

## Over and Above Estimate

**Region:** 5

**Location:** VA011

**CSS #:** 27503

**Asset #:**

**Maximo Work Order No.:** 13151

**Date Issued:** 11/20/2020

**Original Description:** While on site, Moore's technician spoke with Bryant and Michel, the chemical treatment tech about where we need to tie into the tower. Attached pictures of the cooling tower piping and the chemical treatment piping and where to run the new piping threw the wall over the exhaust fan in the boiler room and the electrical panel that will need 3 20amp circuit pulled from it to run the heat trace and the chemical pumps also will need 3" pvc tees with adapters down to 3/4 pvc (2 of them ) and a 3" npt to female nipple. (this for the tower circulation circuit). Will then need 60' of 3/4" pvc, 1 box pvc 3/4 90deg elbows, 1 box 3/4 pvc couplings, 4 10' pieces 3/8 all thread and hangers and 6 3/4 pipe hangers, 4 3/4 mpt to 3/4 pvc nipples, and 3/4 wall mount straps, to connect the chemical piping for insulating the 3/4 pvc outside the building will need 40 ft of insulation and 10 elbows and 2 20' of heat trace. For power we will need 3 20-amp breakers and 1 2x4 box with 2 receptacles and cover and 1 2x2 with one receptacle and cover and 40 ft of 1/2" conduit and connectors to run the power for the heat trace and chemical pumps on their own breakers.

**Repair Needed:** Moore's is proposing to return to site and: Perform above listed repairs as well as we will start, test and ensure proper operation of equipment.

### Non Pre-Priced Estimate:

Quantity	Line Item Number	Description	Labor Hours	Unit	Labor	Materials	Equipment	Total
	N/A	Materials (see detail on Moore's quote)				\$821.55		\$821.55
	N/A	Labor (see detail on Moore's quote)			\$2,760.00			\$2,760.00
		Admin hours	2		\$80.00			\$160.00

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

*Note: Subcontractor quote attached.*

### Estimate Summary:

Labor Hours	Labor Cost	Material Cost	-PM COST	Total Cost	CE Factor	Total Estimate
25	\$2,920.00	\$821.55		\$3,741.55	100%	\$3,741.55