



engineering • planning • environmental • construction

701 Xenia Avenue South  
Suite 300  
Minneapolis, MN 55416  
Tel: 763-541-4800  
Fax: 763-541-1700

March 23, 2015

Mr. Tim Himmer  
Public Works Director  
City of Coon Rapids  
11155 Robinson Drive  
Coon Rapids, MN 55433-3761

Re: Estimate of Professional Services Fee: Sand Creek Park Site Improvements –  
Construction Administration Services - City of Coon Rapids, MN

Dear Mr. Himmer:

WSB & Associates is pleased to present this proposal for Construction Administration services related to the Sand Creek Park Improvement Project.

The scope of services presented in this proposal are based on discussions with the City of Coon Rapids' staff and recent planning and design services associated with this site. WSB will coordinate with all of their subconsultants. For reference we have attached the following subconsultant proposals. The subconsultant fees are included in WSB's fee proposal for this project:

- Main Line Consulting's proposal for irrigation design
- EDI's proposal for electrical design
- Oertel Architects proposal for building architecture
- McGhie & Betts, a division of WSB, proposal for testing services

#### PROJECT UNDERSTANDING:

Construction of the improvements defined in the bid documents will be performed between the spring of 2015 through the fall of 2016 in a multi-phased development.

#### SCOPE OF SERVICES

##### **A. SCOPE OF SERVICES 'A'**

##### **1. Contract Administration and Site Progress Meetings:**

St. Cloud • Minneapolis • St. Paul  
Equal Opportunity Employer  
wsbeng.com

- a. Conduct Pre-construction Conference: Facilitate the pre-construction conference. Meeting minutes will be prepared and distributed to all the attendees.
- b. Weekly Site Progress Meetings: Attend up to 50 weekly site progress meetings during periods of active construction during the project to allow for pro-active communication with the contractor and Owner, which will maximize efficiency during the construction. Meeting minutes will be prepared and distributed to all the attendees. These meetings will allow WSB to:
  - i. Become generally familiar with and to keep the Owner informed about the progress and the quality of the portion of the Work completed. Note, this does not include exhaustive or continuous on-site inspections to check the quality or quantity of the Work.
  - ii. Determine in general if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents.
  - iii. Report to the Owner known deviations from the Contract Documents.
- c. Review submittals & shop drawings.
- d. Answer contractor questions and provide design intent and clarification for any issues that may arise during the project.
- e. Review pay applications prepared by contractor and make recommendations regarding payment.
- f. In the event of changed conditions during the project, WSB will prepare and distribute any necessary change orders to expedite the work in the field.
- g. Substantial completion meeting and punchlist.
- h. Final Project Completion review meeting.
- i. Infiltration testing as required by Watershed District after construction and memo of results.

**2. Site Utilities Related Services:**

- a. Conduct full time inspections for up to 6 weeks during installation of sanitary sewer, water service, and storm sewer plus 3 weeks for appurtenant work.
- b. Preparations and documentation of as-builts.
- c. Spring warranty and punchlist preparation.

**3. Architectural Related Services:**

- a. See attached scope of services from Oertel Architects for detailed description of services.

**4. Irrigation Related Services:**

- a. See attached scope of services from Main Line Consulting for detailed description of services.

**5. Electrical Related Services:**

- a. See attached scope of services from EDI for detailed description of services.

**6. Construction Testing Services:**

- a. See attached scope of services from McGhie and Betts, a division of WSB & Associates, Inc. Assumptions have been made on scope of testing related to the proposed buildings as design is not yet 100% complete.

**B. SCOPE OF SERVICES 'B'**

**1. Additional Services**

- a. Any additional work or change in project scope will be completed on an hourly basis to be billed in accordance with WSB & Associates' hourly rates at the time work is completed.

**C. CONDITIONS AND EXCLUSIONS**

- 1. We will provide all of the professional design services, required to complete the plans and specifications as required for bidding the improvements for this project except the following:
  - a. Hazardous waste engineering
  - b. Archeological services
  - c. Ecological design services

WSB can add these items to our scope at additional fee if they become required.

- 2. Any additional work or change in project scope will be completed on an hourly basis to be billed in accordance with WSB & Associates' hourly rates.
- 3. City may terminate project with written notice, but shall be responsible for fees incurred to date.

**D. PROJECT MANAGEMENT:**

- 1. Robert Slipka, Sr. Landscape Architect, will act as the main project manager for this project. The OWNER reserves the right to review/reject alternate project manager if workload requires an alternate staff member to take over project management duties.

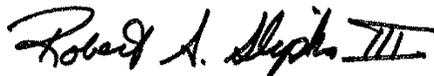
**E. PROPOSED FEE:** All proposed fees are based on the scope of services defined in this proposal. Services not defined will be considered as Additional Services Item 'D'.

1. **SCOPE OF SERVICES 'A':** WSB & Associates and their identified team of subconsultants will provide the services as outlined in Scope of Services Paragraph "A" above for an estimated hourly fee of \$253,323.50.
2. **SCOPE OF SERVICES 'B':** WSB & Associates and will provide the services as outlined in Scope of Services Paragraph "B" above and as requested by the CITY on an hourly basis.

The proposed scope and fee presented herein represents our complete understanding of the project based on available information. If you have any questions or need additional information, please feel free to contact me at (763) 231-4844. Once again, we appreciate the opportunity to submit this proposal and look forward to working with you and your staff.

Sincerely,

*WSB & Associates, Inc.*



Robert Slipka, RLA, ASLA  
Sr. Landscape Architect

Attachments:

- Fee Estimate Spreadsheet
- Main Line Consulting's proposal for irrigation design
- EDI's proposal for electrical design
- Oertel Architects proposal for building architecture
- McGhie & Betts, a division of WSB, proposal for testing services

**ACCEPTED BY:**  
**City of Coon Rapids, MN**

By \_\_\_\_\_

Date \_\_\_\_\_

# Construction Administration Fee Estimate Spreadsheet Sand Creek Park Site Improvements

701 Xenia Avenue South  
Suite 300  
Minneapolis, MN 55416  
Tel: 763-541-4800  
Fax: 763-541-1700



Item	Scope of Services 'A' Construction Administration Services	Personnel						Specialty Service Fee	Est. Fee
		Associate / Sr. Land. Arch	Proj. Mgr. / Sr. Land. Arch	Land. Arch / Technical Support	Engineering / Environmental	Lead Project Inspector	Clerical		
		Budgeted Houdgeted Hours							
1	Project Management	50	90						\$ 16,190.00
2	Pre Construction Meeting	5	10	10	5				\$ 3,090.00
3	Submittals and shop drawing review	15	40	60	30		25		\$ 16,200.00
4	Formal weekly progress meetings (up to 50 meetings)	20	200	250	35				\$ 46,375.00
5	Periodic Site Visits to Review Work	20	130	150					\$ 27,240.00
6	Utility Inspections				80	360	40		\$ 47,720.00
7	Process pay apps, change orders, etc.	10	60	40	10		25		\$ 13,635.00
8	Substantial Completion meeting and punchlist	10	10	15	10		5		\$ 5,115.00
9	Final project completion review meeting	10	10	15	10		5		\$ 5,115.00
10	Infiltration Testing		5	5	10		5		\$ 2,535.00
11	Testing services: Construction materials & special structural inspections							\$ 27,233.50	\$ 27,233.50
12	Irrigation related							\$ 2,500.00	\$ 2,500.00
13	Electrical related							\$ 3,000.00	\$ 3,000.00
14	Architectural building related							\$ 35,875.00	\$ 35,875.00
15	Reimbursables							\$ 1,500.00	\$ 1,500.00
Total Estimated Hours		140	555	545	190	360	105		
Scope of Services 'A' - Est. Fee		\$18,620.00	\$ 58,830.00	\$ 39,240.00	\$ 24,510.00	\$ 34,560.00	\$ 7,455.00	\$ 70,108.50	\$ 253,323.50

<b>Scope of Services 'A' Fee Total</b>	<b>\$ 253,323.50</b>
<b>Percent of Total Estimated Construction Cost</b>	<b>3.27%</b>

Estimated Construction Costs:	
Site Improvements Bid Package (incl. alternate)	\$5,614,527.08
Building Bid Package	\$975,000.00
Separate Quote Packages:	
- Playgrounds	\$200,000.00
- MUSCO Lighting	\$701,016.00
- Skatepark Equipment and Slab	\$115,000.00
- Dasher Boards	\$75,666.35
- Athletic Field Seeding	\$39,000.00
- Reader Board	\$35,210.00
<b>Total Estimated Construction Cost</b>	<b>\$7,755,419.43</b>



Monday, June 09, 2014

To: WSB  
Jason Amberg  
701 Xenia Avenue South  
Suite 300  
Minneapolis, MN 55416

Re: Sand Creek Park  
Coon Rapids, MN

After our review of the pdf preliminary Master Plan of this project please find below the estimate of our fees for the project listed above. These numbers are estimates only and actual costs, depending on individual job requirements, changes to scope, site, etc. could vary. Revisions to plan, after submittal as complete, will be billed on an hourly basis.

**Irrigation Design:**      **4 – Softball Fields in “wheel”**  
                                     **2 – Softball Fields**  
                                     **2 – Football & Lacrosse Fields**  
                                     **Common Areas – between Fields & Parking Areas**  
                                     **Common Areas between fields**

1. Water Source
  - Domestic Water Source
  - Water Meter & Backflow Device
  - POC Analysis (Pressure/Volume)
2. Pump & Controls if required
3. Control System
  - Water Window Analysis
  - Decoder Control
4. Irrigated Areas (Field surfaces and common areas as listed above)
  - Turf Areas
  - Irrigation Equipment
  - Piping
  - Controls
5. Installation Details
6. Specifications
7. Project Construction Budget
8. Submittal Review
9. MLC to provide As-Builts of Final Project to Owner.

	<b>Total Design:</b>	<b>\$6,250.00</b>
	<b>Site Visits – Pre-Construction, Staking, Mid-Construction</b>	
	<b>&amp; Final Walk-thru with Punch List:</b>	<b><u>\$2,500.00</u></b>
	<b>TOTAL:</b>	<b>\$8,750.00</b>

- Plans and details will be submitted in an AutoCAD 2011 format.
- Specifications will be in a Microsoft Word format or required format if different.
- Main Line Consulting, Inc. will maintain liability insurance through the life of the project.
- Project Management, additional Site visits and other services requested will be billed at \$125.00/hr., plus expenses.
- Project will be billed monthly based on percentage complete. Terms are net due 30 days from invoice date – no further work/revisions will be done on projects that are not current.

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Sincerely,

# MLC

IRRIGATION CONSULTANTS  
Water, solved.



Jim Ruzicka  
President



February 16, 2015

Mr. Robert Slipka,  
WSB & Associates  
701 Xenia Ave. South, Suite #300  
Minneapolis, MN 55416

**Re: Proposal for Electrical Engineering Services - Construction Administration  
Sand Creek Park  
Coon Rapids, Minnesota**

Dear Mr. Slipka:

On behalf of Engineering Design Initiative (edi) we thank you for the opportunity to present this proposal for Construction Administration Services for the above listed project.

I. Scope of Basic Services:

A. Construction Administration

- Respond to contractor questions
- Prepare (PR, ASI, etc.)
- Attend Pre-Construction Meeting
- Shop Drawing Review
- (2) on site progress meetings
- (1) final site review and Punch List
- As-built Record Documents

II. Professional Fee:

A. Our proposed fee for the basic services shall be an hourly not to exceed fee of **\$3,000** payable monthly upon presentation of invoice. This proposal encompasses the scope of work identified in section I and includes all consultants. Fees for these services do not include the Additional services or Reimbursable Expenses listed in Sections III and IV below.

B. Billing/Payment: The client agrees to pay EDI for all services performed and all costs incurred. Invoices for EDI's services shall be submitted, at EDI's option, either upon completion of such services or on a monthly basis. Invoices shall be due and payable within thirty days. Account unpaid 30 days after the invoice date may be subject to a monthly service charge of 1.5% (or the maximum legal rate) on the unpaid balance.

III. Additional Services:

A. This proposal is based on the scope of work defined above. Work outside the scope defined above shall be considered Additional services. Fees for additional services not included in the above scope of work shall be negotiated at time of request.

B. Additional Services includes all work not outlined above, including, but not limited to the following:

- Formal commissioning
- IV. Reimbursable Expenses:
- Reimbursable expenses are included in the fee above.

If you have any questions or need further information, please feel free to contact me.

Sincerely,  
*Engineering Design Initiative, Ltd.*



Jay S. Hruby, PE  
President



DATE:  
March 17, 2014

TO:  
Jason Amberg and Robert  
Slipka, WSB and Associates

FROM:  
Andrew Cooper, Project  
Architect, Oertel Architects

RE:  
Sand Creek Construction  
Administration Proposal

Mr. Jason Amberg-

Included below is our proposal for the Construction Administration activities for the Sand Creek Park Building.

The building project will be managed by a construction management team, acting either as an at-risk or no-risk Construction Manager. In any case, our fee remains the same. Our fee will be billed hourly and will not exceed without prior approval from WSB and the City of Coon Rapids.

We have based our fee on the design work completed for the project and anticipated construction activities, and includes the following:

Shop Drawing Review

Responding to RFI's and proposal cost requests and evaluation of proposed costs.

Weekly or bi-weekly (as determined by construction activities) site visits during all construction activities related to the building structure.

Special meetings, in addition to general construction meetings, for floor preconstruction and roofing preconstruction coordination meetings.

Punchlist development

Punchlist verification.

Electronic As-Built generation in PDF format will include the following:

All construction changes via RFI, Architectural or Contractor Proposal Requests.

Additional visits above noted above would be billed hourly, plus mileage expenses on an approved basis by the lead consultant (WSB and Associates).

Consulting engineers (Structural, Mechanical and Electrical) include the following:

Two site reviews per Structural and Electrical engineers

Three site reviews per Mechanical engineer

One punchlist generation and verification by all consultants

Electronic As-Builts

Additional visits above noted above would be billed hourly, plus mileage expenses on an approved basis by the lead consultant (WSB and Associates).



**Exclusions:**

- Special Inspections related to the construction and materials testing.
- Permit applications and permit reviews are by the contractor responsible for the construction of the project.
- There may be additional exclusions noted for the other engineering disciplines, as noted on the attached fee spread sheet.
- This proposal excludes soils investigations or geotechnical analysis.

**Fee:**

Our total fee for the work noted above is **\$35,875.00**. We propose this fee to be billed hourly, not to exceed the total amount identified, without prior approval of WSB or the City of Coon Rapids.

The attached spread sheet provides a break down by component and consultant.

**Reimbursable Expenses:**

Please **add \$1000.00** to be billed as needed for reimbursable expenses such as mileage, plots, deliveries or mailings.

If you have any questions regarding this fee, need more detail or require more information, please do not hesitate to contact me for any additional needs.

Again, thank you very much for this opportunity and we look forward to continuing our work with you and the City of Coon Rapids.

Thank you.

Andrew Cooper  
Oertel Architects

# City of Coon Rapids - Sand Creek

## Design Services thru Bidding Services

### Architectural

#### Task / Description / Scope

Construction and Contract Administration: Buildings Only.	Construction Admin. Duration: 30 weeks	
Construction Kick-Off Meeting		\$190.00
Construction Progress Meetings (Bi-Weekly/as needed)		\$8,550.00
Shop Drawing Review		\$12,825.00
RFI, Cost Proposal Evaluation, Changes, Etc		\$4,275.00
Punchlist and verification		\$285.00
Hourly not to Exceed		\$26,125.00
Electronic As-Builts	Hourly not to exceed	\$1,900.00
	Sub Total	<b>\$28,025.00</b>
Exclusions:		
Hourly Rate		
Principal		\$135.00
Senior Project Architect		\$110.00
Project Architect		\$95.00
CAD Technician		\$65.00

**Structural**

Task / Description / Scope

Shop Drawing Review, RFI, Changes, Etc.

2 Site Visits  
1 Punchlist Evaluation

Construction  
Admin

\$800.00

Electronic As-Builts

\$250.00

Sub Total **\$1,050.00**

Exclusions:

Moment frame design

Hourly Rate

Principal \$140.00  
Senior Staff Engineer \$115.00  
CAD Technician \$75.00

**Mechanical**

Task / Description / Scope

Shop Drawing Review, RFI, Cost Proposal Evaluation,  
Changes  
Three Site Visits  
One Punchlist Evaluation

Construction  
Admin

\$4,000.00

Sewer Ejector Pump Design and Construction Admin \*  
\*excluded from original scope of work

\$600.00

Electronic As-Builts

included above

Sub Total **\$4,600.00**

Exclusions:

Water / sewer utility work outside 5' of building

Mini Shelters or other park features

Refridgeration equipment

Fire protection layout (by F.P. provider)

Landscape Irrigation

Sewage or Storm pumps or basins

Propane storage

Full commercial kitchen features.

Owner Start up or Commissioning

Drawings or specs related to hazardous conditions

Hourly Rate

Principal Engineer

\$125.00

**Electrical**

Task / Description / Scope

Shop Drawing Review, RFI, Cost Proposal Changes,  
Changes  
Two Construction Progress Site Visits  
One Punchlist Evaluation

Construction  
Admin

All Design Phases \$2,200.00

Electronic As-Builts included above

Sub Total **\$2,200.00**

Exclusions:

Site Lighting  
Security, Voice and Data  
Generator

Hourly Rate

Principal Engineer \$120.00

Project Sub Total \$35,875.00

Reimbursables \$1,000.00

**TOTAL PROJECT FEE \$36,875.00**



**PROFESSIONAL SERVICE ORDER**

Project Number: 01431-420  
Client Name: WSB & Associates  
Address: 701 Xenia Avenue South/Suite 300  
City/State/Zip: Minneapolis, Minnesota 55416  
Ordered By: Robert Slipka-Sr. Landscape Architect  
Date: 3/6/2015 Client Phone No.: (763) 231-4844

Legal Description of Property or Project Site:

Sand Creek Park Improvements  
Area A, B, C & D  
Coon Rapids, Minnesota

Send Copies To: (1)  
(2)  
(3)  
(4)  
(5)

Description of Services Requested:

Construction Materials Testing & Special Structural Inspections

Cost Estimate of Services: \$27,233.50 (as outlined on attached proposal)

Order Taken By: Barry Hentz

Mail Invoice To: (If Different from Above)

Address:

Owner's Purchase Order No.:

Field Work Completed By: Date:  
Office Work Completed By: Date:  
Drawing No.: Filed: To Owner:  
Original: No. of Prints Requested:

The undersigned hereby requests WSB and Associates Inc., to perform the services outlined herein. I further agree that payment for services outlined shall be made at 30 day intervals as charges are incurred and billed unless other arrangements are made and so stated herein. I understand that a finance charge at the rate of 1 1/2% per month on the unpaid balance shall be charged on all accounts over 30 days past the statement date, which is an annual percentage rate of 18%, and that the minimum finance charge will be \$1.00 per month. I certify that if I am not an agent for the owners of the project, that I am personally liable for the cost of the services ordered and if I am an agent for the owner, that I have secured proper authority to insure the cost of the services ordered on their behalf.

Client hereby agrees that, to the fullest extent permitted by law, WSB and Associates Inc., total liability to Client for any and all injuries, claims, losses, expenses or damages whatsoever arising out of or in any way related to the project or this Agreement from any cause or causes including but not limited to WSB and Associates Inc., negligence, errors, omissions, strict liability, breach of contract or breach of warranty shall not exceed the total amount of \$25,000 or the amount of this contract, whichever is greater.

X Signature and Title Print and Sign Date



<b>Item</b>	<b>Estimated Hours or Units</b>	<b>Hourly or Unit Rate</b>	<b>Total Cost</b>
<b><i>Earthwork</i></b>			
Proof Rolling & Report-Parking Lot (MnDOT 2211) (2-Trips)	10 hrs.	\$117 /hr.	\$1,170.00
Density/Compaction Testing-Nuclear Gauge- (ASTM D6938) Engineered Fill/Utility Trench Backfill/Foundation Wall Backfill/Building Slab Subgrade & Sand Cushion (8-Trips)	48 hrs.	\$117 /hr.	\$5,616.00
Proctors/Moisture-Density Relationship of Soil- <b>(Non-Cohesive)</b> (ASTM D698-Standard Proctor) (4- Samples)	8 hrs.	\$83 /hr.	\$664.00
Proctors/Moisture-Density Relationship of Soil- <b>(Cohesive)</b> (ASTM D698-Standard Proctor) (2- Samples)	4 hrs.	\$83 /hr.	\$332.00
Mechanical Sieve Analysis/Gradation (ASTM C117/C136) Select Granular Borrow/Class 5 Aggregate Base (3-Samples)	6 hrs.	\$83 /hr.	\$498.00

***Earthwork Sub-Total*** **\$8,280.00**

<b><i>Cast-In-Place Concrete</i></b>			
Compression Testing of 4" x 8" Concrete Cylinders (1 @ 7 Day, 2 @ 28 Days, 1 Hold)-(ASTM C31 & C39) (15 Sets of 4 Test Cylinders)	12 hrs.	\$83 /hr.	\$996.00
On-Site Concrete Testing, Slump, Air, Temperature, Casting of 4" x 8" Cylinders- 2012 I.B.C. Chapter 17, Section 1704.4) (ASTM C31/ C143/C172/C231/ & C1064) Curb and Gutter/Exterior Sidewalks/Skate Park Pads/Basketball Pad/Bleacher Pads/Dumpster Pads/Concession Park Building Footings-Floor Slab/Storage Garage Slab (15-Trips)	75 hrs.	\$117 /hr.	\$8,775.00

***Cast-In-Place Concrete Sub-Total*** **\$9,771.00**

<b><i>Asphalt Paving</i></b>			
Gyratory Density (AASHTO T312) Mn/DOT Modified, Rice Specific Gravity (ASTM:D2041) Extraction/Gradation (ASTM:D2172 Method E-11), Mn/DOT Modified C136 and C117, Fine Aggregate Angularity (AASHTO T 304, Method A, Mn/DOT 1206.5), Percent Crushed Particles (Mn/DOT 1214.8) (2 Non-wear/2 Wear=4 Samples)	4 ea.	\$500 /ea.	\$2,000.00



Item	Estimated Hours or Units	Hourly or Unit Rate	Total Cost
Bituminous Field Density Testing & Report of Asphalt Base/Wear Course-(ASTM D2950) (2-Trips)	10 hrs.	\$117 /hr.	\$1,170.00

**Asphalt Paving Sub-Total \$3,170.00**

<b>Unit Masonry</b>			
Cast Mortar/Grout Core-Fill Samples-Field Technician (2-Trips)	10 hrs.	\$117 /hr.	\$1,170.00
Compression Testing of 2" x 2" Mortar Cubes (ASTM C31, C109, C270) (1-Set)	2 hrs.	\$83 /hr.	\$166.00
Compression Testing of 3" x 6" Grout/ Core-Fill Samples (ASTM C1019) (1-Set)	2 hrs.	\$83 /hr.	\$166.00

**Unit Masonry Sub-Total \$1,502.00**

<b>Special Structural Inspections</b>			
<b>Special Structural Inspections:</b> Excavation Observation & Report-Site Preparation/Building Footing Subgrade and Floor Slab Sub-grade * <b>Special Inspector/Registered Engineer</b> (2012 I.B.C. Chapter 17, Section 1704.7) (1-Trip)	5 hrs.	\$117 /hr.	\$585.00
<b>Special Structural Inspections:</b> Masonry Reinforcement Inspection/CMU Placement/Grout Space/Flashing/Joint Reinforcement/Bond Beams/Control Joints/Weeps/Anchor Bolts/Head Joints/Bed Joints/Cleanouts/Cold and Hot Weather Masonry Procedures at Shear Walls-2012 I.B.C. Chapter 17, Section 1704.5) * <b>Special Inspector</b> (1-Trip)	5 hrs.	\$117 /hr.	\$585.00
<b>Special Structural Inspections:</b> Concrete Reinforcement Steel Inspections/Concrete Formwork/Concrete Placement, Protection & Curing/Embedded Items/Bolts In Concrete (2012 I.B.C. Chapter 17, Section 1704.4) * <b>Special Inspector</b> (1-Trip)	5 hrs.	\$117 /hr.	\$585.00

**Special Structural Inspections Sub-Total \$1,755.00**

<b>Clerical/Engineering/Field Personnel</b>			
Total Coliform Water Field Testing-Field Technician (1-Trip)	5 hrs.	\$117 /hr.	\$585.00
Total Coliform Analytical Water Lab Testing (1-Sample)	1 ea.	\$10.5 /ea.	\$10.50



<b>Item</b>	<b>Estimated Hours or Units</b>	<b>Hourly or Unit Rate</b>	<b>Total Cost</b>
Project Manager/Site-Project Meetings/Report Review	5 hrs.	\$117 /hr.	\$585.00
Clerical/Report Preparation/Report Copies/Postage	25 hrs.	\$63 /hr.	\$1,575.00
<b><i>Clerical/Engineering/Field Personnel Sub-Total</i></b>			<b><i>\$2,755.50</i></b>

***TOTAL ESTIMATED COST      \$27,233.50***

We have prepared the attached cost estimate based upon our understanding of the project and the plans and specifications available. Our fees for these services will be charged on an hourly or unit price basis. Invoicing will be monthly in accordance with the attached Schedule of Hourly Rates and Charges. Changes in the number of tests or hours will affect the total cost of our services.