

**GARDINER RECOMMENDED COST REDUCTION
CONTRACTS 1 AND 2
REQUIRED SAVINGS = \$272,400
VSK 7/14/04 (Final 7/27/04)**

Contract No. 1

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|--|-----------------------|
| 1. Delete Maine Avenue Pump Station Gas Detector (refer to pg. 13440-11) | (\$3,900) |
| 2. Delete Temporary Field Office (refer to Sec. 01590) | (\$1,000) |
| 3. Delete 730 ft of 30" sewer, change 1,445 ft of 30" to 36" sewer | (\$77,422)** |
| 4. Delete So. Gardiner Pump Station Allowance (refer to Legal/Admin.) | (\$19,315)** |

Contract No. 1 Subtotal (Recommended) (\$96,737)

Contract No. 2

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|--|------------------------------|
| 1. Delete Temporary Field Office (refer to Sec. 01590) | (\$10,793)** |
| 2. Delete new roofing over clarifier room (refer to Dwg. A-7) | (\$87,699)** |
| 3. Delete all new flooring in Admin. area (refer to Dwg. A-10) | (\$9,500)** |
| 4. Delete metal canopy outside sludge digesters-Penta (refer to Dwg. A-11) | (\$5,571)** |
| 5. Delete Plant Water piping replacement (refer to Dwg. PR-19 and PR-20) | (N/A) |
| 6. Penta 7/7/04 Items 1, 2, and 8 | (\$45,000)** |
| 7. Penta 7/7/04 Item 7 | (\$1,800)** |
| 8. Penta 7/7/04 Item 11 | (\$5,000)** |
| 9. Penta 7/7/04 Item 12 | (\$10,300)** |
| 10. Penta 7/19/04 Huber Press Revision or
7/23/04 Fournier Press Revision | (\$75,000)
(\$39,700) |
| 11. Reduce contingency funds (\$219,000 total) as required | (N/A) |

Contract No. 2 Subtotal (Recommended) (\$175,663)

Total Reduction Contracts No. 1 and 2 ((\$272,400))

**** Recommended items in bold print. Note that \$19,315 recommended for deletion from South Gardiner Pump Station allowance, leaving \$30,685 in allowance.**

**GARDINER COST REDUCTION
CRITICAL ITEMS REMOVED FROM PROJECT
TO REDUCE COSTS
VSK 7/27/04**

Contract No. 2

1. New roofing deleted prior to bidding (estimated)	(\$152,500)
2. Delete new roofing over clarifier room (after receiving bids)	(\$87,699)
3. South Gardiner Pump Station Allowance (reduced after bids)	(<u>\$19,315</u>)
Total Reduction of Critical Items	((<u>\$259,514</u>))

FINAL COST ESTIMATE
APRIL 2004
ITEMS REDUCED/DELETED FOR BUDGETARY REASONS

1. Eliminate the sludge recirculation system (Deduct \$86,200);
2. **Eliminate the plant emergency bypass (Deduct \$74,500);**
3. Eliminate two peristaltic pumps in the disinfection and dechlorination system (Deduct \$12,400);
4. Eliminate rotating scum pipes in CCT and CSO rapid disinfection tank (Deduct \$16,400);
5. Eliminate new roofing (Deduct \$241,500); **Alternate: Eliminate all but new roof over clarifier room (Deduct \$152,500);**
6. **Install SCADA system with two SCADA workstations instead of three (Deduct \$9,300);**
7. **Eliminate 680 gallon hypochlorite tank (Deduct \$4,600);**
8. **Eliminate plant paging system (Deduct \$12,700);**
9. Eliminate WWTF emergency generator overhaul allowance (Deduct \$50,000); **Alternate: Perform minor overhaul only (Deduct \$44,000);**
10. Bury CSO influent plug valve rather than putting in a valve pit (Deduct \$10,600); **Alternate: Delete valve as well as valve pit (Deduct \$17,400);**
11. Eliminate modifications to SGPS (Deduct \$185,600); **Alternate: Reserve \$50,000 for upgrade by City later (Deduct \$135,600);**
12. Eliminate primary clarifier dome (Deduct \$55,000);
13. Eliminate new secondary clarifier mechanisms (Deduct \$167,800);
14. **Eliminate repainting of interior walls and ceilings (Deduct \$50,600);**
15. **Leave MCC in place, eliminate replacement lighting (Deduct \$60,000).**

Note: Reduced/deleted items are in bold type.

Total estimated construction cost reduction is \$561,200.