ADDENDUM No. 3

To the Project Manual for:

LAKE DECATUR DAM REPAIRS
CITY PROJECT 09-02
Decatur, Illinois

The Opening of Bids has changed from 10:00 A.M., January 20, 2010, to **11:00 A.M., January 20, 2010**.

In response to requests for information from prospective bidders, the following information is provided as Addendum No. 3:

1. Question: Note 2 and the Bill of Materials on Sheet S19 of the contract plans indicate that the mounting plates and hardware for the side and horizontal bascule gate seals are to be replaced however in specification section 012200 in the Schedule of Unit Prices, Item Y it indicates that the existing seal plates are to cleaned, painted and reused. Is this a case where there is a conflict between plan and spec and the spec governs? Please advise.

   Response: Revise Note 2 on Sheet 19 to read: "All seal mounting plate hardware to be replaced". The plates shall be cleaned, painted, and re-installed with new hardware.

2. Question: The dimensional data for the pinion gears given in tabular format on S22 and schematically on S23 have some contradictory information. The pitch diameter is given on both sheets as 10" however the outside diameter, which should be greater than the pitch diameter, is given as 6.333" on S22 and as 5.667" on S23. Please resolve this?

   Response: The Outside Diameter of the Pinion Gear should be 11.334 inches on both sheets S22 and S23.

3. Question: What kind of hydraulic fluid will be used?

   Response: The fluid currently in use by the City is Mobil DTE 26.

4. Question: The spec calls out 4 bolt flange connections – are those code 61 or 62?

   Response: The four bolt flanges should be SAE518 Code 62

5. Question: What safety factor is required for the pressure rating?

   Response: The ASME code for cylinders applies (typically 4)

6. Question: Has there been any more thought to raising the hydraulic pressure? The cylinder price will drop quite a bit by raising the pressure and therefore reducing the cylinder bore?

   Response: Raising the pressure will require the piping from the supply to the cylinders to be replaced as well. Changing the power supply and all piping would be acceptable if the total costs are equal or lower than replacement of the cylinders.

City of Decatur
Department of Public Works