

**School A - EARLY RELEASE LIMITED SITE PACKAGE**

**Bidding Notes**

		PD 19-20.080 General Paving and Drainage Pricing Agreement			Engineer's Opinion of Cost		Quantities presented below are engineer's estimate and must be verified by bidders. Bidders may adjust quantities of the presented line items to their liking such that bottom line "Revised Grand Total with BOL" reflects total cost proposal. Adjustment to Unit Prices and/or addition of pay items not already included is disallowed. The following notes are offered to clarify intent of presented pay items.
Section	Category	Valid From January 1, 2021 to December 31, 2021 Sub-Category	Quantity	Units	Unit Price	Ext Cost	
01000-	Insurance						
01100-	00100	Performance Bond	1,866	Per \$1000	\$16.08	\$30,011.50	To include all bonding requirements per specs
02000-	Equipment						
02100-	00100	Mobilization					
02100-	00104	Mobilization, 46 + Miles	6	EA	\$4,125.00	\$24,750.00	Represents mobilization and other general conditions not specifically identified by a line item.
03000-	Clearing and Grubbing						
03100-	00100	Removal of Items					
03100-	00101	Clearing and Grubbing	20	ACRE	\$6,750.00	\$135,000.00	Represents removal of topsoil, vegetation, etc. per geotech report Section 7.1
04000-	Earthwork						
04100-	00100	Cut and Fill					
04100-	00101	Earthwork Excavation by machine	29,900	CY	\$6.48	\$193,801.83	Represents anticipated net cut/haul. No cut/fill factors applied.
04100-	00103	Earthwork Excavate, Haul, and Install, On-site	46,300	CY	\$8.75	\$405,125.00	Represents anticipated cut to be re-installed on-site. No cut/fill factors applied.
04100-	00106	Earthwork Establishing Grade	95,700	SY	\$2.10	\$201,289.00	Represents grading to drain site to storm water inlets and to prevent pooling of water against building pad or elsewhere
04100-	00108	Remove and Replace Unsuitable Materials	3,900	CY	\$18.45	\$71,955.00	Represents an assumed quantity, no indication of unsuitable materials per geotech.
04200-	00100	Ponds					
04200-	00101	Pond Access Ramp, 5" GAB w/ Fabric	200	SY	\$18.35	\$3,670.00	Represents access road per detail presented in plans.
04200-	00104	Filter Sand	15,400	CY	\$19.23	\$296,142.00	Represents sand chimney material per details presented in plans.
04200-	00107	Grade Pond Slopes	6,400	SY	\$1.47	\$9,420.80	Represents fine grading of pond slopes and surrounding area prior to sodding
09000-	Drainage						
09100-	00100	Inlet Top and Bottom, FDOT Index 200 Series					
09100-	00103	Ditch Bottom Inlet, Type C, 0'-6' depth	4	EA	\$2,544.40	\$10,177.60	Represents installation of inlets per plan details and notes.
09100-	00107	Ditch Bottom Inlet, Type E, 0'-6' depth	2	EA	\$3,388.02	\$6,776.04	Represents installation of inlets per plan details and notes.
09100-	00108	Ditch Bottom Inlet, Type E, 6'-12' depth	5	EA	\$5,191.94	\$25,959.72	Represents installation of inlets per plan details and notes.
09100-	00404	Ditch Bottom Inlet Top with Double Traversable Slot, Type E	6	EA	\$2,669.00	\$16,014.00	Represents installation of inlets per plan details and notes.
09200-	00100	(HDPE) High Density Polyethylene Pipe, Double Wall					
09200-	00108	15" HDPE DW Pipe, 6'-12' depth	750	LF	\$35.67	\$26,752.50	Represents installation of inlets per plan details and notes.
09200-	00110	18" HDPE DW Pipe, 6'-12' depth	1,100	LF	\$40.05	\$44,055.00	Represents installation of inlets per plan details and notes.
09200-	00112	24" HDPE DW Pipe, 6'-12' depth	780	LF	\$49.21	\$38,386.92	Represents installation of inlets per plan details and notes.
09200-	00114	30" HDPE DW Pipe, 6'-12' depth	400	LF	\$63.71	\$25,484.00	Represents installation of inlets per plan details and notes.
09200-	00116	36" HDPE DW Pipe, 6'-12' depth	300	LF	\$79.22	\$23,766.00	Represents installation of inlets per plan details and notes.
09300-	00303	24" RCP Side Drain MES, FDOT Index 273, 280	2	EA	\$1,431.25	\$2,862.50	Represents installation end treatments per plan details and notes at both inputs into pond.
10000-	Sewer						
10100-	00100	Gravity					
10100-	00102	6" Sewer Line Gravity Fed, 6-12' depth	875	LF	\$32.30	\$28,262.50	Represents installation of sewer pipe and connection to existing manhole.
10600-	00101	6" Iron Clean Out	6	EA	\$503.50	\$3,021.00	Represents installation of clean-out risers installed to above grade. No frame/cover required.
13000-	Stormwater Pollution Prevention						See Note #1 of Erosion Control Maintenance Requirements on C200 regarding inclusion of all erosion control costs.
13100-	00100	Stabilization					
13100-	00105	Bermuda Sod, Staked	36,900	SY	\$3.64	\$134,377.50	Represents installation of solid sod to limits shown on drawings, including watering until rooted and viable.
13100-	00109	Argentine Bahia, Seeding and Mulch, (70lb Per Acre)	1,400	LB	\$14.89	\$20,848.33	Represents installation of seed (permanent and seasonal) and mulch for all disturbed areas not scheduled to receive solid sod, including watering until established.
13200-	00100	Energy Dissipation					
13200-	00101	18" Depth Rip Rap Rubble w/ 4" Bedding Stone and Geotextile	90	SY	\$103.14	\$9,282.60	Represents rip-rap pads and aprons per plan details at pond inputs.

13300-	00101	Silt Fence Type III	11,200	LF	\$3.13	\$35,000.00	Represents installation and maintenance of silt fence.
13300-	00106	Baled Hay or Straw	550	EA	\$12.38	\$6,809.92	Represents inlet protection with SiltSaver or equivalent, including installation and maintenance per plan notes and details.
13300-	00108	Establish, quantify, and submit an approved erosion control plan prepared by a certified technician.	1	EA	\$1,579.17	\$1,579.17	Represents contractors definition and pricing of all erosion and sediment control measures required by the contractor's desired staging and sequence of construction.
13300-	00109	Construct Stabilized Gravel Construction Entrance	90	SY	\$321.23	\$28,911.00	Represents installation and maintenance of stabilized access points, sweeping of sediment that is tracked off-site and implementation of other measures as necessary to prevent future tracking.
13300-	00111	NPDES Construction General Permit, NOI, and NOT (including SWPPP and monitoring), for use only with disturbed areas over 1.0 acre	1	EA	\$2,320.83	\$2,320.83	Represents Contractor's responsibility for creation of SWPPP narrative document, application for NDEPS NOI, ongoing monitoring, documentation and reporting during construtcion, and submittal of NOT after final stabilization is achieved.
14000-	Fence						
14100-	00100	Chain Link					
14100-	00104	6' Chain Link Fence	1,700	LF	\$19.76	\$33,593.76	Represents fencing around pond per plan details.
14100-	00111	6' X 12' Double Chain Link Swing Gate, (2) 6' Gates	1	EA	\$984.33	\$984.33	Represents double swing gate at pond access road per plan details.

Sub-Total

Represents sub-total of contractor's cost proposal based on the line items and unit prices defined in the spreadsheet and the contractor's adjustment of quantities for each of the specified line items.

\$1,896,390.35

Balance of Line (may not exceed 10% of total cost)      Qty      Units

Contingencies / Incidentals	5	%
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Intended to allow contractors to affect bottom line bid to account for any work required to deliver full and complete scope defined by plans and specifications which is felt to not be adequately addressed by line items above. **CANNOT EXCEED 5%.**

\$94,819.52

Revised Grand Total with BOL	\$1,991,209.87	Represents contractor's total lump sum bid amount to be specified on Contractor's Proposal Form. Project will be awarded and paid for on a lump sum basis. Contractor's schedule of pay items submitted with pay requests does not necessarily have to include the details of each line item presented above.
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