

Sandown School - Kitchen Reno
Revised Conceptual Estimate 12-11-2013

Project name	Sandown Central School Conceptual Estimate Sandown NH
Estimator	Carl DuBois
Labor rate table	NH
Job size	1600 sf
Duration	8 wks
Bid date	12/11/2013 2:00 PM
Notes	Exclusions - Building Permit - Material Testing - Abatement / Testing of Hazardous Materials - Off Hours Work - Owner Contingency - Warewasher -Design Cost
Report format	Sorted by 'Group phase/Phase' 'Group phase' summary

Group	Phase	Description	Takeoff Quantity	Labor Cost/Unit	Material Price	Material Amount	Sub Cost/Unit	Sub Amount	Sub Name	Total Amount
1000		GENERAL CONDITIONS		/ls		3,760	/ls	2,240		40,200
2000		EARTHWORK		/ls			/ls	14,500		14,500
3000		CONCRETE		/cy		1,968	/cy	1,000		2,968
4000		MASONRY		/ls			/ls	15,100		15,100
5000		METALS						5,250		5,250
6000		WOOD & PLASTIC								8,000
7000		THERMAL/MOISTURE						2,500		2,500
8000		DOORS & WINDOWS						11,209		11,209
9000		FINISHES						31,170		31,170
10000		SPECIALTIES								
11000		EQUIPMENT						109,100		109,100
15000		MECHANICAL						53,936		53,936
16000		ELECTRICAL		/ls			/ls	24,784		24,784

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	42,200		440,000 hrs			26.375 /sf	12.22%
Material	5,728					3.580 /sf	1.66%
Subcontract	270,789					169.243 /sf	78.40%
Equipment							
Other							
	<u>318,717</u>	<u>318,717</u>				<u>199.198 /sf</u>	<u>92.27</u>
I Performance & Payment Bond	2,850				B	1.781 /sf	0.83%
Builders Risk Insurance	432			1.250 \$ / 1,000	T	0.270 /sf	0.13%
Building Permit - By Owner					L		
General Liability & Umbrella P	1,965			0.569 %	T	1.228 /sf	0.57%
Contingency Lump Sum	5,000				L	3.125 /sf	1.45%
CM Fee %	16,448			5.000 %	T	10.280 /sf	4.76%
Total		345,412				215.883 /sf	

SEE PAGE 5 FOR 2015-16 COST ESTIMATE

Group	Phase	Description	Takeoff Quantity	Labor Cost/Unit	Material Price	Material Amount	Sub Cost/Unit	Sub Amount	Sub Name	Total Amount
1000		GENERAL CONDITIONS								
	1100	Superintendent								
		Superintendent (John Lappas)	8.00 wk	3,000.00 /wk	-	-	-	-		24,000
		General Superintendent	0.00 wk	0.00 /wk	-	-	-	-		0
		Superintendent		/wk			/wk			24,000
	1140	Proj. Management								
		Senior Project Manager	0.00 wk	0.00 /wk	-	-	-	-		0
		Projct Manager (Tony DaCosta)	3.00 wk	3,400.00 /wk	-	-	-	-		10,200
		Proj. Management		/wk			/wk			10,200
	1210	Harvey's Field Office								
		Bottled Water	2.00 mnth	-	-	-	35.00 /mnth	70		70
		Cell Phone	2.00 mnth	-	-	-	150.00 /mnth	300		300
		Temp. Toilet	0.00 mnth	-	-	-	0.00 /mnth	0		0
		Office Supplies	2.00 mnth	-	100.00 /mnth	200	-	-		200
		Fax/ Copier	2.00 mnth	-	-	-	200.00 /mnth	400		400
		Computer	2.00 mnth	-	-	-	150.00 /mnth	300		300
		Hi-Speed Internet Connection	2.00 mnth	-	-	-	-	-	By Owner	-
		Harvey's Field Office		/mo		200	/mo	1,070		1,270
	1260	Temp. Water								
		Temp. Water	2.00 ls	-	/ls				By Owner	-
	1280	Pickup Truck								
		Pickup Truck	8.00 wk	-	225.00 /wk	1,800	-	-		1,800
		Pickup Truck		/wk		1,800	/wk			1,800
	1320	Safety								
		Safety Inspections	4.00 hrs	-	-	-	100.00 /hrs	400		400
		First Aid Kit Refills	2.00 mnth	-	-	-	50.00 /mnth	100		100
		Safety		/wk			/wk	500		500
	1330	Temp. Electric								
		Temp. Electric Usage	1,600.00 sf	-	-	-	-	-	By Owner	-
	1335	Fire Protection								
		Fire Protection	1.00 ls	-	60.00 /ls	60	-	-		60
		Fire Protection		/ls		60	/ls			60
	1360	Small Tools								
		Small Tools	2.00 mnth	-	275.00 /mnth	550	-	-		550
		Small Tools		/ls		550	/ls			550
	1410	Job Cleanup								
		Final Clean Up	1,600.00 sf	-	-	-	0.33 /sf	520		520
		Job Cleanup		/sf			/sf	520		520
	1430	Dumpsters								
		Dumpster Loads	1.00 ld	-	750.00 /ld	750	-	-		750
		Dumpsters		/mo		750	/mo			750
	1510	Blue Prints								
		Blue Prints	1.00 ls	-	250.00 /ls	250	-	-		250
		Postage & Overnight Expenses	2.00 mnth	-	-	-	75.00 /mnth	150		150
		Blue Prints		/ls		250	/ls	150		400
	1550	Testing								
		Testing (Excluded)	1.00 ls	-	-	-	-	-	Excluded	-
	1800	Record Drawings								
		Record Drawings	1.00 ls	-	150.00 /ls	150	-	-		150
		Record Drawings		/ls		150	/ls			150
		GENERAL CONDITIONS		/ls		3,760	/ls	2,240		40,200
2000		EARTHWORK								
	2030	Demolition								
		Demolition	1.00 ls	-	-	-	11,000.00 /ls	11,000	ABS	11,000
		Shoring - Allowance	1.00 ls	-	-	-	3,500.00 /ls	3,500	Allowance	3,500
		Demolition						14,500		14,500
		EARTHWORK		/ls			/ls	14,500		14,500
3000		CONCRETE								
	3010	Concrete Subs								
		Concrete Formwork	2.00 cy	-	-	-	200.00 /cy	400		400
		Install Rebar	0.20 ton	-	1,100.00 /ton	220	-	-		220
		Concrete Subs		/ls		220	/ls	400		620
	3015	Flatwork Sub								
		Concrete Flatwork	200.00 sf	-	-	-	3.00 /sf	600		600
		Flatwork Sub		/sf			/sf	600		600
	3018	Concrete Equipment								
		Readymix 3,000 PSI	5.00 cy	-	110.00 /cy	550	-	-		550
		Welded Wire Mesh	200.00 sf	-	0.22 /sf	44	-	-		44
		Poly Vapor Barrier	200.00 sf	-	0.12 /sf	24	-	-		24
		Vapor Barrier Tape	3.00 roll	-	10.00 /roll	30	-	-		30

Group	Phase	Description	Takeoff Quantity	Labor Cost/Unit	Material Price	Material Amount	Sub Cost/Unit	Sub Amount	Sub Name	Total Amount
	3018	Concrete Equipment								
		Grade 60 Rebar Concrete / Masonry	1.00 ton	-	1,100.00 /ton	1,100	-	-		1,100
		Concrete Equipment				1,748				1,748
		CONCRETE		/cy		1,968	/cy	1,000		2,968
4000		MASONRY								
	4115	CMU Walls								
		CMU Masonry Work	1.00 ls	-	0.00 /ls	0	15,100.00 /ls	15,100	Pynn	15,100
		Install Lintel Beam	1.00 ls	-	/ls					
		8" CMU Wall (Light Weight) To Deck	320.00 sf	-	/sf					
		6" CMU Wall (Light Weight) Stop above ceiling	365.00 sf	-	/sf					
		CMU Walls						15,100		15,100
		MASONRY		/ls			/ls	15,100		15,100
5000		METALS								
	5500	Misc. Metal								
		Steel Channels Lintels & Angles for New Openings - Material Only	1.00 ls	-	-	-	4,500.00 /ls	4,500		4,500
		RTU Support for MUA	1.00 ls	-	-	-	750.00 /ls	750		750
		Misc. Metal		/ls			/ls	5,250		5,250
		METALS						5,250		5,250
6000		WOOD & PLASTIC								
	6100	Rough Carpentry								
		Laborer	4.00 wks	2,000.00 /wks	-	-	-	-		8,000
		Rough Carpentry		/bf			/bf			8,000
		WOOD & PLASTIC								8,000
7000		THERMAL/MOISTURE								
	7500	Membrane Roofing								
		Flash in New Roof Penetrations	1.00 ls	-	-	-	2,000.00 /ls	2,000		2,000
		Membrane Roofing		/sf			/sf	2,000		2,000
	7920	Joint Sealants								
		Interior Joint Sealants	1.00 ls	-	-	-	500.00 /ls	500		500
		Joint Sealants		/lf			/lf	500		500
		THERMAL/MOISTURE						2,500		2,500
8000		DOORS & WINDOWS								
	8110	Doors, Frames & Hardware								
		Dry Storage Rooms Door (3070)	1.00 ea	-	-	-	800.00 /ea	800		800
		Classroom / Cafe Door (3070)	1.00 ea	-	-	-	1,100.00 /ea	1,100		1,100
		Main Kitchen Door (3470)	1.00 ea	-	-	-	1,100.00 /ea	1,100		1,100
		Mop & Chem Storage Door (3470)	1.00 ea	-	-	-	970.00 /ea	970		970
		Doors, Frames & Hardware		/ea			/ea	3,970		3,970
	8330	Coiling Doors								
		Alum Rolling Solid-Slat Grille - Electric 12 x 9	1.00 ls	-	-	-	6,739.00 /ls	6,739	DSI	6,739
		Relocate Existing Wall Mounted Security Gate	1.00 ls	-	-	-	500.00 /ls	500	Allowance	500
		Coiling Doors		/ea			/ea	7,239		7,239
		DOORS & WINDOWS						11,209		11,209
9000		FINISHES								
	9250	Gypsum Drywall								
		3.5/8" MS - MR on Storage Side - To Deck	115.00 sf	-	-	-	6.00 /sf	690		690
		Drywall Soffit	100.00 sf	-	-	-	25.00 /sf	2,500		2,500
		Gypsum Drywall		/ls			/ls	3,190		3,190
	9500	Acoustical Ceilings								
		Re-Work Existing ACT Ceiling	570.00 sf	-	-	-	2.00 /sf	1,140		1,140
		2 x 4 Vinyl Face GWB Tile w/ Alum Grid - Kitchen	880.00 sf	-	-	-	3.50 /sf	3,080		3,080
		2 x 2 Suspended Cloud Ceiling	300.00 sf	-	-	-	5.00 /sf	1,500		1,500
		Axion Trim	75.00 lf	-	-	-	30.00 /lf	2,250		2,250
		Acoustical Ceilings		/sf			/sf	7,970		7,970
	9600	Flooring								
		Patch in New VCT Tiles	500.00 sf	-	-	-	1.90 /sf	950		950
		Rubber Base	70.00 lf	-	-	-	1.25 /lf	88		88
		Skim Coat for VCT	500.00 sf	-	-	-	2.19 /sf	1,095		1,095
		Quarry Tile - Flooring	930.00 sf	-	-	-	9.07 /sf	8,435		8,435
		Quarry Tile - Base	210.00 lf	-	-	-	4.38 /lf	920		920
		Anti Fracture & Skim Coat	930.00 sf	-	-	-	5.63 /sf	5,236		5,236
		Flooring		/sf			/sf	16,723		16,723
	9900	Painting								
		Paint - CMU /Drywall	1,795.00 sf	-	-	-	0.60 /sf	1,077		1,077
		Epoxy Paint - CMU Wall	2,000.00 sf	-	-	-	0.85 /sf	1,700		1,700
		Ceiling / Soffit Paint	100.00 sf	-	-	-	1.10 /sf	110		110
		Paint Doors / Frames	4.00 ea	-	-	-	100.00 /ea	400		400
		Painting		/sf			/sf	3,287		3,287

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		FINISHES						31,170		31,170
10000		SPECIALTIES								
	10520	Firefighting Dev								
		Fire Extinguishers	1.00 Is	-	-	-			Excluded	
	10800	Toilet Accessories								
		Mop & Rack Shelf (w/ Food Service)	1.00 Is	-	-	-				
11000		EQUIPMENT								
	11400	Food Service								
		Commercial Food Equipment	1.00 Is	-	-	-	127,775.00 /Is	127,775	Crabtree McGrath	127,775
		Delete the Ansul Hood F.P. System - Included in HVAC	-1.00 Is	-	-	-	4,425.00 /Is	(4,425)		(4,425)
		Delete the Warewasher	-1.00 Is	-	-	-	14,250.00 /Is	(14,250)		(14,250)
		Food Service		/Is			/Is	109,100		109,100
		EQUIPMENT						109,100		109,100
15000		MECHANICAL								
	15050	Sprinklers								
		Fire Protection	1.00 Is	-	-	-			Excluded	
	15400	Plumbing & HVAC								
		Plumbing & HVAC	1,600.00 sf	-	-	-	33.71 /sf	53,936	Century	53,936
		Ansul Fire Protection System (Included Above)	1.00 Is	-	-	-				
		Plumbing & HVAC						53,936		53,936
		MECHANICAL						53,936		53,936
16000		ELECTRICAL								
	16100	Electrical								
		Electrical	1,600.00 sf	-	-	-	15.49 /sf	24,784	Longchamps	24,784
		Electrical						24,784		24,784
		ELECTRICAL		/Is			/Is	24,784		24,784

Estimate Totals

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CM Fee %	16,448			5.000 %	T	10.280 /sf	4.76%
Total		345,412				215.883 /sf	

***\$345,412 ORIGINAL CONSTRUCTION ESTIMATE

40,000 ENGINEERING FEES

385,412 SUBTOTAL FOR 2014 ESTIMATE

30,833 ESTIMATED 8% INFLATION

\$416,245 TOTAL COST TO RENOVATE SANDOWN CENTRAL KITCHEN***



FOOD FACILITIES PLANNERS

161 West Main Street, Georgetown, Massachusetts 01833
 phone: 978.352.8500 fax: 978.352.8588
 mail@crabtree-mcgrath.com

BUDGET ESTIMATE	Foodservice Equipment
project: Sandown Elementary School	date: October 31, 2013

ITEM	QTY	DESCRIPTION	COST
	1	Mop sink (by PC)	by PC
	1	Mop rack/shelf	\$250
	1	Detergent storage shelf	\$350
	1	Walk-in cooler	\$15,720
	1	Walk-in freezer	included in above
	2	Mechanical refrigeration systems	included in above
	9	Shelving	\$3,150
	1	Fire suppression system	\$4,425
	2	Mobile clean ware racks	\$850
	1	Prep counter with sinks	\$4,650
	1	Wall shelf	\$350
	2	Hand sinks	\$650
	3	Waste bins (by Owner)	by Owner
	1	Forty-quart kettle	\$14,200
	1	Six-pan steamer	\$8,400
	1	Water filter	\$250
	1	Range with oven	\$4,150
	1	Double convection oven	\$16,540
	1	Exhaust ventilator	\$12,375
	7	Storage shelving	\$2,450
	1	Cook's table	\$2,985
	1	Three compartment sink/waretable	\$6,200
	1	Mobile work table	\$1,350
	2	Drop cords with inline GFI	\$630
	1	Serving counter (hot)	\$9,750
	1	Serving counter (cold)	\$7,200
	1	Milk cooler	\$2,800
	1	Mobile cashier stand	\$4,125
	1	Cashier terminal (by Owner)	by Owner
	1	Warowasher	\$14,250
	1	Clean ware table	\$2,100
	1	Roll down shutter	\$3,600
Total			\$143,750

\$109,100

The budget estimate includes the delivery and installation of specified foodservice equipment complete with its accessories, left ready for final connections to building services by Related Trades then cleaned and demonstrated. Equipment shall include one year warranty or a manufacturer's warranty if the standard warranty exceeds one year. Not included are taxes, permits, fees, or related construction and utilities work.