


CITY OF MARYSVILLE AGENDA BILL

EXECUTIVE SUMMARY FOR ACTION

CITY COUNCIL MEETING DATE: March 23, 2015

AGENDA ITEM: Sunnyside Well Treatment Facility Project — Professional Services Agreement with MWH Constructors, Inc. for Materials Testing, Special Inspection, On-Call CM Support	
PREPARED BY: Patrick Gruenhagen, Project Manager DEPARTMENT: Engineering	DIRECTOR APPROVAL: 
ATTACHMENTS: <ul style="list-style-type: none">Professional Services Agreement	
BUDGET CODE: 40220594.563000 W1302	AMOUNT: \$75,223.00

SUMMARY:

The City is now poised to begin construction on its Sunnyside Well Treatment Facility Project. Similar to other recent capital improvement projects, the City intends to take the *lead role* in managing day-to-day coordination of construction activities and issues with the general contractor. Among other things, this will include inspection of work to ensure that it is performed in accordance with the contract provisions and overall administration of the construction contract (*change order negotiation; dispute resolution and avoidance; reconciliation of challenges arising from unforeseen conditions, constructability issues, design irregularities; processing of monthly contractor payments; etc.,*).

In order to complement and support the City in its oversight of construction activities, Public Works staff reviewed the qualifications of three firms from its on-call consultant roster that specialize in materials testing and special inspection. Specifically, the firms came to include Terracon Consultants, Inc., MWH Constructors, Inc., and WH Pacific. Ultimately, the City's selection committee concluded that MWH — with its relative strength of experience on similar projects — would be best-equipped to assist the City on this particular project.

Specific elements of work to be undertaken by MWH involve sampling and laboratory testing of soils, aggregate, asphalt, and structural concrete. MWH will also play a key role in providing support to the City's inspection staff during critical phases of the project requiring "special inspections." Notable examples include inspection of structural steel (bolted and welded connections), concrete formwork, reinforcing steel, lateral wood framing, and CMU installation. Lastly, MWH will provide the City with limited *on-call* construction management support on an as-needed basis — to assist with technical issues and other unique challenges that may arise during construction.

MWH impressed the City for having an extremely strong background on projects very similar to the Sunnyside Well Treatment Facility Project, and they appear genuinely enthusiastic about the prospect of working with the City to make the project a success. Staff is confident that the City would be well-served by this contract and therefore recommends that it be considered for approval.

RECOMMENDED ACTION: Staff recommends that Council Authorize the Mayor to sign and execute the attached Professional Services Agreement in the amount of \$75,223.00 with MWH Constructors, Inc.

**PROFESSIONAL SERVICES AGREEMENT BETWEEN
CITY OF MARYSVILLE
AND MWH CONSTRUCTORS, INC.
FOR CONSULTANT SERVICES**

THIS AGREEMENT ("Agreement") is made and entered into by and between the City of Marysville, a Washington State municipal corporation ("City"), and MWH Constructors, Inc., a Colorado corporation ("Consultant").

NOW, THEREFORE, in consideration of the terms, conditions, covenants and performances contained herein, the parties hereto agree as follows:

ARTICLE I. PURPOSE

The purpose of this Agreement is to provide the City with consultant services consisting of **materials testing, special inspection, and limited "on-call" construction management support on the Sunnyside Well Treatment Facility Project**, as described in Article II. The general terms and conditions of the relationship between the City and the Consultant are specified in this Agreement.

ARTICLE II. SCOPE OF SERVICES

The Scope of Services is attached hereto as **Exhibit "A"** and incorporated herein by this reference ("Scope of Services"). All services and materials necessary to accomplish the tasks outlined in the Scope of Services shall be provided by the Consultant unless noted otherwise in the Scope of Services or this Agreement. All such services shall be provided in accordance with the standards of the Consultant's profession.

ARTICLE III. OBLIGATIONS OF THE CONSULTANT

III.1 MINOR CHANGES IN SCOPE. The Consultant shall accept minor changes, amendments, or revision in the detail of the Scope of Services as may be required by the City when such changes will not have any impact on the service costs or proposed delivery schedule. Extra work, if any, involving substantial changes and/or changes in cost or schedules will be addressed as follows:

Extra Work. The City may desire to have the Consultant perform work or render services in connection with each project in addition to or other than work provided for by the expressed intent of the Scope of Services in the scope of services. Such work will be considered as extra work and will be specified in a written supplement to the scope of services, to be signed by both parties, which will set forth the nature and the scope thereof. All proposals for extra work or services shall be prepared by the Consultant at no

cost to the City. Work under a supplemental agreement shall not proceed until executed in writing by the parties.

III.2 WORK PRODUCT AND DOCUMENTS. The work product and all documents produced under this Agreement shall be furnished by the Consultant to the City, and upon completion of the work shall become the property of the City, except that the Consultant may retain one copy of the work product and documents for its records. The Consultant will be responsible for the accuracy of the work, even though the work has been accepted by the City.

In the event that the Consultant shall default on this Agreement or in the event that this Agreement shall be terminated prior to its completion as herein provided, all work product of the Consultant, along with a summary of work as of the date of default or termination, shall become the property of the City. Upon request, the Consultant shall tender the work product and summary to the City. Tender of said work product shall be a prerequisite to final payment under this Agreement. The summary of work done shall be prepared at no additional cost to the City.

Consultant will not be held liable for reuse of documents produced under this Agreement or modifications thereof for any purpose other than those authorized under this Agreement without the written authorization of Consultant.

III.3 TERM. The term of this Agreement shall commence at such time that the City issues Notice to Proceed to the Consultant and shall terminate at midnight, July 31, 2016. The parties may extend the term of this Agreement by written mutual agreement.

III.4 NONASSIGNABLE. The services to be provided by the Consultant shall not be assigned or subcontracted without the express written consent of the City.

III.5 EMPLOYMENT.

a. The term "employee" or "employees" as used herein shall mean any officers, agents, or employee of the of the Consultant.

b. Any and all employees of the Consultant, while engaged in the performance of any work or services required by the Consultant under this Agreement, shall be considered employees of the Consultant only and not of the City, and any and all claims that may or might arise under the Workman's Compensation Act on behalf of any said employees while so engaged, and any and all claims made by any third party as a consequence of any negligent act or omission on the part of the Consultant or its employees while so engaged in any of the work or services provided herein shall be the sole obligation of the Consultant.

c. Consultant represents, unless otherwise indicated below, that all employees of Consultant that will provide any of the work under this Agreement have not ever been retired from a Washington State retirement system, including but not limited to Teacher (TRS), School District (SERS), Public Employee (PERS), Public Safety

(PSERS), law enforcement and fire fighters (LEOFF), Washington State Patrol (WSPRS), Judicial Retirement System (JRS), or otherwise. *(Please indicate No or Yes below)*

AmT No employees supplying work have ever been retired from a Washington state retirement system.

_____ Yes employees supplying work have been retired from a Washington state retirement system.

In the event the Consultant indicates "no", but an employee in fact was a retiree of a Washington State retirement system, and because of the misrepresentation the City is required to defend a claim by the Washington State retirement system, or to make contributions for or on account of the employee, or reimbursement to the Washington State retirement system for benefits paid, Consultant hereby agrees to save, indemnify, defend and hold City harmless from and against all expenses and costs, including reasonable attorney's fees incurred in defending the claim of the Washington State retirement system and from all contributions paid or required to be paid, and for all reimbursement required to the Washington State retirement system. In the event Consultant affirms that an employee providing work has ever retired from a Washington State retirement system, said employee shall be identified by Consultant, and such retirees shall provide City with all information required by City to report the employment with Consultant to the Department of Retirement Services of the State of Washington.

III.6 INDEMNITY.

a. **Indemnification / Hold Harmless.** Consultant shall defend, indemnify and hold the City, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees, arising out of or resulting from the acts, errors or omissions of the Consultant in performance of this Agreement, except for injuries and damages caused by the sole negligence of the City.

b. The Agreement is subject to RCW 4.24.115 and, in the event that a court of competent jurisdiction determines that liability for damages arising out of bodily injury to persons or damages to property was caused by or resulted from the concurrent negligence of the Consultant and the City, its officers, officials, employees, and volunteers, the Consultant's liability, including the duty and cost to defend, hereunder shall be only to the extent of the Consultant's negligence.

c. The provisions of this section shall survive the expiration or termination of this agreement.

d. For the purposes of the indemnity contained in subpart "A" of this paragraph 3.6, Consultant hereby knowing, intentionally, and voluntarily waives the immunity of the Industrial Insurance Act, Title 51 RCW, solely for the purposes of this

indemnification. This waiver has been mutually negotiated by the parties.

AMT (initials) _____ (initials)

III.7 INSURANCE.

a. **Minimum Limits of Insurance.** The Consultant shall procure, and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work and services hereunder by the Consultant, its agents, representatives, employees or subcontractors. The Consultant shall, before commencing work under this agreement, file with the City certificates of insurance coverage and the policy endorsement to be kept in force continuously during this Agreement, in a form acceptable to the City. Said certificates and policy endorsement shall name the City, its officers, elected officials, agents and/or employees as an additional named insured with respect to all coverages except professional liability insurance and workers' compensation.

b. **Minimum Scope of Insurance - Consultant shall obtain insurance of the types described below:**

- (1). Automobile Liability insurance covering all owned, non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.
- (2). Commercial General Liability insurance shall be written on ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, independent contractors and personal injury and advertising injury. The City shall be named as an insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the City.
- (3). Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.
- (4). Professional Liability insurance appropriate to the Consultant's profession.

c. **The minimum insurance limits shall be as follows:**

- (1) Comprehensive General Liability. \$1,000,000 combined single limit per occurrence for bodily injury personal injury and property damage; \$2,000,000 general aggregate.

(2) Automobile Liability. \$1,000,000 combined single limit per accident for bodily injury and property damage.

(3) Workers' Compensation. Workers' compensation limits as required by the Workers' Compensation Act of Washington.

(4) Professional Liability/Consultant's Errors and Omissions Liability. \$1,000,000 per claim and \$1,000,000 as an annual aggregate.

d. **Notice of Cancellation.** In the event that the Consultant receives notice (written, electronic or otherwise) that any of the above required insurance coverage is being cancelled and/or terminated, the Consultant shall immediately (within forty-eight (48) hours) provide written notification of such cancellation/termination to the City.

e. **Acceptability of Insurers.** Insurance to be provided by Consultant shall be with a current A.M.Best's rating of no less than A:VII, or if not rated by Bests, with minimum surpluses the equivalent of Bests' VII rating.

f. **Verification of Coverage.** In signing this agreement, the Consultant is acknowledging and representing that required insurance is active and current. Consultant shall furnish the City with original certificates and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Consultant before commencement of the work. Further, throughout the term of this Agreement, the Consultant shall provide the City with proof of insurance upon request by the City.

g. **Insurance shall be Primary.** The Consultant's insurance coverage shall be primary insurance as respect the City. Any insurance, self-insurance, or insurance pool coverage maintained by the City shall be excess of the Consultant's insurance and shall not contribute with it.

h. **No Limitation.** Consultant's maintenance of insurance as required by this Agreement shall not be construed to limit the liability of the Consultant to the coverage provided by such insurance or otherwise limit the recourse to any remedy available at law or in equity.

i. **Claims-made Basis.** Unless approved by the City all insurance policies shall be written on an "Occurrence" policy as opposed to a "Claims-made" policy. The City may require an extended reporting endorsement on any approved "Claims-made" policy.

j. **Failure to Maintain Insurance** Failure on the part of the Consultant to maintain the insurance as required shall constitute a material breach of contract, upon which the City may, after giving five business days' notice to the Consultant to correct

the breach, immediately terminate the contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the City on demand, or at the sole discretion of the City, offset against funds due the Consultant from the City.

III.8 DISCRIMINATION PROHIBITED AND COMPLIANCE WITH EQUAL OPPORTUNITY LEGISLATION. The Consultant agrees to comply with equal opportunity employment and not to discriminate against client, employee, or applicant for employment or for services because of race, creed, color, religion, national origin, marital status, sex, sexual orientation, age or handicap except for a bona fide occupational qualification with regard, but not limited to, the following: employment upgrading; demotion or transfer; recruitment or any recruitment advertising; layoff or terminations; rates of pay or other forms of compensation; selection for training, rendition of services. The Consultant further agrees to maintain (as appropriate) notices, posted in conspicuous places, setting forth the provisions of this nondiscrimination clause. The Consultant understands and agrees that if it violates this nondiscrimination provision, this Agreement may be terminated by the City, and further that the Consultant will be barred from performing any services for the City now or in the future, unless a showing is made satisfactory to the City that discriminatory practices have been terminated and that recurrence of such action is unlikely.

III.9 UNFAIR EMPLOYMENT PRACTICES. During the performance of this Agreement, the Consultant agrees to comply with RCW 49.60.180, prohibiting unfair employment practices.

III.10 LEGAL RELATIONS. The Consultant shall comply with all federal, state and local laws and ordinances applicable to work to be done under this Agreement. The Consultant represents that the firm and all employees assigned to work on any City project are in full compliance with the statutes of the State of Washington governing activities to be performed and that all personnel to be assigned to the work required under this Agreement are fully qualified and properly licensed to perform the work to which they will be assigned. This Agreement shall be interpreted and construed in accordance with the laws of Washington. Venue for any litigation commenced relating to this Agreement shall be in Snohomish County Superior Court.

III.11 INDEPENDENT CONTRACTOR.

a. The Consultant and the City understand and expressly agree that the Consultant is an independent contractor in the performance of each and every part of this Agreement. The Consultant expressly represents, warrants and agrees that his status as an independent contractor in the performance of the work and services required under this Agreement is consistent with and meets the six-part independent contractor test set forth in RCW 51.08.195 or as hereafter amended. The Consultant, as an independent contractor, assumes the entire responsibility for carrying out and accomplishing the services required under this Agreement. The Consultant shall make no claim of City

employment nor shall claim any related employment benefits, social security, and/or retirement benefits.

b. The Consultant shall be solely responsible for paying all taxes, deductions, and assessments, including but not limited to federal income tax, FICA, social security tax, assessments for unemployment and industrial injury, and other deductions from income which may be required by law or assessed against either party as a result of this Agreement. In the event the City is assessed a tax or assessment as a result of this Agreement, the Consultant shall pay the same before it becomes due.

c. The City may, during the term of this Agreement, engage other independent contractors to perform the same or similar work that the Consultant performs hereunder.

d. Prior to commencement of work, the Consultant shall obtain a business license from the City.

III.12 CONFLICTS OF INTEREST. The Consultant agrees to and shall notify the City of any potential conflicts of interest in Consultant's client base and shall obtain written permission from the City prior to providing services to third parties where a conflict or potential conflict of interest is apparent. If the City determines in its sole discretion that a conflict is irreconcilable, the City reserves the right to terminate this Agreement.

III.13 CITY CONFIDENCES. The Consultant agrees to and will keep in strict confidence, and will not disclose, communicate or advertise to third parties without specific prior written consent from the City in each instance, the confidences of the City or any information regarding the City or services provided to the City.

III.14 SUBCONTRACTORS/SUBCONSULTANTS.

a. The Consultant is responsible for all work performed by subcontractors/subconsultants pursuant to the terms of this Agreement.

b. The Consultant must verify that any subcontractors/subconsultants they directly hire meet the responsibility criteria for the project. Verification that a subcontractor/subconsultant has proper license and bonding, if required by statute, must be included in the verification process. The Consultant will use the following Subcontractors/Subconsultants:

GeoTest, Inc.

c. The Consultant may not substitute or add subcontractors/subconsultants without the written approval of the City.

d. All Subcontractors/Subconsultants shall have the same insurance coverages and limits as set forth in this Agreement and the Consultant shall provide verification of said insurance coverage.

ARTICLE IV. OBLIGATIONS OF THE CITY

IV.1 PAYMENTS.

a. The Consultant shall be paid by the City for services rendered under this Agreement as described in the Scope of Services and as provided in this section. In no event shall the compensation paid to Consultant under this Agreement exceed **\$75,223.00** without the written agreement of the Consultant and the City. Such payment shall be full compensation for work performed and services rendered and for all labor, materials, supplies, equipment and incidentals necessary to complete the work. In the event the City elects to expand the scope of services from that set forth in Exhibit A, the City shall pay Consultant a mutually agreed amount.

b. The Consultant shall submit a monthly invoice to the City for services performed in the previous calendar month in a format acceptable to the Cities. The Consultant shall maintain time and expense records and provide them to the Cities upon request.

c. The City will pay timely submitted and approved invoices received before the 20th of each month within thirty (30) days of receipt.

IV.2 CITY APPROVAL. Notwithstanding the Consultant's status as an independent contractor, results of the work performed pursuant to this Agreement must meet the approval of the City, which shall not be unreasonably withheld if work has been completed in compliance with the Scope of Services and City requirements.

IV.3 MAINTENANCE/INSPECTION OF RECORDS. The Consultant shall maintain all books, records, documents and other evidence pertaining to the costs and expenses allowable under this Agreement in accordance with generally accepted accounting practices. All such books and records required to be maintained by this Agreement shall be subject to inspection and audit by representatives of the City and/or the Washington State Auditor at all reasonable times, and the Consultant shall afford the proper facilities for such inspection and audit. Representatives of the City and/or the Washington State Auditor may copy such books, accounts and records where necessary to conduct or document an audit. The Consultant shall preserve and make available all such books of account and records for a period of three (3) years after final payment under this Agreement. In the event that any audit or inspection identifies any discrepancy in such financial records, the Consultant shall provide the City with appropriate clarification and/or financial adjustments within thirty (30) calendar days of notification of the discrepancy.

ARTICLE V. GENERAL

V.1 **NOTICES.** Notices to the City shall be sent to the following address:

**Patrick Gruenhagen, Project Manager
City of Marysville Public Works
80 Columbia Avenue
Marysville, WA 98270**

Notices to the Consultant shall be sent to the following address:

**André Tolmé, Area Manager
MWH Constructors
2353 130th Avenue NE, Suite 200
Bellevue, WA 98005**

Receipt of any notice shall be deemed effective three (3) days after deposit of written notice in the U.S. mail with proper postage and address.

V.2 **TERMINATION.** The right is reserved by the City to terminate this Agreement in whole or in part at any time upon ten (10) calendar days' written notice to the Consultant.

If this Agreement is terminated in its entirety by the City for its convenience, the City shall pay the Consultant for satisfactory services performed through the date of termination in accordance with payment provisions of Section VI.1.

V.3 **DISPUTES.** The parties agree that, following reasonable attempts at negotiation and compromise, any unresolved dispute arising under this Agreement may be resolved by a mutually agreed-upon alternative dispute resolution of arbitration or mediation.

V.4 **EXTENT OF AGREEMENT/MODIFICATION.** This Agreement, together with attachments or addenda, represents the entire and integrated Agreement between the parties and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement may be amended, modified or added to only by written instrument properly signed by both parties.

V.5 **SEVERABILITY**

a. If a court of competent jurisdiction holds any part, term or provision of this Agreement to be illegal or invalid, in whole or in part, the validity of the remaining provisions shall not be affected, and the parties' rights and obligations shall be construed and enforced as if the Agreement did not contain the particular provision held to be invalid.

b. If any provision of this Agreement is in direct conflict with any statutory provision of the State of Washington, that provision which may conflict shall be deemed inoperative and null and void insofar as it may conflict, and shall be deemed modified to

EXHIBIT "A"

Scope of Services

Materials Testing, Special Inspection and On-Call Construction Management
for the Sunnyside Well Treatment Facility

MWH Constructors, Inc. ("MWHC" or "Consultant") will provide Materials Testing, Special Inspection and On-Call Construction Management Services for the Sunnyside Well Treatment Facility Project ("Project") for the City of Marysville, Washington ("Owner" or "City"). The services are expected to be provided for approximately twelve months, beginning in April 2015.

Task 1 – Project Management

- 1.1 Maintain controls over budget and scope to see that scope is efficiently executed and delivered within budget. Maintain log of changes to scope and notify the District if budget is impacted by scope changes. Submit invoices each month showing total work order amount, amount previously billed, current billing, and amount remaining. Invoices to include detail of all employees working on the project each month with dates and hours worked.
- 1.2 Establish subconsultant agreements and manage subconsultants' work. Coordinate subconsultants' work on site to meet the project schedule.

Task 2 – Materials Testing and Special Inspection

- 2.1 Perform materials testing and special inspections as follows: Earthwork in-situ materials tests and laboratory tests; Asphalt in-situ and laboratory tests; Concrete special inspection, site tests, and laboratory tests; Masonry special inspection, site tests, and laboratory tests, Structural steel special inspections; and wood framing special inspections. The number of tests and site visits for inspection are limited to those provided in the attached Scope of Work for GeoTest Services Inc.

Task 3 – Construction Management Services

- 3.1 Provide on-call construction management included site observations, contract administration assistance, and site inspections for compliance with specific items of work. The amount of each service, defined by labor classification, is to be determined by the City. Budget has been provided for several labor classifications and an assumed number of hours for budgeting purposes.



MWH

CONSTRUCTORS

Assumptions to be made part of the agreed Scope of Services:

- Schedule for the project is expected to be from April 2015 through April 2016.
- MWHC personnel and subconsultants will be provided with a complete set of project documents including drawings, specifications, and project permits as needed for execution of the scope of services.
- MWHC will provide the vehicle, safety equipment, cell phone, computer, and tools for performance of the construction management work. GeoTest will charge for mileage to the site but will provide their own safety equipment, cell phone, computer, and tools.
- The standard of care applicable to MWHC's Services will be the degree of skill and diligence normally employed by professional consultants performing the same or similar services at the time and location said Services are performed.
- MWHC is not responsible for the work performance of the construction contractor and has no contractual relationship with the construction contractor.

GeoTest Services Inc.
Arlington Branch

Sunnyside Well Treatment Facility
Marysville, WA
Conceptual Scope & Budget Special Inspection & Materials Testing

GeoTest is pleased to submit this cost estimate for the above project. Based on a review of the plans and specifications, we believe that the costs for construction special inspection and testing will be approximately \$26,203 for the scope of work detailed below. *This is a time and materials estimate intended for budgeting purposes. Our costs are a direct reflection of the project construction schedule. Our client will only be billed for actual services rendered to the project.*

EARTHWORK

Periodic inspection during preparation of building and pavement subgrades.
Perform field in-place density tests for structural fills/backfills at building, parking and utilities.
Perform laboratory sieve/proctors as needed.

Test/Inspection Item	Visits	Hours per Visit	Number of Tests	Unit Rate	Total
Density Testing/Observation - Utilities	10	4		\$65	\$2,600
Density Testing/Observation - Pavements & Walks	5	4		\$65	1,300
Density Testing/Observation - Building Pad	2	4		\$65	520
Sample Pick-Up and Processing	2	2		\$60	240
Lab: Sieve/Proctor			4	\$235	940
Lab: Sand Equivalent			2	\$80	160
Lab: Percent Fracture			2	\$60	120
Subtotal					\$5,880

ASPHALT

Test and inspect asphalt at the site during paving.
Assumes a gauge correlation will not be used.
Perform laboratory extraction/gradation, rice density and related testing in accordance with WSDOT test methods.

Test/Inspection Item	Visits	Hours per Visit	Number of Tests	Unit Rate	Total
Compaction Tests - HMA Asphalt Paving	3	8		\$65	\$1,560
Lab: Asphalt Extraction/Gradation			3	\$225	675
Lab: Asphalt Rice Density			3	\$80	240
Sample Pick-Up and Processing	3	2		\$60	360
Subtotal					\$2,835

CONCRETE

Periodic inspection of reinforcing steel placement, anchor bolt placement, and formwork.
Continuous inspection during placement, including sampling, slump, air, temperature and taking concrete specimens.
Test concrete for compressive strength.

Test/Inspection Item	Visits	Hours per Visit	Number of Tests	Unit Rate	Total
Vault	2	4		\$60	\$480
Footings	2	4		\$60	480
Stem Walls	2	4		\$60	480
Slab-On-Grade	2	6		\$60	720
Generator Support Slab	1	4		\$60	240
Misc. Pours	2	4		\$60	480
Proprietary Anchors	4	4		\$60	960
Separate Rebar Inspections	4	4		\$60	960
Sample Pickup and Processing	8	2		\$60	960
Concrete Compression Tests	11 sets x 5 ea.		55	\$24	1,320
Subtotal					\$7,080

GeoTest Services Inc.
Arlington Branch

MASONRY

Periodic Inspection of reinforcing steel, and CMU placement.
Continuous inspection during grout placement.
Sample and test compressive strength of mortar, grout and prisms.

Test/Inspection Item	Visits	Hours per Visit	Number of Tests	Unit Rate	Total
Inspection	14	6		\$60	\$5,040
Sample Pickup and Processing	4	2		\$60	480
Mortar Compression Tests (every 2,000 sq. ft.)	4 set x 3 ea		12	\$24	288
Grout Compression Tests (every 2,000 sq. ft.)	4 set x 3 ea		12	\$24	288
Prism Compression Tests (every 5,000 sq. ft.)	2 set x 3 ea		6	\$100	600
Subtotal					\$6,696

STRUCTURAL STEEL

Periodic inspection of all bolted and welded connections.

Test/Inspection Item	Visits	Hours per Visit	Number of Tests	Unit Rate	Total
Structural Steel Inspections	3	4		\$60	\$720
Subtotal					\$720

LATERAL FRAMING (WOOD)

Periodic Inspection of strap nailing, shearwall, and diaphragm nailing.

Test/Inspection Item	Visits	Hours per Visit	Number of Tests	Unit Rate	Total
Structural Steel Inspections	4	4		\$60	\$960
Subtotal					\$960

OTHER

Test/Inspection Item	Visits	Hours	Unit Rate	Total
Project Manager		10	\$80	\$800
Mileage Charge (26 mi x 0.60/mi = \$16/trip)	77		\$16	1,232
Subtotal				\$2,032

Total Estimate	\$26,203
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Sunnyside Well Treatment Facility

Materials Testing, Special Inspection and On-Call Construction Management Services

Date of Budget proposal: March 3, 2015

MWH Proposal Task Description	Personnel	Rate	Task 1		Task 2		Task 3		TOTALS	
			Project Management		Materials Testing and Special Inspection		Construction Management			
			Hours	Amount	Hours	Amount	Hours	Amount		
Labor Category										
Principal/Project Manager	A. Tolme	\$150.00	36	\$5,400	0	\$0	0	\$0	36	\$5,400
Construction Manager / Senior Inspector	B. Barnes	\$145.00	0	\$0	0	\$0	160	\$23,200	160	\$23,200
Project Controls Engineer	K. McLean	\$120.00	0	\$0	0	\$0	40	\$4,800	40	\$4,800
Inspector	TBD	\$125.00	0	\$0	0	\$0	80	\$10,000	80	\$10,000
Administrative Assistant	TBD	\$75.00	0	\$0	0	\$0	40	\$3,000	40	\$3,000
Labor Cost			36	\$5,400	0	\$0	320	\$41,000		\$46,400

Subconsultants and Other Direct Costs (ODCs):

	Task 1		Task 2		Task 3		TOTALS BUDGETED
	Hours	Amount	Hours	Amount	Hours	Amount	
GeoTest Services, Inc.		\$0		\$26,203		\$0	\$26,203
Mileage (included in hourly rates)		\$0		\$0		\$0	\$0
		\$0		\$0		\$0	\$0
ODC Totals		\$0		\$26,203		\$0	\$26,203
Overhead Cost on Subs and ODC's at 10%		\$0		\$2,620		\$0	\$2,620
Task Totals		\$5,400		\$28,823		\$41,000	\$75,223

Notes:

- Labor costs include costs for project vehicles, safety equipment, cell phones, home office overhead, and computer equipment.
- Labor rates are in effect until April 1, 2016. Thereafter, they will escalate at 3% per year.