

ITEM 0112350

Item 0112351 - 4" GATE VALVE

Item 0112352 - 6" GATE VALVE

Item 0112353 - 8" GATE VALVE

Item 0112354 - 12" GATE VALVE

DESCRIPTION

The work specified in this section includes furnishing and installing gate valves in the pipeline, together with gate boxes and extension stems, where required, over the assembly and appurtenances shown on the Contract Drawings, complete as shown, specified or directed. The work includes, all as shown, specified or directed, transporting materials, clearing, trenching, disposing of unused excavated materials, furnishing and installing the gate valve, gate box, extension stem, where required, backfilling trenches, furnishing additional material for backfilling, miscellaneous grading, sheeting, bracing, pumping and all incidental work, except as otherwise provided for.

REFERENCED ITEMS

0111301

REQUIRED SUBMITTALS

Material Certificate of Compliance:

Submit 5 copies of material certificate of compliance for ductile iron pipe in accordance with the contract general requirements.

MATERIALS

The materials shall meet the standards required by the Bureau of Public Works of the Metropolitan District (MDC), and in accordance with the Developers Manual for Water Main Design and Installation Standards, Latest Edition.

CONSTRUCTION METHODS

The construction methods shall meet the standards required by the Bureau of Public Works of the Metropolitan District (MDC), and in accordance with the Developers Manual for Water Main Design and Installation Standards, Latest Edition.

METHOD OF MEASUREMENT

The quantity of gate valves to be paid for will be the number of gate valves, complete with gate box and extension stem if required, installed as shown, specified and directed by the engineer.

The bank run gravel from the bottom of the trench to the level 24 inches above the top of the valve will not be measured for payment, but will be considered as included in the price bid per gate valve.

Utility identification tape will not be measured for payment, but will be considered as included in the price bid per gate valve.

Support of excavation and dewatering will not be measured for payment, but will be considered as included in the price bid per gate valve.

Temporary paved and unpaved surface restoration and resetting curb items will not be measured for payment, but will be considered as included in the price bid per gate valve.

Additional excavation and backfill necessary for the replacement of unsuitable material will be measured for payment in accord with Item 0111301.

BASIS OF PAYMENT

This work will be paid for at the Contract unit price each for "(SIZE) GATE VALVE" complete in place, which price shall include the cost of the material, including all labor and equipment to incorporate them into the work. It shall also include the clearing, trenching and disposal of excavated materials, backfilling trenches, furnishing the materials for backfilling, grading, bracing and pumping.

Gate valves installed on hydrant laterals will be paid for under Contract item Fire Hydrant Assembly.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0112351	4" Gate Valve	EA
0112352	6" Gate Valve	EA
0112353	8" Gate Valve	EA
0112354	12" Gate Valve	EA