

The following is the text of the communication made by Mr. Cooke and Mr. Plunkett, civil engineers, to the Council, respecting the Water Works :

To the Mayor, Aldermen, &c. :

Gentlemen.—We beg to inform you that we have devised a plan for increasing and improving the water supply of this city ; and we are prepared to shew that said plan possesses the following advantages :—

- 1st. Perfect certainty of supply, irrespective of winter difficulties.
- 2nd. Purity of water.
- 3rd. Non-interference with present works, or supply.
- 4th. Facility of future enlargement, at moderate expense, without interfering with the works or supply then existing.
- 5th. Economy, both in construction and maintenance ; the original cost being fully 25 per cent. less than that of any other plan for supplying an equal quantity of water, and the expense of maintenance being a minimum.

Our plan, as it now stands, is calculated to supply the city with $10\frac{1}{2}$ millions of Imperial gallons per day, *under the most unfavorable circumstance of low water, frost, and ice obstructions, and quite irrespective of the present aqueduct.* The estimate of cost of this plan is \$700,000. (seven hundred thousand dollars).

Should the Council, however, decide that a larger quantity than the above would be required to begin with, our plan can be modified accordingly, as follows :

12 $\frac{1}{2}$ millions of gallons per day will cost \$780,000.

15 millions of gallons per day will cost \$900,000.

These quantities are also calculated to be supplied under the most unfavorable circumstances.

With regard to the feasibility of the scheme, and the first four advantages claimed for it, we are willing to submit *these points* to the decision of any competent engineer, say Mr. W. Shanly, Mr. T. C. Keefer, or Mr. J. B. Francis, and in order to satisfy the Council respecting the fifth advantage claimed, *i. e.* economy, we beg to say, we are ourselves willing to undertake the work for the sum mentioned, and give unobjectionable security for the proper fulfillment of the same.

If, however, the Council is willing to adopt our plan, but prefers any other mode of carrying on the work, we are willing