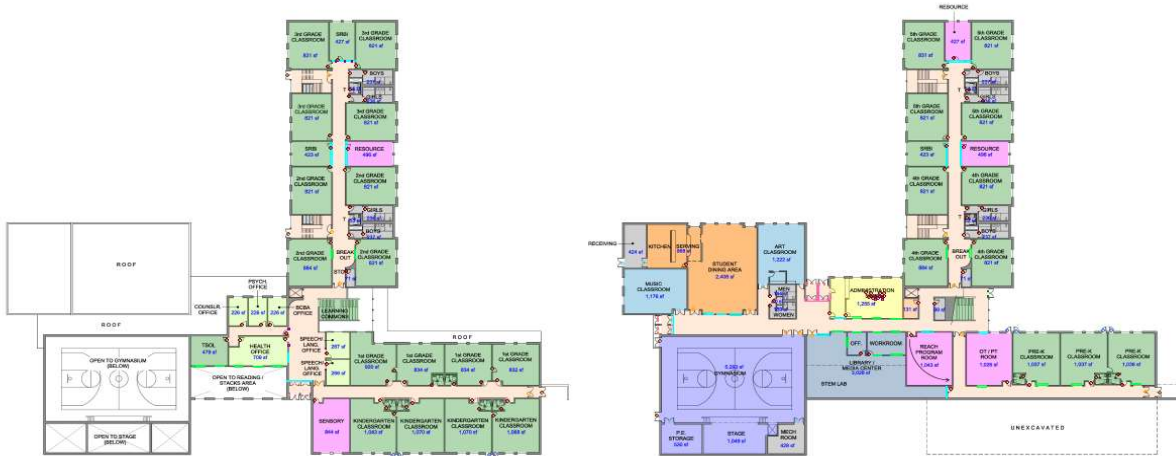
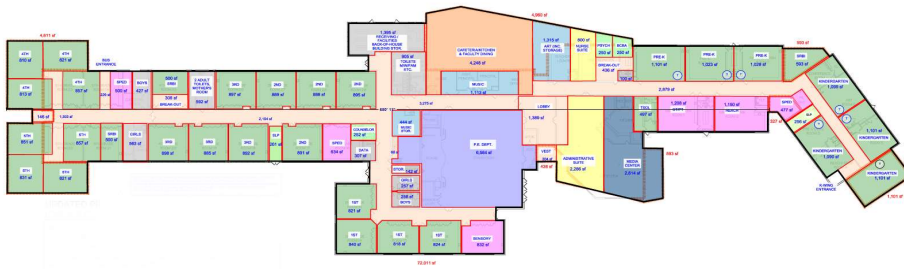


Bungay Elementary School - RAN vs New Construction Estimate Comparison

Concept level estimate

Date: December 14, 2024

Revision :



Basis Of Estimate

Basis of Estimate

Introduction

PACS has been engaged by Antinozzi Associates to prepare a Cost estimate for the following project:

This Estimate is based on the following design information:

- **The Bungay Elementary School RAN Conceptual Floor Plan issued November 7th 2024 by Antinozzi Associates**
- **The Bungay Elementary School RAN Existing Floor Plan issued October 8th 2024 by Antinozzi Associates**
- **The Bungay Elementary School RAN Conceptual Site Plan, undated, by Antinozzi Associates**
- **The Bungay Elementary School New Conceptual Floor Plan issued November 22nd 2024 by Antinozzi Associates**
- **The Bungay Elementary School New Building Conceptual Site Plan, undated, by Antinozzi Associates**

Quantities and Methodology

- The cost estimate is based on the measurement of quantities wherever possible.
- Where actual measurements are not used, parametric measurements are used in conjunction with previous but similar project benchmarks.
- PACS uses a wide range of standard measurement and quantifying methods that are common practice in the construction industry today.

Basis of Pricing

- a) The construction costs shown in this estimate represent the fair market value and are not intended to be a prediction of the lowest bid.
- b) The costs include: labor, material, equipment and the subcontractors overhead and profit. (Subcontractor's Mark Up)
- c) The cost of labor is based on local Prevailing wage rates for all trades.
- d) The construction rates used are based in "today's dollar" and an escalation allowance is included in the Estimate summary.
- e) Our pricing assumes competitive bidding on all elements of the construction work, assuming a minimum of three competitive bidders for all general contractors, subcontractors, materials and vendors.
- f) It is typical in our experience that if fewer bids are received or solicited, prices can be expected to be higher due to lack of competition.
- g) The subcontractor's mark ups include their own overhead, including the cost in the field as well as profit.
- h) PACS has priced this taking into account current market conditions, competition between trades and the cost fluctuations in the construction industry.
- i) Estimate assumes a Phased Occupied Renovation
- j) Proposal is based on construction being performed on regular hours, except what is required for noisy work and Building system tie-ins.

Design and Pricing Contingency

A Design and Pricing Contingency is used as a budgetary tool that allows for scope and detail not defined during the design stage. As the design becomes more defined as the project passes through the design stages, the Design and Pricing Contingency decreases as more scope and detail is now being shown in the documents and is therefore reflected in the cost estimate as actual trade cost. The Design and Pricing Contingency is reduced to zero at 100% Bid Documents.

Basis Of Estimate

Escalation

As outlined above the estimate is calculated using rates that are "today's dollar" and reflect the cost of the project as if it was to bid on the date of issue. Due to construction projects having long design phases and long construction schedules, it is imperative to project the construction cost further ahead into the future to the point at which it is bid out. It is common practice to escalate the cost estimate to the mid point of construction to accommodate for economic inflation. This percentage accounts for this increase.

Construction Contingency

PACS advise that a Construction Contingency is carried for unforeseen project conditions and field changes. Typically we see this in the range of 3% to 7.5% dependent on the scope of the project.

Probable Cost

It is important for the Owner and Design team to carefully review this cost estimate including all line item descriptions, clarifications, exclusions, unit prices, assumptions, allowances, mark ups and contingencies to ensure the estimate reflects the scope of the project.

In instances where the cost estimate is not in line with the Owner's budgetary objectives, PACS can suggest and evaluate alternate methods to assist bringing the project back in line with the desired budget.

PACS has produced the cost estimate based on the widely practiced methods of cost estimating and aims to reflect the fair market value of the construction project. Our aim is to be not the highest or the lowest in the range of bids but to use our experience and expertise in the construction industry to provide the client with a degree of confidence that the project will be close to our calculated estimate.

Exclusions

This cost estimate excludes the following:

- Premiums for working in inaccessible or partially accessible spaces during construction
- Surplus Stock and Spares
- Unforeseen Conditions (Covered in Construction Contingency)
- Premiums for restrictive and uncompetitive bidding
- Premiums for non-standard work times
- Work beyond the project limits
- CT Sales Tax - Assumes Exempt
- Wellpoints - Assumes open trench pumping only
- Unsuitable soils remediation
- Hazardous, Contaminated or Polluted soils
- Temp Water, Power and Fuel - Assumed to be by Owner
- AV Equipment in Classrooms - Assumes part of FF&E / Technology Budget
- Student furniture (including tables) in Classrooms and Science Labs
- Utility Costs - Electric, Gas, Water

Risks to the Cost Estimate

Items that may affect the cost estimate, the list as follows but not limited:

- Changes to the design subsequent to the issue of the documents stated above which this estimate is based on
- Unforeseen and Unknown Structural conditions
- Non Competitive Bid restrictions and the sole sourcing of products/materials from specific vendors
- Restrictive technical specifications that produce a non competitive environment
- Changes to the project schedule that delay the project and therefore have impact on cost
- Incomplete and poorly coordinated documentation
- Access restrictions, unidentified out of hours work policies and phasing restrictions
- Restrictive technical specifications that produce a non competitive environment
- Unforeseen and unknown base building conditions

Bungay Elementary School - RAN vs New Construction Estimate Comparison
Concept level estimate



DATE: 12/14/2024

Basis Of Estimate

Alternates:

Alternate - Provide Site lighting for Bus loop	Add \$	66,982
Alternate - Remove & Salvage 200 KW PV System on RAN or New Building	Add \$	275,000
Alternate - Reinstall Salvaged 200 KWPV System on RAN or New Building	Add \$	450,000
Alternate - Provide overflow parking area 14,000 SF	Add \$	179,444



Trade		Bungay ES RAN		Bungay ES New	
01 50 00	Temporary Facilities and Controls	\$	2,584,296 33.03	\$	917,158 12.80
02 80 00	Hazardous Abatement	\$	1,677,154 21.44	\$	893,265 12.46
02 41 16	Building Demolition	\$	70,979 0.91	\$	658,968 9.19
02 41 19	Selective Demolition	\$	937,786 11.99	\$	- 0.00
03 30 00	Cast-In-Place Concrete	\$	742,619 9.49	\$	2,124,238 29.64
04 20 00	Unit Masonry	\$	501,479 6.41	\$	1,479,269 20.64
05 12 00	Structural Steel	\$	694,955 8.88	\$	2,516,505 35.11
05 40 00	Cold Formed Metal Framing	\$	172,643 2.21	\$	359,583 5.02
05 50 00	Metal Fabrications	\$	278,644 3.56	\$	378,760 5.28
06 10 00	Rough Carpentry	\$	142,513 1.82	\$	107,738 1.50
06 20 00	Finish Carpentry	\$	725,000 9.27	\$	746,840 10.42
07 10 00	Damp / Waterproofing	\$	25,112 0.32	\$	64,679 0.90
07 21 00	Thermal Insulation	\$	86,181 1.10	\$	152,628 2.13
07 25 00	Air & Vapor Barriers	\$	98,252 1.26	\$	174,006 2.43
07 40 00	Siding & Panels	\$	690,843 8.83	\$	849,598 11.85
07 50 00	Membrane Roofing	\$	2,220,249 28.38	\$	1,478,814 20.63
07 84 00	Penetration Firestopping	\$	25,000 0.32	\$	20,000 0.28
07 92 00	Joint Sealants	\$	50,000 0.64	\$	50,000 0.70
07 95 00	Expansion Control	\$	25,000 0.32	\$	- 0.00
08 10 00	Hollow Metal Doors & Frames	\$	227,115 2.90	\$	260,450 3.63
08 30 00	Specialty Doors	\$	41,000 0.52	\$	41,000 0.57
08 41 00	Entrances & Storefront	\$	2,210,525 28.26	\$	1,498,570 20.91
08 44 00	Metal Framed Curtainwall	\$	- 0.00	\$	401,570 5.60
08 71 00	Door Hardware	\$	353,125 4.51	\$	398,960 5.57
08 80 00	Glass & Glazing	\$	29,740 0.38	\$	91,300 1.27
08 90 00	Louvers & Vents	\$	7,500 0.10	\$	7,500 0.10
09 21 00	Gypsum Board Assemblies	\$	1,042,845 13.33	\$	1,415,465 19.75
09 30 00	Tile	\$	87,938 1.12	\$	170,468 2.38
09 51 00	Acoustical Ceiling	\$	698,210 8.92	\$	612,746 8.55
09 64 00	Wood Flooring	\$	174,966 2.24	\$	166,002 2.32
09 61 10	Vapor Mitigation	\$	39,484 0.50	\$	112,104 1.56
09 65 00	Resilient Flooring	\$	505,693 6.46	\$	424,226 5.92
09 67 00	Resinous Flooring	\$	113,885 1.46	\$	141,645 1.98
09 68 00	Carpet	\$	49,146 0.63	\$	39,540 0.55
09 80 00	Acoustical Treatment	\$	150,000 1.92	\$	150,000 2.09
09 91 00	Painting & Wallcoverings	\$	296,772 3.79	\$	284,551 3.97
10 11 00	Visual Display Surfaces	\$	75,000 0.96	\$	75,000 1.05
10 14 00	Signage	\$	50,000 0.64	\$	75,000 1.05
10 21 13	Toilet Compartments	\$	38,665 0.49	\$	38,665 0.54
10 21 23	Cubicle Curtain & Track	\$	3,500 0.04	\$	3,500 0.05
10 26 00	Wall & Door Protection	\$	25,000 0.32	\$	25,000 0.35
10 28 00	Toilet Accessories	\$	51,725 0.66	\$	51,725 0.72
10 41 00	Emergency Access Cabinets	\$	925 0.01	\$	1,850 0.03
10 44 00	Fire Protection Specialties	\$	10,000 0.13	\$	10,000 0.14
10 51 00	Lockers	\$	156,200 2.00	\$	156,200 2.18
11 30 00	Residential Appliances	\$	8,940 0.11	\$	8,940 0.12
11 40 00	Foodservice Equipment	\$	650,000 8.31	\$	650,000 9.07
11 52 00	Audio-Visual Equipment	\$	35,000 0.45	\$	35,000 0.49
11 61 00	Theater & Stage Equipment	\$	120,000 1.53	\$	120,000 1.67
11 66 00	Athletic Equipment	\$	140,313 1.79	\$	140,313 1.96
11 90 00	Miscellaneous Equipment	\$	56,590 0.72	\$	56,590 0.79
12 20 00	Window Treatment	\$	32,500 0.42	\$	37,500 0.52
12 48 13	Entrance Mats & Frame	\$	10,404 0.13	\$	11,539 0.16
13 00 00	Special Construction	\$	231,250 2.96	\$	231,250 3.23
14 20 00	Elevators	\$	22,500 0.29	\$	177,500 2.48
21 00 00	Fire Protection	\$	591,703 7.56	\$	481,207 6.71
22 00 00	Plumbing	\$	2,113,516 27.02	\$	1,863,498 26.00
23 00 00	HVAC	\$	5,562,043 71.10	\$	5,160,456 72.00
26 00 00	Electrical	\$	4,576,853 58.50	\$	4,212,838 58.78
33 00 00	Sitework - See Attached Sitework Breakdown	\$	3,825,305 48.90	\$	4,148,454 57.88
TOTAL DIRECT COST		\$	36,164,580 \$ 462.27	\$	36,960,171 \$ 515.68
Design & Estimating Contingency		10.00%	\$ 3,616,458	\$	3,696,017
Construction Contingency (CM@R) 5% for RAN & 3% for New			\$ 1,808,229	\$	1,108,805
Escalation - 2.5 years @ 4.0%		10.00%	\$ 4,158,927	\$	4,176,499
General Conditions- 105,000 / Month 24 Months RAN / 18 Months New			\$ 2,520,000	\$	1,890,000
Preconstruction			\$ 125,000	\$	100,000
GL Insurance - CM@R		0.85%	\$ 388,860	\$	390,503
State Education Fund		0.026%	\$ 12,683	\$	12,564
CM P&P Bond		0.70%	\$ 341,563	\$	338,342
CM Fee		1.95%	\$ 958,158	\$	949,122
TOTAL CONSTRUCTION COST		\$	50,094,457 \$ 640.33	\$	49,622,022 \$ 692.34
TOTAL PROJECT COST WITH SOFT COST (17%)		\$	58,610,515 \$ 749.19	\$	58,057,766 \$ 810.04



Bungay ES RAN

Bungay ES New option

Element / Description		Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)	
07 62 00	Sheet Metal Flashings & Trim Included with Roofing											
Subtotal Sheet Metal Flashings & Trim						\$ -						\$ -
07 81 00	Applied Fireproofing Fireproofing allowance											
Subtotal Applied Fireproofing						\$ -						\$ -
07 84 00	Penetration Firestopping Penetration firestopping allowance - Retrofit new HVAC system in existing structure after demo	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 25,000	1	LS	\$ 20,000.00	\$ 20,000	\$ 20,000	
Subtotal Penetration Firestopping						\$ 25,000						\$ 20,000
07 92 00	Joint Sealants Caulking & Sealants	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000	1	LS	\$ 50,000.00	\$ 50,000	\$ 50,000	
Subtotal Joint Sealants						\$ 50,000						\$ 50,000
07 95 00	Expansion Control Expansion systems Allowance	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 25,000	< N/A >					\$ -
Subtotal Expansion Control						\$ 25,000						\$ -
08 10 00	Hollow Metal / Wood Doors & Frames Doors and Frames											
	Door leaf HM 3070 flush	31	EA	\$ 395.00	\$ 12,245.00		20	EA	\$ 395.00	\$ 7,900		
	Door leaf WD 3070 flush	105	EA	\$ 410.00	\$ 43,050.00		140	EA	\$ 410.00	\$ 57,400		
	Door leaf Narrow lite premium	80	EA	\$ 545.00	\$ 43,600.00		100	EA	\$ 545.00	\$ 54,500		
	Door sidelite	18	EA	\$ 1,050.00	\$ 18,900.00		13	EA	\$ 1,050.00	\$ 13,650		
	Frame HM New 3070	94	EA	\$ 425.00	\$ 39,950.00		106	EA	\$ 425.00	\$ 45,050		
	Frame HM New 6070	22	EA	\$ 525.00	\$ 11,550.00		27	EA	\$ 525.00	\$ 14,175		
	Install Door	216	EA	\$ 120.00	\$ 25,920.00		260	EA	\$ 120.00	\$ 31,200		
	Install Frame - Masonry & Grout	116	EA	\$ 275.00	\$ 31,900.00		133	EA	\$ 275.00	\$ 36,575		
Subtotal Hollow Metal / Wood Doors & Frames						\$ 227,115						\$ 260,450
08 30 00	Specialty Doors Access Doors allowance Rolling Grille @ Servery 6x7 Coiling Service door 5x8 @ Electrical Service Room	1 2 1	LS EA EA	\$ 7,500.00 \$ 12,500.00 \$ 8,500.00	\$ 7,500.00 \$ 25,000.00 \$ 8,500.00	\$ 41,000	1 2 1	LS EA EA	\$ 7,500.00 \$ 12,500.00 \$ 8,500.00	\$ 7,500 \$ 25,000 \$ 8,500	\$ 41,000	
Subtotal Specialty Doors						\$ 41,000						\$ 41,000
08 41 00	Entrances & Storefront Remove and replace Storefronts New Storefronts Schoolguard Premium within 8' of Ground - Allowance Interior Storefronts Storefront door with Hardware - Installed Storefront with hardware - installed ballistic Ballistic Glazing - Hardening premium @ Main Entrance	8,868 8,171 1 1,000 6 7 220	SF SF LS SF EA EA SF	\$ 115.00 \$ 105.00 \$ 100,000.00 \$ 75.00 \$ 4,250.00 \$ 10,250.00 \$ 275.00	\$ 1,019,820.00 \$ 857,955.00 \$ 100,000.00 \$ 75,000.00 \$ 25,500.00 \$ 71,750.00 \$ 60,500.00	\$ 2,210,525	< N/A >					
Subtotal Entrances & Storefront						\$ 2,210,525	9,359	SF	\$ 105.00	\$ 982,695.00		
08 44 00	Metal Framed Curtainwall	< Assumes not required >				\$ -	3,089	SF	\$ 130.00	\$ 401,570.00	\$ 401,570	
Subtotal Metal Framed Curtainwall						\$ -						\$ -
08 50 00	Windows See Storefronts	< Included as Storefronts >				\$ -	< Included as Storefronts >					\$ -
Subtotal Windows						\$ -						\$ -
08 71 00	Door Hardware HW allowance per leaf HW Premium - Egress Acoustic Seals Allowance Hardware installation per leaf - Pass Hardware installation per leaf - Egress Secure Entrance Controls Doors and Frames -Access Controls allowance	216 49 10 167 49 1 1	EA EA EA EA EA EA EA	\$ 900.00 \$ 850.00 \$ 2,101.00 \$ 120.00 \$ 225.00 \$ 25,000.00 \$ 40,000.00	\$ 194,400.00 \$ 41,650.00 \$ 21,010.00 \$ 20,040.00 \$ 11,025.00 \$ 25,000.00 \$ 40,000.00	\$ 353,125	260 50 10 210 50 1 1	EA EA EA EA EA EA EA	\$ 900.00 \$ 850.00 \$ 2,101.00 \$ 120.00 \$ 225.00 \$ 25,000.00 \$ 40,000.00	\$ 234,000.00 \$ 42,500.00 \$ 21,010.00 \$ 25,200.00 \$ 11,250.00 \$ 25,000.00 \$ 40,000.00	\$ 398,960	
Subtotal Door Hardware						\$ 353,125						\$ 398,960
08 80 00	Glass & Glazing Skylights - Assumes none included Borrowed Lites Translucent Panel systems @ Gym Security Window @ Reception Mirrors											
		<< Excluded >>					<< Excluded >>					
		204	SF	\$ 60.00	\$ 12,240.00		600	SF	\$ 60.00	\$ 36,000.00		
		<< Excluded >>					420	SF	\$ 90.00	\$ 37,800.00		
		1	LS	\$ 7,500.00	\$ 7,500.00		1	LS	\$ 7,500.00	\$ 7,500.00		
		1	LS	\$ 10,000.00	\$ 10,000.00		1	LS	\$ 10,000.00	\$ 10,000.00		
Subtotal Glass & Glazing						\$ 29,740						\$ 91,300
08 90 00	Louvers & Vents Gable end louvers	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 7,500	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 7,500	
Subtotal Louvers & Vents						\$ 7,500						\$ 7,500
09 21 00	Gypsum Board Assemblies Drywall Partitions - Envelope Glassmat Drywall Partitions - Envelope Gyp Drywall Partitions Interior Partition std Drywall Partitions Furred Gyp Drywall Partitions - Gyp soffits Drywall Partitions - Type 1 STC Drywall Partitions - Type 2 STC Upgrades to existing partitions - 1 side Repair existing Drywall - Allowance Gyp @ Corridors & Classrooms - Including soffits Gyp MR @ TRs General Trades	14,036 14,036 5,255 3,500 1 16,153 14,442 1 1,761 3,170 1	SF SF SF SF LS SF SF LS SF SF LS	\$ 2.95 \$ 3.95 \$ 11.65 \$ 7.45 \$ 50,000.00 \$ 17.50 \$ 9.65 \$ 50,000.00 \$ 25.00 \$ 13.45 \$ 250,000.00	\$ 41,406.20 \$ 55,442.20 \$ 61,220.75 \$ 26,075.00 \$ 50,000.00 \$ 282,677.50 \$ 139,365.30 \$ 50,000.00 \$ 44,021.25 \$ 42,636.50 \$ 250,000.00	\$ 1,042,845	24,858 24,858 9,214 9,214 1 36,856 1,764 3,708 1	SF SF SF SF LS SF SF SF LS	\$ 2.95 \$ 3.95 \$ 11.65 \$ 7.45 \$ 75,000.00 \$ 17.50 \$ 25.00 \$ 13.45 \$ 250,000.00	\$ 73,331.10 \$ 98,189.10 \$ 107,343.10 \$ 72,637.50 \$ 75,000.00 \$ 644,980.00 \$ 44,111.25 \$ 49,872.60 \$ 250,000.00	\$ 1,415,465	
Subtotal Gypsum Board Assemblies						\$ 1,042,845						\$ 1,415,465
09 30 00	Tile Tile Backsplashes CWT Toilet rooms to 9' - Wet walls and Fountain alcoves	200 4,641	SF SF	\$ 22.00 \$ 18.00	\$ 4,400.00 \$ 83,538.00	\$ 87,938	200 9,226	SF SF	\$ 22.00 \$ 18.00	\$ 4,400.00 \$ 166,068.00	\$ 170,468	
Subtotal Tile						\$ 87,938						\$ 170,468
09 51 00	Acoustical Ceiling ACT 2x2 ACT 2x4 BOH ACT 2x2 / Premium Café / Lobbies / Linear ceiling mix ACT 2x2 - Pyramidal Diffusers ACT 2x2 - Washable Mechanical Duct liner - Basement ceiling	51,200 1,901 8,083 1,049 1,810 2,971	SF SF SF SF SF SF	\$ 8.10 \$ 6.35 \$ 25.00 \$ 15.00 \$ 9.10 \$ 12.50	\$ 414,720.00 \$ 12,071.35 \$ 202,075.00 \$ 15,735.00 \$ 16,471.00 \$ 37,137.50	\$ 698,210	48,047 340 7,454 1,239 1,810	SF SF SF SF SF	\$ 8.10 \$ 6.35 \$ 25.00 \$ 15.00 \$ 9.10	\$ 389,180.70 \$ 2,159.00 \$ 186,350.00 \$ 18,585.00 \$ 16,471.00	\$ 612,746	
Subtotal Acoustical Ceiling						\$ 698,210						\$ 612,746
09 64 00	Wood Flooring Gym Flooring Striping package - Gym Wood Stage Flooring	6,323 1 402	SF LS SF	\$ 26.00 \$ 5,000.00 \$ 13.85	\$ 164,398.00 \$ 5,000.00 \$ 5,567.70	\$ 174,966	5,640 1 1,037	SF LS SF	\$ 26.00 \$ 5,000.00 \$ 13.85	\$ 146,640.00 \$ 5,000.00 \$ 14,362.45	\$ 166,002	
Subtotal Wood Flooring						\$ 174,966						\$ 166,002
09 61 10	Vapor Mitigation Topical Moisture mitigation @ all flooring - HP Glues	20,781	SF	\$ 1.90	\$ 39,483.90	\$ 39,484	59,002	SF	\$ 1.90	\$ 112,103.80	\$ 112,104	
Subtotal Vapor Mitigation						\$ 39,484						\$ 112,104
09 65 00	Resilient Flooring Resilient LVT VCT BOH Rubber Sheet Rubber Treads & Risers Resilient Base Transition Strips Floor Prep - Resilient	51,854 1,795 200 210 9,363 1 54,059	SF SF LF LF LF LS SF	\$ 7.10 \$ 5.65 \$ 13.45 \$ 31.00 \$ 3.45 \$ 7,500.00 \$ 1.45	\$ 368,163.40 \$ 10,141.75 \$ 2,690.00 \$ 6,510.00 \$ 32,302.35 \$ 7,500.00 \$ 78,385.55	\$ 505,693	46,021 710 1,012 287 7,952 1 48,030	SF SF LF LF LF LS SF	\$ 7.10 \$ 5.65 \$ 13.45 \$ 31.00 \$ 3.45 \$ 7,500.00 \$ 0.75	\$ 326,749.10 \$ 4,011.50 \$ 13,611.40 \$ 8,897.00 \$ 27,434.40 \$ 7,500.00 \$ 36,022.50	\$ 424,226	
Subtotal Resilient Flooring						\$ 505,693						\$ 424,226
09 66 00	Terrazzo Assumes not required	< Assumes not required >				\$ -	< Assumes not required >					\$ -
Subtotal Terrazzo						\$ -						\$ -
09 67 00	Resinous Flooring ERF-1 Floor Prep - Epoxy Epoxy base	4,276 4,276 918	SF SF LF	\$ 22.00 \$ 1.95 \$ 12.50	\$ 94,072.00 \$ 8,338.20 \$ 11,475.00	\$ 113,885	5,291 5,291 1,702	SF SF LF	\$ 22.00 \$ 0.75 \$ 12.50	\$ 116,402.00 \$ 3,968.25 \$ 21,275.00	\$ 141,645	
Subtotal Resinous Flooring						\$ 113,885						\$ 141,645
09 68 00	Carpet Carpet tile Floor prep - Carpet	6,588 6,588	SF SF	\$ 6.21 \$ 1.25	\$ 40,911.48 \$ 8,235.00	\$ 49,146	5,681 5,681	SF SF	\$ 6.21 \$ 0.75	\$ 35,279.01 \$ 4,260.75	\$ 39,540	
Subtotal Carpet						\$ 49,146						\$ 39,540
09 80 00	Acoustical Treatment Acoustical Treatments Allowance Acoustical Treatments Allowance - Gym & Stage	1 1	LS LS	\$ 125,000.00 \$ 25,000.00	\$ 125,000.00 \$ 25,000.00	\$ 150,000	1 1	LS LS	\$ 125,000.00 \$ 25,000.00	\$ 125,000.00 \$ 25,000.00	\$ 150,000	
Subtotal Acoustical Treatment						\$ 150,000						\$ 150,000
09 91 00	Painting & Wallcoverings Painting - Historic SF Allowance Sealed Concrete flooring	73,572 4,250	SF SF	\$ 3.95 \$ 1.45	\$ 290,609.40 \$ 6,162.50	\$ 296,772	71,673 995	SF SF	\$ 3.95 \$ 1.45	\$ 283,108.35 \$ 1,442.75	\$ 284,551	
Subtotal Painting & Wallcoverings						\$ 296,772						\$ 284,551
10 11 00	Visual Display Surfaces Historic LS Comparison Value	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 75,000	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 75,000	
Subtotal Visual Display Surfaces						\$ 75,000						\$ 75,000
10 14 00	Signage Signage Allowance	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 75,000	
Subtotal Signage						\$ 50,000						\$ 75,000
10 21 13	Toilet Compartments Partition - ADA Partition - STD Partition - Urinal	10 14 1	EA EA EA	\$ 1,825.00 \$ 1,410.00 \$ 675.00	\$ 18,250.00 \$ 19,740.00 \$ 675.00	\$ 38,665	10 14 1	EA EA EA	\$ 1,825.00 \$ 1,410.00 \$ 675.00	\$ 18,250.00 \$ 19,740.00 \$ 675.00	\$ 38,665	
Subtotal Toilet Compartments						\$ 38,665						\$ 38,665
10 21 23	Cubicle Curtain & Track Historic Allowance	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 3,500	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 3,500	
Subtotal Cubicle Curtain & Track						\$ 3,500						\$ 3,500
10 22 00	Operable Partitions 14' Operable Partitions - Motorized STC 53 Café / Band	< Not Included >				\$ -	< Not Included >					\$ -
Subtotal Operable Partitions						\$ -						\$ -
10 26 00	Wall & Door Protection Protection Allowance	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 25,000	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 25,000	



3,825,305

Saturday, December 14, 2024

	Quantity	Unit	Unit Price	Extended Total	
Bungay ES RAN Site Estimate					
Temporary Site Security Fencing					37,193.00
6' CLF, panels	3,500	lf	4.95	17,325.00	
24' Double drive gate	3	ea	550.00	1,650.00	
Privacy mesh	2,000	lf	1.40	2,800.00	
Core fence posts in asphalt		lf	5.00	-	
Concrete Barriers (set-up & take down)	200	lf	52.09	10,418.00	
Temp. signage as needed	1	ls	5,000.00	5,000.00	
			-	-	
Surveying & Layout for Sitework					22,500.00
Initial Horizontal & Vertical controls	1	ls	22,500.00	22,500.00	
			-	-	
Winter Conditions - Excluded (In CM GC's)					-
			-	-	
Erosion Control					53,981.68
Construction entrance w/ wash rack	2	ea	3,461.99	6,923.98	
Staked hay bales	300	ea	12.77	3,831.00	
Dust control	60	hrs	122.24	7,334.40	
Inlet protection	20	ea	153.85	3,077.00	
Silt fence w/ wire backing, 48" tall	3,000	lf	4.62	13,860.00	
Sweeping (truck)	40	hrs	122.24	4,889.60	
Sweeping (handwork)	20	hrs	65.91	1,318.20	
Temporary seed	25,000	sf	0.07	1,750.00	
E&S Inspection & reports	60	hrs	130.00	7,800.00	
Furnish 20 gallon oil spill kit	1	ea	146.57	146.57	
Removal of E&S measures	1	ls	3,050.93	3,050.93	
			-	-	
Site Demolition					153,432.95
Tree protection fence - 4' orange plastic	1,000	lf	5.85	5,850.00	
Clear & grub Heavy	1.25	acre	9,500.00	11,875.00	
Reclaim asphalt	3,398	sy	3.00	10,192.67	
Strip & stockpile 8" reclaimed material. Assume 80% re-use	728	cy	8.74	6,366.53	
Credit for re-use of reclaimed material	728	cy	(38.00)	(27,680.56)	
Add for "double handling" material on-site	728	cy	4.46	3,248.82	
Strip & load reclaimed material. Assume 20% not meeting spec	182	cy	3.46	630.10	
Export material	182	cy	27.00	4,916.94	
Sawcut asphalt - on-site	650	lf	3.90	2,535.00	
Sawcut asphalt - road	350	lf	7.32	2,562.00	
Strip & load Asphalt, large areas	604	cy	23.22	14,035.20	
Export Asphalt	604	cy	33.98	20,539.02	
Remove bollards	12	ea	63.22	758.64	
Remove fencing	1	ls	5,000.00	5,000.00	
Strip & load concrete flatwork, small areas, sidewalk	378	cy	46.44	17,544.00	
Export concrete	378	cy	33.98	12,836.89	
Remove site signage	10	ea	63.22	632.20	
Remove utility structures (CB's, MH's, trans pads, etc.)	10	ea	409.05	4,090.50	
Dumpsters	10	ea	750.00	7,500.00	
UST Removals allowance	1	LS	50,000.00	50,000.00	
			-	-	
Building Demolition - In Estimate detail					-
			-	-	
Mass Earthwork					351,308.13
Rock Work Allowance			< Excluded >	-	
Mass EW Allowance - Cuts to fills New bus loop	25,000	CYD	9.65	241,250.00	
Strip & stockpile topsoil for re-use (hilly, thin, difficult)	604	cy	12.16	7,350.04	
Strip & load excess Forest Mat (hilly, thin, difficult)	2,382	cy	4.62	11,005.87	
Export excess material - Forest mat	2,382	cy	28.00	66,702.22	
<u>Rock Removal - Excluded</u>					
Mass EW Allowance - Stairs and Path to Sportsfield	1	LS	25,000.00	25,000.00	
			-	-	
Building Excavation					166,761.65
New Building Additions Structural E&B	17,281	SF	9.65	166,761.65	
			-	-	
Storm Drainage					507,018.54
Street connections allowance	1	ls	20,000.00	20,000.00	
8" PVC Storm drain connections (6-8vf)	200	lf	38.00	7,600.00	
8" PVC Footing underdrain	425	lf	46.00	19,550.00	
15" HDPE (6-8vf)	1,395	lf	48.00	66,960.00	
Misc. fittings	1	ls	7,500.00	7,500.00	
Cleanouts	2	ea	935.80	1,871.60	
Yard drains (2-4vf)	5	ea	2,097.40	10,487.00	
Catch basin w/ 4' sump	14	ea	3,750.00	52,500.00	
Manhole 5' diameter (6-8vf)	2	ea	4,250.00	8,500.00	
Outlet structure	2	ea	5,654.95	11,309.90	
Flared Ends, Headwall, Level spreader	2	ea	7,500.00	15,000.00	
Water quality structure	2	ea	20,399.97	40,799.94	
Tie into existing structure	2	ea	680.90	1,361.80	
Tie into existing pipe	3	ea	372.31	1,116.93	
Tie into stub at building	3	ea	372.31	1,116.93	
Stone bedding	109	cy	31.86	3,456.81	
Sand cover	217	cy	20.39	4,424.63	
Export excess material	326	cy	26.00	8,463.00	
Storm retention allowance -	1	ls	225,000.00	225,000.00	
Multi Purpose Field drainage allowance			< Excluded >	-	
Bioretention Gardens					50,000.00
Bioretention gardens Allowance	1	LS	50,000.00	50,000.00	
			-	-	



3,825,305

Saturday, December 14, 2024

	Quantity	Unit	Unit Price	Extended Total	
Bungay ES RAN Site Estimate					
Sanitary Sewer					26,342.21
Assumes existing Sanitary water service to remain		< Excluded >		-	
Testing (vacuum)	1	ls	1,342.21	1,342.21	
Camera Exploration and testing of existing Septic System	1	ls	10,000.00	10,000.00	
New Grease interceptor and GW lines from Kitchen area - tie to existing Sanitary lines	1	LS	15,000.00	15,000.00	
Water Systems					-
Assumes existing DOM water service to remain		< Excluded >		-	
Assumes existing Fire water service to remain		< Excluded >		-	
Gas Service E/B					-
Assumes existing Natural Gas service to remain		< Excluded >		-	
Site Electric E/B					41,689.76
Pole riser -	1	ls	10,000.00	10,000.00	
E/B Primary ductbank	620	lf	11.50	7,130.00	
Sand bedding	41	cy	20.39	842.79	
Concrete encasement (free pour)	11	cy	206.11	2,290.11	
#4 Rebar for ductbank	500	lf	0.64	320.00	
E/B Secondary conduits	50	lf	11.50	575.00	
Sand bedding	3	cy	20.39	67.97	
Concrete encasement (free pour)	9	cy	206.11	1,832.09	
#4 Rebar for ductbank	680	lf	0.64	435.20	
E/B Telecom	250	lf	11.50	2,875.00	
Sand bedding	17	cy	20.39	339.83	
Concrete encasement (free pour)	44	cy	206.11	9,160.44	
#4 Rebar for ductbank	1,000	lf	0.64	640.00	
Transformer pad	1	ea	3,500.00	3,500.00	
Export excess material	65	cy	26.00	1,681.33	
Site Lighting E/B					146,728.50
E/B for Conduits	2,250	lf	7.67	17,257.50	
Sand bedding	100	cy	20.39	2,039.00	
Export excess material	100	cy	13.42	1,342.00	
Site lighting bases	30	ea	965.00	28,950.00	
Lighted Bollard bases	4	ea	965.00	3,860.00	
Light poles and heads - installed LED	30		2,950.00	88,500.00	
Light bollards- installed LED	4		1,195.00	4,780.00	
Curbing					118,523.00
Cast-in-place concrete curb	4,087	lf	29.00	118,523.00	
Bituminous Sidewalks - Not Applicable					-
Concrete Sidewalks					192,994.61
Form subgrade	1,982	sy	4.60	9,115.16	
8" Base material	531	cy	34.67	18,411.74	
Fine grade	1,982	sy	4.60	9,115.16	
E/B Monolithic curb	1,730	lf	4.43	7,663.90	
5" Concrete sidewalks w/ wire	17,834	sf	6.74	120,201.16	
Stamped colored concrete	475	sf	17.00	8,075.00	
Monolithic curb	1,730	lf	10.73	18,562.90	
Detectable warning surfaces - tiles	40	sf	46.24	1,849.60	
Concrete Site Stairs					100,000.00
Concrete Site Stairs & Switchback ramp - Field Access - Remove & Replace with railings	1	ea	100,000.00	100,000.00	
Generator Pad & Enclosure - not required					-
Retaining Walls					-
Segmental Block Retaining walls		< Excluded >		-	
Retaining Wall @Sportsfield Access - Included in Site Stairs and ramps allowance					-
Monument Sign E/B - None identified					3,500.00
E/B for Foundation	1	ea	3,500.00	3,500.00	
Bituminous Pavement					698,113.08
<i>Full Depth paving SD (Parent Drop-off, Parking, Paved Play & Emergency access)</i>					
Form subgrade	3,891	sy	1.01	3,930.13	
Geotextile fabric - None identified					
8" Subbase	1,043	cy	38.00	39,628.21	
6" Base	778	cy	42.00	32,686.27	
Fine grade	3,891	sy	1.00	3,891.22	
Prime coat	3,891	sy	1.00	3,891.22	
1.5" Binder	340	ton	160.00	54,477.11	
Tack coat	3,891	sy	0.50	1,945.61	
1.5" Surface	340	ton	165.00	56,179.52	
<i>Full Depth paving HD (Bus Loop and Service Area)</i>					
Form subgrade	4,446	sy	1.01	4,490.12	
Geotextile fabric - None identified					
10" Subbase	1,476	cy	38.00	56,086.53	
6" Base	889	cy	42.00	37,343.60	
Fine grade	4,446	sy	1.00	4,445.67	
Prime coat	4,446	sy	1.00	4,445.67	
2.0" Binder	529	ton	160.00	84,645.49	
Tack coat	4,446	sy	0.50	2,222.83	
2.0" Surface	529	ton	165.00	87,290.67	



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Saturday, December 14, 2024

	Quantity	Unit	Unit Price	Extended Total	
Bungay ES RAN Site Estimate					
Reclaimed Area					
Form subgrade @ Reclaimed area	3,398	sy	1.01	3,431.53	
Geotextile fabric - None identified					
10" Subbase - Assumes existing to remain					< Excluded >
4" Base	462	cy	38.00	17,558.57	
Fine grade	3,398	sy	1.00	3,397.56	
Prime coat	3,398	sy	1.00	3,397.56	
1.5" Binder	404	ton	160.00	64,689.46	
Tack coat	3,398	sy	0.50	1,698.78	
1.5" Surface	404	ton	165.00	66,711.00	
Repave Paved Play area with Synthetic surface					
Synthetic colored surface treatment with striping	8,500	SF	3.95	33,575.00	
Bituminous path to playfields					
Bituminous sidewalk	4,000	sf	5.78	23,120.00	
Sweeping	24	hrs	122.24	2,933.76	
Pavement Markings					
Lump Sum pavement markings	1	ls	7,500.00	7,500.00	7,500.00
Site Signage					
Signage allowance	1	ls	8,500.00	8,500.00	8,500.00
Topsoil					
Subgrade site - small areas		sy	1.15	-	
Subgrade - athletic fields		sy	1.10	-	
Screen topsoil w/ power screener	600	cy	6.23	3,738.00	
Screen topsoil w/ Read Screen-all		cy	7.62	-	
Export tailings	180	cy	13.42	2,415.60	
Import screened topsoil	1,200	cy	35.00	42,000.00	
Spread stockpiled topsoil - open areas	420	cy	11.09	4,657.80	
Spread imported topsoil - open areas	1,200	cy	5.15	6,180.00	
Spread stockpiled topsoil- small areas	420	cy	15.15	6,363.00	
Topsoils - Imported for MP Field (Subgrade, Import & Place)					< Excluded >
Plantings Mix	205	CYD	42.00	8,610.00	
Landscaping					
Plantings Allowance - Residential area / screening requirements	1	LS	300,000.00	300,000.00	329,480.00
Landscape Boulders allowance	1	ls	7,500.00	7,500.00	
Decorative stone mulch	33	cyd	60.00	1,980.00	
Steel edging	250	lf	6.00	1,500.00	
Seeded lawns	75,000	sf	0.08	6,000.00	
MP Field / Softball Field seeding and Maintenance					< Excluded >
Maintenance	1	ls	7,500.00	7,500.00	
Watering	1	ls	5,000.00	5,000.00	
Irrigation - Assumes not required					
Dumpster Screenwall					
Dumpster screenwall allowance	1	ls	12,500.00	12,500.00	12,500.00
Fence & Guiderail					
4' Vinyl Fence	440	lf	48.00	21,120.00	147,145.00
Emergency Vehicle Gate - 30' dual swing manual with knox box	2	EA	12,500.00	25,000.00	
Wood Guiderail	500	lf	45.00	22,500.00	
Mech / Electrical equipment screening	1	LS	7,500.00	7,500.00	
Site Stair / Ramp railings	140	lf	110.00	15,400.00	
Bollards					
6" Steel bollards	6	ea	843.00	5,058.00	5,058.00
Site Furnishings					
Furnish materials					
Bike racks	6	ea	764.70	4,588.20	
Benches	5	ea	1,401.95	7,009.75	
Trash can	4	ea	1,274.50	5,098.00	
Shipping	1	ls	1,750.00	1,750.00	
Installation					
Bike racks (assemble & surface mount)	2	ea	238.59	477.18	
Benches (assemble & surface mount)	5	ea	238.59	1,192.95	
Trash can (assemble & surface mount)	4	ea	238.59	954.36	
Playscapes & Outdoor spaces					
Playscape equipment allowance -	1	LS	300,000.00	300,000.00	
PIP Playscape prep and surface with underdrains	1	LS	250,000.00	250,000.00	
Off-Site Work					
Off Site work					< Excluded >
End of Estimate					



4,148,454

Saturday, December 14, 2024

	Quantity	Unit	Unit Price	Extended Total	
Bungay ES New Site Estimate					
Temporary Site Security Fencing					42,143.00
6' CLF, panels	4,500	lf	4.95	22,275.00	
24' Double drive gate	3	ea	550.00	1,650.00	
Privacy mesh	2,000	lf	1.40	2,800.00	
Core fence posts in asphalt		lf	5.00	-	
Concrete Barriers (set-up & take down)	200	lf	52.09	10,418.00	
Temp. signage as needed	1	ls	5,000.00	5,000.00	
			-	-	
Surveying & Layout for Sitework					22,500.00
Initial Horizontal & Vertical controls	1	ls	22,500.00	22,500.00	
			-	-	
Winter Conditions - Excluded (In CM GC's)					-
			-	-	
Erosion Control					53,981.68
Construction entrance w/ wash rack	2	ea	3,461.99	6,923.98	
Staked hay bales	300	ea	12.77	3,831.00	
Dust control	60	hrs	122.24	7,334.40	
Inlet protection	20	ea	153.85	3,077.00	
Silt fence w/ wire backing, 48" tall	3,000	lf	4.62	13,860.00	
Sweeping (truck)	40	hrs	122.24	4,889.60	
Sweeping (handwork)	20	hrs	65.91	1,318.20	
Temporary seed	25,000	sf	0.07	1,750.00	
E&S Inspection & reports	60	hrs	130.00	7,800.00	
Furnish 20 gallon oil spill kit	1	ea	146.57	146.57	
Removal of E&S measures	1	ls	3,050.93	3,050.93	
			-	-	
Site Demolition					119,137.68
Tree protection fence - 4' orange plastic	1,000	lf	5.85	5,850.00	
Clear & grub Heavy	1.25	acre	9,500.00	11,875.00	
Reclaim asphalt	9,304	sy	3.00	27,912.33	
Strip & stockpile 8" reclaimed material. Assume 80% re-use	1,995	cy	8.74	17,434.56	
Credit for re-use of reclaimed material	1,995	cy	(38.00)	(75,802.45)	
Add for "double handling" material on-site	1,995	cy	4.46	8,896.81	
Strip & load reclaimed material. Assume 20% not meeting spec	499	cy	3.46	1,725.50	
Export material	499	cy	27.00	13,464.91	
Sawcut asphalt - on-site	650	lf	3.90	2,535.00	
Sawcut asphalt - road	350	lf	7.32	2,562.00	
Strip & load Asphalt, large areas	76	cy	23.22	1,754.40	
Export Asphalt	76	cy	33.98	2,567.38	
Remove bollards	12	ea	63.22	758.64	
Remove fencing	1	ls	5,000.00	5,000.00	
Strip & load concrete flatwork, small areas, sidewalk	378	cy	46.44	17,544.00	
Export concrete	378	cy	33.98	12,836.89	
Remove site signage	10	ea	63.22	632.20	
Remove utility structures (CB's, MH's, trans pads, etc.)	10	ea	409.05	4,090.50	
Dumpsters	10	ea	750.00	7,500.00	
UST Removals allowance	1	LS	50,000.00	50,000.00	
			-	-	
Building Demolition - In Estimate detail					-
			-	-	
Mass Earthwork					344,624.04
Rock Work Allowance			< Excluded >	-	
Mass EW Allowance - Cuts to fills New bus loop	25,000	CYD	9.65	241,250.00	
Strip & stockpile topsoil for re-use (hilly, thin, difficult)	3,250	cy	12.16	39,520.00	
Strip & load excess Forest Mat (hilly, thin, difficult)	1,191	cy	4.62	5,502.93	
Export excess material - Forest mat	1,191	cy	28.00	33,351.11	
<u>Rock Removal - Excluded</u>					
Mass EW Allowance - Stairs and Path to Sportsfield	1	LS	25,000.00	25,000.00	
			-	-	
Building Excavation					394,040.00
New Building Structural E&B	49,255	SF	8.00	394,040.00	
			-	-	
Storm Drainage					593,519.48
Street connections allowance	1	ls	20,000.00	20,000.00	
8" PVC Storm drain connections (6-8vf)	400	lf	38.00	15,200.00	
8" PVC Footing underdrain	1530	lf	46.00	70,380.00	
15" HDPE (6-8vf)	1,750	lf	48.00	84,000.00	
Misc. fittings	1	ls	12,500.00	12,500.00	
Cleanouts	4	ea	935.80	3,743.20	
Yard drains (2-4vf)	5	ea	2,097.40	10,487.00	
Catch basin w/ 4' sump	14	ea	3,750.00	52,500.00	
Manhole 5' diameter (6-8vf)	2	ea	4,250.00	8,500.00	
Outlet structure	2	ea	5,654.95	11,309.90	
Flared Ends, Headwall, Level spreader	2	ea	7,500.00	15,000.00	
Water quality structure	2	ea	20,399.97	40,799.94	
Tie into existing structure	2	ea	680.90	1,361.80	
Tie into existing pipe	3	ea	372.31	1,116.93	
Tie into stub at building	3	ea	372.31	1,116.93	
Stone bedding	136	cy	31.86	4,336.50	
Sand cover	272	cy	20.39	5,550.61	
Export excess material	408	cy	26.00	10,616.67	
Storm retention allowance -	1	ls	225,000.00	225,000.00	
Multi Purpose Field drainage allowance			< Excluded >	-	
Bioretention Gardens					50,000.00
Bioretention gardens Allowance	1	LS	50,000.00	50,000.00	
			-	-	



4,148,454

Saturday, December 14, 2024

Bungay ES New Site Estimate

Quantity	Unit	Unit Price	Extended Total
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Sanitary Sewer 79,119.51

Tie into CB in street	1	LS	20,000.00	20,000.00
6" PVC SDR-35 (8-10vf)	750	lf	44.89	33,667.50
Cleanouts	4	ea	935.80	3,743.20
Manhole (6-8vf)	1	ea	2,641.23	2,641.23
Grease trap 2500 gallon	1	ea	7,471.11	7,471.11
Tie into stub at building	3	ea	372.31	1,116.93
Stone bedding	58	cy	31.86	1,858.50
Sand cover	117	cy	20.39	2,378.83
Export excess material	175	cy	28.00	4,900.00
Testing (vacuum)	1	ls	1,342.21	1,342.21
New Grease interceptor and GW lines from Kitchen area - tie to existing Sanitary lines		LS	15,000.00	-
			-	-

Water Systems 150,105.25

Fire water connection on Site	1	LS	7,500.00	7,500.00
DOM Water connection on site	1	LS	3,980.00	3,980.00
4" DIP DOM CL52	360	LF	75.60	27,216.00
8" DIP CL52	773	LF	83.00	64,159.00
4" Gate Valve	1	EA	1,278.54	1,278.54
8" Gate Valve	1	EA	1,979.52	1,979.52
4" Post indicator valve	1	EA	2,234.42	2,234.42
Blow-Off Assembly	1	EA	1,269.85	1,269.85
8" Tee	3	EA	1,023.64	3,070.92
4" Bends	4	EA	577.57	2,310.28
8" Bends	8	EA	832.47	6,659.76
Hydrants	2	EA	50.00	-
Freestanding Fire Department Connection	1	EA	3,457.32	3,457.32
Thrust Blocks	15	EA	399.20	5,988.00
Stub 4" DIP Inside Building, Stub AFF & Flanged Cap	1	EA	2,676.78	2,676.78
Stub 8" DIP Inside Building, Stub AFF & Flanged Cap	1	EA	2,931.68	2,931.68
Stone Bedding	88	cy	38.23	3,368.91
Sand Cover	176	cy	25.49	4,492.47
Export Excess Material	264	cy	14.86	3,928.49
Testing	1	ls	1,603.31	1,603.31
			-	-

Gas Service E/B 30,000.00

E&B For Gas Service	1	ls	30,000.00	30,000.00
			-	-

Site Electric E/B 42,607.41

Pole riser -	1	ls	10,000.00	10,000.00
E/B Primary ductbank	320	lf	11.50	3,680.00
Sand bedding	21	cy	20.39	434.99
Concrete encasement (free pour)	11	cy	206.11	2,291.11
#4 Rebar for ductbank	500	lf	0.64	320.00
E/B Secondary conduits	50	lf	11.50	575.00
Sand bedding	3	cy	20.39	67.97
Concrete encasement (free pour)	9	cy	206.11	1,832.09
#4 Rebar for ductbank	680	lf	0.64	435.20
E/B Telecom	350	lf	11.50	4,025.00
Sand bedding	23	cy	20.39	475.77
Concrete encasement (free pour)	62	cy	206.11	12,824.62
#4 Rebar for ductbank	1,400	lf	0.64	896.00
Transformer pad	1	ea	3,500.00	3,500.00
Export excess material	45	cy	28.00	1,250.67
			-	-

Site Lighting E/B 146,728.50

E/B for Conduits	2,250	lf	7.67	17,257.50
Sand bedding	100	cy	20.39	2,039.00
Export excess material	100	cy	13.42	1,342.00
Site lighting bases	30	ea	965.00	28,950.00
Lighted Bollard bases	4	ea	965.00	3,860.00
Light poles and heads - installed LED	30		2,950.00	88,500.00
Light bollards- installed LED	4		1,195.00	4,780.00
			-	-

Curbing 122,670.00

Cast-in-place concrete curb	4,230	lf	29.00	122,670.00
			-	-

Bituminous Sidewalks - Not Applicable -

Concrete Sidewalks 167,076.68

Form subgrade	1,827	sy	4.60	8,406.24
8" Base material	490	cy	34.67	16,979.81
Fine grade	1,827	sy	4.60	8,406.24
E/B Monolithic curb	825	lf	4.43	3,654.75
5" Concrete sidewalks w/ wire	16,447	sf	6.74	110,852.78
Stamped colored concrete	475	sf	17.00	8,075.00
Monolithic curb	825	lf	10.73	8,852.25
Detectable warning surfaces - tiles	40	sf	46.24	1,849.60
			-	-

Concrete Site Stairs 161,573.33

Concrete stair Footings and kneewalls	75	cyd	745.00	56,123.33
Concrete stairs - formed and rubbed	50	cyd	1,225.00	61,250.00
Site stair nosing imbeds - Galvanized	320	LF	35.00	11,200.00
Railings	200	LF	165.00	33,000.00
			-	-

Generator Pad & Enclosure - not required -



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Bungay ES New Site Estimate

Quantity	Unit	Unit Price	Extended Total
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Retaining Walls				-
Segmental Block Retaining walls		< Excluded >	-	-
Retaining Wall @Sportsfield Access - Included in Site Stairs and ramps allowance				-
Monument Sign E/B - None identified				3,500.00
E/B for Foundation	1	ea	3,500.00	3,500.00
Bituminous Pavement				548,270.65
<u>Full Depth paving SD (Parent Drop-off, Parking, Paved Play & Emergency access)</u>				
Form subgrade	1,188	sy	1.01	1,200.10
Geotextile fabric - None identified				
8" Subbase	318	cy	38.00	12,100.86
6" Base	238	cy	42.00	9,981.07
Fine grade	1,188	sy	1.00	1,188.22
Prime coat	1,188	sy	1.00	1,188.22
1.5" Binder	104	ton	160.00	16,635.11
Tack coat	1,188	sy	0.50	594.11
1.5" Surface	104	ton	165.00	17,154.96
<u>Full Depth paving HD (Bus Loop and Service Area)</u>				
Form subgrade	4,410	sy	1.01	4,454.55
Geotextile fabric - None identified				
10" Subbase	1,464	cy	38.00	55,642.17
6" Base	882	cy	42.00	37,047.73
Fine grade	4,410	sy	1.00	4,410.44
Prime coat	4,410	sy	1.00	4,410.44
2.0" Binder	525	ton	160.00	83,974.86
Tack coat	4,410	sy	0.50	2,205.22
2.0" Surface	525	ton	165.00	86,599.08
<u>Reclaimed Area</u>				
Form subgrade @ Reclaimed area	3,874	sy	1.01	3,912.40
Geotextile fabric - None identified				
10" Subbase - Assumes existing to remain			< Excluded >	-
4" Base	527	cy	38.00	20,019.11
Fine grade	3,874	sy	1.00	3,873.67
Prime coat	3,874	sy	1.00	3,873.67
1.5" Binder	461	ton	160.00	73,754.61
Tack coat	3,874	sy	0.50	1,936.83
1.5" Surface	461	ton	165.00	76,059.45
<u>Repave Paved Play area with Synthetic surface</u>				
Synthetic colored surface treatment with striping			< Excluded >	-
<u>Bituminous path to playfields</u>				
Bituminous sidewalk	4,000	sf	5.78	23,120.00
Sweeping	24	hrs	122.24	2,933.76
Pavement Markings				7,500.00
Lump Sum pavement markings	1	ls	7,500.00	7,500.00
Site Signage				8,500.00
Signage allowance	1	ls	8,500.00	8,500.00
Topsoil				126,442.81
Subgrade site - large	27,778	sy	1.15	31,944.44
Subgrade - athletic fields	5,556	sy	1.10	6,111.11
Screen topsoil w/ power screener	3,250	cy	6.23	20,247.50
Export tailings	975	cy	28.00	27,300.00
Spread stockpiled topsoil - open areas	2,275	cy	11.09	25,229.75
Plantings Mix	205	CYD	42.00	8,610.00
Landscaping				355,369.08
Plantings Allowance - Residential area / screening requirements	1	LS	300,000.00	300,000.00
Landscape Boulders allowance	1	ls	7,500.00	7,500.00
Decorative stone mulch	33	cyd	60.00	1,980.00
Steel edging	250	lf	6.00	1,500.00
Seeded lawns	250,000	sf	0.08	20,000.00
MP Field / Softball Outfield seeding and Maintenance	42,461	sf	0.28	11,889.08
Maintenance	1	ls	7,500.00	7,500.00
Watering	1	ls	5,000.00	5,000.00
Irrigation - Assumes not required				-
Dumpster Screenwall				12,500.00
Dumpster screenwall allowance	1	ls	12,500.00	12,500.00
Fence & Guiderail				103,175.00
4' Vinyl Fence	600	lf	48.00	28,800.00
Emergency Vehicle Gate - 30' dual swing manual with knox box			< Excluded >	-
Wood Guiderail	250	lf	45.00	11,250.00
Mech / Electrical equipment screening	1	LS	7,500.00	7,500.00
Bollards				5,058.00
6" Steel bollards	6	ea	843.00	5,058.00



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	Quantity	Unit	Unit Price	Extended Total
Bungay ES New Site Estimate				
Site Furnishings				
				458,312.09
<u>Furnish materials</u>				
Bike racks	6	ea	764.70	4,588.20
Benches	5	ea	1,401.95	7,009.75
Trash can	4	ea	1,274.50	5,098.00
Shipping	1	ls	1,750.00	1,750.00
<u>Installation</u>				
Bike racks (assemble & surface mount)	2	ea	238.59	477.18
Benches (assemble & surface mount)	5	ea	238.59	1,192.95
Trash can (assemble & surface mount)	4	ea	238.59	954.36
<u>Playscapes & Outdoor spaces</u>				
Playscape equipment allowance -	1	LS	300,000.00	300,000.00
PIP Playscape prep and surface with underdrains	2,000	SF	32.50	65,000.00
Refurbish Engineered woodchip play surface	9,087	SF	7.95	72,241.65
Off-Site Work				
				-
Off Site work			< Excluded >	-
End of Estimate				