
Memo**Public Works Department****City of Crest Hill**

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| Date: | 4/3/2025 |
| Submitter: | Julius Hansen, Interim Director of Public Works |
| Department: | Public Works |
| Agenda Item: | Well 10 Out of Service |

On March 19, 2025, a severe storm with frequent lightning took place in the city. During that storm, around 4pm, Well 10 located at 861 Caton Farm Rd took a direct hit from a lightning strike. The electrical surge from the strike overpowered all measures in place to protect the well. Collateral damage from the lightning caused the 30 hp motor and 475gpm pump to fail, taking Well 10 out of service. The motor and pump need to be pulled from the well to be evaluated.

The \$27,000 amount is for pulling the well assembly to evaluate it, but this is not the exact cost to complete the entire job. An additional cost for materials is estimated at \$21,000 currently. An additional \$27,000 will be the cost for setting the pump back in place. The total estimated cost is \$75,297.

This company installed the well assembly as new in 2020, and because this is an emergency repair they are the best choice to perform the work. With the well assembly not being old I do not anticipate any costly unknown repairs. The parts are standard and common, so I do not think we will have a long wait to obtain the required parts to make the repairs.

Recommended Council Action: To approve an amount not to exceed \$80,000 in total for Layne Christensen Company to complete the work on Well 10.

Attachments: Quote from Layne Christensen Company.

CHANGE ORDER: The invoice came in \$13, 645.90 more than the quote and \$8,951.90 more than the board approved for the emergency work. The grand Total is \$88,951.90 with \$38,951.90 being paid by insurance.