug 13, 2020 - Municipal Development District Board Meeting

Public Content

Municipal Development District Board Meeting (Thursday, August 13, 2020, Virtual ZOOM Meeting)

Members present
Cyndi Mitchell, Diana Smith, George Kemper, Gina Nash, Brett Franks, Jermaine McDaniel, Valarie Pike

1. Call to Order: The Municipal Development District Board of the City of Sachse will hold a Regular Meeting on Thursday, August 13, 2020 at 6:30 p.m. to consider the following items of business:
The meeting was called to order at 6:30 PM.

2. Invocation and Pledge of Allegiance to the U.S. and Texas Flags.
The invocation was given by Lance Whitworth and the pledges to the US and Texas flags was led by Cyndi Mitchell.

3. Consider approval of the July 9, 2020, meeting minutes.
A motion was made by Cyndi Mitchell and seconded by Diana Smith to approve the July 9, 2020, meeting minutes as written. Motion passed unanimously.

4. Discuss and receive a proposal from park design consultant, Kimley-Horn, on the 4.5 acre Ranch Road park project.
Leah Campbell, Andy Budke and Joe Helmberger with Kimley-Horn and Associates presented to the board their proposal and approximate cost should the board decide to direct staff to move forward with hiring a consultant to design this parkland. Leah Campbell presented other parks they have designed including Cross Roads Town Park, Parkview Heights Park, Glen View Community Park, Cottonwood Park, K.B. Polk, Nash Davis and Beckley-Saner Spraygrounds. Leah presented to the board a preliminary drawing of some concepts for the park on Ranch Road but discussed with the board that some of these things would need to be redesigned and moved around depending on priorities of the board. The board would like to make sure that there is plenty of shade. Everyone also agreed that sidewalk connectivity was also very important in that it needs to not only connect within the park but also go somewhere outside of the park. There was also discussion about water recycling in the splash park or also using the water for irrigation within the park. The proposal from Kimley-Horn and Associates would be approximately $29,000 to complete the conceptual work for the park. If Kimley-Horn and Associates also does the design, engineering, civil, electrical, grading, drainage, architectural and landscaping portion of the project and phasing in of each piece that could be up to $180,000 to $220,000.

5. Discuss and make a recommendation to the City Council on park projects and the corresponding budget for the Municipal Development District to fund for the 2020-2021 fiscal year.
After discussion, a motion was made by Cyndi Mitchell and seconded by Jermaine McDaniel to make a recommendation to City Council to use $29,000 for a conceptual plan for the Ranch Road park project and to earmark up to $220,000 for the design and services of a consulting agency. Motion passed unanimously.

6. Request for future agenda items.
No requests were made.

7. Set upcoming board meeting date.
The next meeting was set for October 15, 2020.

8. Adjournment.
The meeting was adjourned at 8:01 PM.

The City of SACHSE

Agenda Item Details

Meeting	Nov 12, 2020 - Municipal Development District Board Meeting
Category	A. Regular Meeting
Subject	4. Discuss and make a recommendation to the City Council on the J.K. Sachse Park concepts presented by Kimley-Horn.
Access	Public
Type	Action, Discussion
Recommended Action	Make a recommendation to City Council on the J.K. Sachse Park concepts presented by Kimley-Horn.
Goals	Provide excellent government services to Sachse citizens. Strategically invest in the City's existing and future infrastructure.

Public Content

BACKGROUND

At the August 13, 2020, Municipal Development District Board meeting, the board made a recommendation to City Council to use $29,000 for a conceptual plan for J.K. Sachse Park and to earmark up to $220,000 for the design and services of a consulting agency. Kimley-Horn and Associates took the Parks and Recreation Board recommendation and the Municipal Development District Board recommendation and created 2 concepts to present to the board today.

RECOMMENDATION

Staff is here to receive a recommendation to the City Council from the Municipal Development District Board on the J.K. Sachse Park concepts presented by Kimley-Horn.

Concept A - Phasing Plan.pdf (23,814 KB)

Concept B - Phasing Plan.pdf (24,288 KB)

JK Sachse Park-KH OPCC_Concept A Storm and Water_11-04-2020 -.pdf (502 KB)

JK Sachse Park-KH OPCC_Concept A_11-04-2020 -.pdf (566 KB)

JK Sachse Park-KH OPCC_Concept B Storm and Water_11-04-2020 -.pdf (503 KB)

JK Sachse Park-KH OPCC_Concept B_11-04-2020 -.pdf (560 KB)

J.K. SACHSE PARK

SACHSE, TX

CONCEPT A

Kimley»Horn

OCTOBER, 2020

Kimley»Horn

J.K. Sachse Park - Concept A

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1

Civil - Storm & Water

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Utilities					
Install 8" PVC Water Main w/ Fittings	lf	645	$ 70.00	$ 45,150.00	
Install 8" PVC Gate Valve	ea	10	$ 2,100.00	$ 21,000.00	
Bore 8" PVC Water Main (Under Ranchero Drive)	lf	80	$ 280.00	$ 22,400.00	
Install Fire Hydrant Assembly	ea	2	$ 5,000.00	$ 10,000.00	
Connect to Existing Water	ea	2	$ 2,500.00	$ 5,000.00	
Storm					
3-Grate Inlet	ea	1	$ 7,000.00	$ 7,000.00	
18" HDPE Pipe	lf	175	$ 100.00	$ 17,500.00	
12" HDPE Pipe	lf	500	$ 80.00	$ 40,000.00	
18" Area Drain	ea	5	$ 1,500.00	$ 7,500.00	
Connect to Existing Y-Inlet	ea	1	$ 1,000.00	$ 1,000.00	
Trench Safety	lf	675	$ 3.00	$ 2,025.00	
			Civil - Storm & Water	**$ 178,575.00**	
			PH 1 Subtotal	**$ 178,575.00**	
			CONTINGENCY 15%	$ 26,786.25	
			PH 1 TOTAL	**$ 205,361.25**	
Concept A Civil Storm & Water Grand Total				**$ 205,361.25**	

NOTE: The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Kimley»Horn

J.K. Sachse Park - Concept A

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1

Hardscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Pavilion	sf	1	$ 100,000.00	$ 100,000.00	30' x 60' Open air Pavilion. (Added 60% for concrete slab, stone, elec. and installation)
Park Entry Sign	ea	1	$ 20,000.00	$ 20,000.00	
Splash Pad	ea	1	$ 300,000.00	$ 300,000.00	Approx. 1500sqft with splash elements
Restroom	ea	1	$ 235,000.00	$ 235,000.00	Restroom & Pump Room for Splash Pad, 560sqft
Drinking Fountain	ea	1	$ 8,000.00	$ 8,000.00	Drinking fountain near restroom
Small Shade Structure	ea	1	$ 18,175.00	$ 18,175.00	12' x 24' structure installed
Sand Volleyball	ea	2	$ 50,000.00	$ 100,000.00	60'x30' Sand Volleyball Court w/ Edging
Paving					
Decomposed Granite	sf	360	$ 5.00	$ 1,800.00	3/8" Crushed Granite, seating areas
Vehicular Pavers	sf	800	$ 16.50	$ 13,200.00	Vehicular Pavers (Mortar Setting Bed on Concrete Slab), Food truck area only
Pedestrian Pavers	sf	3,340	$ 12.00	$ 40,080.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab), area around pavilion
Furnishings					
Steel Edge	lf	150	$ 5.25	$ 787.50	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
Picnic Tables	ea	10	$ 2,640.00	$ 27,807.00	Includes tax
Trash Receptacles	ea	5	$ 1,617.00	$ 10,899.00	Purchase all in PH 1, Install 2 Trash Receptacles in PH 3, includes tax
Benches	ea	13	$ 2,760.00	$ 38,694.00	Purchase all in PH 1, Install 4 Benches in PH 3, includes tax
			Hardscape Subtotal	**$ 914,442.50**	

Softscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	13	$ 400.00	$ 5,200.00	Average 2" Caliper
Shrubs					
Shrubs and Groundcover	sf	2,289	$ 4.50	$ 10,300.50	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	4,748	$ 0.55	$ 2,611.40	Bermuda Sod
Common Bermuda Seed	sf	113,372	$ 0.12	$ 13,604.64	Additional seeding for stabilization/Repair
Irrigation					
Irrigation - Permanent Shrub	sf	2,289	$ 1.25	$ 2,861.25	Drip Irrigation
Irrigation - Tree Bubblers	ea	13	$ 125.00	$ 1,625.00	One Per Tree
Irrigation - Turf	sf	991	$ 0.85	$ 842.35	Pop Ups and Small Rotors
Irrigation - temp.	sf	117,129	$ 0.15	$ 17,569.35	PVC pipe placed on-grade
Irrigation Components	ea	1	$ 10,000.00	$ 10,000.00	Meter
Miscellaneous					
Fine Grading	sf	7,037	$ 0.10	$ 703.70	Landscape Finish Grading
			Softscape Subtotal	**$ 65,318.19**	

Electrical

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 43,200.00	$ 43,200.00	Pole Lights/ Tree Lights/Volleyball Lights
Miscellaneous					
Electrical Hookups	ea	1	$ 29,400.00	$ 29,400.00	Pavilion, Restroom, splashpad, and food truck electrical

Kimley»Horn

Volleyball Lighting	ea	1	$ 9,600.00	$ 9,600.00	(2) 25' Volley Ball Light Poles
			Electrical Subtotal	**$ 82,200.00**	

Civil - General

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Demolition					
Clearing and Grubbing	ls	1	$ 9,000.00	$ 9,000.00	
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	2,893	$ 7.00	$ 20,251.00	Does not include slabs or enhanced paving areas.
Remove and Replace Existing Concrete Pavement for Proposed	ls	1	$ 10,000.00	$ 10,000.00	
Barrier Free Ramp	ea	2	$ 1,800.00	$ 3,600.00	
Install 6-Inch Monolithic Concrete Curb and Gutter	lf	20	$ 50.00	$ 1,000.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 30,000.00	$ 30,000.00	
Utilities					
Install 6" PVC Sanitary Sewer	lf	230	$ 75.00	$ 17,250.00	
Install 4' Sanitary Sewer Manhole	ea	1	$ 7,500.00	$ 7,500.00	
Trench Safety	lf	875	$ 3.00	$ 2,625.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 7,000.00	$ 7,000.00	
			Civil - General Subtotal	**$ 108,226.00**	
			PH 1 Subtotal	**$ 1,170,186.69**	
			CONTINGENCY 15%	$ 175,528.00	
			PH 1 TOTAL	**$ 1,345,714.69**	

Phase 2

Hardscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Small Shade Structure	ea	1	$ 18,175.00	$ 18,175.00	12' x 24' structure installed for volleyball area
Paving					
Decomposed Granite	sf	314	$ 5.00	$ 1,570.00	3/8" Crushed Granite
Furnishings					
Steel Edge	lf	300	$ 5.25	$ 1,575.00	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
			Hardscape Subtotal	**$ 21,320.00**	

Softscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Large Canopy	ea	23	$ 600.00	$ 13,800.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	6,216	$ 4.50	$ 27,972.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	9,936	$ 0.55	$ 5,464.80	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	6,216	$ 1.25	$ 7,770.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	23	$ 125.00	$ 2,875.00	One Per Tree
Irrigation - Turf	sf	9,936	$ 0.85	$ 8,445.60	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	16,152	$ 0.10	$ 1,615.20	Landscape Finish Grading
			Softscape Subtotal	**$ 67,942.60**	

Kimley»Horn

Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 42,600.00	$ 42,600.00	Pole Lights/Bollards
			Electrical Subtotal	$ 42,600.00	

Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	5,736	$ 7.00	$ 40,152.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	2	$ 1,800.00	$ 3,600.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 20,000.00	$ 20,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 5,000.00	$ 5,000.00	
			Civil Subtotal	$ 68,752.00	
			PH 2 Subtotal	$ 200,614.60	
			CONTINGENCY 15%	$ 30,092.19	
			PH 2 TOTAL	$ 230,706.79	

Phase 3

Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Playground	ea	1	$ 250,000.00	$ 250,000.00	
Playground shade	ea	1	$ 60,000.00	$ 60,000.00	Shade Sails
Playground surfacing	ea	1	$ 18,000.00	$ 18,000.00	Engineered Wood Fiber
Paving					
Decomposed Granite	sf	2,177	$ 5.00	$ 10,885.00	3/8" Crushed Granite
Furnishings					
Steel Edge	lf	927	$ 5.25	$ 4,866.75	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
			Hardscape Subtotal	$ 343,751.75	

Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	4	$ 400.00	$ 1,600.00	Average 2" Caliper
Shrubs					
Shrubs and Groundcover	sf	1,718	$ 4.50	$ 7,731.00	Average 3 Gallon Material
Irrigation					
Irrigation - Permanent Shrub	sf	1,718	$ 1.25	$ 2,147.50	Drip Irrigation
Irrigation - Tree Bubblers	ea	4	$ 125.00	$ 500.00	One Per Tree
			Softscape Subtotal	$ 11,978.50	

Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 11,400.00	$ 11,400.00	Tree Lights / Pole Lights
			Electrical Subtotal	$ 11,400.00	
			PH 3 Subtotal	$ 367,130.25	

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			CONTINGENCY 15%	$	55,069.54
			PH 3 TOTAL	**$**	**422,199.79**

Phase 4

Softscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	12	$ 400.00	$ 4,800.00	Average 2" Caliper
Trees - Large Canopy	ea	48	$ 600.00	$ 28,800.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	5,750	$ 4.50	$ 25,875.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	61,436	$ 0.55	$ 33,789.80	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	5,750	$ 1.25	$ 7,187.50	Drip Irrigation
Irrigation - Tree Bubblers	ea	60	$ 125.00	$ 7,500.00	One Per Tree
Irrigation - Turf	sf	61,436	$ 0.85	$ 52,220.60	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	67,078	$ 0.10	$ 6,707.80	Landscape Finish Grading
			Softscape Subtotal	**$**	**166,880.70**

Electrical

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 28,800.00	$ 28,800.00	Pole Lights/ Tree Lights
			Electrical Subtotal	**$**	**28,800.00**

Civil

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	8,056	$ 7.00	$ 56,392.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	4	$ 1,800.00	$ 7,200.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 40,000.00	$ 40,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 5,000.00	$ 5,000.00	
			Civil Subtotal	**$**	**108,592.00**
			PH 4 Subtotal	**$**	**304,272.70**
			CONTINGENCY 15%	$	45,640.91
			PH 4 TOTAL	**$**	**349,913.61**

Phase 5

Hardscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Pickleball Court	ea	1	$ 65,000.00	$ 65,000.00	Includes court, striping, and fencing
Outdoor Ping Pong Table	ea	3	$ 3,200.00	$ 9,600.00	Doesn't include shipping.
Outdoor Cornhole	ea	2	$ 850.00	$ 1,700.00	1 unit equals set of 2. Doesn't include shipping.
Paving					
Decomposed Granite	sf	2,580	$ 5.00	$ 12,900.00	3/8" Crushed Granite
			Hardscape Subtotal	**$**	**89,200.00**

Kimley»Horn

Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	10	$ 400.00	$ 4,000.00	Average 2" Caliper
Trees - Large Canopy	ea	11	$ 600.00	$ 6,600.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	3,584	$ 4.50	$ 16,128.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	5,590	$ 0.55	$ 3,074.50	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	3,584	$ 1.25	$ 4,480.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	21	$ 125.00	$ 2,625.00	One Per Tree
Irrigation - Turf	sf	5,590	$ 0.85	$ 4,751.50	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	9,174	$ 0.10	$ 917.40	Landscape Finish Grading
			Softscape Subtotal	**$ 42,576.40**	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 27,540.00	$ 27,540.00	Pole Lights/ Tree Lights
			Electrical Subtotal	**$ 27,540.00**	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	3,913	$ 7.00	$ 27,391.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	3	$ 1,800.00	$ 5,400.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 10,000.00	$ 10,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 5,000.00	$ 5,000.00	
			Civil Subtotal	**$ 47,791.00**	
			PH 5 Subtotal	**$ 207,107.40**	
			CONTINGENCY 15%	$ 31,066.11	
			PH 5 TOTAL	**$ 238,173.51**	
Phase 6					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Splash Pad Expansion	ea	1	$ 100,000.00	$ 100,000.00	Expanding variety of splash elements and pad size
			PH 6 Subtotal	**$ 100,000.00**	
			CONTINGENCY 15%	$ 15,000.00	
			PH 6 TOTAL	**$ 115,000.00**	
			Concept A Grand Total	**$ 2,701,708.39**	

Kimley»Horn

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PH 1 TOTAL	$	1,345,714.69
PH 2 TOTAL	$	230,706.79
PH 3 TOTAL	$	422,199.79
PH 4 TOTAL	$	349,913.61
PH 5 TOTAL	$	238,173.51
PH 6 TOTAL	$	115,000.00
TOTAL	$	2,701,708.39

J.K. SACHSE PARK

SACHSE, TX

CONCEPT B

Kimley»Horn

OCTOBER, 2020

Kimley»Horn

J.K. Sachse Park - Concept B

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1

Civil - Storm & Water

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Utilities					
Install 8" PVC Water Main w/ Fittings	lf	645	$ 70.00	$ 45,150.00	
Install 8" PVC Gate Valve	ea	10	$ 2,100.00	$ 21,000.00	
Bore 8" PVC Water Main (Under Ranchero Drive)	lf	80	$ 280.00	$ 22,400.00	
Install Fire Hydrant Assembly	ea	2	$ 5,000.00	$ 10,000.00	
Connect to Existing Water	ea	2	$ 2,500.00	$ 5,000.00	
Storm					
3-Grate Inlet	ea	1	$ 7,000.00	$ 7,000.00	
18" HDPE Pipe	lf	175	$ 100.00	$ 17,500.00	
12" HDPE Pipe	lf	500	$ 80.00	$ 40,000.00	
18" Area Drain	ea	5	$ 1,500.00	$ 7,500.00	
Connect to Existing Y-Inlet	ea	1	$ 1,000.00	$ 1,000.00	
Trench Safety	lf	675	$ 3.00	$ 2,025.00	
Civil Storm & Water Subtotal				**$ 178,575.00**	
PH 1 Subtotal				**$ 178,575.00**	
CONTINGENCY 15%				$ 26,786.25	
PH 1 TOTAL				**$ 205,361.25**	
Concept B Civil Storm & Water Grand Total				**$ 205,361.25**	

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Kimley»Horn

J.K. Sachse Park - Concept B

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1

Hardscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Pavilion	ea	1	$ 100,000.00	$ 100,000.00	30' x 60' Open air Pavilion. (Added 60% for concrete slab, stone, elec. and installation)
Small Shade Structures	ea	1	$ 18,175.00	$ 19,425.00	12' x 24' structure installed
Playground	ea	1	$ 250,000.00	$ 250,000.00	Doesn't include surfacing
Playground shade	ea	1	$ 60,000.00	$ 60,000.00	Shade Sails
Playground surfacing	ea	1	$ 18,000.00	$ 18,000.00	Engineered Wood Fiber
Park Entry Sign	ea	1	$ 20,000.00	$ 20,000.00	
Paving					
Sand Volleyball	ea	2	$ 50,000.00	$ 100,000.00	60'x30' Sand Volleyball Court w/ Edging
Decomposed Granite	sf	2,251	$ 5.00	$ 11,255.00	3/8" Crushed Granite
Vehicular Pavers	sf	630	$ 16.50	$ 10,395.00	Vehicular Pavers (Mortar Setting Bed on Concrete Slab)
Pedestrian Pavers	sf	3,481	$ 12.00	$ 41,772.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab)
Furnishings					
Picnic Tables	ea	10	$ 2,640.00	$ 29,040.00	Includes Tax/Shipping
Trash Receptacles	ea	4	$ 1,617.00	$ 7,115.00	Purchase all in PH 1, Install 1 Trash Receptacle in PH 3, includes tax/shipping
Benches	ea	15	$ 2,760.00	$ 45,540.00	Purchase all in PH 1, Install 2 benches in PH 3, includes tax/shipping
			Hardscape Subtotal	**$ 712,542.00**	

Softscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	15	$ 400.00	$ 6,000.00	Average 2" Caliper
Trees - Large Canopy	ea	14	$ 600.00	$ 8,400.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	9,456	$ 4.50	$ 42,552.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	7,209	$ 0.55	$ 3,964.95	Bermuda Sod
Common Bermuda Seed	sf	87,646	$ 0.12	$ 10,517.52	Additional seeding for stabilization/Repair
Irrigation					
Irrigation - Permanent Shrub	sf	9,456	$ 1.25	$ 11,820.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	29	$ 125.00	$ 3,625.00	One Per Tree
Irrigation - Turf	sf	7,209	$ 0.85	$ 6,127.65	Pop Ups and Small Rotors
Irrigation Components	ea	1	$ 10,000.00	$ 10,000.00	Meter
Irrigation - temp.	sf	87,646	$ 0.15	$ 13,146.90	PVC pipe placed on-grade
Miscellaneous					
Fine Grading	sf	17,213	$ 0.10	$ 1,721.30	Landscape Finish Grading
			Softscape Subtotal	**$ 117,875.32**	

Electrical

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 57,240.00	$ 57,240.00	Pole Lights/ Bollards
Miscellaneous					
Electrical Hookups	ea	1	$ 10,200.00	$ 10,200.00	Food Truck Hookups / Pavilion Electrical

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Volleyball Lighting	ea	1	$ 9,600.00	$ 9,600.00	(2) 25' Volley Ball Light Poles
			Electrical Subtotal	**$ 77,040.00**	

Civil - General

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Demolition					
Clearing and Grubbing	ls	1	$ 9,000.00	$ 9,000.00	
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	6,032	$ 7.00	$ 42,224.00	Does not include slabs or enhanced paving areas.
Remove and Replace Existing Concrete Pavement for Proposed	ls	1	$ 10,000.00	$ 10,000.00	
Barrier Free Ramp	ea	4	$ 1,800.00	$ 7,200.00	
Install 6-Inch Monolithic Concrete Curb and Gutter	lf	20	$ 50.00	$ 1,000.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 40,000.00	$ 40,000.00	
Utilities					
Install 6" PVC Sanitary Sewer	lf	230	$ 75.00	$ 17,250.00	
Install 4' Sanitary Sewer Manhole	ea	1	$ 7,500.00	$ 7,500.00	
Trench Safety	lf	875	$ 3.00	$ 2,625.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 7,000.00	$ 7,000.00	
			Civil - General Subtotal	**$ 143,799.00**	
			PH 1 Subtotal	**$ 1,051,256.32**	
			CONTINGENCY 15%	$ 157,688.45	
			PH 1 TOTAL	**$ 1,208,944.77**	

Phase 2

Hardscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Restroom	ea	1	$ 250,000.00	$ 250,000.00	Restroom & Pump Room for Splash Pad
Drinking Fountain	ea	1	$ 8,000.00	$ 8,000.00	Drinking fountain near restroom
Paving					
Decomposed Granite	sf	2,249	$ 5.00	$ 11,245.00	3/8" Crushed Granite
			Hardscape Subtotal	**$ 269,245.00**	

Softscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Large Canopy	ea	10	$ 600.00	$ 6,000.00	3" Caliper
Groundcover					
Sod - Common Bermuda	sf	14,613	$ 0.55	$ 8,037.15	Bermuda Sod
Irrigation					
Irrigation - Tree Bubblers	ea	10	$ 125.00	$ 1,250.00	One Per Tree
Irrigation - Turf	sf	14,613	$ 0.85	$ 12,421.05	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	14,613	$ 0.10	$ 1,461.30	Landscape Finish Grading
			Softscape Subtotal	**$ 29,169.50**	

Electrical

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 70,800.00	$ 70,800.00	Pole Lights/ Bollards

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Miscellaneous					
Electrical Hookups	ea	1	$ 15,000.00	$ 15,000.00	Electrical service and hookups to restroom
			Electrical Subtotal	**$ 87,261.30**	
Civil					
ITEM	**UNIT**	**QTY.**	**UNIT COST**	**TOTAL**	**REMARKS**
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	12,496	$ 7.00	$ 87,472.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	7	$ 1,800.00	$ 12,600.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 40,000.00	$ 40,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 5,000.00	$ 5,000.00	
			Civil Subtotal	**$ 145,072.00**	
			PH 2 Subtotal	**$ 530,747.80**	
			CONTINGENCY 15%	$ 79,612.17	
			PH 2 TOTAL	**$ 610,359.97**	
Phase 3					
Hardscape					
ITEM	**UNIT**	**QTY.**	**UNIT COST**	**TOTAL**	**REMARKS**
Structures					
Interactive Water Feature	ea	1	$ 400,000.00	$ 400,000.00	
Paving					
Pedestrian Pavers	sf	208	$ 12.00	$ 2,496.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab)
			Hardscape Subtotal	**$ 402,496.00**	
Electrical					
ITEM	**UNIT**	**QTY.**	**UNIT COST**	**TOTAL**	**REMARKS**
Lighting					
Pedestrian Lights	ea	1	$ 9,000.00	$ 9,000.00	Pole Lights
Miscellaneous					
Electrical Hookups	ea	1	$ 4,200.00	$ 4,200.00	Electrical service to power and pump interactive water feature
			Electrical Subtotal	**$ 13,200.00**	
			PH 3 Subtotal	**$ 415,696.00**	
			CONTINGENCY 15%	$ 62,354.40	
			PH 3 TOTAL	**$ 478,050.40**	
Phase 4					
Hardscape					
ITEM	**UNIT**	**QTY.**	**UNIT COST**	**TOTAL**	**REMARKS**
Structures					
Outdoor Gym	ea	1	$ 30,000.00	$ 30,000.00	Doesn't include surfacing
Paving					
Pedestrian Pavers	sf	400	$ 12.00	$ 4,800.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab)
			Hardscape Subtotal	**$ 34,800.00**	
Softscape					
ITEM	**UNIT**	**QTY.**	**UNIT COST**	**TOTAL**	**REMARKS**

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Trees					
Trees - Ornamental	ea	9	$ 400.00	$ 3,600.00	Average 2" Caliper
Trees - Large Canopy	ea	8	$ 600.00	$ 4,800.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	7,757	$ 4.50	$ 34,906.50	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	5,000	$ 0.55	$ 2,750.00	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	7,757	$ 1.25	$ 9,696.25	Drip Irrigation
Irrigation - Tree Bubblers	ea	17	$ 125.00	$ 2,125.00	One Per Tree
Irrigation - Turf	sf	5,000	$ 0.85	$ 4,250.00	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	12,757	$ 0.10	$ 1,275.70	Landscape Finish Grading
			Softscape Subtotal	**$ 63,403.45**	

Electrical

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 30,600.00	$ 30,600.00	Pole Lights/Tree Lights
			Electrical Subtotal	**$ 30,600.00**	

Civil

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	$ 10,000.00	$ 10,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 5,000.00	$ 5,000.00	
			Civil Subtotal	**$ 15,000.00**	
			PH 4 Subtotal	**$ 143,803.45**	
			CONTINGENCY 15%	$ 21,570.52	
			PH 4 TOTAL	**$ 165,373.97**	

Phase 5

Hardscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Small Shade Structures	ea	1	$ 16,800.00	$ 18,050.00	12' x 24' structure installed
Paving					
Decomposed Granite	sf	435	$ 5.00	$ 2,175.00	3/8" Crushed Granite
Furnishings					
Raised Seat Wall	lf	45	$ 175.00	$ 7,875.00	18" Height
Limestone Block Seating	ea	17	$ 900.00	$ 15,300.00	
Steel Edge	lf	1,963	$ 5.25	$ 10,305.75	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
			Hardscape Subtotal	**$ 53,705.75**	

Softscape

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	18	$ 400.00	$ 7,200.00	Average 2" Caliper
Trees - Large Canopy	ea	27	$ 600.00	$ 16,200.00	3" Caliper
Shrubs					

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Shrubs and Groundcover	sf	26,000	$ 4.50	$ 117,000.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	14,907	$ 0.55	$ 8,198.85	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	26,000	$ 1.25	$ 32,500.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	45	$ 125.00	$ 5,625.00	One Per Tree
Irrigation - Turf	sf	14,907	$ 0.85	$ 12,670.95	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	40,907	$ 0.10	$ 4,090.70	Landscape Finish Grading
			Softscape Subtotal	**$ 203,485.50**	

Electrical

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	$ 6,360.00	$ 6,360.00	Tree Lights
			Electrical Subtotal	**$ 6,360.00**	

Civil

ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Earthwork					
Cut/Fill	ls	1	$ 10,000.00	$ 10,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	$ 5,000.00	$ 5,000.00	
			Civil Subtotal	**$ 15,000.00**	
			PH 5 Subtotal	**$ 278,551.25**	
			CONTINGENCY 15%	$ 41,782.69	
			PH 5 TOTAL	**$ 320,333.94**	
			Concept B Grand Total	**$ 2,783,063.04**	

NOTE: The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

PH 1 TOTAL	**$ 1,208,944.77**
PH 2 TOTAL	**$ 610,359.97**
PH 3 TOTAL	**$ 478,050.40**
PH 4 TOTAL	**$ 165,373.97**
PH 5 TOTAL	**$ 320,333.94**
TOTAL	**$ 2,783,063.04**

The City of SACHSE

Agenda Item Details

Meeting	Nov 12, 2020 - Municipal Development District Board Meeting
Category	A. Regular Meeting
Subject	5. Request for future agenda items.
Access	Public
Type	Discussion, Information

Public Content

The City of SACHSE

Agenda Item Details

Meeting	Nov 12, 2020 - Municipal Development District Board Meeting
Category	A. Regular Meeting
Subject	6. Set upcoming board meeting date.
Access	Public
Type	Discussion, Information

Public Content