Project Title: ESTIMATE OF

PROBABLE COST

Project: Glebe Elementary School

Project Location: Arlington, VA

Client: Quinn Evans Architects

Date: 11/07/11

9495 SILVER KING COURT BUILDING #1 SUITE A FAIRFAX, VIRGINIA 22031-4713 [703] 560-2200



PROGRAMMA	ATIC COST ESTIMATE		FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 R	Revisions
Proj Name:	Glebe E.S.		9495 Silver King Court	Approved By:	pf	File:	Program	matic	
Project Own	ner: Arlington Public School	S	Suite A			Email:	Desi	gn	
Project Loca	ation: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date St	amp	
									_
Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	C	omputed	Unit of Ma	t+Lab+Equip	Line Extension	Subtotals
Location Ref		No. Code		Quantity [U	S] M	eas Loaded	l Unit		

PROGRAMMATIC COST ESTIMATE		FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 F	Revisions
Proj Name: Glebe E.S.		9495 Silver King Court	Approved By:	pf	File:	Program	matic	
Project Owner: Arlington Public School	3	Suite A			Email:	Desi	gn	
Project Location: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	amp	
								-
Scheme and Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	С	omputed	Unit of Ma	t+Lab+Equip	Line Extension	Subtotals
Location Ref	No. Code		Quantity [U	S] Me	eas Loadeo	l Unit		

			BUILDING RENOVATION				
Α	SUBSTRUCTURE	0.00	System Subtotal	5,200.00 GSF	0.00		0.00
Renovation			Lower Level Assemblies				
Renovation		1.00	Concrete spread footing foundations	0.00 CY	0.00	0.00	
Renovation		2.00	Foundation drainage	0.00 LF	0.00	0.00	
Renovation		3.00	Concrete slabs on grade	0.00 SF	0.00	0.00	
В	SHELL		System Subtotal	5,200.00	0.50		2,600.00
Renovation			Supported Floor Structure				
Renovation		1.00	Supported floor frame & columns	0.00 Tons	0.00	0.00	
Renovation		2.00	Metal deck assembly	0.00 SF	0.00	0.00	
Renovation		3.00	Slab on deck	0.00 SF	0.00	0.00	
Renovation		4.00	Fireproofing	0.00 SF	0.00	0.00	
Renovation							
Renovation			Roof Structure				
Renovation		1.00	Roof: Horizontal steel framing & columns	0.00 Tons	0.00	0.00	
Renovation		2.00	Roof: Metal deck incl lapping & wastage	0.00 SF	0.00	0.00	
Renovation		3.00	Fireproofing	0.00 GSF	0.00	0.00	
Renovation							
Renovation			Miscellaneous Metals				
Renovation		1.00	Stairs	Ref Stairs 8	Railings, belov	V	
Renovation		2.00	Miscellaneous fabrications	5,200.00 SF	0.50	2,600.00	
Renovation		3.00	Expansion jts assemblies & covers	0.00 SF	0.00	0.00	
Renovation							
Renovation			Exterior Enclosure Assemblies				
Renovation		1.00	Demo, brace, add lintel, rework ext load	Not Used			
Renovation		2.00	bearing cafeteria wall				
Renovation		3.00	Exterior Wall System #2	0.00 Wall SF	0.00	0.00	
Renovation		4.00	Exterior Wall System #3	0.00 Wall SF	0.00	0.00	
Renovation		5.00	Modifications at Connection to Ex Bldg	0.00 EA	0.00	0.00	
Renovation							

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Project Owner: Arlington Public School	3	Suite A			Email:	Desi	gn	
Project Location: Arlington County, VA	·	Fairfax, VA 22031-4713			Report Date:	Reference Date St	amp	

Scheme and Uniformat System Heading Uniformat Description	ns and/or Specification Notes Computed	Unit of	Mat+Lab+Equip	Line Extension	Subtotals
Location Ref No. Code	Quantity [US] M	1eas Lo	paded Unit		

Renovation		Exterior Fenestration Assemblies			
Renovation	1.00	Fenestration System	0.00 SF	40.00	0.00
Renovation					
Renovation		Exterior Door Assemblies			
Renovation	1.00	Exterior storefront door assemblies, double	0.00 Pair	0.00	0.00
Renovation	2.00	Exterior storefront door assemblies, single	0.00 Leaf	0.00	0.00
Renovation	3.00	Exterior metal door assemblies, double	0.00 Pair	0.00	0.00
Renovation	4.00	Exterior metal door assemblies, single	0.00 Leafs	0.00	0.00
Renovation	5.00	Interior OH Doors [large]	0.00 EA	0.00	0.00
Renovation	6.00	Interior OH Doors [small]	0.00 EA	0.00	0.00
Renovation					
Renovation		Roofing Assemblies			
Renovation	1.00	Membrane, insul., flashing, accessories	0.00 SF	0.00	0.00
Renovation	2.00	Blocking	0.00 GSF	0.00	0.00
Renovation	3.00	Skylight assemblies	0.00 EA	0.00	0.00
Renovation	4.00				

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Project Owner: Arlington Public School	s	Suite A			Email:	Desi	gn	1
Project Location: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	amp	-
		,		1	1			_
Scheme and Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	C	omputed			Line Extension	Subtotals
Location Ref	No. Code		Quantity [L	JS] M	eas Loaded	Unit		
E EQ & FURNISHINGS		System Subtotal	5,200.00	SF	6.00		31,200.00	
			5,=55155				51,=55.55	
Renovation		Special						
Renovation	1.00	Rework food service configuration	0.00	LS	150,000.00	0.00		
Renovation	2.00	Casework, millwork, etc.	5,200.00	GSF	6.00	31,200.00		
F SPECIAL		System Subtotal				Not used		
Z GENERAL		Subtotal A-F					250,108.67	
Renovation	1.00	Field Overhead Incl Phasing Premium				25,010.87		
Renovation	2.00	Subtotal				275,119.53		
Renovation	3.00	Main Office Overhead & Profit				27,511.95		
Renovation	4.00	Subtotal				302,631.49		
Renovation	5.00	Bonds & Insurance				4,539.47		
Renovation	6.00	SUBTOTAL	5,200.00	GSF			307,170.96	

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Proj Name: Glebe E.S.	9495 Silver King Court	Approved By:	pf	File:	Programmatic	
Project Owner: Arlington Public School	Suite A			Email:	Design	
Project Location: Arlington County, VA	Fairfax, VA 22031-4713			Report Date:	Reference Date Stamp	
·		•				
Scheme and Uniformat System Heading	Uniformat Descriptions and/or Specification Notes	C	Computed	Unit of Ma	at+Lab+Equip Line Extension	Subtotals
Location Ref	No. Code	Quantity [L	JS] Me	eas Loade	d Unit	

FORELLA GROUP, LLC

Proj Name: Glebe E.S.		9495 Silver King Court	Approved By:	pf	File:	Programmatic	
Project Owner: Arlington Pub	olic Schools	Suite A			Email:	Design	
Project Location: Arlington C	ounty, VA	Fairfax, VA 22031-4713			Report Date:	Reference Date Stamp	
Scheme and Uniformat System Hea	ading Uniformat Desc	riptions and/or Specification Notes	С	omputed	Unit of Ma	t+Lab+Equip Line Extension	Subtotals
Location Ref	No. Code		Quantity [U	S] Me	eas Loaded	d Unit	

Prepared By: ia,ja, cy Job #:

11158.1

Revisions

FORELLA GROUP, LLC

PROGRAMMATIC COST ESTIMATE

PROGRAMMATIC COST ESTIMATE		FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 R	evisions
Proj Name: Glebe E.S.		9495 Silver King Court	Approved By:	pf	File:	Program	matic	
Project Owner: Arlington Public School	;	Suite A			Email:	Desi	gn	
Project Location: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	ımp	

									_
Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	Compute	d L	Unit of	Mat+Lab+Equip	Line Extension	Subtotals
Location Ref		No. Code		Quantity [US]	Meas	Lo	aded Unit	•	-

D	SERVICES	System Subtotal	31,840.00 SF	74.61		2,375,640.00
CR Addition		Conveying Systems				
CR Addition	1.00	Hydraul/1500# cap/100 FPM/2 stops/std cab	3.00 Stops	30,000.00	90,000.00	
CR Addition						
CR Addition		HVAC				
CR Addition	2.00	"Base Case" System: Average of 3 system	31,840.00 GSF	35.00	1,114,400.00	
CR Addition		types WSHP, FCU & VRF stipulated by 2RW				
CR Addition						
CR Addition		Plumbing				
CR Addition	3.00	Fixtures, water, san sewer, roof drainage	31,840.00 GSF	8.00	254,720.00	
CR Addition						
CR Addition		Fire Protection				
CR Addition	4.00	Fire protection, excl fire pump	31,840.00 GSF	3.00	95,520.00	
CR Addition	5.00					

PROGRAMMATIC COST ESTIMATE

Proj Name: Glebe E.S.

Project Owner: Arlington Public Schools Project Location: Arlington County, VA

FORELLA GROUP, LLC

9495 Silver King Court

Suite A

Fairfax, VA 22031-4713

Prepared By:

ia,ja, cy

Job #:

11158.1 Programmatic

Revisions

Approved By: pf

File: Email:

Design

Report Date:

Reference Date Stamp

PROGRAMMATIC COST ESTIMATE	FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 Re	evisions
Proj Name: Glebe E.S.	9495 Silver King Court	Approved By:	pf	File:	Program	matic	
Project Owner: Arlington Public Schools	Suite A			Email:	Desig	ŋn	
Project Location: Arlington County, VA	Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	ımp	

1 Tojoot Location: 7 thington County,	٧, ١	1 anax, 77 22001 17 10		report Date.		<u>'</u>	
		I		1		I	
Scheme and Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	Computed	I		Line Extension	Subtotals
Location Ref	No. Code		Quantity [US] M	eas Loaded	Unit		
Cafeteria Addition	3.00	Exterior Wall System #3	0.00 Wall SF	0.00	0.00		
Cafeteria Addition	4.00	Modifications at Connection to Ex Bldg	0.00 EA	25,000.00	0.00		
Cafeteria Addition							
Cafeteria Addition		Exterior Fenestration Assemblies					
Cafeteria Addition	1.00	Fenestration System	225.00 SF	40.00	9,000.00		
Cafeteria Addition							
Cafeteria Addition		Exterior Door Assemblies					
Cafeteria Addition	1.00	Exterior storefront door assemblies, double	2.00 Pair	3,000.00	6,000.00		
Cafeteria Addition	2.00	Exterior storefront door assemblies, single	0.00 Leaf	1,000.00	0.00		
Cafeteria Addition	3.00	Exterior metal door assemblies, double	0.00 Pair	1,500.00	0.00		
Cafeteria Addition	4.00	Exterior metal door assemblies, single	0.00 Leafs	1,000.00	0.00		
Cafeteria Addition	5.00	Interior OH Doors	0.00 EA	0.00	0.00		
Cafeteria Addition							
Cafeteria Addition		Roofing Assemblies					
Cafeteria Addition	1.00	Shed roofing	1,060.00 SF	15.00	15,900.00		
Cafeteria Addition	2.00	Blocking	1,060.00 GSF	0.27	281.96		
Cafeteria Addition	3.00	Skylight assemblies	0.00 EA	0.00	0.00		
Cafeteria Addition	4.00	Metal fascia assemblies	0.00 LF	30.00	0.00		
Cafeteria Addition	5.00	Exterior soffits	0.00 SF	25.00	0.00		
			2.30 0.	_0.00	0.00		

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Project Owner: Arlington Public School	S	Suite A			Email:	Desi	gn]
Project Location: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	ımp	

										_	
Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	C	mputed	Unit of	Ma	t+Lab+Equip	Line Extension	Sub	ototals
Location Ref		No. Code		Quantity [U	S] Me	as L	oadeo	l Unit	•		

С	INTERIORS	System Subtotal	1,060.00 GSF	30.66		32,500.30
		B 40 A 10				
Cafeteria Addition	n	Partition Assemblies				
Cafeteria Addition	n 1.00	Interior partitions	1,049.40 WallSF	6.00	6,296.40	
Cafeteria Addition	n 2.00	GWB + mtl furring, int face ext walls	Excluded			
Cafeteria Addition	n 3.00	Interior glass	116.60 WallSF	35.00	4,081.00	
Cafeteria Addition	n	-				
Cafeteria Addition	n	Door, Frame & Hardware Assemblies				
Cafeteria Addition	n 1.00	Door assm, single	4.00 EA	1,400.00	5,600.00	
Cafeteria Addition	n 2.00	Door assm, dbl	2.00 EA	2,450.00	4,900.00	
Cafeteria Addition	n					
Cafeteria Addition	n	FinisEn XIsSer_f(b)\$(#15+&r‡(r†3'@'b‡(pÀ&DIH"	PLD@ \$GGLWLR	Q		
Cafeteria Addition	n 1.00	Fji Olo Pro Pg. U	1,060.00 SF	3.67	3,890.20	
Cafeteria Addition	n 2.00	Ceilings	1,060.00 SF	4.00	4,240.00	
Cafeteria Addition	n 3.00	GWB bulkheads	1.00 LS	848.00	848.00	
Cafeteria Addition	n 4.00	Paint, interior & exterior	1,060.00 SF	1.00	1,060.00	
Cafeteria Addition	n 5.00					

PROGRAMMATIC COST ESTIMATE

Proj Name: Glebe E.S.

Project Owner: Arlington Public Schools Project Location: Arlington County, VA

FORELLA GROUP, LLC 9495 Silver King Court Suite A

Fairfax, VA 22031-4713

Prepared By:

ia,ja, cy

pf

Job #:

11158.1

Revisions

Approved By:

File: Email:

Programmatic Design

Report Date:

Reference Date Stamp

Scheme and Location Ref

Uniformat System Heading

No. Code

Descriptions and/or Specification Notes

Computed

Unit of

Mat+Lab+Equip

Line Extension

Subtotals

PROGRAMMATIC COST ESTIMATE

Proj Name: Glebe E.S.

Project Owner: Arlington Public Schools Project Location: Arlington County, VA FORELLA GROUP, LLC 9495 Silver King Court

Suite A

Fairfax, VA 22031-4713

Prepared By: Approved By: ia,ja, cy Job #:

File:

pf

11158.1

Programmatic

Revisions

Email: Design
Report Date: Reference Date Stamp

Scheme and

Uniformat System Heading

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PROGRAMMATIC COST ESTIMATE	FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 R	evisions
Proj Name: Glebe E.S.	9495 Silver King Court	Approved By:	pf	File:	Program	matic	
Project Owner: Arlington Public Schools	Suite A			Email:	Desi	gn	
Project Location: Arlington County, VA	Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	amp	

Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	C	omputed	Unit of	Mat-	+Lab+Equip	Line Extension	Subtotals
Location Ref		No. Code		Quantity [U	S] Me	as L	oaded	Unit	•	
	-		_			•				
Gym addition										
Gym addition			Exterior Door Assemblies							

Gym addition		Exterior Door Assemblies			
Gym addition	1.00	Exterior storefront door assemblies, double	2.00 Pair	3,000.00	6,000.00
Gym addition	2.00	Exterior storefront door assemblies, single	1.00 Leaf	1,000.00	1,000.00
Gym addition	3.00	Exterior metal door assemblies, double	4.00 Pair	1,500.00	6,000.00
Gym addition	4.00	Exterior metal door assemblies, single	1.00 Leafs	1,000.00	1,000.00
Gym addition	5.00	Interior OH Doors	1.00 EA	3,500.00	3,500.00
Gym addition					
Gym addition		Roofing Assemblies			
Gym addition	1.00	Membrane, insul., flashing, accessories	5,100.00 SF	15.00	76,500.00
Gym addition	2.00	Blocking	5,100.00 GSF	0.27	1,356.60
Gym addition	3.00				

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Proj Name: Glebe E.S.		9495 Silver King Court	Approved By:	pf	File:	Programi	matic	
Project Owner: Arlington Public School	5	Suite A			Email:	Desig	n	
Project Location: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	mp]

Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	Compute	ed	Unit of	Mat+L	Lab+Equip	Line Extension	Subtotals
Location Ref		No. Code		Quantity [US]	Mea	as Lo	oaded U	Jnit	•	

С	INTERIORS	System Subtotal	5,100.00 GSF	29.30		149,423.50
Gym addition		Partition Assemblies				
Gym addition	1.00	Interior partitions	5,049.00 WallSF	6.00	30,294.00	
Gym addition	2.00	GWB + mtl furring, int face ext walls	Excluded			
Gym addition	3.00	Interior glass	561.00 WallSF	35.00	19,635.00	
Gym addition						
Gym addition		Door, Frame & Hardware Assemblies				
Gym addition	1.00	Door assm, single	5.00 EA	1,400.00	7,000.00	
Gym addition	2.00	Door assm, dbl	3.00 EA	2,450.00	7,350.00	
Gym addition						
Gym addition		Finish Assemblies				
Gym addition	1.00	Flooring	5,100.00 SF	12.00	61,200.00	
Gym addition	2.00	Ceilings	5,100.00 SF	2.00	10,200.00	
Gym addition	3.00	GWB bulkheads	1.00 LS	1,020.00	1,020.00	
Gym addition	4.00	Paint, interior & exterior	5,100.00 SF	1.00	5,100.00	
Gym addition	5.00	Wallcovering allowance	1.00 LS	2,524.50	2,524.50	
Gym addition						
Gym addition		Stairs & Railings Assemblies				
Gym addition	1.00	Basic stair, landgs, railings, simple finishes	0.00 Flts	15,000.00	0.00	
Gym addition						
Gym addition		Miscellaneous Specialties				
Gym addition	1.00	Toil acc., entr mats & frames, signage,				
Gym addition	2.00	fire ext., jan acc., etc.	5,100.00 GSF	1.00	5,100.00	

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Project Owner: Arlington Public Schools	Suite A			Email:	Desi	gn	
Project Location: Arlington County, VA	Fairfax, VA 22031-4713			Report Date:	Reference Date St	amp	
							_
Scheme and Uniformat System Heading Uniformat	Descriptions and/or Specification Notes		Computed	Unit of M	at+Lab+Equip	Line Extension	Subtotal

Location Ref	No. Code		Quantity [US] Me	eas Loaded Ur	iit		
D SERVICES		System Subtotal	5,100.00 SF	103.55		528,100.00	
Gym addition Gym addition	1.00	Conveying Systems Hydraul/1500# cap/100 FPM/2 stops/std cab	3.00 Stops	30,000.00	90,000.00		
Gym addition			·				

HVAC

2.00

Gym addition

Gym addition

PROGRAMI	MATIC COST ESTIMATE		FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 R	evisions
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Project Ov	vner: Arlington Public School	S	Suite A			Email:	Desi	gn]
Project Lo	cation: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	amp	
									-
Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	-	omputed			Line Extension	Subtotals
Location Ref		No. Code	_	Quantity [U	[S] M	as Loaded	Unit		
E	EQ & FURNISHINGS		System Subtotal	5,100.00	SF	31.02		158,200.00	
			Onesial						
Gym addition		4.00	Special Folding wells	2.150.00	WCE	38.00	81.700.00		
Gym addition		1.00	Folding walls	,	_	12.00	- ,		
Gym addition Gym addition		2.00 3.00	Gymnasium equipment Casework, millwork, etc.	5,100.00 5,100.00		3.00	61,200.00 15,300.00		
Gym addition		3.00	Casework, millwork, etc.	5,100.00	GSF	3.00	15,300.00		
F	SPECIAL		System Subtotal				Not used		
z	GENERAL		Subtotal A-F					1,418,493.93	
Gym addition		1.00	Field Overhead Incl Phasing Premium				141,849.39		
Gym addition		2.00	Subtotal				1,560,343.33		
Gym addition		3.00	Main Office Overhead & Profit				156,034.33		
Gym addition		4.00	Subtotal				1,716,377.66		
Gym addition		5.00	Bonds & Insurance				25,745.66		
Gym addition		6.00	SUBTOTAL	5,100.00	GSF			1,742,123.32	

PROGRAMMATIC COST ESTIMATE Proj Name: Glebe E.S.

Project Owner: Arlington Public Schools Project Location: Arlington County, VA

FORELLA GROUP, LLC 9495 Silver King Court Suite A Fairfax, VA 22031-4713

Prepared By: ia,ja, cy pf

Job #:

11158.1

Revisions

Approved By:

File: Email:

Programmatic Design

Report Date:

Reference Date Stamp

Scheme and Uniformat System Heading Descriptions and/or Specification Notes

Computed

Unit of

Mat+Lab+Equip

Line Extension

Subtotals

PROGRAM	MATIC COST ESTIMATE		FORELLA GROUP, LLC	Prepared By:	ia,ja, cy	Job #:	11	158.1 R	Revisions
Proj Name	e: Glebe E.S.		9495 Silver King Court	Approved By:	pf	File:	Program	matic	
Project Ov	vner: Arlington Public Schoo	ls	Suite A			Email:	Desi	gn	
Project Lo	cation: Arlington County, VA		Fairfax, VA 22031-4713			Report Date:	Reference Date Sta	ımp	
	J .			•	•	•		1	_
Scheme and	Uniformat System Heading	Uniformat	Descriptions and/or Specification Notes	С	omputed	Unit of Ma	t+Lab+Equip	Line Extension	Subtotals
Location Ref		No. Code		Quantity [U	IS] M	eas Loaded	l Unit		
ES Sitework		9.00	6" PVC assesmly, incl excavation, backfill	200.00	IE	35.00	7,000.00		
ES Sitework		3.00	o i vo assestiny, inci excavation, backini	200.00		33.00	7,000.00		
ES Sitework	RESTORATION	1.00	Trench restoration, new primary utilities	2,500.00	SF	8.33	20,833.33	20,833.33	3
ES Sitework			,,,	_,,			_0,000.00		
ES Sitework	MISCELLANEOUS	1.00	Field engineering	1.00	LS	20,000.00	20,000.00	145,000.00)
ES Sitework		2.00	Site complexity premium, per conference call	1.00	LS	100,000.00	100,000.00		
ES Sitework		3.00	Miscellaneous sitework	1.00	LS	25,000.00	25,000.00		
ES Sitework									
ES Sitework		1.00	Subtotal					608,475.20)
ES Sitework		2.00	Field Overhead Incl Phasing Premium				60,847.52		
ES Sitework		3.00	Subtotal				669,322.72		
ES Sitework		4.00	Main Office Overhead & Profit				66,932.27		
ES Sitework		5.00	Subtotal				736,254.99		
ES Sitework		6.00	Bonds & Insurance				11,043.82		
ES Sitework		7.00	SUBTOTAL					747,298.82	2