

February 14, 2008

**TO:** All Interested Contractors.  
**FROM:** Joseph P. Rueschenberg, P.E. & P.L.S.  
**RE:** Sunrise Addition – Phase 2  
Manilla, Iowa 51454

Plans are available for certain Grading, Water Main, Sanitary Sewer, Storm Sewer and Paving improvements for the above referenced project at the office of Sundquist Engineering, P.C., Denison, Iowa.

**Bid Date:** March 7, 2008


**Completion Date:** October 15, 2008

**Description:** See Attached Estimated of Quantities Sheet.

**Deposit:** \$40.00 Nonrefundable.

Please call or stop by the office if you are interested, in the project. Plans will be complete by Monday February 18, 2008.

SUNDQUIST ENGINEERING, P.C.

  
Joseph P. Rueschenberg, P.E. & P.L.S.

## ESTIMATE OF QUANTITIES

| ITEM | DESCRIPTION  | UNIT  | QTY.     | AS-BUILT |
|------|--|-------|----------|----------|
|      | DIVISION 1 – SITE GRADING  |       |          |          |
| 1.   | MOBILIZATION   | LS    | 1.0      |          |
| 2.   | CLEAR AND GRUBBING   | UNITS | 70.0     |          |
| 3.   | TOPSOIL – STOCKPILE & RE-SPREAD                                  | CY    | 6100.0   |          |
| 4.   | EXCAVATION, CLASS 10, ROADWAY & BORROW                           | CY    | 19,500.0 |          |
| 5.   | SILT FENCE   | LF    | 1625.0   |          |
| 6.   | MULCHING   | ACRE  | 7.5      |          |
| 7.   | SEEDING AND FERTILIZING (RURAL)                                  | ACRE  | 7.5      |          |
| 8.   | TRAFFIC CONTROL  | LS    | 1.0      |          |
|      | DIVISION 2 – SANITARY SEWER & WATER MAIN                         |       |          |          |
| 1.   | MOBILIZATION   | LS    | 1.0      |          |
| 2.   | REMOVE AND REPLACE P.C.C. PAVEMENT                               | SY    | 50.8     |          |
| 3.   | CONNECT TO EXISTING MANHOLE                                      | EA    | 1.0      |          |
| 4.   | MANHOLE, SANITARY SEWER, STANDARD                                | EA    | 6.0      |          |
| 5.   | MANHOLE, SANITARY SEWER, DROP                                    | EA    | 2.0      |          |
| 6.   | 8 IN. DIA. CLEANOUT  | EA    | 4.0      |          |
| 7.   | SEWER, SANITARY, 8 IN. DIA. PVC                                  | LF    | 1906.6   |          |
| 8.   | WYE, SEWER SERVICE, 8 IN. X 4 IN.                                | EA    | 16.0     |          |
| 9.   | SEWER SERVICE, 4 IN. DIA. PVC                                    | LF    | 436.0    |          |
| 10.  | CONNECT TO EXISTING WATER MAIN                                   | EA    | 3.0      |          |
| 11.  | WATERMAIN, PVC 6 IN. DIA.  | LF    | 1303.0   |          |
| 12.  | FIRE HYDRANT ASSEMBLY  | EA    | 1.0      |          |
| 13.  | GATE VALVE AND VALVE BOX, 6 IN.                                  | EA    | 2.0      |          |
| 14.  | 6 IN. CROSS  | EA    | 1.0      |          |
| 15.  | 6 IN. TEE  | EA    | 1.0      |          |
| 16.  | 6 IN. 90° BEND   | EA    | 2.0      |          |
| 17.  | 6 IN. PLUG   | EA    | 2.0      |          |
| 18.  | REMOVE AND REPLACE FENCE   | LF    | 50.0     |          |
| 19.  | MULCHING   | ACRE  | 3.5      |          |
| 20.  | SEEDING AND FERTILIZING (RURAL)                                  | ACRE  | 3.5      |          |
| 21.  | TRAFFIC CONTROL  | LS    | 1.0      |          |
|      | DIVISION 3 – PAVING AND STORM SEWER                              |       |          |          |
| 1.   | MOBILIZATION   | LS    | 1.0      |          |
| 2.   | SPECIAL COMPACTION OF SUBGRADE                                   | STA   | 8.5      |          |
| 3.   | STD. OR SLIP-FORM P.C.C. PAVEMENT, CL.C, CL. 3 DURABILITY, 7 IN. | SY    | 2420.2   |          |
| 4.   | CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.                          | LF    | 601.2    |          |
| 5.   | P.C.C. SAMPLES   | LS    | 1.0      |          |
| 6.   | SEWER PIPE, 2000D STORM, 18 IN. DIA.                             | LF    | 484.7    |          |
| 7.   | SEWER PIPE, 2000D STORM, 15 IN. DIA.                             | LF    | 396.7    |          |
| 8.   | SEWER PIPE, 2000D STORM, 12 IN. DIA.                             | LF    | 111.5    |          |
| 9.   | APRONS, CONCRETE, 18 IN. DIA.                                    | EA    | 1.0      |          |
| 10.  | APRONS, CONCRETE, 15 IN. DIA.                                    | EA    | 1.0      |          |
| 11.  | INTAKE, RA-40  | EA    | 3.0      |          |
| 12.  | JUNCTION BOX, RA-49  | EA    | 3.0      |          |
| 13.  | INTAKE, RA-70  | EA    | 4.0      |          |
| 14.  | CRUSHED ROCK SURFACING   | TON   | 750.0    |          |
| 15.  | MULCHING   | ACRE  | 2.0      |          |
| 16.  | SEEDING AND FERTILIZING (RURAL)                                  | ACRE  | 2.0      |          |
| 17.  | TRAFFIC CONTROL  | LS    | 1.0      |          |