

City of Cambridge.

In Common Council, May 4th 1864

The committee to whom was referred the Order, to consider the expediency of purchasing a Stone Crushing Machine similar to the one now used by the City of Lowell, have attended to that duty and would submit the following report.

Your Committee visited the City of Lowell, and were received by a Committee from the Government of that City, and taken to the Ledge where the Machine was in operation. It was driven by an Eight-horse Engine but does not require but Four horse power. The Machine is made of cast iron and weighs about Five Ton. It is placed upon a heavy scaffolding erected for the purpose, about eight feet from the ground so that a horse and cart can be backed in under to receive the Stone as it is crushed. It requires Four men to wheel stone in barrows onto the scaffold, and Two men to feed the crusher with the Stone. It will crush or break

Forty loads a day amounting to from 75 to 80 tons, and do the work better than seventy men can do it in the same time. The cost of the machine without the power will be about thirteen hundred and twentyfive dollars.

The engine used by Lowell for this machine is similar to those used in this vicinity for the purpose of driving piles, and is placed on wheels so that it can be moved from place to place, to be used for sawing wood, pumping water, and for various purposes wherever it may be needed. The cost of this engine was eleven hundred and twentyfive dollars, making the whole cost of the machine and Engine twentyfour hundred and fifty dollars.

Your Committee are of the unanimous opinion that it is expedient and necessary that this City should purchase one of these machines and an engine of suitable power for driving it, to be used at the Gravel Bank, Stone Ledge or in any section of the City where material may be gathered, and crushed. They would therefore submit the accompanying Order.

For the Committee
George C. Cade

Report of Committee
Stone Crushing Machine.

May 4. 1864.

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