**Appendix A**
**Total Project Fee**

**Public Park Construction Management**
**Based on 2016 Rates**

| Task No. | Task Description | Fee Estimate |
|---|---|---|
| 1 | Project Management | $ 7,631 |
| 2 | Construciton Administration | $ 13,315 |
| 3 | Construction Inspection | $ 54,978 |
| | Public Park Expenses | $ 3,930 |
| | | |
| | **Total Project Cost (Public Park Construction Management)** | **$ 79,853** |

## MAN-HOUR ESTIMATE - Public Park

| Task No. | Description of Work Items / Tasks | Olsson Associates | | | | Total Manhours | Total Labor Fee | Total Olsson Fee |
|---|---|---|---|---|---|---|---|---|
| | | Client Manager | Senior Inspector | Senior Technician | Assistant Technician | | | |
| | | $ 159.14 | $ 100.79 | $ 82.75 | $ 60.00 | | | |
| 1 | **Project Management** | | | | | | | |
| | Overall Project Management | 10 | 40 | | | 50 | $ 5,623 | $ 5,623 |
| | Internal Project Management | | | | | 0 | $ - | $ - |
| | Coordination with Others | | | | | 0 | $ - | $ - |
| | Design Memorandum | | | | | 0 | $ - | $ - |
| | Monthly Progress Meetings (6 meetings) | | 15 | 6 | | 21 | $ 2,008 | $ 2,008 |
| | | | | | | | | |
| | | | | | | | | |
| 13 | **Construction Administration** | | | | | | | |
| | Attend Pre-Construction Meeting | | | | | 0 | $ - | $ - |
| | Review Shop Drawings | | | | | 0 | $ - | $ - |
| | Prepare Change Orders | | | | | 0 | $ - | $ - |
| | Prepare Revision Sheets | | | | | 0 | $ - | $ - |
| | Answer Design Questions | | | | | 0 | $ - | $ - |
| | Evaluate substitute "or equal" bids | | | | | 0 | $ - | $ - |
| | Conduct Site Visits | | | | | 0 | $ - | $ - |
| | Review and Certify Pay Requests | | 50 | 100 | | 150 | $ 13,315 | $ 13,315 |
| | | | | | | | | |
| | | | | | | | | |
| 14 | **Construction Inspection** | | | | | 0 | | $ - |
| | Construction Inspection | | | 610 | 75 | 685 | $ 54,978 | $ 54,978 |
| | | | | | | | | |
| | | | | | | | | |
| | **Total Manhours** | 10 | 105 | 716 | 75 | 906 | $ 75,923 | $ 75,923 |
| | **Total Labor** | $ 1,591 | $ 10,583 | $ 59,249 | $ 4,500 | | $ 75,923 | $ 75,923 |
| | **Total Labor and Expenses** | | | | | | $ 79,853 | |




| PUBLIC PARK TOTAL EXPENSES | | | | | |
|---|---|---|---|---|---|
| **Expenses** | **Amount** | | **$ Ea.** | | **Cost** |
| **Construction Phase** | | | | | |
| Travel, mile (car) | 3000 | MILES | 0.56 | | $1,680.00 |
| Travel, mile (survey vehicle) | | MILES | 0.75 | | $0.00 |
| Cylinders | 150 | EA | 15.00 | | $2,250.00 |
| | | | | | |
| | | | **Total** | | **$3,930.00** |

| | |
|---|---|
| Other travel or lodging cost | Actual Cost |
| Meals | Actual Cost |
| Printing and Duplication including mylars and linens | |
| In-house | Actual Cost |
| Outside | Actual Cost + 10% |
| including express mail and special delivery | Actual Cost |
| Film and Photo Developing | Actual Cost + 10% |
| Miscellaneous Materials & Supplies Applicable to this Project | Actual Cost + 10% |
| Copies of deeds, easements, or other project related document | Actual Cost + 10% |
| Fees for applications or permits | Actual Cost + 10% |
| Sub-consultants | Actual Cost + 3% |

**Public Park Assumptions**

1. Construction inspection includes Senior Technician being on site 2/3 of an 8 hour day for 100 day construction duration plus 10 - 8 hour days to catch up paperwork to current progress.
2. Monthly pay requests assumes 2 days of review and certify for 6 month construction duration.
3. Senior Technician to spend approximately 4 hours per week for 6 month construction duration for providing quantities.
4. Concrete testing by Assistant Technician estimated at 30 trips for 2.5 hours per trip.
5. Soil testing will be performed by others