

REQUEST FOR PROPOSALS FOR INSULATION AND UV WINDOW PROTECTION STORMS FOR HISTORIC VAN HOUSEN FARM BUILDINGS

RFP-RH-12-011

PROPOSALS TABULATION

NAME	Usztan, LLC	Diversified Energy Control	Burton Brothers
ADDRESS	Auburn Hills, MI	Canton, MI	Southfield, MI
Years in Business	7 years	20 years	Non-Responsive
Yrs providing/installing window protection	10-12 years	20 years	No Bid Bonds/No Responses to Vendor
Yrs providing Energy Star rated products	10-12 years	10 years	Questionnaire
Energy Star Rated products	Energy Star Partner	Magnetic windows are not yet rated but out perform Energy Star rated products.	
Description of proposed products	Mag-Tite Storm Windows Weather King Storm Windows Acrylic sheet is glazed into storm	Mag-Tite Magnetic Interior Windows Acrylite Acrylic Sheet (Cryo) Max Pro Premium Window films - Max Neutral 60	
Experience w/ window protection on historic structures	Have completed 7 projects	Historic structure weatherization projects for 20 years	
Percentage of ultra violet light protection	99%	99%	
Length of time UV protection will be maintained at same level	Info not available at time of bid	In dairy barn there is window film on the exterior storm windows which helps prolong the life of the UV inhibitors	
Rate of deterioration over time	Info not available at time of bid	The rate of deterioration is determined by the environmental elements.	
Recommended replacement	To be determined	When the UV reduction level no longer meets museum acceptable levels	
Percentage of heat protection	Unknown	Up to 58.2%. Max Neutral 60 attachment	
Length heat protection maintained at same level	Lifetime of product	Product is warrantied for 10 years	
Rate of deterioration over time	Unknown	If deterioration occurs, it should be covered under warranty	
Recommended replacement	Unknown	When deterioration (if ever) occurs	

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Amount of shine or tint on product	Slight tint	The suggested film's reflectivity is only 10.3%	
Description of window protection adherence	Acrylic sheet glazed into storm windows - not a film	The UV protection is applied by an adhesive activated by water & pressure. The product is warranted by the manufacturer for 10 yrs not to bubble or peel over time.	
History of performance of recommended product	N/A	Have installed UV protection window films on several historic structures during the past 20 years and to date have had no issues.	
Manufacturer's warranty	Weather King - Lifetime Ltd	10 years on UV protection 10 years on the acrylic	
Contractor's warranty		This warranty covers installation and materials	
Work Plan			
Timeline	3 weeks after approvals	Once bid is accepted, can start work within 2 weeks and finish project within a 30 day period.	
Recommendations for successful completion of project	Prefer to use coating by manufacturer rather than a film application	Placement of magnetic windows on inside of existing windows. Suggest adding UV protection to each individual panel of dairy barn windows & on new storm windows of school house. Have included air sealing & caulking & voids in work room concrete.	
Staff qualifications		All staff have been extensively training in application of film, magnetic windows and window treatments.	
Manufacturer's information	No	Yes	
Full Time Employees	20 Full Time Employees	4 Full Time Employees	
Part Time Employees	0 Part Time Employees	2-7 Part Time Employees	

