

Over and Above Estimate

Region: 5

Location: MD066

CSS #: 22762

Maximo Work Order No.: 11452

Date Issued: 12/13/19

Original Description: Provide the labor and materials to refurbish the cooling tower at MD-066.

The proposed scope of work will include the following:

- Prepare interior sump surface to the first seam with angle grinders.
- Coat surfaces below the water line with Tower Seal immersion grade epoxy.
- Seal accessible interior seams with MR-7 epoxy.
- Allow proper time to cure.
- Test the newly coated areas for leak proof integrity, if time allows.
- Cleanup job site and remove all debris.

Note: We will warrant the coating for two years. Downtime is typically 2 days plus curing time, however we will do as much of the work as possible on a scheduled weekend.

Note: Curing period for the Tower Seal immersion grade epoxy is 18 hours at 45 degrees F.

Note: During preparation of sump surface with angle grinders, proper personal protective equipment will be worn, including masks, gloves and tyvek suits.

Non Pre-Priced Estimate:

Quantity	Line Item Number	Description	Labor Hours	Tax Ship	Labor Rate/Hr	Materials	Equipment	Total
1	N/A	Gallon Tower Seal Immersion Grade Epoxy				\$195.30		195.30
--	N/A	2 Liters MR-7 Epoxy for Seams				\$500.08		\$500.08
1		Labor – lead project manager	16		\$120			\$1,920.00
2		Labor – 2 Assistant technicians	16 ea		\$65.00			\$2,080.00
--		Tax		\$41.72				\$41.72

Note: RS Means (Pre-Priced) not used in compiling this estimate.

Note: Subcontractor quote attached.

Estimate Summary:

Labor Hours	Labor Cost	Material Cost		Total Cost	CE Factor	Total Estimate
48	\$4,000.00	\$737.10		\$4,737.10	100%	\$4,737.10