

Engineered Construction Company Itemized Bid Received 10-18-18									
compared to									
Stewart Estimate of Probable Cost dated 06-22-17									
			Contractor's Unit Cost	Contractor's Sub- Total	Stewart Qty*		Stewart Unit Cost	Stewart Sub- Total**	Cost Over (Under) Est
Construction Item	QTY	Unit	Unit cost	Sub - Total Cost	QTY	Unit	Unit cost	Sub - Total Cost	
Construction Survey	1	LS			1	LS	\$6,000.00	\$6,000.00	
Construction Entrance	1	EA			1	EA	\$2,700.00	\$2,700.00	
Demolition - curb and gutter at driveway entrance	70	LF			63	LF	\$9.50	\$598.50	
Not in Itemized Bid - Overhead	1	LS		\$178,500.00					
Not in Itemized Bid - Performance & Payment Bonds	1	LS		\$19,909.00					
221113 Water - budget				\$98,190.00				\$51,328.00	Total W & S
1-1/2" copper water line	380	LF			400	LF	\$38.00	\$15,200.00	\$107,908.00
1-1/2" Valve	2	EA			1	EA	\$700.00	\$700.00	-\$9,718.00
1-1/2" x 12" Tapping Sleeve	1	EA			1	EA	\$2,750.00	\$2,750.00	
2" x 6" Tee	1	EA			1	EA	\$150.00	\$150.00	
4" x 8" Reducer	1	EA			1	EA	\$100.00	\$100.00	
Water Appurtenances and Backflow	1	EA			2	EA	\$3,250.00	\$6,500.00	
Pavement Repair (remove and replace)	1	LS			90	SY	\$19.00	\$1,710.00	
1-1/2" Water Meter - impact fee	0	EA			1	EA	\$18,518.00	\$18,518.00	
1-1/2" Meter Installation	1	EA			1	EA	\$600.00	\$600.00	
Water Main Tap	1	EA			1	EA	\$300.00	\$300.00	
Quick Coupler valve to assist with irrigation	1	EA			2	EA	\$150.00	\$300.00	
Fire Hydrant	1	EA			1	EA	\$4,500.00	\$4,500.00	
221313 Sewer	COST INCLUDED IN WATER ABOVE							\$56,580.00	
4" PVC Sewer Line	420	LF			419	LF	\$35.00	\$14,665.00	
4" DIP Sewer Line (8" DIP?)	43	LF			57	LF	\$45.00	\$2,565.00	
Tie to Ex. Manhole	1	EA			1	EA	\$2,100.00	\$2,100.00	
Cleanouts	3	EA			8	EA	\$600.00	\$4,800.00	
Curb remove and repair	70	LF			24	LF	\$25.00	\$600.00	
Sewer impact fee (1.5" meter)	0	EA			1	EA	\$31,584.00	\$31,584.00	
Road Pavement remove and repair	1	LS			14	SY	\$19.00	\$266.00	
311000 Site Clearing			INC. IN GRADING	\$550.00				\$12,750.00	(\$12,200.00)
Clearing and Grubbing - add'l for pump track	10.5	AC			1.5	AC	\$6,000.00	\$9,000.00	
Not in Itemized Bid - Soil Treatment				\$550.00					
Topsoil Removal and Stockpiling	2,150	CY			1,500	CY	\$2.50	\$3,750.00	
312000 Earth Moving				\$160,997.00				\$20,420.00	\$140,577.00
Rough Grading (cut/fill on site)	9,150	CY			1,000	CY	\$3.24	\$3,240.00	
Not in Itemized Bid - Footings and Backfill				\$5,716.00					
Fine Grade	5,140	SY		\$155,281.00	5,000	SY	\$1.50	\$7,500.00	
Import (plan on balancing on site)	0	CY			0	CY	\$25.00	\$0.00	
Respread Topsoil (4") (landscaped areas)	5,140	SY			4,840	SY	\$2.00	\$9,680.00	
312040 Erosion & Sediment Control		INCLUDES ROUGH GRADING		\$445,878.00				\$21,495.00	\$424,383.00
Silt Fence	2,665	LF			1,200	LF	\$4.00	\$4,800.00	
Tree Protection Fence	3,060	LF			2,000	LF	\$0.50	\$1,000.00	
temporary rock dam	7	EA			15	EA	\$50.00	\$750.00	
Silt Fence Outlet	22	EA			4	EA	\$15.00	\$60.00	

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Temporary Diversion Ditch	518	LF			500	LF	\$3.85	\$1,925.00	
Temporary Seeding	3,020	SY			800	SY	\$0.60	\$480.00	
Seeding stabilization	3,020	SY			800	SY	\$0.60	\$480.00	
Temporary Sediment Basin	1	EA			2	EA	\$6,000.00	\$12,000.00	
<b>321216 Asphalt Pavement and signage</b>				<b>\$67,520.00</b>				<b>\$26,198.66</b>	<b>\$41,321.34</b>
Parking Lot Surface Course -2" (9.5B) - 12,934 sf	12,934	SF		\$63,875.00	156	TON	\$85.71	\$13,370.76	
Roadway Base Course (6" ABC) -12,934 sf	12,934	SF			400	TON	\$20.95	\$8,380.00	
Parking Stall Striping	28	EA			28	EA	\$0.30	\$8.40	
Striping at Handicap Space	2	EA			2	EA	\$152.00	\$304.00	
Painted Markings (Stop Bars)	1	EA			1	EA	\$50.50	\$50.50	
Directional Arrows	Not Shown	EA			2	EA	\$105.00	\$210.00	
Handicap Signs	2	EA		\$1,650.00	2	EA	\$350.00	\$700.00	
Crosswalk Striping Allowance	2	EA			1	EA	\$175.00	\$175.00	
Misc. Regulatory & Informational Signage	1	LS		\$1,995.00	1	LS	\$3,000.00	\$3,000.00	
<b>Decomposed Granite Path</b>				<b>\$36,083.00</b>				<b>\$43,200.00</b>	<b>(\$7,117.00)</b>
Decomposed Granite Path with stabilizer	1,510	SY		\$36,083.00	13,200	sf	\$1.50	\$19,800.00	
					3,000	sf	\$1.50	\$4,500.00	

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					15,120	sf	\$1.25	\$18,900.00
<b>321313 Cast-In-Place Concrete</b>				<b>\$95,559.00</b>				<b>\$42,654.00</b>
Concrete Wheel Stops	26	EA			26	EA	\$75.00	\$1,950.00
Concrete Sidewalk (4" Thick) (No turn down edges)	1,525	SF		\$35,686.00	430	SY	\$48.00	\$20,640.00
<b>Not on itemized bid form - Concrete pad for picnic shelters</b>					243	SY	\$48.00	<b>\$11,664.00</b>
<b>Not in itemized bid - joint sealants</b>				<b>\$3,461.00</b>				
concrete pad for add alt shelter and amphitheater - 1580 sf	1,580	SF		\$56,412.00	175	SY	\$48.00	\$8,400.00
<b>329200 Lawns &amp; Grasses</b>				<b>\$41,988.00</b>				<b>\$8,775.00</b>
Turfgrass Seeding (Bermuda)	2,347	SY		\$23,463.00	7,400	SY	\$1.00	\$7,400.00
Pollination, Perennial and Wetland Garden seed mixes	Pounds ?	lb		\$18,525.00	50	lb	\$20.00	\$1,000.00
Switch Grass for stormwater Wetland	4,602	SF			5	flat	\$75.00	\$375.00
<b>329300 Plants</b>				<b>\$92,684.00</b>				<b>\$38,625.00</b>
Large Deciduous Canopy Trees - 4"caliper	1	EA		52851	1	EA	\$550.00	\$550.00
Evergreen Canopy Trees - 2.5", 8'	3	EA			31	EA	\$195.00	\$6,045.00
Deciduous Canopy Trees - 2.5"	5	EA			46	EA	\$375.00	\$17,250.00
Understory Trees - 2.5"	5	EA			26	EA	\$300.00	\$7,800.00
Large Shrubs	5	EA		\$1,319.00	33	EA	\$60.00	\$1,980.00
<b>Not in Itemized Bid - Mulch</b>				<b>\$12,850.00</b>				
<b>Add'l by Contractor (unspecified)</b>				<b>\$25,664.00</b>				
Perennial Plugs	4,750	SF			5,000	SF	\$1.00	\$5,000.00
<b>334100 Storm Drainage - Budget</b>	OTHING LISTED - MAYBE IN GRADING?			<b>\$19,039.00</b>				<b>\$41,731.60</b>
Wetland Riser	2	EA			1	EA	\$5,000.00	\$5,000.00
Wetland topsoil (On site Material)	35	CY			12	CY	\$40.00	\$480.00
RCP Drain Line - 18" Class III	230	LF			60	LF	\$33.56	\$2,013.60
FES	2	EA			1	EA	\$3,200.00	\$3,200.00
RipRap - Class A	24.0	TON			1.0	TON	\$38.00	\$38.00
Rainwater Harvesting Cisterns	5	EA		\$19,039.00	4	EA	\$7,500.00	\$30,000.00
underdrains at playground (stone and pipe)	0	LF			100	LF	\$10.00	\$1,000.00
<b>Buildings</b>	IC. STEEL, MASONRY, CARPENTRY, ETC.			<b>\$591,541.00</b>				<b>\$675,000.00</b>
Restroom & Storage	1	EA			1	EA	\$425,000.00	\$425,000.00
Amphitheatre structure	1	EA			1	EA	\$90,000.00	\$90,000.00
Large Picnic Shelter	1	EA			1	EA	\$60,000.00	\$60,000.00
Small Picnic Shelter	1	EA			1	EA	\$40,000.00	\$40,000.00
Garden storage & Shelter	1	EA			1	EA	\$60,000.00	\$60,000.00
<b>Playground</b>				<b>\$135,086.00</b>				<b>\$61,700.00</b>
Mulch and edging	1	LS		\$32,325.00	1	LS	\$7,000.00	\$7,000.00
embankment slide	1	EA		\$2,068.00	1	EA	\$4,500.00	\$4,500.00
Climbing rocks	10	EA		\$18,460.00	1	EA	\$2,500.00	\$2,500.00
Kompan Parkour 002	1	EA		\$8,960.00	1	LS	\$9,500.00	\$9,500.00
Kompan Single Bay swing	1	EA		\$6,627.00				\$0.00
Kompan Climbing Net	1	EA		\$7,205.00				\$0.00
water play table	1	LS		\$5,105.00	1	LS	\$2,500.00	\$2,500.00
water table roof	0	LS						\$0.00
log balance (wood onsite)	3	LS		\$7,015.00	1	LS	\$3,000.00	\$3,000.00
climbing logs (wood onsite)	1	LS			1	LS	\$1,500.00	\$1,500.00

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see saw (wood onsite)	1	LS		\$2,462.00	1	LS	\$3,500.00	\$3,500.00	
birds nest swing (gametime)	1	EA			1	EA	\$5,800.00	\$5,800.00	
hopping logs	11	EA		\$16,244.00	5	EA	\$900.00	\$4,500.00	
climbing boulder (Gametime u-play sandstone med)	1	LS		\$9,203.00	1	EA	\$9,400.00	\$9,400.00	
willow tunnel	1	LS		\$925.00	1	LS	\$2,500.00	\$2,500.00	
Not on Itemized Form - Playground Feature Survey				\$18,487.00					
Not on Itemized Bid Form - Delivery Allowance					1	LS	\$5,500.00	\$5,500.00	
Pump Track				\$64,775.00				\$3,555.87	\$61,219.13
Sand (25%)	83	TNS			23	CY	\$17.20	\$389.87	
Clay (75%)	125	CY			34	CY	\$24.00	\$816.00	
underdrains (stone and pipe)	415	LF			150	LF	\$10.00	\$1,500.00	
Grading and shaping	85	CY			57	CY	\$15.00	\$850.00	

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Misc. Site Amenities				\$146,181.00				\$88,412.00	\$57,769.00
Exercise Station (8)	1	LS		\$9,196.00					
Not listed separately in itemized bid - Exercise Station					5	EA	\$1,500.00	\$7,500.00	
Not listed separately in itemized bid - Exercise Station					3	EA	\$1,500.00	\$4,500.00	
Not listed separately in itemized bid - Exercise Station Sign					5	EA	\$600.00	\$3,000.00	
Not listed separately in itemized bid - Exercise Station Sign					3	EA	\$600.00	\$1,800.00	
Bench	5	EA		\$6,394.00	4	EA	\$1,000.00	\$4,000.00	
collaspsible bollard	1	EA			1	EA	\$1,000.00	\$1,000.00	
Bollard (permanent/lit)	6	EA			3	EA	\$1,194.00	\$3,582.00	
Water Fountain (dual level)	1	EA			1	EA	\$6,000.00	\$6,000.00	
Trash Receptacle	0	EA			3	EA	\$650.00	\$1,950.00	
Not in Itemized Bid - Grill					2	EA	\$800.00	\$1,600.00	
inverted U Bike Rack	3	EA		\$1,868.00	4	EA	\$600.00	\$2,400.00	
Not in Itemized Bid - Handrail at ramps, stairs, bridge, etc.					20	LF	\$20.00	\$400.00	
Dog Waste Station	2	EA			2	EA	\$200.00	\$400.00	
Not in Itemized Bid - Educational Signage					2	EA	\$1,500.00	\$3,000.00	
Not in itemized bid - Little Free Library (donation)					1	EA	\$0.00	\$0.00	
Not in itemized bid - Picnic Table					10	EA	\$1,000.00	\$10,000.00	
addl fence at garden	110	LS		\$1,251.00	133	LF	\$35.00	\$4,655.00	
fence around back of pump track (chain link)	384	LS		\$6,652.00	480	LF	\$20.00	\$9,600.00	
double vehicular gate at garden	1	EA			1	EA	\$1,650.00	\$1,650.00	
Seat walls at amphitheater - CMU with stone veneer	120	SF			85	SF	\$75.00	\$6,375.00	
Grass Pavers with sub-base	2,555	SF		\$13,450.00	1,500	SF	\$10.00	\$15,000.00	
Not in Itemized Bid - Fence in Restroom				\$1,581.00					
Added by Contractor: Stone Base - Paths, Pavers, and Trails				\$105,789.00					
ADD ALTERNATE: GREEN ROOF ON AMPHITHEATER	500	SF			200	SF	\$40.00	\$8,000.00	
				\$0.00					
			TOTAL	\$2,194,480.00			TOTAL	\$1,209,723.63	\$984,756.37
				\$0.00					
							*Note: Qty may differ from Contractor numbers (see Stewart cost	**Some items were grouped differently for the itemized bid	