

Preliminary Project Cost Estimate for Multipurpose Field
Based up JVG Civil Engineering Proposal From 12/3/11 and parts of 11/14/2010

12-3-11 Engineer's Preliminary Project Cost Estimate:				
For: The Clayton State University Multi-Use Sports Field				
Note, this estimate is for conceptual purposes only.				
	Cost Est	DSA	PBC	Done
DESIGN AND PERMITTING:	\$ 13,000			
Design Fees:				
Civil Engineering Fees	\$ 9,000			
Field Surveying Fees	\$ 3,000	✓		✓
Permitting/plan reproduction Fees	\$ 1,000	✓		
MOBILIZATION:	\$ 5,500			
Equipment:				
Hydraulic excavator	\$ 1,000			
Dozer	\$ 1,000			
Drum vibratory compactor	\$ 1,000			
Material handler	\$ 500			
Skid loader	\$ 500			
Material loader	\$ 500			
"Offroad" dump truck	\$ 1,000			
DEMOLITION:	\$ 7,088			
Hardscape removal/handling:				
Sidewalk Removal For "HC Ramp" Installation:				
"SawCut" to limits of demo.	\$ 200			
0.25 day of hydraulic excavator @ \$1,000/day	\$ 250			
0.5 day manual labor @ 300/day	\$ 150			
Existing Drainage Structure Top Removal:				
2 Drainage Structures Top Removal at NE of prop. field:				
"SawCut" top section	\$ 400			
0.25 day of skid loader @ \$750/d	\$ 188			
1 day manual labor @ \$330/d	\$ 300			
Demolition Material Hauloff and tipping fees:				
1 – 30CYD dumpsters @ \$600 ea	\$ 600			
Tree Clearing:				
	\$ 5,000			
HARDSCAPE IMPROVEMENTS/PAVEMENT:	\$ 26,950			
Sidewalks including "HC Ramp":				
3.0 day compactor @ \$750/d	\$ 2,250			
2,300 cf of base material	\$ 3,450			
4250 sf of concrete pavement and finishing @ 5.00/sf	\$ 21,250			
Bleacher Slab (optional):				
1.0 day compactor @ \$750/d NOT INCL	NOT INCL			
250 cf of base material NOT INCL	NOT INCL			
400 sf of concrete pavement and finishing @ \$5.00/sf NOT INCL	NOT INCL			
STORMWATER SYSTEM IMPROVEMENTS:	\$ 8,000			
Storm Structure at NE of Prop. Field:				
Pedestal inlet top section (material and installation)	\$ 1,000			
Prepare existing Storm Line	\$ 1,000			
Excavation and Handling	\$ 2,000			
Existing Storm Structure Top adjustment:				
2 Grate inlet top section (material and installation)	\$ 2,000			
Prepare 2 existing structures	\$ 2,000			
SITE GRADING:	\$ 97,318			
1,500 CY of grubbing and unsuitable material @ \$5.50 CY	\$ 8,250			
(includes stockpiling onsite only)				
1,500 CY of "hauloff" and tipping fees @ \$10/CY	\$ 15,000			
13,068 SY of fine grading @ \$1.00/SY	\$ 13,068			

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	Cost Est	DSA	PBC	Done
1,000CY of fill material "haul in" @ \$12/CY	\$ 12,000			
15,800 CY of mass grading @ \$30/10 CY	\$ 47,500			
Buried trash removal (if required)	\$ 1,500			
Unsuitable fill material removal and handling (if required) NOT INCL	NOT INCL			
PERMANENT VEGETATION AND TURF INSTALLATION:	\$ 39,893			
53,400 sf of "tiffway 419" sod @ \$0.18/sf	\$ 9,612			
53,400 sf of sod installation and watering to rooting @ \$0.40/sf	\$ 21,360			
64,212 sf of permanent vegetation seeding and "strawing" @ \$0.10/sf	\$ 6,421			
Landscaping/screening	\$ 2,500			
FENCING (optional):	\$ -			
1,050lf of 6' vinyl coated steel chain link fencing @ \$10/lf NOT INCL	NOT INCL			
BLEACHERS / FIELD SPECTATOR SEATING (optional):	\$ -			
3 - "5 ROW", 10' long aluminum bleachers @ \$3,500/ea NOT INCL	NOT INCL			
SUB-SURFACE FIELD DRAIN SYSTEM (optional):	\$ -			
53,400sf of sand trench with perf. Piping field drain @ \$1.75/sf of field	NOT INCL			
Storm drain system retrofit to collect subsurface drains NOT INCL				
IRRIGATION SYSTEM (optional):	\$ -			
10'x10' pump house NOT INCL	NOT INCL			
Irrigation pump and control system NOT INCL	NOT INCL			
Power service	NOT INCL			
Irrigation service (pickup) lines NOT INCL	NOT INCL			
Irrigation system distribution lines (materials and installation) NOT INCL	NOT INCL			
EROSION CONTROL INSTALLATION AND MAINTENANCE:	\$ 24,483			
Gravel construction exit with 3 months maintenance	\$ 3,500			
3 - inlet sediment traps @ \$1,500 ea (includes sediment storage retrofit)	\$ 4,500			
2,200 lf of type 'C' silt fence @ \$2.50/lf	\$ 5,500			
117,612 sf of temp. vegetation and straw @ \$0.07/sf	\$ 8,233			
4 days of erosion control maintenance @ \$500/d	\$ 2,000			
500 lf of safety fencing @ \$1.50/lf	\$ 750			
CONSTRUCTION STAKING / SURVEYING:	\$ 3,000			
5 days of field staking crew @ \$600/d	\$ 3,000			
COMPACTION AND NPDES MONITORING:	\$ 4,000			
10 days of Geotechnical monitoring @ \$400/d	\$ 4,000			
UTILITY LOCATION / COORDINATION:	\$ 1,350			
1.5 day of engineer @ \$900/d	\$ 1,350			
Projected Project Cost based on Preliminary Conceptual Design:	\$ 230,582			
2 % Construction Bonds & Fees:	\$ 4,612			
10% Contractor Profit:	\$ 23,058			
5% Contingency:	\$ 11,529			
TOTAL CONCEPTUAL PROJECT COST:	\$ 269,780			



August 12, 2011

Clayton State University
Paul Bailey
2000 Clayton State University Boulevard
Morrow, GA 30260

RE: Eno Board Installation

Dear Paul,

Thanks so much for an opportunity to work with you all on this new and exciting opportunity. We certainly appreciate it. Please let me know if you have any questions at all about this solution.

Scope of Work

Summit Systems, Inc. will wall mount a 4x6 Eno Board into a Dean's Boardroom with VGA only connectivity to an Ultra Short Throw projector. Cabling will be run from the projector to the wall plate that will be installed beneath the board. A PXE controller will be wall mounted to power the projector on and off in the room.

Clayton State will be responsible for providing power at the projector mounting location in the room.

Audio / Visual Materials

Description	Part #	Manufacturer	Unit	Qty.	U/Price	Total
NEC 3000 Lumen Ultra Short Throw DLP Projector with wall mount	NP-U300X-WK1	NEC	Ea.	1	\$ 1,170.00	\$ 1,170.00
Polyvision 78" Eno Interactive Whiteboard	2610A	Polyvision	Ea.	1	1,396.25	1,396.25
Pixie Plus Device Control Module	PXE-DCM+	SP Controls	Ea.	1	197.50	197.50
VGA Male to Male 25'	E-VGAM-M-25	Liberty	Ea.	1	39.25	39.25
VGA Faceplate	PC-G1720-E-P-B	Liberty	Ea.	1	19.13	19.13
VGA Male to Male 15'	E-VGAM-M-15	Liberty	Ea.	1	25.38	25.38
Cables, Connectors, and Hardware	Hardware	SSI	Ea.	1	25.00	25.00

Pricing

Materials	\$2,872.51
Labor	\$960.00
Shipping	\$90.48
Grand Total	\$3,922.99

Summary

This is an exciting project and we are very glad to be a part of it. We are anxious to earn your business. These designs have been formulated based on the information provided during our walk through and our discussion of your needs. Thanks for allowing us an opportunity to bid on this.

Sincerely,

Frank Farley

Frank Farley, PMP, CTS
Account Manager, AV Systems Group
Summit Systems, Inc.
(678) 730-2644
ffarley@sumsys.com



Terms and Conditions

1. All work will be completed during normal business hours, 8:00 a.m. to 5:00 p.m. Monday through Friday.
2. Unencumbered access to all pertinent areas will be made readily available to Summit Systems technicians.
3. The customer will provide locked storage on-site for yet to be installed equipment and cabling.
4. Summit Systems will not be responsible in any way for acts of nature nor for the negligence of, or accidents caused by the customer or others.
5. Customer must have authorized personnel on site at beginning of project to accept delivery of equipment.
6. Customer must have authorized personnel on site at completion of project to accept completion of project.
7. Payment Terms: due upon receipt of invoice.
8. Projects will be invoiced either monthly or progressively based on project and circumstances.
9. If, for any reason, the customer changes the scheduled installation date, there will be a monetary penalty.
9. Warranty for system is 1 year on craftsmanship. Warranty beings at customer acceptance or first substantial usage, whichever occurs first.
10. Any hardware that is warranted for more than 1 year will be registered with the customer and the customer's responsibility for service after the initial 1 year SSI warranty.