

May 19, 2016

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to C.D. Smith Construction, Inc., 889 E. Johnson St.,  
Fond Du Lac, WI 54935 for Wastewater Treatment Plant Improvements - **Phase 2.**

Contract No. 3905

4/21/2015

\$ 3,094,000.00

| No | Description                 | Amount       |
|----|-----------------------------|--------------|
| 1  | Retainage                   | \$0.00       |
| 2  | Mobilization                | \$38,000.00  |
| 3  | Bond                        | \$26,000.00  |
| 4  | Allowances                  | \$0.00       |
| 5  | Material Testing            | \$3,500.00   |
| 6  | General Conditions          | \$29,125.00  |
| 7  | Equipment                   | \$20,000.00  |
| 8  | Earthwork                   | \$49,000.00  |
| 9  | Landscaping                 | \$0.00       |
| 10 | Asphalt                     | \$0.00       |
| 11 | Demolition & Removal        | \$397,000.00 |
| 12 | Concrete Materials          | \$195,000.00 |
| 13 | Concrete Labor              | \$260,000.00 |
| 14 | Precast Materials           | \$26,000.00  |
| 15 | Precast Erection            | \$12,000.00  |
| 16 | Masonry Materials           | \$26,000.00  |
| 17 | Masonry Labor               | \$45,814.00  |
| 18 | Roofing                     | \$30,000.00  |
| 19 | Misc Metals/Steel Materials | \$261,250.00 |
| 20 | Misc Metals/Steel Labor     | \$17,000.00  |
| 21 | Caulking                    | \$4,000.00   |
| 22 | Doors/Frames/Hardware       | \$8,075.00   |
| 23 | OH Doors                    | \$3,350.00   |
| 24 | Insulated Metal Panels      | \$12,756.00  |
| 25 | Painting                    | \$10,000.00  |
| 26 | Parshall Flume              | \$7,500.00   |
| 27 | Misc SpecialTies            | \$1,265.00   |
| 28 | UV Equipment                | \$573,000.00 |
| 29 | HVAC/Plumbing               | \$0.00       |
| 30 | Mobilization                | \$25,250.00  |
| 31 | Underground                 | \$0.00       |
| 32 | Demo & Cap 4"W3-Mat         | \$300.00     |

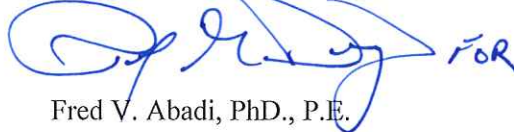
|    |                             |              |
|----|-----------------------------|--------------|
| 33 | Demo & Cap 4" W3-Lab        | \$4,500.00   |
| 34 | Line 1-4" DIP Storm-Mat     | \$2,700.00   |
| 35 | Line 1-4" DIP Storm-Lab     | \$3,200.00   |
| 36 | Line 2-4" DIP Sanitary-Mat  | \$4,700.00   |
| 37 | Line 2-4" DIP Sanitary-Lab  | \$4,500.00   |
| 38 | Line 3-2" HDPE Gas-Mat      | \$900.00     |
| 39 | Line 3-2" HDPE Gas-Lab      | \$3,400.00   |
| 40 | Line 4-1.5" Copper W1-Mat   | \$5,000.00   |
| 41 | Line 4-1.5" Copper W1-Lab   | \$7,700.00   |
| 42 | Line 5-4" DIP W3-Mat        | \$12,200.00  |
| 43 | Line 5-4" DIP W3-Lab        | \$10,900.00  |
| 44 | Process Work                | \$0.00       |
| 45 | Effluent By-Pass-Mat        | \$5,500.00   |
| 46 | Effluent By-Pass-Lab        | \$6,700.00   |
| 47 | S.Influent By-Pass-Mat      | \$2,200.00   |
| 48 | S.Influent By-Pass-Lab      | \$6,700.00   |
| 49 | N.Influent By-Pass-Mat      | \$2,200.00   |
| 50 | N.Influent By-Pass-Lab      | \$6,700.00   |
| 51 | W.Influent By-Pass-Mat      | \$4,300.00   |
| 52 | W.Influent By-Pass-Lab      | \$5,500.00   |
| 53 | Demo Blower-Lab             | \$0.00       |
| 54 | Remove Aeration Grid-Lab    | \$2,100.00   |
| 55 | Remove & Jet Drain-Mat      | \$500.00     |
| 56 | Remove & Jet Drain-Lab      | \$1,500.00   |
| 57 | Demo Mud Valve-Lab          | \$300.00     |
| 58 | Inspect Floor Prvs-Lab      | \$1,300.00   |
| 59 | Reinstall Aeration Grid-Mat | \$3,000.00   |
| 60 | Reinstall Aeration Grid-Lab | \$5,300.00   |
| 61 | Demo Temp Aeration-Lab      | \$0.00       |
| 62 | Relocate Sampler-Lab        | \$0.00       |
| 63 | 4" Tank Drain-Mat           | \$5,300.00   |
| 64 | 4" Tank Drain-Lab           | \$4,100.00   |
| 65 | 60" X 72" Gates-Mat         | \$106,600.00 |
| 66 | 60" X 72" Gates-Lab         | \$8,400.00   |
| 67 | 6"X6"X11'-2" Gate-Mat       | \$5,000.00   |
| 68 | 6"X6"X11'-2" Gate-Lab       | \$400.00     |
| 69 | Frp Stop Gate-Mat           | \$1,100.00   |
| 70 | Frp Stop Gate-Lab           | \$700.00     |
| 71 | Blowers-Mat                 | \$91,300.00  |
| 72 | Blowers-Lab                 | \$2,100.00   |
| 73 | Aeration-Mat                | \$14,800.00  |
| 74 | Aeration-Lab                | \$11,300.00  |
| 75 | UV System-Mat               | \$200.00     |

|     |                                |              |
|-----|--------------------------------|--------------|
| 76  | UV System-Lab                  | \$2,800.00   |
| 77  | Parshall Flume-Mat             | \$7,800.00   |
| 78  | Parshall Flume-Lab             | \$800.00     |
| 79  | Sample Pipe-4"PVC-Mat          | \$200.00     |
| 80  | Sample Pipe-4"PVC-Lab          | \$1,700.00   |
| 81  | ALP- 8"-Mat                    | \$21,400.00  |
| 82  | ALP - 8"-Lab                   | \$21,500.00  |
| 83  | Floor Prvs-Mat                 | \$2,000.00   |
| 84  | Floor Prvs-Lab                 | \$6,500.00   |
| 85  | Mud Valves-Mat                 | \$6,700.00   |
| 86  | Mud Valves-Lab                 | \$2,300.00   |
| 87  | Building Plumbing              | \$0.00       |
| 88  | DWV-Mat                        | \$1,200.00   |
| 89  | DWV-Lab                        | \$1,600.00   |
| 90  | RD Piping-4"PVC-Mat            | \$1,760.00   |
| 91  | RD Piping-4"PVC-Lab            | \$1,280.00   |
| 92  | W1 Piping-Mat                  | \$1,800.00   |
| 93  | W1 Piping-Lab                  | \$1,260.00   |
| 94  | FD/FCO In Bldg-Mat             | \$700.00     |
| 95  | FD/FCO In Bldg-Lab             | \$800.00     |
| 96  | Fixtures-Mat                   | \$1,250.00   |
| 97  | Fixtures-Lab                   | \$300.00     |
| 98  | Building Hvac                  | \$0.00       |
| 99  | Gas Piping-Mat                 | \$500.00     |
| 100 | Gas Piping-Lab                 | \$1,700.00   |
| 101 | Gas Unit Heater-Mat            | \$1,500.00   |
| 102 | Gas Unit Heater-Lab            | \$600.00     |
| 103 | Electric Heater-Mat            | \$500.00     |
| 104 | Electric Heater-Lab            | \$200.00     |
| 105 | Exhaust Fans-Mat               | \$5,900.00   |
| 106 | Exhaust Fans-Lab               | \$1,600.00   |
| 107 | Duct & Fittings-Mat            | \$3,900.00   |
| 108 | Duct & Fittings-Lab            | \$1,100.00   |
| 109 | Dampers-Mat                    | \$2,600.00   |
| 110 | Dampers-Lab                    | \$1,000.00   |
| 111 | Louvers-Mat                    | \$1,400.00   |
| 112 | Louvers-Lab                    | \$1,200.00   |
| 113 | Electrical                     | \$0.00       |
| 114 | LW Allen                       | \$164,000.00 |
| 115 | SQD Equipment                  | \$15,600.00  |
| 116 | Simplex Equipment              | \$0.00       |
| 117 | Duct Bank                      | \$40,000.00  |
| 118 | Rough In Piping In All Devices | \$80,000.00  |

|                             |                          |                       |
|-----------------------------|--------------------------|-----------------------|
| 119                         | Pull Wire                | \$45,000.00           |
| 120                         | Final Termination Of All | \$10,000.00           |
| 121                         | MCC-1 Installation       | \$15,000.00           |
| 122                         | SCC-1 Installation       | \$5,000.00            |
| 123                         | Stands/Brackets          | \$7,578.00            |
| Subtotal                    |                          | <u>\$2,937,513.00</u> |
| Less Retainage              |                          | <u>\$77,350.00</u>    |
| Total                       |                          | <u>\$2,860,163.00</u> |
| Less Amount Previously Paid |                          | <u>\$2,615,741.20</u> |
| Total Amount Due            |                          | <u>\$244,421.80</u>   |

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$244,421.80 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works