



Estimated Order of Magnitude Opinion of Probable Cost
Project: Mercer Park
TNP Project No.: FAR22129
Location: Farmers Branch, Texas

825 Watters Creek Boulevard, Suite M300
Allen, Texas 75013
Texas Registration #F-230
(214) 461-9867
Date: January 30, 2025
By: JP & JM

CONCEPTUAL DESIGN

DESCRIPTION OF ITEMS	QUANTITY	UNIT	UNIT COST	TOTAL
GENERAL				
Mobilization	1	LS	\$113,000	\$113,000
Stormwater Pollution Prevention Plan & Erosion Control, Complete in Place, Inc. Maintenance & Removal	1	LS	\$5,000	\$5,000
Grading Sub-Total:				\$118,000
GRADING				
Unclassified Excavation	6,622	CY	\$10	\$66,220
Select Fill (Assumed 2 feet of select fill under Tennis and Pickle Ball Courts)	935	CY	\$75	\$70,125
4' Tall Concrete Retaining Wall	800	FF	\$80	\$64,000
Grading Sub-Total:				\$200,345
SITE FEATURES				
Furnish & Install site lighting (sport court lighting)	10	EA	\$15,000	\$150,000
Furnish & Install site lighting (pedestrian poles)	10	EA	\$5,000	\$50,000
Furnish & Install Electrical Infrastructure for lighting	1	LS	\$50,000	\$50,000
Furnish & Install Water Meter & Box	2	EA	\$2,700	\$5,400
Furnish & Install 1" Water Service Line	100	LF	\$30	\$3,000
Furnish & Install Backflow Preventer	2	EA	\$5,000	\$10,000
CRS Prefabricated Pavilion (20x30)	1	EA	\$54,000	\$54,000
Post-Tensioned Slab Half Basketball Court (Design & Build)	1	LS	\$50,000	\$50,000
Basketball Goal	4	EA	\$5,000	\$20,000
Tennis Court	1	EA	\$100,000	\$100,000
Pickleball Court	3	EA	\$50,000	\$150,000
10' Black Vinyl Coated Fence	840	LF	\$90	\$75,600
Dumor Bench	9	EA	\$2,000	\$18,000
Dumor Trash Receptacle	10	EA	\$2,200	\$22,000
Dumor Picnic Table	12	EA	\$3,000	\$36,000
Dumor Picnic Table (ADA)	3	EA	\$3,000	\$9,000
Park Sign	1	EA	\$15,000	\$15,000
Small Park Wayfinding Signs	6	EA	\$800	\$4,800
Drinking Fountain w/ Refill Station	2	EA	\$9,650	\$19,300
Charcoal Grill	2	EA	\$2,500	\$5,000
Miracle Playground Structure w/ Swing Set (Ages 2-5)	1	EA	\$160,000	\$160,000
Shade Structure for Playground (Ages 2-5)	1	EA	\$75,000	\$75,000
Miracle Playground Structure w/ Swing Set (Ages 5-12)	1	EA	\$200,000	\$200,000
Shade Structure for Playground (Ages 5-12)	1	EA	\$130,000	\$130,000
P.I.P. Rubberized Surface	8,300	SF	\$20	\$166,000
Furnish & Install 12"x12" Area Drain	4	EA	\$3,000	\$12,000
Furnish & Install 12" HDPE Pipe	200	LF	\$140	\$28,000
Furnish & Install 6" HDPE Pipe	150	LF	\$134	\$20,100
Furnish & Install 4" Subsoil Drain	435	LF	\$133	\$57,855
Furnish & Install Sloped Headwall (For 6" playground drain)	1	EA	\$500	\$500
Connect to Exist. Storm Drain	1	EA	\$1,500	\$1,500
4" Concrete Flatwork at playground area	1,800	SY	\$80.00	\$144,000
Site Features:				\$1,842,055
LANDSCAPE				
Landscape General Costs	1	LS	\$200,000.00	\$200,000
Tif 419 Bermuda Sod	18,700	SF	\$0.45	n/a
Sahara II Hydromulch	76,000	SF	\$0.12	n/a
4" Cal. Tree	51	EA	\$850	n/a
45 Gallon Ornamental Tree	10	EA	\$350	n/a
3 Gallon Shrub	200	EA	\$25.00	n/a
5 Gallon Shrub	100	EA	\$45.00	n/a
7 Gallon Shrub	30	EA	\$65.00	n/a
Motorolla Irrigation Controller	1	EA	\$8,000.00	n/a
Irrigation	94,700	SF	\$1.00	n/a
Landscape				\$200,000
TOTAL				\$2,360,400



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This Engineer's opinion of probable cost is made on the basis of the Engineer's experience and best judgment as a design professional. This opinion of probable cost does not include city fees; such as easement acquisition, permits, and application fees among others. It must be recognized that any evaluation of work to be performed to construct this project must be by necessity and is speculative in nature until completion of its actual detailed design. In addition the Engineer has no control over the cost of labor, materials or services to be furnished by others or over market conditions. Accordingly, TNP Inc. cannot guarantee that actual costs will not vary from the opinions expressed herein.

Note: 20% contingency is being used to account for preliminary stage of design and rising prices for fuel, steel, PVC, concrete, and material supply chain issues.

<input checked="" type="checkbox"/> No Design Completed <input type="checkbox"/> Preliminary Design <input type="checkbox"/> Final Design	SUBTOTAL, Phase 1, By City only	\$2,360,400
	CONTINGENCY 20% (+/-)	\$472,080
	Design fee	\$229,550
	TOTAL	\$3,062,000