

Kitsap County Facility Energy Upgrade Project Estimates

Courthouse
Window Replacement Energy Upgrades
 614 Division St
 Port Orchard

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Comments:

Existing windows are aluminum and steel single pane windows of various vintages. Many of them perform poorly from both a weather/infiltration standpoint and all of them perform poorly from a thermal resistance standpoint. Significant energy savings can be achieved by replacing these windows with modern technology glazing systems. Those technologies may include thermally broke frames, multi pane, Low E or other coated glazing, gas filled, etc.

Preliminary Unit Cost Estimate

Quantity	Description	Unit	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P
200	Window demolition, aluminum, to 50 S.F.	Ea.	\$ -	\$ 81.00	\$ -	\$ 81.00	\$ -	\$ 16,200.00	\$ -	\$ 16,200.00
4000	Windows, aluminum sash, custom, grade HC, excl. glazing, min	S.F.	\$ 44.14	\$ 6.40	\$ -	\$ 50.54	\$ 176,560.00	\$ 25,600.00	\$ -	\$ 202,160.00
4000	Windows, aluminum sash, stock, grade C, for double glazing, add	S.F.	\$ 13.14	\$ 4.83	\$ -	\$ 17.97	\$ 52,560.00	\$ 19,320.00	\$ -	\$ 71,880.00
6000	Sheet metal flashing, aluminum, flexible, mill finish, .032" thick, including up to 4 bends	S.F.	\$ 1.69	\$ 3.20	\$ -	\$ 4.89	\$ 10,140.00	\$ 19,200.00	\$ -	\$ 29,340.00
Sub Totals:							\$ 239,260.00	\$ 80,320.00	\$ -	\$ 319,580.00
	10.00% Miscellaneous								\$	31,958.00
	10.00% Engineering								\$	31,958.00
	15.00% Contingency								\$	47,937.00
	Sub Total:								\$	431,433.00
	8.60% Tax								\$	37,103.24
Total:										\$ 468,536.24