

## WQCF Northside Secondary Clarifier Flow Equalization Project

ENGINEER ESTIMATE \$600,000

April 14, 2011

| CONTRACTOR/CITY |  |     |      | CONCO WEST<br>MANTECA |               | SIERRA NATIONAL<br>CARMICHAEL |               |
|-----------------|--|-----|------|-----------------------|---------------|-------------------------------|---------------|
| ITEM #          | DESCRIPTION  | QTY | UNIT | ITEM COST             | TOTAL COST    | ITEM COST                     | TOTAL COST    |
| 1               | Mobilization   | LS  | 1    | \$ 25,000.00          | \$ 25,000.00  | \$ 32,950.00                  | \$ 32,950.00  |
| 2               | Provide Temporary Utility Services   | LS  | 1    | \$ 1,700.00           | \$ 1,700.00   | \$ 8,000.00                   | \$ 8,000.00   |
| 3               | Construction Dewatering; Pumping and Disposal  | LS  | 1    | \$ 10,000.00          | \$ 10,000.00  | \$ 7,000.00                   | \$ 7,000.00   |
| 4               | Site Demolition, including Paving, Concrete, Structures  | LS  | 1    | \$ 12,000.00          | \$ 12,000.00  | \$ 26,300.00                  | \$ 26,300.00  |
| 5               | Potholing  | EA  | 9    | \$ 700.00             | \$ 6,300.00   | \$ 325.00                     | \$ 2,925.00   |
| 6               | Grading, Excavation and Site Preparation – Complete  | LS  | 1    | \$ 6,500.00           | \$ 6,500.00   | \$ 5,250.00                   | \$ 5,250.00   |
| 7               | Construct Distribution Structure, Piping, and Appurtenances  | LS  | 1    | \$ 229,199.00         | \$ 229,199.00 | \$ 396,460.00                 | \$ 396,460.00 |
| 8               | Install Site Process Piping and Appurtenances; Excluding Backup 1W Line (Bid Items 10-20)  | LS  | 1    | \$ 190,000.00         | \$ 190,000.00 | \$ 22,000.00                  | \$ 22,000.00  |
| 9               | Install Site Drainage Piping, Inlet Structures, Manholes, and Ancillary Facilities   | LS  | 1    | \$ 2,300.00           | \$ 2,300.00   | \$ 15,500.00                  | \$ 15,500.00  |
| 10              | Connect to Existing 6-inch 3W Line   | EA  | 1    | \$ 2,500.00           | \$ 2,500.00   | \$ 4,200.00                   | \$ 4,200.00   |
| 11              | Connect to Existing 10-inch 1W Line  | EA  | 1    | \$ 1,200.00           | \$ 1,200.00   | \$ 4,750.00                   | \$ 4,750.00   |
| 12              | Provide and install 10-inch Class 150 PVC Pipe and restraints  | LF  | 265  | \$ 95.00              | \$ 25,175.00  | \$ 95.00                      | \$ 25,175.00  |
| 13              | Provide and install 10-inch Resilient Seat Gate Valves, fittings, valve box and lid  | EA  | 2    | \$ 2,100.00           | \$ 4,200.00   | \$ 2,850.00                   | \$ 5,700.00   |
| 14              | Provide and install 10-inch Double Check Valve, 10-inch Gate Valves, including Pipe, Fittings, Pipe Supports, and Concrete Work with Five Traffic Bollards | LS  | 1    | \$ 10,500.00          | \$ 10,500.00  | \$ 14,350.00                  | \$ 14,350.00  |
| 15              | Provide and install Wharf fire hydrant assembly including pipe, valves, fittings, and concrete work per City Standard Plan W-8                             | LS  | 1    | \$ 4,000.00           | \$ 4,000.00   | \$ 4,425.00                   | \$ 4,425.00   |
| 16              | Provide and install 10-inch x 10-inch Tee  | EA  | 1    | \$ 350.00             | \$ 350.00     | \$ 630.00                     | \$ 630.00     |
| 17              | Provide and install 6-inch x 6-inch Tee  | EA  | 1    | \$ 150.00             | \$ 150.00     | \$ 315.00                     | \$ 315.00     |
| 18              | Provide and install 10-inch x 6-inch Tee   | EA  | 1    | \$ 300.00             | \$ 300.00     | \$ 630.00                     | \$ 630.00     |
| 19              | Provide and install 10-inch x 6-inch Reducer   | EA  | 1    | \$ 150.00             | \$ 150.00     | \$ 775.00                     | \$ 775.00     |
| 20              | Provide and install 10-inch 45-degree Elbows   | EA  | 4    | \$ 300.00             | \$ 1,200.00   | \$ 425.00                     | \$ 1,700.00   |
| 21              | Provide and install 10-inch 90-degree Elbows   | EA  | 5    | \$ 300.00             | \$ 1,500.00   | \$ 550.00                     | \$ 2,750.00   |
| 22              | Install Sludge Blending Tank Stairs  | LS  | 1    | \$ 9,500.00           | \$ 9,500.00   | \$ 2,625.00                   | \$ 2,625.00   |
| 23              | Sawcut Asphalt Concrete  | LF  | 493  | \$ 2.00               | \$ 986.00     | \$ 2.10                       | \$ 1,035.30   |
| 24              | Aggregate Base (Class 2)   | LS  | 1    | \$ 3,200.00           | \$ 3,200.00   | \$ 6,750.00                   | \$ 6,750.00   |
| 25              | Asphalt Concrete Paving  | LS  | 1    | \$ 4,300.00           | \$ 4,300.00   | \$ 7,350.00                   | \$ 7,350.00   |
| 26              | Crushed rock   | CF  | 85   | \$ 20.00              | \$ 1,700.00   | \$ 16.00                      | \$ 1,360.00   |

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| CONTRACTOR/CITY  |  |    |       | CONCO WEST<br>MANTECA |                      | SIERRA NATIONAL<br>CARMICHAEL |                      |
|------------------|--|----|-------|-----------------------|----------------------|-------------------------------|----------------------|
| 27               | Trench Patch   | SF | 730   | \$ 12.00              | \$ 8,760.00          | \$ 4.00                       | \$ 2,920.00          |
| 28               | Slurry Seal  | SY | 1,020 | \$ 6.50               | \$ 6,630.00          | \$ 3.00                       | \$ 3,060.00          |
| 29               | Walkways (4-inch PCC with 6-inch AB), including Stairways and Railings   | LS | 1     | \$ 1,400.00           | \$ 1,400.00          | \$ 9,500.00                   | \$ 9,500.00          |
| 30               | Furnish and Install Electrical, Power, Control, Instrumentation, and Lighting – Complete, In-Place and Operational | LS | 1     | \$ 16,000.00          | \$ 16,000.00         | \$ 16,000.00                  | \$ 16,000.00         |
| 31               | All Sheeting, Shoring and Bracing  | LS | 1     | \$ 2,000.00           | \$ 2,000.00          | \$ 1,000.00                   | \$ 1,000.00          |
| 32               | Demobilization and Contract Closeout   | LS | 1     | \$ 1,500.00           | \$ 1,500.00          | \$ 6,500.00                   | \$ 6,500.00          |
| 33               | Air Release Valve per City Standard Plan W-18  | EA | 1     | \$ 2,800.00           | \$ 2,800.00          | \$ 3,650.00                   | \$ 3,650.00          |
| 34               | Provide interim water line connection to 10" water backup line per City Standard Plan W-3                          | LS | 1     | \$ 6,000.00           | \$ 6,000.00          | \$ 6,315.00                   | \$ 6,315.00          |
| 35               | Pressure test and disinfect 10" water backup line  | LS | 1     | \$ 1,000.00           | \$ 1,000.00          | \$ 1,500.00                   | \$ 1,500.00          |
| 36               | Expose existing utilities to be relocated  | LS | 1     | \$ 6,000.00           | \$ 6,000.00          | \$ 2,650.00                   | \$ 2,650.00          |
| <b>TOTAL BID</b> |  |    |       |                       | <b>\$ 606,000.00</b> |                               | <b>\$ 654,000.30</b> |

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| CONTRACTOR/CITY |  |     |      | TIDELANDS<br>BRENTWOOD |               | SYBLON REID<br>FOLSOM |               |
|-----------------|--|-----|------|------------------------|---------------|-----------------------|---------------|
| ITEM #          | DESCRIPTION  | QTY | UNIT | ITEM COST              | TOTAL COST    | ITEM COST             | TOTAL COST    |
| 1               | Mobilization   | LS  | 1    | \$ 35,000.00           | \$ 35,000.00  | \$ 44,000.00          | \$ 44,000.00  |
| 2               | Provide Temporary Utility Services   | LS  | 1    | \$ 1,000.00            | \$ 1,000.00   | \$ 45,000.00          | \$ 45,000.00  |
| 3               | Construction Dewatering; Pumping and Disposal  | LS  | 1    | \$ 15,000.00           | \$ 15,000.00  | \$ 3,500.00           | \$ 3,500.00   |
| 4               | Site Demolition, including Paving, Concrete, Structures  | LS  | 1    | \$ 9,000.00            | \$ 9,000.00   | \$ 6,000.00           | \$ 6,000.00   |
| 5               | Potholing  | EA  | 9    | \$ 270.00              | \$ 2,430.00   | \$ 400.00             | \$ 3,600.00   |
| 6               | Grading, Excavation and Site Preparation – Complete  | LS  | 1    | \$ 7,500.00            | \$ 7,500.00   | \$ 15,000.00          | \$ 15,000.00  |
| 7               | Construct Distribution Structure, Piping, and Appurtenances  | LS  | 1    | \$ 257,630.00          | \$ 257,630.00 | \$ 317,000.00         | \$ 317,000.00 |
| 8               | Install Site Process Piping and Appurtenances; Excluding Backup 1W Line (Bid Items 10-20)  | LS  | 1    | \$ 170,000.00          | \$ 170,000.00 | \$ 167,000.00         | \$ 167,000.00 |
| 9               | Install Site Drainage Piping, Inlet Structures, Manholes, and Ancillary Facilities   | LS  | 1    | \$ 62,000.00           | \$ 62,000.00  | \$ 5,000.00           | \$ 5,000.00   |
| 10              | Connect to Existing 6-inch 3W Line   | EA  | 1    | \$ 1,400.00            | \$ 1,400.00   | \$ 800.00             | \$ 800.00     |
| 11              | Connect to Existing 10-inch 1W Line  | EA  | 1    | \$ 2,000.00            | \$ 2,000.00   | \$ 1,600.00           | \$ 1,600.00   |
| 12              | Provide and install 10-inch Class 150 PVC Pipe and restraints  | LF  | 265  | \$ 60.00               | \$ 15,900.00  | \$ 125.00             | \$ 33,125.00  |
| 13              | Provide and install 10-inch Resilient Seat Gate Valves, fittings, valve box and lid  | EA  | 2    | \$ 2,500.00            | \$ 5,000.00   | \$ 1,500.00           | \$ 3,000.00   |
| 14              | Provide and install 10-inch Double Check Valve, 10-inch Gate Valves, including Pipe, Fittings, Pipe Supports, and Concrete Work with Five Traffic Bollards | LS  | 1    | \$ 12,500.00           | \$ 12,500.00  | \$ 10,000.00          | \$ 10,000.00  |
| 15              | Provide and install Wharf fire hydrant assembly including pipe, valves, fittings, and concrete work per City Standard Plan W-8                             | LS  | 1    | \$ 4,200.00            | \$ 4,200.00   | \$ 3,000.00           | \$ 3,000.00   |
| 16              | Provide and install 10-inch x 10-inch Tee  | EA  | 1    | \$ 450.00              | \$ 450.00     | \$ 300.00             | \$ 300.00     |
| 17              | Provide and install 6-inch x 6-inch Tee  | EA  | 1    | \$ 175.00              | \$ 175.00     | \$ 200.00             | \$ 200.00     |
| 18              | Provide and install 10-inch x 6-inch Tee   | EA  | 1    | \$ 700.00              | \$ 700.00     | \$ 300.00             | \$ 300.00     |
| 19              | Provide and install 10-inch x 6-inch Reducer   | EA  | 1    | \$ 750.00              | \$ 750.00     | \$ 200.00             | \$ 200.00     |
| 20              | Provide and install 10-inch 45-degree Elbows   | EA  | 4    | \$ 1,000.00            | \$ 4,000.00   | \$ 200.00             | \$ 800.00     |
| 21              | Provide and install 10-inch 90-degree Elbows   | EA  | 5    | \$ 500.00              | \$ 2,500.00   | \$ 200.00             | \$ 1,000.00   |
| 22              | Install Sludge Blending Tank Stairs  | LS  | 1    | \$ 9,000.00            | \$ 9,000.00   | \$ 8,500.00           | \$ 8,500.00   |
| 23              | Sawcut Asphalt Concrete  | LF  | 493  | \$ 3.00                | \$ 1,479.00   | \$ 2.00               | \$ 986.00     |
| 24              | Aggregate Base (Class 2)   | LS  | 1    | \$ 4,200.00            | \$ 4,200.00   | \$ 4,500.00           | \$ 4,500.00   |
| 25              | Asphalt Concrete Paving  | LS  | 1    | \$ 5,500.00            | \$ 5,500.00   | \$ 15,000.00          | \$ 15,000.00  |
| 26              | Crushed rock   | CF  | 85   | \$ 7.00                | \$ 595.00     | \$ 4.00               | \$ 340.00     |

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|------------------|--|----|-------|------------------------|----------------------|-----------------------|----------------------|
| 27               | Trench Patch   | SF | 730   | \$ 9.00                | \$ 6,570.00          | \$ 5.00               | \$ 3,650.00          |
| 28               | Slurry Seal  | SY | 1,020 | \$ 5.00                | \$ 5,100.00          | \$ 2.00               | \$ 2,040.00          |
| 29               | Walkways (4-inch PCC with 6-inch AB), including Stairways and Railings   | LS | 1     | \$ 1,600.00            | \$ 1,600.00          | \$ 400.00             | \$ 400.00            |
| 30               | Furnish and Install Electrical, Power, Control, Instrumentation, and Lighting – Complete, In-Place and Operational | LS | 1     | \$ 13,000.00           | \$ 13,000.00         | \$ 30,000.00          | \$ 30,000.00         |
| 31               | All Sheeting, Shoring and Bracing  | LS | 1     | \$ 5,000.00            | \$ 5,000.00          | \$ 5,000.00           | \$ 5,000.00          |
| 32               | Demobilization and Contract Closeout   | LS | 1     | \$ 2,500.00            | \$ 2,500.00          | \$ 5,000.00           | \$ 5,000.00          |
| 33               | Air Release Valve per City Standard Plan W-18  | EA | 1     | \$ 5,000.00            | \$ 5,000.00          | \$ 2,500.00           | \$ 2,500.00          |
| 34               | Provide interim water line connection to 10" water backup line per City Standard Plan W-3                          | LS | 1     | \$ 2,000.00            | \$ 2,000.00          | \$ 2,000.00           | \$ 2,000.00          |
| 35               | Pressure test and disinfect 10" water backup line  | LS | 1     | \$ 2,000.00            | \$ 2,000.00          | \$ 200.00             | \$ 200.00            |
| 36               | Expose existing utilities to be relocated  | LS | 1     | \$ 7,000.00            | \$ 7,000.00          | \$ 5,000.00           | \$ 5,000.00          |
| <b>TOTAL BID</b> |  |    |       |                        | <b>\$ 679,679.00</b> |                       | <b>\$ 745,541.00</b> |

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April 14, 2011

| CONTRACTOR/CITY |  |     |      | RE SMITH<br>NEWCASTLE |               |
|-----------------|--|-----|------|-----------------------|---------------|
| ITEM #          | DESCRIPTION  | QTY | UNIT | ITEM COST             | TOTAL COST    |
| 1               | Mobilization   | LS  | 1    | \$ 32,500.00          | \$ 32,500.00  |
| 2               | Provide Temporary Utility Services   | LS  | 1    | \$ 5,640.00           | \$ 5,640.00   |
| 3               | Construction Dewatering; Pumping and Disposal  | LS  | 1    | \$ 64,030.00          | \$ 64,030.00  |
| 4               | Site Demolition, including Paving, Concrete, Structures  | LS  | 1    | \$ 6,350.00           | \$ 6,350.00   |
| 5               | Potholing  | EA  | 9    | \$ 1,250.00           | \$ 11,250.00  |
| 6               | Grading, Excavation and Site Preparation – Complete  | LS  | 1    | \$ 15,220.00          | \$ 15,220.00  |
| 7               | Construct Distribution Structure, Piping, and Appurtenances  | LS  | 1    | \$ 284,728.00         | \$ 284,728.00 |
| 8               | Install Site Process Piping and Appurtenances; Excluding Backup 1W Line (Bid Items 10-20)  | LS  | 1    | \$ 190,435.00         | \$ 190,435.00 |
| 9               | Install Site Drainage Piping, Inlet Structures, Manholes, and Ancillary Facilities   | LS  | 1    | \$ 35,795.00          | \$ 35,795.00  |
| 10              | Connect to Existing 6-inch 3W Line   | EA  | 1    | \$ 1,300.00           | \$ 1,300.00   |
| 11              | Connect to Existing 10-inch 1W Line  | EA  | 1    | \$ 1,700.00           | \$ 1,700.00   |
| 12              | Provide and install 10-inch Class 150 PVC Pipe and restraints  | LF  | 265  | \$ 125.00             | \$ 33,125.00  |
| 13              | Provide and install 10-inch Resilient Seat Gate Valves, fittings, valve box and lid  | EA  | 2    | \$ 2,450.00           | \$ 4,900.00   |
| 14              | Provide and install 10-inch Double Check Valve, 10-inch Gate Valves, including Pipe, Fittings, Pipe Supports, and Concrete Work with Five Traffic Bollards | LS  | 1    | \$ 11,155.00          | \$ 11,155.00  |
| 15              | Provide and install Wharf fire hydrant assembly including pipe, valves, fittings, and concrete work per City Standard Plan W-8                             | LS  | 1    | \$ 4,237.00           | \$ 4,237.00   |
| 16              | Provide and install 10-inch x 10-inch Tee  | EA  | 1    | \$ 986.00             | \$ 986.00     |
| 17              | Provide and install 6-inch x 6-inch Tee  | EA  | 1    | \$ 686.00             | \$ 686.00     |
| 18              | Provide and install 10-inch x 6-inch Tee   | EA  | 1    | \$ 886.00             | \$ 886.00     |
| 19              | Provide and install 10-inch x 6-inch Reducer   | EA  | 1    | \$ 1,086.00           | \$ 1,086.00   |
| 20              | Provide and install 10-inch 45-degree Elbows   | EA  | 4    | \$ 686.00             | \$ 2,744.00   |
| 21              | Provide and install 10-inch 90-degree Elbows   | EA  | 5    | \$ 826.00             | \$ 4,130.00   |
| 22              | Install Sludge Blending Tank Stairs  | LS  | 1    | \$ 16,846.00          | \$ 16,846.00  |
| 23              | Sawcut Asphalt Concrete  | LF  | 493  | \$ 4.00               | \$ 1,972.00   |
| 24              | Aggregate Base (Class 2)   | LS  | 1    | \$ 5,886.00           | \$ 5,886.00   |
| 25              | Asphalt Concrete Paving  | LS  | 1    | \$ 6,030.00           | \$ 6,030.00   |
| 26              | Crushed rock   | CF  | 85   | \$ 21.00              | \$ 1,785.00   |

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| CONTRACTOR/CITY  |  |    |       | RE SMITH<br>NEWCASTLE |                      |
|------------------|--|----|-------|-----------------------|----------------------|
| 27               | Trench Patch   | SF | 730   | \$ 12.00              | \$ 8,760.00          |
| 28               | Slurry Seal  | SY | 1,020 | \$ 9.50               | \$ 9,690.00          |
| 29               | Walkways (4-inch PCC with 6-inch AB), including Stairways and Railings   | LS | 1     | \$ 4,183.00           | \$ 4,183.00          |
| 30               | Furnish and Install Electrical, Power, Control, Instrumentation, and Lighting – Complete, In-Place and Operational | LS | 1     | \$ 16,916.00          | \$ 16,916.00         |
| 31               | All Sheeting, Shoring and Bracing  | LS | 1     | \$ 10,519.00          | \$ 10,519.00         |
| 32               | Demobilization and Contract Closeout   | LS | 1     | \$ 1,500.00           | \$ 1,500.00          |
| 33               | Air Release Valve per City Standard Plan W-18  | EA | 1     | \$ 6,427.00           | \$ 6,427.00          |
| 34               | Provide interim water line connection to 10" water backup line per City Standard Plan W-3                          | LS | 1     | \$ 8,324.00           | \$ 8,324.00          |
| 35               | Pressure test and disinfect 10" water backup line  | LS | 1     | \$ 1,146.00           | \$ 1,146.00          |
| 36               | Expose existing utilities to be relocated  | LS | 1     | \$ 8,133.00           | \$ 8,133.00          |
| <b>TOTAL BID</b> |  |    |       |                       | <b>\$ 821,000.00</b> |