

**Estimator: David Adams**

**Hidalgo County Precinct 2- Regional Linear  
Park Project Phase II Park Project**

Estimate Scope: Regional Linear Park Project - Phase 2  
300 W Hall Acres, Suite G  
Pharr, TX 78577

**Division Summary (MF04)**

01 - General Requirements	\$19,740.00
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	\$3,937.50
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	\$5,100.00
12 - Furnishings	\$2,450.00
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	\$100,093.10
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
25 - Integrated Automation	

**Totalling Components**

Priced Line Items	\$331,234.40
RSMeans MCALLEN, TX CCI 2020Q4, 82.30%	\$(58,628.49)
Contractors Coefficient ( )	

26 - Electrical	\$16,931.20
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	\$26,181.00
32 - Exterior Improvements	\$139,224.00
33 - Utilities	\$17,577.60
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$20,390.00
Trades	
Assemblies	
FMR	
<b>MF04 Total (Without totalling components)</b>	<b>\$351,624.40</b>

Nonpriced Line Items	\$20,390.00
Nonpriced Contractors Coefficient (30.0000%)	\$6,117.00

**Grand Total** **\$299,112.91**

# Final Estimate

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## Hidalgo County Precinct 2- Regional Linear Park Project Phase II

Item	Description	UM	Quantity	Unit Cost	Total	Book
<b>01 - General Requirements</b>						
1	01-31-13-20-0200	Field personnel, project manager, average	Week	4.0000	\$4,000.00	\$16,000.00 RSM20FAC L, O&P
2	01-54-36-50-1200	Mobilization or demobilization, delivery charge for small equipment, placed in rear of, or towed by pickup truck	Ea.	2.0000	\$215.00	\$430.00 RSM20FAC L, E, O&P
3	01-54-36-50-1300	Mobilization or demobilization, delivery charge for equipment, hauled on 3-ton capacity towed trailer	Ea.	2.0000	\$350.00	\$700.00 RSM20FAC L, E, O&P
4	01-54-36-50-1400	Mobilization or demobilization, delivery charge for equipment, hauled on 20-ton capacity towed trailer	Ea.	2.0000	\$890.00	\$1,780.00 RSM20FAC L, E, O&P
5	01-74-13-20-0052	Cleaning up, cleanup of floor area, continuous, per day, during construction	M.S.F.	10.0000	\$83.00	\$830.00 RSM20FAC M, L, E, O&P
<b>01 - General Requirements Total</b>						<b>\$19,740.00</b>
<b>07 - Thermal and Moisture Protection</b>						
6	07-76-16-10-1100	Roof pavers and supports, concrete blocks, colors, 2" thick 50 Square Yards 50*9 = 450.00	S.F.	450.0000	\$8.75	\$3,937.50 RSM20FAC M, L, O&P
<b>07 - Thermal and Moisture Protection Total</b>						<b>\$3,937.50</b>
<b>11 - Equipment</b>						
7	11-68-13-10-0394	Playground equipment, fitness trail, bench stepper station	Ea.	2.0000	\$2,550.00	\$5,100.00 RSM20FAC M, L, O&P
<b>11 - Equipment Total</b>						<b>\$5,100.00</b>
<b>12 - Furnishings</b>						
8	12-93-13-10-0070	Rack, bicycle, S curve type, galvanized, 1-7/8" OD steel pipe, surface, 9 bike capacity	Ea.	2.0000	\$485.00	\$970.00 RSM20FAC M, L, O&P
9	12-93-23-10-3020	Trash receptacles, galvanized steel frame and panels, leg base, silk screen on enamel finish, poly bag retainer, 40 gallon capacity	Ea.	2.0000	\$740.00	\$1,480.00 RSM20FAC M, L, O&P
<b>12 - Furnishings Total</b>						<b>\$2,450.00</b>
<b>22 - Plumbing</b>						
10	22-05-23-60-1250	Valves, plastic, PVC, ball, true union, socket or threaded, 1" 1+1+1 = 3.00	Ea.	3.0000	\$95.50	\$286.50 RSM20FAC M, L, O&P
11	22-05-23-60-1270	Valves, plastic, PVC, ball, true union, socket or threaded, 1-1/2"	Ea.	1.0000	\$135.00	\$135.00 RSM20FAC M, L, O&P
12	22-05-23-60-1280	Valves, plastic, PVC, ball, true union, socket or threaded, 2" 1+1 = 2.00	Ea.	2.0000	\$196.00	\$392.00 RSM20FAC M, L, O&P

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**22 - Plumbing**

Item	Description	UM	Quantity	Unit Cost	Total	Book
13	22-11-13-74-1870 Pipe, plastic, PVC, 3/4" diameter, schedule 40, includes couplings 10' OC, and hangers 3 per 10' 560+300+440+1000+600+100 = 3,000.00	L.F.	3,000.0000	\$21.50	\$64,500.00	RSM20FAC M, L, O&P
14	22-11-13-74-1870-2360 Pipe, plastic, PVC, 1/2" diameter to 1-1/4" diameter, schedule 40, to delete coupling and hangers, subtract (Modified using 22-11-13-74-2360) 560+300+440+1000+600+100 = 3,000.00	L.F.	3,000.0000	\$-10.98	\$(32,940.00)	RSM20FAC M, L, O&P
15	22-11-13-74-1880 Pipe, plastic, PVC, 1" diameter, schedule 40, includes couplings 10' OC, and hangers 3 per 10' 1000+100+280+1000+600+600 = 3,580.00	L.F.	3,580.0000	\$28.00	\$100,240.00	RSM20FAC M, L, O&P
16	22-11-13-74-1880-2360 Pipe, plastic, PVC, 1/2" diameter to 1-1/4" diameter, schedule 40, to delete coupling and hangers, subtract (Modified using 22-11-13-74-2360) 1000+100+280+1000+600+600 = 3,580.00	L.F.	3,580.0000	\$-14.43	\$(51,659.40)	RSM20FAC M, L, O&P
17	22-11-19-38-2100 Water supply meter, domestic/commercial, bronze, threaded, to 50 GPM, 1" diameter	Ea.	4.0000	\$231.00	\$924.00	RSM20FAC M, L, O&P
18	22-11-19-38-2360 Water supply meter, domestic/commercial, bronze, threaded/flanged, to 160 GPM, 2" diameter	Ea.	3.0000	\$680.00	\$2,040.00	RSM20FAC M, L, O&P
19	22-11-19-42-1030 Backflow preventer, double check principle, corrosion resistant, automatic operation, ball valves, threaded, 1" pipe size, includes valves and four test cocks 1+1+1 = 3.00	Ea.	3.0000	\$335.00	\$1,005.00	RSM20FAC M, L, O&P
20	22-11-19-42-1050 Backflow preventer, double check principle, corrosion resistant, automatic operation, ball valves, threaded, 2" pipe size, includes valves and four test cocks 1+1+1 = 3.00	Ea.	3.0000	\$850.00	\$2,550.00	RSM20FAC M, L, O&P
21	22-47-13-10-8600 Drinking fountain, floor mounted, pedestal type, enameled iron, heavy duty service, 2 bubblers, for connection to cold water supply	Ea.	2.0000	\$4,450.00	\$8,900.00	RSM20FAC M, L, O&P
22	22-47-13-10-8600-8880 Drinking fountain, floor mounted, pedestal type, for connection to cold water supply, for freeze-proof valve system, add (Modified using 22-47-13-10-8880)	Ea.	2.0000	\$1,175.00	\$2,350.00	RSM20FAC M, L, O&P
23	22-47-13-10-8600-8900 Drinking fountain, floor mounted, pedestal type, for connection to cold water supply, for rough-in, supply and waste, add (Modified using 22-47-13-10-8900)	Ea.	2.0000	\$685.00	\$1,370.00	RSM20FAC M, L, O&P
<b>22 - Plumbing Total</b>						<b>\$100,093.10</b>

**26 - Electrical**

24	26-05-23-10-0300 Control cable, copper, THHN wire with PVC jacket, 600 V, 8 wires, #14 15+2.5+2.0+15+7.7+15 = 57.20	C.L.F.	57.2000	\$296.00	\$16,931.20	RSM20FAC M, L, O&P
<b>26 - Electrical Total</b>						<b>\$16,931.20</b>

**31 - Earthwork**

25	31-23-16-14-0100 Excavating, chain trencher, utility trench, common earth, 12 HP, 4" wide, 12" deep, operator walking	L.F.	13,900.0000	\$1.05	\$14,595.00	RSM20FAC L, E, O&P
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**31 - Earthwork**

Item	Description	UM	Quantity	Unit Cost	Total	Book
3000+3580+500+6820 = 13,900.00						
26	31-23-16-14-0100-1050 Excavating, chain trencher, utility trench, common earth, 4" wide, 12" deep, backfill by hand, includes compaction, add (Modified using 31-23-16-14-1050) 3000+3580+500+6820 = 13,900.00	L.F.	13,900.0000	\$0.74	\$10,286.00	RSM20FAC L, E, O&P
27	31-37-13-10-0110 Rip-rap and rock lining, random, broken stone, 3/8 to 1/4 C.Y. pieces, machine placed for slope protection, grouted	S.Y.	10.0000	\$130.00	\$1,300.00	RSM20FAC M, L, E, O&P
<b>31 - Earthwork Total</b>						<b>\$26,181.00</b>

**32 - Exterior Improvements**

28	32-16-13-13-0406 Cast-in place concrete curbs & gutters, concrete, wood forms, radius, 6" x 18", includes concrete	L.F.	732.0000	\$27.00	\$19,764.00	RSM20FAC M, L, O&P
29	32-84-23-10-1080 Underground sprinklers irrigation system, for lawns, pop-up bubbler head w/risers, Ea. hi-pop head, 4", includes mechanical joints, excludes piping, excavation and backfill	Ea.	161.0000	\$24.50	\$3,944.50	RSM20FAC M, L, O&P
30	32-84-23-10-1310 Underground sprinklers irrigation system, for lawns, electric remote control valve, plastic, 1", 5-30 GPM, 15-125 psi, excludes piping, excavation and backfill 1+1+1+3+2+1 = 9.00	Ea.	9.0000	\$105.00	\$945.00	RSM20FAC M, L, O&P
31	32-84-23-10-1320 Underground sprinklers irrigation system, for lawns, electric remote control valve, plastic, 1-1/2", 5-30 GPM, 15-125 psi, excludes piping, excavation and backfill 2 = 2.00	Ea.	2.0000	\$187.00	\$374.00	RSM20FAC M, L, O&P
32	32-84-23-10-1330 Underground sprinklers irrigation system, for lawns, electric remote control valve, plastic, 2", 5-30 GPM, 15-125 psi, excludes piping, excavation and backfill 1 = 1.00	Ea.	1.0000	\$216.00	\$216.00	RSM20FAC M, L, O&P
33	32-84-23-10-1340 Underground sprinklers irrigation system, for lawns, quick coupling valves, brass, locking cover, inlet coupling valve, 3/4", excludes piping, excavation and backfill	Ea.	6.0000	\$102.00	\$612.00	RSM20FAC M, L, O&P
34	32-84-23-10-1400 Underground sprinklers irrigation system, for lawns, electromechanical control, 14 day, 3 - 60 minutes, auto start to 23/day, 7 station, excludes piping, excavation and backfill	Ea.	6.0000	\$2,350.00	\$14,100.00	RSM20FAC M, L, O&P
35	32-84-23-10-1490 Underground sprinklers irrigation system, for lawns, pressure vacuum breaker, brass, 15 - 150 psi, 1" 1+1+1+1+1+1 = 6.00	Ea.	6.0000	\$310.00	\$1,860.00	RSM20FAC M, L, O&P
36	32-91-13-16-1300 Soil preparation, mulching, stone mulch, granite chips, hand spread	C.Y.	2.0000	\$252.00	\$504.00	RSM20FAC M, L, O&P
37	32-91-13-23-5000 Soil preparation, structural soil mixing, spread topsoil, skid steer loader and hand dress	C.Y.	130.0000	\$36.00	\$4,680.00	RSM20FAC M, L, E, O&P
38	32-93-13-20-0400 Ground cover and vines, english ivy, bare root, 1 year, includes planting only, excludes preparation of beds 120 frog fruit plants	C	1.2000	\$295.00	\$354.00	RSM20FAC M, L, O&P

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**32 - Exterior Improvements**

Item	Description	UM	Quantity	Unit Cost	Total	Book
39 32-93-33-10-0550	Shrubs and trees, evergreen, in prepared beds, holly, Savannah, B&B, 8' - 10' H, in prepared beds Yaupon Holly - 6 Mexican Poiniana - 3 Espiranza - 15  6+3+15 = 24.00	Ea.	24.0000	\$495.00	\$11,880.00	RSM20FAC M, L, O&P
40 32-93-33-20-1200	Shrubs, rosemary, B&B, 1 gallon container, planted in prepared beds Duranta - 5 Mistflower - 5 Lantana - 6 Velvet leaf - 4 Firecrackr plant - 2 Green Cloud sege - 5 Bird of Paradise - 6 Butterfly bush 1 Dwarf Holly - 5 Turks Cap - 14 Barbados Cherry - 17 Golden Eye Daisy - 5 Red Sage - 11 Petunia - 8 Red Yucca - 6 Scarlet Sage - 29 5+5+6+4+2+5+6+1+5+14+17+5+11+8+6+29 = 129.00	Ea.	129.0000	\$24.50	\$3,160.50	RSM20FAC M, L, O&P
41 32-93-43-20-0500	Deciduous trees, crabapple, balled & burlapped (B&B), 6' - 8', in prepared beds Ebony - 2 Anaqua - 2 Mesquite - 2 Brasil - 2 Wild Olive - 7  2+2+2+2+7 = 15.00	Ea.	15.0000	\$330.00	\$4,950.00	RSM20FAC Gm, M, L, E, O&P
42 32-93-43-20-1800	Deciduous trees, oak, balled & burlapped (B&B), 2-1/2"-3" caliper, in prepared beds Live Oak - 35 Baldcypress - 20 Bur Oak - 20 35+20+20 = 75.00	Ea.	75.0000	\$905.00	\$67,875.00	RSM20FAC Gm, M, L, E, O&P
43 32-93-43-20-2800	Deciduous trees, willow, balled & burlapped (B&B), 6' - 8', 1" caliper, in prepared beds Dessert Willow - 5 Texas Persimmon - 5 Texas Mount Laurel - 5	Ea.	15.0000	\$267.00	\$4,005.00	RSM20FAC Gm, M, L, E, O&P

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**32 - Exterior Improvements**

Item	Description	UM	Quantity	Unit Cost	Total	Book
	5+5+5 = 15.00					
<b>32 - Exterior Improvements Total</b>						<b>\$139,224.00</b>

**33 - Utilities**

44	33-14-13-25-2100	Water supply distribution piping, piping polyvinyl chloride, class 150, 1-1/2" diameter, excludes excavation or backfill, unless specified 100+400 = 500.00	L.F.	500.0000	\$2.01	\$1,005.00	RSM20FAC M, L, O&P
45	33-14-13-25-2120	Water supply distribution piping, piping polyvinyl chloride, class 150, 2" diameter, excludes excavation or backfill, unless specified 1500+660+1500+2000+1160 = 6,820.00	L.F.	6,820.0000	\$2.43	\$16,572.60	RSM20FAC M, L, O&P
<b>33 - Utilities Total</b>						<b>\$17,577.60</b>	

**Alternate**

46	12-93-23-10-0000	Steel Bench	Ea	2.0000	\$575.00	\$1,150.00	CUSTOM M, B
47	12-93-23-20-0000	Shade Structure	Ea	2.0000	\$6,155.00	\$12,310.00	CUSTOM M, B
48	32-93-43-20-0000	Palm Tree Min 4' Trunk height	Ea	18.0000	\$385.00	\$6,930.00	CUSTOM M, B
<b>Alternate Total</b>						<b>\$20,390.00</b>	

**Estimate Grand Total** **299,112.91**