

CITY OF FINDLAY
MINIMUM SPECIFICATIONS

FOR

#27 & #28 - GATE VALVES AND TAPPING GATES & SLEEVES

Water line gate valves and tapping gates & sleeves proposed to be delivered to the City of Findlay, Ohio, shall meet or exceed the following specifications:

1. Gates shall meet ANSI/AWWA C-509-94 standards or latest revision.
2. Ductile iron or cast iron body with bronze mounted inside screws and modified wedge disc.
3. Non-rising stems, clockwise to open.
4. Ductile body valve shall meet ANSI/AWWA C-153 standards for compact filling wall thickness or latest revision. Gate shall have a smooth interior and unobstructed waterway, the rubber-covered gate shall be totally encapsulated with rubber.
5. The stem shall be furnished with an "O" ring above the stem collar. Another "O" ring shall be provided underneath the stem collar to seal bearing surfaces from line content. (The area between the "O" rings shall be filled with lubricant. Valves without a two (2) bolt stuffing box shall not be accepted.)
6. Anti-friction washer shall be provided at the stem collar.
7. All internal ferrous surfaces of the valve shall be coated with epoxy having a minimum thickness of eight (8) mils. The coating to be applied to casting prior to assembly to insure all exposed areas, including boltholes and flange surfaces, will be covered.
8. Valves shall be tested at a minimum rated working pressure of 200 P.S.I. with no leakage.
9. Mechanical joints are to be per ANSI/AWWA C-111/A21, 11-95, or latest revisions, and include mechanical joint accessories.
10. Bid prices shall include delivery to Findlay, Ohio.
11. Manufacturer's brochures shall be included with the proposal for each item bid.
12. Tapping valve must meet above standards and must meet M.S.S.(Manufacturers Standardization Society) SP-60 91 alignment standard to insure proper alignment.

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13. Tapping sleeve shall be full body iron sleeve and may be made of ductile iron or cast iron and meet M.S.S. SP-60 alignment standard.
14. Products proposed must be pre-approved by the City of Findlay Water Distribution Department.
15. **All tapping sleeves SHALL INCLUDE ALL GASKETS SETS FOR ductile cast iron water line and cast iron water line.**