REQUEST FOR BID
Date: 03/18/09
Bid # 09-0223

RETURN BY OPENING TIME TO:
Purchasing Division
RM 100 City Hall
411 West 1st Street
Duluth, MN 55802

Valve Box Parts

Buyer: Dennis Sears
Phone: 218-730-5003
Fax: 218-730-5922

BID OPENING, RM 100 AT 2:00 PM ON Wednesday, April 8, 2009
Note: All bids must be written, signed, and transmitted in a sealed envelope, plainly
marked with the bid number, subject matter, and opening date. The City of Duluth
reserves the right to split award where there is substantial savings to the city, waive
informalities and to reject any and all bids. Bidder should state in proposal if bid is
based on acceptance of total order. Sales tax is not to be included in the unit price.
Bidder to state freight charges if, proposal is F.O.B. shipping point, freight not
allowed. Low bid will not be the only consideration for award of bid. All pages must be
signed or initialed by authorized bidder’s representative as indicated at the bottom of
the page(s) of the request for bid forms.

RETURN BID IN DUPLICATE WITH DUPLICATE DESCRIPTIVE LITERATURE
FOR BID RESULTS, ENCLOSE A SELF-ADDRESSED, STAMPED ENVELOPE WITH BID
WWW.CI.DULUTH.MN.US/CITY/SERVICES/PURCHASING

Designated F.O.B. Point
Destination
Tax: Federal Excise Tax Exemption
Account No. 41-74-0056 K

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Qty</th>
<th>U/OM</th>
<th>Description</th>
<th>Unit Price</th>
<th>Total Price</th>
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</thead>
</table>

(See Next Page)

Vendor E-mail Address
Freight Charges _N/A

Name__________________________
Addr__________________________

____________________________

By:___________________________ (print title)

___________________________
(signature) (tele#)

The City of Duluth is an Equal Opportunity Employer

An Equal Opportunity Employer
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<tr>
<td>01</td>
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<td>ea</td>
<td>Valve Box-C.I. #6 Coop (base)</td>
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<td>Valve Box-C.I. Screw Type Extension 24&quot; or 26&quot;</td>
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<td>Valve Box C.I. bottom section screw type 30&quot;</td>
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<td>Valve Box-C.I. Paving Adapter (Riser) 1&quot;</td>
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<td>Valve Box-C.I. Bottom Section Screw type 36&quot;</td>
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Note: All valve box parts shall be 5 ¼" cast iron screw type. Water and Gas covers to be 5 ¾ Tyler drop lid, (Solid no flutes). Send all literature if bidding other than specified.

(initials)
5. Each valve shall have mechanical joint ends complete with gasket, gland, and bolts. Bolts or valve flange shall be provided with means for preventing the bolt from slipping in the slotted holes.

(b) Butterfly Valves (all sizes). Butterfly valves shall conform to the requirements of AWWA C504, Class 150B unless otherwise specified, with manual actuator equipped with standard 2-inch square operating nut, split V type or O-ring stem seal and enclosed in a lubricating gear box. For buried installations, valves shall be equipped with a side-mounted actuator designed to accept a valve box. Valve disc shall be cast iron conforming to ASTM A126, Class B or ASTM A48, Class 40, alloy cast iron conforming to ASTM A436 or A439, or ductile iron conforming to ASTM A536. They shall be furnished with mechanical joint ends and open counter-clockwise.

(c) Valve Box. Valve Box shall be 5 1/4" cast iron screw-type, consisting of the following parts:

- Cover stay-put type, "WATER" cast thereon, with solid edges (no grooves or flutes on edge.)
- Top Section .26" length
- Extension Section .30" length
- Bottom Section .30" length
- Base #6 Round Base

All parts must be interchangeable with Bingham and Taylor #4906 and Tyler #6860. Valve box assemblies shall be manufactured in the United States or preapproved by the Engineer.

2.5 WATER SERVICE PIPE AND FITTINGS:

(a) Branch Service Pipe of 3 inches or larger nominal diameter shall conform to the requirements for Ductile Iron Pipe and Fittings as set forth under the provisions of Section 1202.2(a) and (b). Valves shall conform to the same requirements as water main valves. Tapping tee shall be included as required.

(b) Tap Service Pipe of 2 inches or less in nominal diameter shall conform to the requirements of ASTM B88 for Seamless Copper Water Tube, Type K, Soft Annealed temper.

(c) Fittings for Copper Tubing shall be cast brass, having uniformity in wall thickness and strength, and shall be free of defects affecting serviceability. All threads for underground service line fittings shall conform to the requirements of AWWA C800.