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Replacement Cost Estimate - CD.xlsx

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CONSTRUCTION COST ESTIMATE							
Project phase: CD Spec. Section: 23 - Mechanical Scope By: DAP Checked By: JWS			Project: Burlington Town Hall Chiller and HVAC upgrades NV5 Project Number: 0210377			Sheet: of:	4 6 Date 4/12/2024
Description	Qty	Units	Material		Labor		Total
			Unit Cost	Total	Unit Cost	Total	
Demo Pump	2	EA	500	1000.00		0.00	1000.00
Demo Tstat Town Hall Basement	6	EA	50.00	300.00		0.00	300.00
Demo Tstat Town Hall Flr 1	8	EA	50.00	400.00		0.00	400.00
Demo Chiller Town Hal Flr 1	1	EA	8000.00	8000.00		0.00	8000.00
Demo Chiller piping	50	FT	5.00	250.00		0.00	250.00
Demo Tstat Town Hall Flr 2	9	EA	50.00	450.00		0.00	450.00
Demo MAU Town Hall Attic	1.0	EA	500.00	500.00		0.00	500.00
Demo Ductwork Town Hall Attic	80	LF	5.00	400.00		0.00	400.00
Demo Fan Town Hall Attic	1	EA	200.00	200.00		0.00	200.00
Demo Flue	30	LF	5.00	150.00		0.00	150.00
Demo Tstat Annex Basement	7.0	EA	50.00	350.00		0.00	350.00
Demo Tstat Annex First Floor	10	EA	50.00	500.00		0.00	500.00
Demo Tstat Annex Second Floor	9	EA	50.00	450.00		0.00	450.00
Demo Exhaust Fan Annex Second Floor	2	EA	100.00	200.00		0.00	200.00
Demo Ductwork Annex Attic	40	LF	5.00	200.00		0.00	200.00
Demo MAU Annex Attic	1	EA	500.00	500.00		0.00	500.00
Demo Ductowrk Annex Roof	10	LF	5.00	50.00		0.00	50.00
Demo Fan Annex Roof	2	EA	100.00	200.00		0.00	200.00
				0.00		0.00	0.00
New Pump 5HP base mount Town Hall Basement	2	EA	4,500.00	9000.00	1,000.00	2000.00	11000.00
New Pump Close Piping& Accessories Town Hall Basement	2	EA	1,000.00	2000.00	1,000.00	2000.00	4000.00
New Chiller Town Hall First Floor	1	EA	64,000.00	64000.00	10,000.00	10000.00	74000.00
New Chiller Piping	30	LF	50.00	1500.00		0.00	1500.00
New Chiller Valves	2	EA	300.00	600.00		0.00	600.00
				0.00		0.00	0.00
New Condensate drain line second floor	20	LF	5.00	100.00		0.00	100.00
New ERU Town Hall Attic	1	EA	40,000.00	40000.00	2,000.00	2000.00	42000.00
New MAU Town Hall Attic	1.00	EA	24,000.00	24000.00	2,000.00	2000.00	26000.00
New Chilled water coil town hall attic	1.00	EA	1,500.00	1500.00	500.00	500.00	2000.00
New Chilled water piping and accessories town hall attic	1	EA	1,000.00	1000.00	1,000.00	1000.00	2000.00
New Ductwork town hall attic	100.00	LF	10.00	1000.00	10.00	1000.00	2000.00
New Furnace OA and Flue Duct Town Hall Attic	20.00	LF	5.00	100.00	5.00	100.00	200.00
New Duct terminations Town Hall Roof	3.00	EA	300.00	900.00		0.00	900.00
New Chilled water Piping from Basement to Attic (2.5")	100	LF	40.00	4000.00		0.00	4000.00
New Pipe hangers (est count) Annex Attic	10	EA	30.00	300.00		0.00	300.00
New Chilled water piping insulation town hall Attivc	100.00	LF	12.00	1200.00		0.00	1200.00
New ductwork insulation town hall attic	400.00	SF	5.00	2000.00		0.00	2000.00
				0.00		0.00	0.00
New condensate pipe Annex second floor	10	LF	50.00	500.00		0.00	500.00
New bathroom exhaust fan (self contained) annex second floor	2	EA	200.00	400.00	200.00	400.00	800.00
				0.00		0.00	0.00
New MAU annex Attic	1.00	EA	24,000.00	24000.00	2,000.00	2000.00	26000.00
New Chilled water coil town hall attic	1.00	EA	1,500.00	1500.00	500.00	500.00	2000.00
New Chilled water piping and accessories town hall attic	1	EA	1,000.00	1000.00	1,000.00	1000.00	2000.00
New ductwork annex attic	80	LF	10.00	800.00	10.00	800.00	1600.00
New ductwork insulation annex attic	400.00	SF	5.00	2000.00		0.00	2000.00
New insulation -insulate existing ducts annex attic	300.00	SF	5.00	1500.00		0.00	1500.00
New Pipe hangers (est count) Annex Attic	10	EA	30.00	300.00		0.00	300.00
				0.00		0.00	0.00
New ductwork annex roof	50	LF	10.00	500.00	10.00	500.00	1000.00
New ductwork insulation annex roof	200.00	SF	5.00	1000.00		0.00	1000.00
New ERU Annex Attic	1	EA	40,000.00	40000.00	2,000.00	2000.00	42000.00
New ACCUs for AHUs	2	EA	36,000.00	72000.00	2,000.00	4000.00	76000.00
				0.00		0.00	0.00
Subtotal				312,800.00		31,800.00	344,600.00
10% Overhead				31,280.00		3,180.00	34,460.00
Subtotal				344,080.00		34,980.00	379,060.00
10% Profit				34,408.00		3,498.00	37,906.00
SUBTOTAL				378,488.00		38,478.00	416,966.00



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CONSTRUCTION COST ESTIMATE

Subtotal
10% Overhead
Subtotal
10% Profit

