



North Clackamas Parks and Recreation District
Gladstone City Hall

Pre-Demolition Hazardous Building Materials Abatement
 Probable Cost Estimate

Project No. 24001.000 Phase 002

Prepared by: Rich Dufresne

Date Prepared: August 9, 2019

Item	Unit	Quantity	Unit Price (USD)	Amount (USD)
A. Mobilization, Permits & Fees	EA	1	2,800.00	2,800.00
B. Hazardous Material Abatement				
Air-Cell Pipe Insulation	LF	200	18.00	3,600.00
Asbestos Hard Fittings	EA	150	25.00	3,750.00
Asbestos Sheet Flooring	SF	250	9.00	2,250.00
Asbestos Floor Tile and Mastic	SF	5,920	6.00	35,520.00
Less Than 1% Materials	Training	1	1,500.00	1,500.00
Mercury-Containing Lamps	EA	450	4.00	1,500.00
Subtotal Estimated Project Costs				\$50,920.00
			Contingency - 10%	\$5,092.00
TOTAL PROBABLE COSTS				\$56,012.00

Cost Estimate Assumptions:

- 1) Sources used include the Means Building Construction Cost Data and current local bidding environment.
- 2) Probable cost estimate does not include abatement project design, bid or monitoring.