

ESTIMATE DETAIL



PROJECT NAME

	DESCRIPTION	QTY	UNIT	RATE	TOTAL (\$)
836	<b>PLUMBING</b>				
837					
838	<u>Accessibility</u>				
839	<u>Selective Demolition</u>				
840	Plumbing Fixtures removal				
841	Water closet	13	EA	800.00	10,400
842	urinal	11	EA	850.00	9,350
843	Lavatories	10	EA	650.00	6,500
844	Domestic Water Distribution				
845	Drinking fountain	4	EA	550.00	2,200
846	water heater	2	EA	800.00	1,600
847	Allowance for domestic cold & hot water pipe removal for all the fixtures	1	LS	15,000.00	15,000
848	Sanitary system				
849	Allowance for waste & vent pipe removal for all the fixtures	1	LS	10,000.00	10,000
850					
851	<u>Storm system</u>				
852	RD-1 ,roof drain Removal	3	EA	450.00	1,350
853	pipe removal	30	LF	30.00	900
854					
855	<u>New Work</u>				
856	<u>Plumbing Fixtures</u>				
857	WC-1, water closet, kohler kingston #k-4330, vitreous china, 1.28 gallons per flush,	17	EA	3,090.38	52,536
858	WC-1A, ADA-waterclosets, kohler "kingston" #k-4330, vitreous China, 1.28 gallons per flush,	13	EA	3,281.63	42,661
859	UR-1: urinals, kohler barson #k-4991, vitreous china, 1.28 gallons per flush,	4	EA	2,994.75	11,979
860	UR-1A: ADA urinals, kohler barson #k-4991, vitreous china, 1.28 gallons per flush,	4	EA	2,994.75	11,979
861	Electronic flush valves on WC's & urinals	38	EA	784.88	29,825
862	L-1,ADA Lavatory counter mount Kohler "pennington" #k-2193, 20"x17", vitreous China lavatory	4	EA	2,635.88	10,544
863	L-1A,ADA Lavatory Wall mount Kohler "pennington" #k-2193, 20"x17", vitreous China lavatory	17	EA	2,635.88	44,810
864	Electronic sensors for lavatories	22	EA	526.13	11,575
865	MSB-1: mop sink, fiat #msb-2424 molded stone mop service basin with #830-aa service faucet and vacuum	1	EA	2,929.84	2,930
866	EWC-1:Electric water cooler haws #h1011.8 stainless steel dual height electric water cooler, 18 gauge type 304	2	EA	7,265.25	14,531
867	EWC-2:Electric water cooler provide and install elkay vrctr18wsk bi-level water cooler with bottle fill station.	4	EA	7,743.38	30,974
868	HB-1, Hose Bib JRS #5672-BFP, brass construction wall faucet with vacuum breaker, backflow preventer	5	EA	560.98	2,805
869					
870	<u>Domestic Water Distribution</u>				
871	Electric Water heater 120 gallon	2	EA	15,000.00	30,000
872	Domestic hot water return pump	1	EA	4,905.75	4,906
873	WRK-1, water hammer arrester JRS #320-1 series piston type water hammer arrester	7	EA	435.38	3,048
874	TMV-1,thermostatic mixing valve	1	EA	1,869.68	1,870
875	BV-1 ,balancing valve bell & gossett circuit setter plus calibrated balancing valve with bronze body	1	EA	1,529.25	1,529
876	GV, Gate valve -2-1/2"	3	EA	998.25	2,995
877	GV, Gate valve -1"	4	EA	764.63	3,059
878	GV, Gate valve -3/4"	3	EA	669.00	2,007
879					
880	<u>Piping: water (hw/cw s&amp;r) - mains/branch</u>				
881	Horizontal & Risers				
882	-2-1/2"	236	LF	110.20	26,007
883	-2"	117	LF	69.99	8,189
884	-1-1/2"	228	LF	54.11	12,337
885	-1"	470	LF	35.92	16,882
886	-3/4"	313	LF	29.58	9,259
887	-1/2"	86	LF	22.79	1,960
888	- drop connection to fixtures	744	LF	22.79	16,956
889	-Insulation,	2,194	LF	35.00	76,790
890					
891	<u>Sanitary Drainage</u>				

892	FCU-1 floor cleanout JRS #40235-15-SS-U adjustable cast iron	9	EA	813.38	7,320
893	FCU-1 floor drain JRS #42210, cast iron floor drain with 8-1/2" cast iron grate and sediment bucket. provide with 1/2" trap primer				
894	FD-4"	11	EA	972.75	10,700
895	FD-3"	5	EA	850.00	4,250
896	4"VTR,vent through roof	4	EA	1,218.75	4,875
897	3"VTR,vent through roof	2	EA	1,000.00	2,000
898					
899	<u>Piping: Sanitary (S,W,V) - mains/branch: A/G</u>				
900	Horizontal & Risers				
901	-4"	566	LF	81.25	45,988
902	-3"	146	LF	70.15	10,242
903	-2"	307	LF	58.86	18,070
904	-drop connection to fixtures	1,008	LF	58.86	59,331
905	-Water carrying piping with leak detection system & drip tray	20	LF	58.86	1,177
906					
907	<u>Storm system</u>				
908	RD-1 ,roof drain Jrs #1015, cast iron construction with adjustable extension for insulation	4	EA	1,486.50	5,946
909	BWV-1 , Back water valve JRS #7022Y, Cast iron Back water valve	1	EA	2,463.75	2,464
910					
911	<u>Piping: Rain water (RWL) - mains/branch,</u>				
912	Horizontal & Risers				
913	-6"	27	LF	133.99	3,618
914	-4"	190	LF	81.25	15,438
915	-branch connection to fixtures	20	LF	81.25	1,625
916	Insulation	237	LF	45.00	10,665
917					
918	<u>Miscellaneous</u>				
919	Sleeves & fire stopping	1	LS	3,000.00	3,000
920	Testing & sanitizing	1	LS	10,329.73	10,330
921	Rigging & Handling	1	LS	5,500.00	5,500
922	Vibration Isolation / Seismic Restraints	1	LS	6,500.00	6,500
923	<u>Critical Repairs</u>				
924	<u>Storm system</u>				
925	RD-1 ,roof drain Jrs #1015, cast iron construction with adjustable extension for insulation	3	EA	1,486.50	4,460
926					
927	<u>Piping: Rain water (RWL) - mains/branch,</u>				
928	Horizontal & Risers				
929	-6"	30	LF	133.99	4,020
930	Insulation	30	LF	45.00	1,350
931					
932	<u>Miscellaneous</u>				
933	Sleeves & fire stopping	1	LS	500.00	500
934	Testing & sanitizing	1	LS	147.44	147
935	Rigging & Handling	1	LS	150.00	150
936	Vibration Isolation / Seismic Restraints	1	LS	200.00	200
937	<u>Additional Program</u>				
938	No work for Additional Program Funding				No Work
<b>TOTAL CONSTRUCTION COST</b>					<b>7,82,105</b>