# AGREEMENT

THIS AGREEMENT, made and entered into this \_\_\_\_\_day of \_\_\_\_\_, 2013, by and between the City of Reno and the City of Sparks, hereinafter referred to as the "CLIENT", and Stantec Consulting Services, Inc., hereinafter referred to as "ENGINEER":

#### WITNESSETH:

WHEREAS, CLIENT desires to engineering support services for the TMWRF Headworks Near-Term Project, hereinafter referred to as "Project";

WHEREAS, public convenience and necessity require the services of a consulting engineer to provide the services required;

WHEREAS, the CLIENT has found ENGINEER qualified and experienced in the performance of said services;

WHEREAS, the CLIENT is desirous of engaging the services of ENGINEER to perform said services; and

NOW, THEREFORE, said CLIENT and said ENGINEER, for the considerations hereinafter set forth, mutually agree as follows:

#### **ARTICLE I - SERVICES**

CLIENT agrees to retain and does hereby retain ENGINEER to perform the professional engineering services hereinafter more particularly described, with such services to commence on the date of the execution of this Agreement and to continue until the completion of the work provided for herein.

ENGINEER hereby agrees to perform the professional services as set forth herein and to furnish or procure the use of incidental services, equipment, and facilities necessary for the completion of said engineering services.

ENGINEER has the status of an independent contractor as defined in NRS 333.700 and shall not be entitled to any of the rights, privileges, benefits, and emoluments of either an officer or employee of CLIENT. ENGINEER shall undertake performance of services as independent contractor and shall be wholly responsible for the methods of performance and for their performance.

# ARTICLE II - SCOPE OF SERVICES

The Scope of Services is set forth in Exhibit A as attached hereto and incorporated herein by this reference which consists of 12 pages setting forth tasks and the schedule of tasks.

# ARTICLE III - COMPENSATION

Payment for the engineering services hereinabove set forth shall be made by the CLIENT to the ENGINEER and shall be considered as full compensation for all personnel, materials, supplies, and equipment used in carrying out the work.

A. Compensation to the ENGINEER shall be on the basis of time and expense as set forth in Exhibit A attached hereto and incorporated herein by this reference.

B. Payments shall be made by the CLIENT based on itemized invoices from the ENGINEER which lists costs and expenses. Such payments shall be for the invoice amount.

C. CLIENT shall pay ENGINEER within 30 days of receipt by CLIENT of ENGINEER's invoice. If CLIENT disputes only portions of an invoice, CLIENT agrees to pay for undisputed items on that invoice within the time provided herein. Payment by CLIENT of invoices or request for payment shall not constitute acceptance by CLIENT of work performed under the Agreement by the ENGINEER. ENGINEER shall invoice the City of Reno for the full amount. The City of Reno will invoice the City of Sparks for reimbursement of their share of fees and costs.

D. The budget for total charges for services authorized by this Agreement is \$633,702.00 and shall not be exceeded without authorization of the CLIENT. The City of Reno's share is the sum of \$434,910.00 and the City of Spark's share is the sum of \$198,792.00. The budget may be increased by amendment hereto if necessitated by a change in the scope of services which increases the cost of providing the services. ENGINEER is not authorized to provide any additional services beyond the scope of work without having authorized funding pursuant to a written amendment hereto signed by the authorized representative of the governing body.

# ARTICLE IV - SCHEDULE OF WORK

ENGINEER will commence the services as described immediately following the Notice to Proceed provided to the ENGINEER by the CLIENT and will proceed with such services in a diligent manner. ENGINEER will not be responsible for delays caused by factors beyond ENGINEER's control and will not be responsible for delays caused by factors which could not reasonably have been foreseen at the time the Agreement was approved.

# ARTICLE V - ASSIGNMENT OF AGREEMENT

The ENGINEER SHALL not assign this Contract or any portion of the work without prior written approval of the CLIENT which may be withheld for any reason whatsoever.

# ARTICLE VI- OWNER'S RESPONSIBILITY

CLIENT shall provide any information in its possession that is requested by ENGINEER and is necessary to complete the Project. CLIENT shall assist ENGINEER in obtaining access to public and private lands to allow the ENGINEER to perform the work under this Agreement. CLIENT shall examine all studies, reports, sketches, estimates, specifications, drawings, proposals, and other documents presented by the ENGINEER and shall render decisions pertaining thereto within a reasonable time so as not to delay the work of the ENGINEER.

# ARTICLE VII - NONDISCLOSURE OF PROPRIETARY INFORMATION

ENGINEER shall consider all information provided by CLIENT to be proprietary unless such information is available from public sources. ENGINEER shall not publish or disclose proprietary information for any purpose other than the performance of the Services without the prior written authorization of CLIENT or in response to legal process or as required by the regulations of public entities.

# **ARTICLE VIII - NOTICE**

Any notice, demand, or request required by or made pursuant to this Agreement shall be deemed properly made if personally delivered in writing or deposited in the United States mail, postage prepaid, to the address specified below:

To ENGINEER: John P. Enloe, P.E. Principal Stantec Consulting Services, Inc. 6980 Sierra Center Parkway, Suite 100 Reno, NV 89511

To: CLIENT Neil C. Krutz, P.E. Community Services Director City of Sparks If by personal service 431 Prater Way Sparks, NV 89431 If by mail PO Box 857 Sparks, NV 89432 To CLIENT: John Flansberg, P.E. Director of Public Works City of Reno If by personal service 1 East First Street Reno, NV 89501 If by mail P.O. Box 1500 Reno, NV 89505 Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of ENGINEER and CLIENT.

# ARTICLE IX - UNCONTROLLED FORCES

Neither CLIENT nor ENGINEER shall be considered to be in default of this Agreement, if delays in or failure of performance shall be due to uncontrollable forces the effect of which, by the exercise of reasonable diligence, the non-performing party could not avoid and is not reasonably foreseeable at the time of entering into this Agreement. The term "uncontrollable forces" shall mean any event which results in the prevention or delay of performance by a party of it's obligations under this Agreement and which is beyond the control of the non-performing party. It includes, but is not limited to, fire, flood, earthquakes, storms, lightning, epidemic, war, riot, civil disturbance, sabotage, inability to procure permits, licenses, or authorizations from any state, local, or federal agency or personal for any of the supplies, material, accesses, or services required to be provided by either CLIENT or ENGINEER under this Agreement, strikes, work slowdowns or other labor disturbances, and judicial restraint. ENGINEER shall be paid for services performed prior to the delay.

Neither party shall, however, be excused from performance if nonperformance is due to uncontrollable forces, which are removable. The provisions of this Article shall not be interpreted or construed to require ENGINEER or CLIENT to prevent, settle, or otherwise avoid a strike, work slowdown, or other labor action. The non-performing party shall upon being prevented or delayed from performance by an uncontrollable force immediately give written notice to the other party describing the circumstances and uncontrollable forces preventing continued performance of the obligation of this Agreement.

# ARTICLE X- GOVERNING LAW

This Agreement shall be governed by and construed pursuant to the laws of the State of Nevada. In the event suit is commenced hereunder and in accordance with the Dispute Resolution Procedures of Article XXII, the suit shall be brought in the appropriate court in Washoe County, State of Nevada. In the event of an arbitration or mediation pursuant to Article XXII, such arbitration or mediation shall be held in Reno, Nevada.

# ARTICLE XI - SUCCESSORS AND ASSIGNS

CLIENT and ENGINEER each binds itself and their successors, and assigns to the other party to this Agreement and to the successors, and assigns of such other party, in respect to all covenants, agreements and obligations or this Agreement.

# ARTICLE XII - ASSIGNMENT

Neither CLIENT nor ENGINEER shall assign, sublet, or transfer any rights under interest in (including, but without limitation, monies that may become due or monies that are due) this Agreement without the written consent of the other, except to the extent that the effect of this

limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent ENGINEER from employing such independent consultants, associates, and subconsultants as she may deem appropriate to assist her in the performance of the Services hereunder.

# ARTICLE XIII - INDEMNIFICATION

To the fullest extent permitted by law, ENGINEER shall defend, indemnify and hold harmless CLIENT and its officers, employees and agents (collectively "Indemnitees") from any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees, that are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the ENGINEER or employees or agents of the ENGINEER in the performance of this Agreement.

ENGINEER assumes no liability for the negligence or willful misconduct of any indemnitee or other consultants of indemnitee.

ENGINEER'S indemnification obligations for claims involving Professional Liability (claims involving acts, error, or omissions in the rendering of professional services and Economic Loss Only (claims involving economic loss which are not connected with bodily injury or physical damage to property) shall be limited to the proportionate extent of ENGINEER'S negligence or other breach of duty.

If CLIENT's personnel (engineers or other professionals) are involved in defending such legal action, ENGINEER shall also reimburse CLIENT for the time spent by such personnel at the rate charged for such services by private professionals. These provisions shall survive termination of this agreement and shall be binding upon ENGINEER, her legal representatives, heirs, successors and permitted assigns.

If ENGINEER'S insurer does not so defend the CLIENT and the ENGINEER is adjudicated to be liable, reasonable attorney's fees and costs shall be paid to CLIENT in an amount proportionate to the liability of ENGINEER.

# ARTICLE XIV - INTELLECTUAL PROPERTY INDEMNITY

To the fullest extent permitted by law, ENGINEER shall defend, protect, hold harmless, and indemnify CLIENT and the CLIENT'S related Parties from and against any and all liability, loss, claims, demands, suits, costs, fees and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants), by whomsoever brought or alleged, for infringement of patent rights, copyrights, or other intellectual property rights, except with respect to designs, processes or products of a particular manufacturer expressly required by CLIENT in writing. If ENGINEER has reason to believe the use of a required design, process or product is an infringement of a patent, ENGINEER shall be responsible for such loss unless such

information is promptly given to CLIENT. This Indemnity Covenant shall survive the termination of this Agreement.

# ARTICLE XV – PAYMENT OF TAXES

Any and all Federal, State and local taxes, charges, fees, or contributions required by law to be paid with respect to ENGINEER'S performance of this Agreement (including, without limitation, unemployment insurance, social security, and income taxes).

# ARTICLE XVI - INSURANCE

# GENERAL REQUIREMENTS

The CLIENT requires that ENGINEER purchase Industrial Insurance, General Liability, and Engineer's Errors and Omissions Liability Insurance as described below against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the ENGINEER, its agents, representatives, employees or subconsultants. The cost of such insurance shall be borne by ENGINEER unless otherwise agreed.

# INDUSTRIAL INSURANCE

It is understood and agreed that there shall be no Industrial Insurance coverage provided for ENGINEER or any Subconsultant by the CLIENT and in view of NRS 616.280 and 617.210 requiring that ENGINEER complies with the provisions of Chapters 616 and 617 of NRS, ENGINEER shall, before commencing work under the provision of this Agreement, furnish to the CLIENT a certificate of insurance from the Worker's Compensation Insurer certifying that the ENGINEER and each Subconsultant have compiled with the provisions of the Nevada Industrial Insurance Act, by providing coverage for each and every employee, subconsultants, and independent contractors.

Upon completion of the project, the contractor shall provide the CLIENT with a Final Certificate for itself and each Subconsultant which is prepared by the State of Nevada Industrial Insurance System. If the ENGINEER or Subconsultants are unlicensed and are a sole proprietor, coverage for the sole proprietor must be purchased and evidence of coverage must appear on the Certificate of Insurance and Final Certificate.

It is further understood and agreed by and between the CLIENT and ENGINEER that ENGINEER shall procure, pay for, and maintain the above mentioned industrial insurance coverage at the ENGINEER's sole cost and expense.

# MINIMUM SCOPE OF LIABILITY INSURANCE

# Coverage shall be at least as broad as: \*

Insurance Services office Commercial General Liability Coverage Occurrence form CG0001 11/85 or Insurance Services Office Comprehensive General Liability form CG0002 Ed 01/73 with the Board Form Comprehensive General Liability Endorsement GL0404. Insurance Services Office Business Auto Coverage form number CA00 01 12/90 covering Automobile Liability code 1 any auto with changes in Business Auto and Trucker's Coverage forms - Insured Contract Endorsement form number CA00 29 12/88.

\*Coverages may be excluded only with prior approval of the CLIENTS' Risk Managers.

Professional Errors and Omissions Liability applying to all activities performed under this Agreement in a form acceptable to CLIENT. ENGINEER will maintain professional liability insurance during the term of this Agreement and for a period of six (6) years from the date of substantial completion of the project. In the event the ENGINEER goes out of business during the term of this Agreement or the six (6) year period described above, ENGINEER shall purchase Extended Reporting coverage for claims arising out of ENGINEER's negligence acts, errors and omissions committed during the term of the Professional Liability Policy.

# MINIMUM LIMITS OF INSURANCE

ENGINEER shall maintain limits no less than:

1. General Liability: \$2 million combined single limit per occurrence for bodily injury, personal injury and property damage and \$2 million annual aggregate.

2. ENGINEER's Errors and Omissions Liability: \$2 million per claim and \$2 million as an annual aggregate during the term of this Agreement and for six years after the completion of the project, with each subsequent renewal having a retroactive date which predates the date of this Agreement. The ENGINEER may purchase project insurance or obtain a rider on her normal policy in an amount sufficient to bring ENGINEER's coverage up to minimum requirements, said additional coverage to be obtained at no cost to the CLIENT. Should the CLIENTS' Risk Managers require project insurance, project insurance shall be purchased and premium costs shall be borne by the CLIENT. CLIENT retains option to purchase project insurance through the ENGINEER's insurer or through its own source.

# DEDUCTIBLES

Any deductibles must be declared to and approved by the CLIENT Risk Management Divisions. The CLIENT reserves the right to request additional documentation, financial or otherwise prior to giving its approval of the deductibles. Any changes to the deductible made during the term of this Agreement or during the term of any policy, must be approved by the CLIENTS' Risk Managers.

# OTHER INSURANCE PROVISIONS

# General Liability Coverages

The CLIENT, its officers, officials, employees and volunteers are to be covered as insured as respects: liability arising out of activities performed by or on behalf of the ENGINEER including the insured's general supervision of the ENGINEER; products and completed operations of the ENGINEER; or premises owned, occupied or used by the ENGINEER. The coverage shall contain no special limitations on the scope of protection afforded to the CLIENT, its officers, officials, employees or volunteers.

The ENGINEER's insurance coverage shall be primary insurance as respects the CLIENT, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the CLIENT, its officers, officials, employees or volunteers shall be excess of the ENGINEER's insurance and shall not contribute with it in any way.

Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the CLIENT, its officers, officials, employees or volunteers.

The ENGINEER's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

The ENGINEER's insurance coverage shall be endorsed to state that coverage shall not be suspended, voided, canceled or non-renewed by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the CLIENT.

# ACCEPTABILITY OF INSURERS

Insurance is to be placed with an A.M. Best and Company rating level of A - Class VII or better, or otherwise approved by the CLIENT in its sole discretion. CLIENT reserves the right to require that ENGINEER'S insurer be a licensed and admitted insurer in the State of Nevada, or on the Insurance Commissioner's approved but not admitted lists.

# VERIFICATION OF COVERAGE

ENGINEER shall furnish the CLIENT with certificates of insurance, including but not limited to the Certificate of Compliance in NRS 616B.627 and with original endorsements affecting coverage required by this article. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf and must be countersigned by a duly appointed and licensed resident agent in this state. The certificates are to be on forms approved by the CLIENT. All certificate and endorsements are to be received and approved by the CLIENT before work commences. The CLIENT reserves the right to require complete, certified copies of all required insurance policies, at any time.

# **SUBCONSULTANTS**

ENGINEERS shall require all subconsultants to be insured on their own or under its policies and shall furnish separate certificates and endorsement for each subconsultant. Coverages for subconsultants shall be subjected to all of the requirements stated herein.

# Miscellaneous Conditions

If the ENGINEER or any Subconsultant fails to maintain any of the insurance coverages required, the CLIENT may terminate this Agreement for cause.

ENGINEER shall be responsible for and remedy all damage or loss to any property, including property of CLIENT, caused in whole or in part by the ENGINEER, any subconsultant, or any employee, directed or supervised by ENGINEER, except damage of loss attributable to faulty drawings or specifications.

Nothing herein contained shall be construed as limiting in any way to the extent to which the ENGINEER may be held responsible for payment for damages to persons or property resulting from her operations or the operations of any subconsultant under her.

If ENGINEER's failure to maintain the required insurance coverage results in a breach of this Agreement, CLIENT may purchase the required coverage, and without further notice to ENGINEER, deduct from sums due to ENGINEER any premium cost advanced by CLIENT for such insurance.

# ARTICLE XVII - LITIGATION

This Agreement does not require the ENGINEER to prepare for or appear in litigation on behalf of The CLIENT, or as agent of the CLIENT, other than specified herein, except in consideration of additional reasonable compensation.

# ARTICLE XVIII - TERMINATION OF WORK

Either party to this Agreement may terminate the Agreement for cause upon giving the other party thirty (30) days prior written notice. Cause may include, failure to perform through no fault of the party initiating the termination. In addition, CLIENT may terminate the Agreement for any one of the following causes: performance by ENGINEER which CLIENT deems unsatisfactory in CLIENT's sole judgment; and CLIENT's lack of funds to complete the work. Cause for ENGINEER may include, failure of CLIENT to make timely payment to ENGINEER without good cause, following a demand for payment.

In addition, CLIENT may terminate any or all of the work covered by this Agreement by notifying ENGINEER in writing. In the event such termination occurs at the conclusion of services pursuant to an executed task order, then ENGINEER shall be entitled to receive compensation for all work satisfactorily completed and performed through the conclusion of that

task order. No other changes or costs incurred for services or materials other than pursuant to an executed task order shall be reimbursed by CLIENT pursuant to this Agreement. In the event such termination occurs during the performance of services pursuant to an authorized task order, then ENGINEER and CLIENT shall need to determine what, if any additional services should be performed by ENGINEER in order to close out the work in progress and provide any such unfinished materials to CLIENT. ENGINEER and CLIENT shall agree upon the additional amount of work to be performed following the termination notice and the amount payable by CLIENT for such work. In the event that the parties cannot otherwise agree on the amount to be paid pursuant to this provision, then the matter may be referred to the Dispute Resolution Procedure in ARTICLE XXII.

In the event the Agreement is terminated by CLIENT for cause, including performance deemed unsatisfactory by CLIENT, or ENGINEER failure to perform, or other cause created by ENGINEER, CLIENT may withhold and offset against any payments otherwise due and/or seek recovery from ENGINEER for amounts already paid, including without limitation: amounts paid for unsatisfactory work or work not done in accordance with this Agreement; value of CLIENT's time spent in correcting the work or problem; any increase in cost resulting from the problem or work; and any other costs which result from such termination.

ENGINEER expressly agrees that this Agreement shall be terminated immediately if for any reason local, federal and/or State Legislature funding ability to satisfy this Agreement is withdrawn, limited, or impaired.

# ARTICLE XIX - PROFESSIONAL SERVICES

ENGINEER shall be responsible for the professional quality and technical accuracy of all services furnished by ENGINEER and their subconsultants under this Agreement. Without limiting the effect of any other provision of this Agreement and in addition to any other provision contained herein, ENGINEER shall, without additional compensation, correct or revise any errors or omissions in their services.

ENGINEER and their subconsultants retained pursuant to this Agreement are considered by CLIENT to be skilled in their profession to a degree necessary to perform the services and duties contained in this Agreement, and CLIENT hereby relies upon those skills and the knowledge of ENGINEER and their subconsultants. ENGINEER and their subconsultants shall perform such professional services and duties as contained in this Agreement in conformance to and consistent with the standards generally recognized as being employed by professionals of their caliber in the State of Nevada. ENGINEER makes no warranty, either expressed or implied, as to their findings, recommendations, specifications or professional advice other than as provided herein.

Neither CLIENTS' review, approval, or acceptance of nor payment for any of the professional services or work required under this Agreement shall be construed to operate as a waiver of any of CLIENTS' rights under of this Agreement. The rights and remedies of CLIENT provided for under this Agreement are in addition to any other rights and remedies provided by law.

Project information including but not limited to reports, written correspondence, and verbal reports will be prepared for the use of the CLIENT. The observations, findings, conclusions and recommendation made represent the opinions of the ENGINEER. Reports, records, and information prepared by others will be used in the preparation of the report. The ENGINEER has relied on the same to be accurate and does not make any assurances, representations, or warranties pertaining to the records or work of others, except for its subconsultants, nor does the ENGINEER make any certifications or assurances except as explicitly provided in writing. No responsibility is assumed by the ENGINEER for use of reports for purposes of facility design by others.

# ARTICLE XX - RIGHTS OF ENGINEERS AND EMPLOYEES

No personnel employed by ENGINEER shall acquire any rights or status in the CLIENT services and ENGINEER shall be responsible in full for payment of its employees, including insurance, deductions, and all the like.

# ARTICLE XXI - SERVICES BY CLIENT

It is understood and agreed that the CLIENT shall, to the extent reasonable and practicable, assist and cooperate with the ENGINEER in the performance of ENGINEER's services hereunder. Such assistance and cooperation shall include, but not necessarily be limited to, environmental approval, right of access to work sites; providing material available from the CLIENT's files such as maps, As-Built drawings, records, and operation and maintenance information; serving all notices, holding all hearings, and fulfilling legal requirements in connection therewith; and rendering assistance in determining the location of existing facilities and improvements which may be affected by the project.

# ARTICLE XXII - DISPUTE RESOLUTION PROCEDURE

1. If disputes arise under this Agreement, the parties agree to attempt to resolve such disputes through direct negotiations or if such negotiations are not successful, by non-binding mediation conducted in accordance with the rules and procedures to be agreed upon by the parties.

2. The prevailing party in an action to enforce the Agreement shall be entitled to recover its reasonable attorney's fees and costs. It is specifically agreed that a reasonable attorney's fee shall be \$125 per hour.

# ARTICLE XXIII - NO UNFAIR EMPLOYMENT PRACTICES

1. In connection with the performance of work under this Agreement, Engineer agrees not to discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, sexual orientation or age. Such Agreement shall include, but not be limited to, the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment

advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

2. ENGINEER further agrees to insert this provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

3. Any violation of these provisions by ENGINEER shall constitute a material breach of contract.

4. As used in this Article, sexual orientation means having or being perceived as having an orientation for heterosexuality, homosexuality or bi-sexuality.

# ARTICLE XXIV - AMERICANS WITH DISABILITIES ACT

1. ENGINEER and its subconsultants shall comply with the terms, conditions, and requirements of the Americans with Disabilities Act of 1990 (P.L. 101-136), 42 U.S.C. 12101, as amended, and regulations adopted thereunder contained in 28 C.F.R. 26.101-36.999, inclusive, and any relevant program-specific regulations.

# ARTICLE XXV - GENERAL PROVISIONS

1. Integration. This Agreement, including the Exhibits and the Recitals, all of which are true and correct and are incorporated by reference as a part of this Agreement, constitutes the complete and integrated Agreement between the parties with respect to the matters recited herein, and supersedes any prior or contemporaneous written or oral agreements or understandings with respect thereto.

2. Severability. The legality of any provision or portion of this Agreement shall not affect the validity of the remainder.

3. Amendment. This Agreement shall not be modified, amended, rescinded, canceled, or waived, in whole or in part, except by written amendment signed by duly authorized representatives of the parties.

4. No Third Party Benefit. This Agreement is a contract between CLIENT and ENGINEER and nothing herein is intended to create any third party benefit.

5. Governing Law and Jurisdiction. This Agreement shall be administered and interpreted under the laws of the State of Nevada. Any action at law, suit in equity or judicial proceeding for the enforcement of this Agreement or any provision thereof shall be instituted only in the district courts of the State of Nevada, County of Washoe.

# ARTICLE XXVI - DUE AUTHORIZATION

Each party represents that all required authorizations have been obtained to execute this grant and for the compliance with each and every term hereof. Each person signing this Agreement warrants and represents to the other party that he or she has actual authority to execute this Agreement on behalf of the party for whom he or she is signing. A facsimile signature on this Agreement shall be treated for all purposes as an original signature.

Duplicate originals. This Agreement is executed in one duplicate original for each party hereto, and is binding on a party only when all parties have signed and received a duplicate original.

IN WITNESS WHEREOF, CLIENT has caused this Agreement to be executed by the City of Reno and ENGINEER have caused this Agreement to be executed, all as of the day and year first above written.

CITY OF RENO

ATTEST:

By:\_\_\_

By: \_\_\_\_

Robert A. Cashell, Sr., Mayor

APPROVED AS TO FORM:

By: \_\_\_\_

Susan Ball Rothe Deputy City Attorney

CITY OF SPARKS

By:\_\_\_

Geno Martini, Mayor

APPROVED AS TO FORM:

By:\_\_\_

Chet Adams, Sparks City Attorney

ENGINEER

By: \_\_\_\_

John P. Enloe, P.E., Principal

ATTEST:

By:\_\_\_\_

Sparks City Clerk

Lynnette Jones, City Clerk



Stantec Consulting Services Inc. 6980 Sierra Center Parkway Suite 100 Reno NV 89511 Tel: (775) 850-0777 Fax: (775) 850-0787

September 3, 2013 File:205300113

David Kershaw, PE Associate Civil Engineer Public Works City of Reno 1 East First Street Reno, Nevada 89501

# Reference: TMWRF Project Scope – Revised Near-Term Project

#### Dear David,

The purpose of this letter is to present our proposed scope of work for the "near term" project at the TMWRF facility. Based on our latest discussions, the scope has been scaled back to a single bid package, with a reduced overall project scope. Our understanding is that this project will be a conventional design-bid-build project, with a single bid package. Tentative schedule is for design to be completed in the fall of this year and early next year, with construction next year. The engineering for this project will be completed under a new agreement.

#### Proposed Project

During the inspection of the headworks facility completed in March, 2013, several major deficiencies were noted that will require repair in the near future. The most urgent items, consisting of replacement and repair of the influent sluice gates and coating of the influent basin concrete, were completed as part of the emergency improvements. The design of the remaining items, together with some additional work, will be completed under this scope of work. This scope includes the following items:

- Odor Control. Design of new odor control facilities for the headworks.
- Concrete Repair. Repair of the influent flumes and other damaged concrete surfaces.
- Coating Installation. Apply corrosion resistant coatings to concrete and steel, including the wet well areas.
- Sluice Gates. Rebuild or replace the existing 30" pump influent sluice gates and the old 48" crossover gate, and install electric operators on the two new influent gates.
- Electrical Improvements. Update existing electrical equipment and lighting in the headworks area.
- Hydraulic System Improvements. Improve the routing of hydraulic cables for the 66" sluice gate operators, as well as the bar screen and auger screw system.
- Replace existing handrails in the headworks and wet well areas.
- Prepare a Septage Receiving Rate Study
- Prepare a Headworks Improvements Study and Master Plan
- Pump Motor Access. Design a catwalk for installation below the motors for better access.

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#### Reference: TMWRF Project Scope - Revised Near-Term Project

Each of these items will be described in more detail below.

#### Scope of Work Description

As directed by City of Reno staff, we propose to complete this work under a new agreement. This project will be broken down into subtasks so that expenditures can be tracked to the individual tasks more readily. Please note this scope of work is for design and bidding services only, and does not include construction services, including inspection, construction administration, or submittal review.

# **TASK 1 – PROJECT MANAGEMENT**

# This task covers project administration and management, including the following items:

Periodic project updates as required or requested.

Project administration, including billing review, general oversight and accounting, and meetings as required.

Project schedule development and maintenance. An overall project schedule for all tasks will be developed, and updated during the progress of the project.

Project Quality Assurance, including review of the design by a senior level Stantec engineer not directly associated with the design.

We estimate that the project design and bidding period will continue for approximately 8 months, with periodic project meetings as necessary. At this time, we anticipate that a total of eight significant meetings involving the primary personnel of the design team will be required.

Deliverables: Minutes from significant meetings, including directions received and documenting major decisions.

# TASK 2 – "NEAR-TERM" PROJECT TECHNICAL MEMORANDA

As input has been received from the staff of the Cities of Reno and Sparks, as well as TMWRF staff, the scope of the current "near term" project has been revised to include a number of different items. In this task we will prepare two Technical Memoranda summarizing the scope of the project for the design portions. The design memos will each include the appropriate design criteria, recommended equipment, preferred location(s), schedule, and Engineer's Opinion of Probable Cost. The specific project items to be included in each memorandum include the following items:

#### Task 2.1 - Odor Control System Memorandum.

This design memo will discuss the available alternatives for odor treatment, as well as providing a recommended design. Field sampling of the level of hydrogen sulfide present will be performed to identify the major sources of the sulfide as well as the contamination levels expected. Possible sites for locating the odor control equipment will be examined, and a recommended site plan included. No computer modeling of the odor generation sources is anticipated at this time, but it could be provided at additional cost if requested by the Owner. The existing ventilation and odor control equipment will

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#### Reference: TMWRF Project Scope – Revised Near-Term Project

be evaluated, and incorporated into the final design where feasible. At this time, we anticipate that it may be cost effective to separate the most contaminated air for treatment and provide untreated ventilation for the remaining air handling. Design criteria will be provided for the recommended alternative(s) as well as the proposed site plan and projected construction cost.

# Task 2.2 - Headworks Near-Term Project Design Memorandum.

This memorandum will include all of the major components expected to be included in the headworks project, excluding only the odor control. At a minimum, it will address the following topics:

- a. Concrete Repair. The existing concrete on the influent flumes has corroded significantly, with more than 3" of structural section lost. The memo will discuss the proposed repair procedure, as well as whether new fiberglass insert flumes may be appropriate. This task will also include a brief hydraulic examination of the existing and proposed flume installation, including whether the flumes have been metering accurately in the past, and whether the accuracy can be restored. Options examined will include both reconstruction of the existing flumes or insertion of prefabricated fiberglass-resin flumes as well as the potential hydraulic impact on the screens caused by additional backwater. The hydraulic effect of the throttling of the influent gates will also be examined.
- b. Coating Installation. The existing and repaired concrete surfaces will be coated following completion of repairs. It is anticipated that in the wet well and flume areas, the repair method will be the same as what was used on the influent chamber, consisting of concrete filler with an epoxy topcoat. In the dry areas above the wet well, existing steel and concrete materials will be cleaned and recoated with epoxy paint. Steel and concrete walkway surfaces will be top-coated with a sand-containing or similar non-skid surface to allow safe working in a wet environment.
- c. Sluice Gates. The existing 48" x 48" sluice gate on the north side of the wet well divider wall and the four existing pump influent 30" sluice gates in the wet well will be removed and replaced with new sluice gates. Also included will be new steady bearings and operator shafts. Also included in the sluice gate scope is the retrofitting of the two new influent chamber slide gates with electric motor operators to allow throttling of the influent sewage at that point.
- d. Electrical Items. Currently there are abandoned conduits in a corroded condition located in the dry area above the wet well. The existing conduits in the area will be evaluated for condition and use, and unused conduits and wires will be removed. Damaged conduit will be replaced. The existing lighting in the wet well will be examined, and additional lighting provided where appropriate. We anticipate that the new lighting provided will utilize LED technology.
- e. Hydraulic System Improvements. Currently the existing influent sluice gates are controlled by a hydraulically operated system. The system controls the

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# Reference: TMWRF Project Scope – Revised Near-Term Project

gates via two hydraulic cylinders, which were rebuilt as part of the emergency project. In this memo, we will examine the remainder of the system and provide recommendations regarding improvements. It is expected that as part of this, the existing hydraulic hose lines will be rerouted into cable trays for better access and maintenance. This task will also include examination of the existing hydraulic operation system for the bar screens and the materials handling augers. We anticipate that the existing hydraulic hoses will be rerouted into a more-organized manifold, and provided with cable tray type conveyance to carry the cables to the equipment in an orderly manner.

- f. Handrail Replacements. Many of the existing handrails are corroded and in need of replacement. Some new handrail will be added as part of the emergency project, and all other handrails in the headworks area will be evaluated or replacement.
- g. Motor Access Catwalk. Current the motors for the influent pumps are located on an intermediate landing approximately 40 feet above the influent pump station floor. Removal of the motors for servicing requires that nuts on the bottom of the motors be removed. This has required an operator to stand at great height in a precarious position. In this task we will provide a design for installation of a catwalk approximately 8 feet below the motors to allow service access to the bottom of the motors.
- h. Bar Screen Discussion. Although the current budget is not expected to allow for immediate replacement or repair of the bar screens, the tech memo will include a discussion of the condition of the current bar screens, as well as provide some alternatives regarding other screens that may be appropriate. The memo will also provide preliminary costs for the bar screen repair or replacement.

The TM's will be issued in draft form for review, and finalized based on the comments received.

# Deliverables: Draft and Final versions of the Technical Memoranda; and minutes summarizing review comments received from staff.

# TASK 3 - SEPTAGE RECEIVING RATE STUDY.

Historically, domestic septage was received at the TMWRF facility directly into the headworks, and currently the septage is being discharged to the wastewater collection system at the denitrification facility in Sparks. Stantec is currently preparing a design for construction of a new septage receiving unit that will be located south of the TMWRF facility, below the No. 2 water tank. The purpose of this study is to examine the historical flow data, examine typical septage characteristics (including BOD, SS, and Total Nitrogen), and calculate a reasonable user fee for the acceptance of the septage. The cost analysis will include the capital cost of construction of the receiving facility and the projected cost for capital replacement and depreciation. We will also incorporate additional information from other consultants as appropriate. At this time, the study will not include an examination of the material received from Hidden Valley Ranch, which is discharged in a different manner directly to the digesters.

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#### Reference: TMWRF Project Scope - Revised Near-Term Project

# Deliverables: Draft and Final versions of the Rate Study, and minutes summarizing review comments received from staff.

#### TASK 4 - HEADWORKS MASTER PLAN STUDY.

As part of the original scope of work for the septage receiving facility, Stantec was tasked with evaluating the existing headworks and equipment and providing long-term recommendations. The inspection of the existing equipment portion of that scope has been completed, but the study portion was deferred for funding and schedule reasons related to the headworks emergency project. Some of the items to be addressed in the headworks study have already been addressed as part of the emergency project, and these will be noted and included in the study. The alternatives developed within this masterplan will be incorporated into the other "near term" projects as appropriate. The remaining portions of the original scope are still appropriate and needed:

#### **Task 4.1 - Process Alternatives**

Stantec will provide a summary of relevant information on the different technology and equipment options available for each major process component. The advantages and disadvantages of each option will be identified, including the ability to retrofit and rehabilitate the existing headworks and assessment of relative capital and operational costs. The evaluation of process alternatives will include the following systems:

- Metering and influent sampling
- Influent screening
- Washer and compactor conveyance equipment
- Grit removal systems
- Odor control
- Electrical systems
- Influent pumping
- Flow equalization and related subsystems (see below)

The flow equalization alternatives will include use of existing basins and constructing new basins, as well as alternatives for basin covers, mixing, odor control, and return pumping systems. Aeration of flow equalization basins will not be considered, as this would result in loss of volatile fatty acids needed for enhanced biological phosphorus removal.

The alternatives analysis will also examine other possible locations for a new headworks, either on the current TMWRF site, or across Steamboat Creek to the west.

The selection and analysis of alternatives in this task will include (where appropriate) task items prepared under other tasks in this agreement or as part of the headworks project, including the sluice gate improvements, pumping improvements, and the flow analyses.

Stantec will coordinate site visits with TMWRF O&M staff (up to two full days) to observe existing installations of the different types of equipment being considered and to discuss operational experience with staff at these installations.

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#### Reference: TMWRF Project Scope – Revised Near-Term Project

Deliverables: Draft Technical Memorandum which presents the findings from this Process Alternatives evaluation and site visits, to be presented in a review workshop. The Final Technical Memorandum will incorporate review workshop comments and preferences.

#### Task 4.2 Rehabilitation and Phasing Alternatives

Using the information and findings developed from previous work and the tasks above, Stantec will conduct a rehabilitation and phasing plan alternatives analysis. Up to four alternative combined configurations of all the interrelated facilities, including two equalization alternatives, will be developed and evaluated, including advantages and disadvantages of each, a general site plan and facility layout, a proposed schedule for rehabilitation and facility improvements, potential operations and constructability issues, expected permitting requirements and a life cycle cost analysis.

# Deliverables: Draft Technical Memorandum which presents the findings from this rehabilitation and phasing plan alternative analysis, to be presented in a review workshop. The Final Technical Memorandum will incorporate workshop comments and identify the recommended project(s).

#### **Task 4.3 Preliminary Headworks Master Plan**

Based on the results of the previous analyses, Stantec will prepare a recommended Headworks Master Plan for the TMWRF facility. The Master Plan will include facility and equipment selections, process strategies, control system, site development and utilities, site plan, piping layout, design criteria summary, and cost estimates.

#### Deliverables: Draft Preliminary Master Plan Report to be presented in two workshops. The Final Headworks Master Plan will incorporate workshop comments.

# TASK 5 - "NEAR-TERM PROJECT" 50% DESIGN SUBMITTAL

This task will cover the preparation of the "Near-Term Project" design documents to the approximate 50% level of completion. The items submitted in the 50% submittal will include the following:

Plans and Specifications completed to a 50%Level, including Overall Floor Plan(s), Site Piping Plan(s), locations of major equipment, and Installation Details for major equipment. This work will be tracked by individual task as follows:

Task 5.1 – Odor Control Task 5.2 – Concrete Repair Task 5.3 – Coatings Task 5.4 – Sluice Gates Task 5.5 – Electrical Task 5.6 – Hydraulic Systems

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#### Reference: TMWRF Project Scope - Revised Near-Term Project

Task 5.7 – Handrails Task 5.8 – Motor Access Catwalk

The submittal will include the following, as appropriate:

- Include Initial Structural Sections and Elevations
- Electrical Single Line and P & ID Diagram
- Updated Cost Estimate
- Updated Project Schedule

The items will be provided to TMWRF for review, and following a minimum of one week for staff review time, we will hold a design review meeting with TMWRF staff to discuss issues and design comments. The comments and written responses will be collected and summarized in the final Design Summary Memorandum and distributed to all attendees.

Deliverables: 50% Level Plans and Specifications for Review, and minutes summarizing review comments received from staff.

#### **TASK 6 - 90% DESIGN SUBMITTAL**

This task will cover the continuing preparation of the three sets of design documents to the approximate 90% level of completion. The items submitted in the 90% submittal will include the following:

- All major drawings nearing completion
- Includes Structural and Mechanical drawings
- Provide Electrical Single Line, Site Plan, Details
- Provide P & ID and Instrumentation Details
- Include most general mechanical and civil details
- Provide Specifications for all Major Equipment
- Provide Updated Cost Estimate
- Submit Plans for In-House QA/QC

The time spent will be charged to individual tasks to allow better tracking of expenditures.

Task 6.1 – Odor Control Task 6.2 – Concrete Repair Task 6.3 – Coatings Task 6.4 – Sluice Gates Task 6.5 – Electrical Task 6.6 – Hydraulic Systems Task 6.7 – Handrails

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#### Reference: TMWRF Project Scope – Revised Near-Term Project

Task 6.8 – Motor Access Catwalk

Task 6.9 – Specifications Preparations

As with the 50% submittal, the items will be provided to TMWRF for review, and allow a minimum of one week for staff review prior to comments being received. We will then hold a design review meeting with TMWRF staff to discuss issues and design comments. The comments and written responses will be collected and summarized in minutes from the meeting and distributed to all attendees.

The 90% plans will also be submitted to NDEP for their review in accordance with Nevada state regulations. Included with the submittal will be a discussion of the relevant Ten States Standards and identification of any design features that are not in compliance with the standards.

# Deliverables: 90% Level Plans and Specifications for Review, and minutes summarizing review comments received from staff.

# **TASK 7 – FINAL DOCUMENT PREPARATION**

This Task will cover finalizing the documents into a form suitable for review by the building department, NDEP, and for solicitation of bids. The following items will be incorporated into this submittal:

- Incorporate review comments received as appropriate, including any comments received from NDEP.
- Complete final QA/QC review
- Provide wet stamped plans to building department and review agencies.
- Provide technical specification documents suitable for solicitation of public bids. We assume the bid solicitation documents will utilize the standard City of Reno purchasing documents for the general conditions and other "front end" forms.

The time spent will be charged to individual tasks to allow better tracking of expenditures.

- Task 7.1 Odor Control
- Task 7.2 Concrete Repair
- Task 7.3 Coatings
- Task 7.4 Sluice Gates
- Task 7.5 Electrical
- Task 7.6 Hydraulic Systems
- Task 7.7 Handrails
- Task 7.8 Motor Access Catwalk
- Task 7.9 Specifications Preparations

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#### Reference: TMWRF Project Scope – Revised Near-Term Project

# Deliverables: Final stamped Plans and Specifications suitable for submission to agencies and for public bidding.

#### **TASK 8 – BIDDING SERVICES**

#### This task will cover the provision of services during the bidding phase of the project.

Assuming that the City's Purchasing Department handles plan distribution, we will attend and assist with the pre-bid meeting, including a job site walk-through. We will respond to questions received during bidding, and issue addenda as appropriate. We will review the bids received, and provide a written recommendation regarding project award. This task will also include incorporation of any addenda into the contract documents, and provision of conformed documents for construction.

# Deliverables: Addenda to Plans and Specifications as appropriate; recommendation regarding award after review of bid results, conformed documents for construction.

#### **TASK 9 – PERMITTING SERVICES**

# This task will cover the provision of services for acquisition of permits for construction of the projects.

This task will cover the work to assist the Owner in obtaining the permits necessary for construction of the projects. Please note the level of effort for this task may change depending on the specific permits and approvals required. The permits anticipated to possibly be required at this time include the following:

- Washoe County Air Pollution permits related to the odor control system.
- City of Sparks Building Permits
- NDEP wastewater treatment plant plan review.

#### Deliverables: Assistance with permit applications and response to comments.

#### **TASK 10 – MISCELLANEOUS ADDITIONAL SERVICES**

We anticipate that during the prosecution of this Contract additional items may develop that could require engineering services beyond the scope delineated. This Task will provide a set aside amount to be used at the request of the Owner.

This task will cover any additional services as requested by the Owner. Work will not proceed unless requested by the Owner, with the scope of services to be provided listed in writing or by email.

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# Reference: TMWRF Project Scope – Revised Near-Term Project

# Fee Estimate by Task

	Cost, \$						
	Labor F		Ex	Expenses		Total	
Task 1 - Project Management	\$	42,880	\$		\$	42 880	
	<b>.</b>		Ψ		Ψ	42,000	
Task 2 - Technial Memoranda	~~~~~~~						
Task 2.1 - Odor Control Memo	\$	37,754	\$	3.000	\$	40,754	
Task 2.2 - Project Tech Memo	\$	46.604	\$	-	\$	46,604	
Subtotal Task 2	\$	84.358	\$	3.000	\$	87.358	
					<u>T</u>		
Task 3 - Septage Receivng Rate Study	\$	13,240	\$	-	\$	13,240	
Task 4 - Headworks Study	\$	203,664	\$	2,000	\$	205.664	
				·			
Task 5 - Near Term 50% Design		10 511	<u>ф</u>				
Task 5.1 - Odor Control	\$	49,511	\$	-	\$	49,511	
Task 5.2 - Concrete Repair	\$	8,910	\$	-	\$	8,910	
Task 5.3 - Coalings	\$	4,890	\$	-	\$	4,890	
Task 5.4 - Sluice Gales	\$	12,594	\$	-	\$	12,594	
Task 5.5 - Electrical	\$	10,032	\$	-	\$	10,032	
Task 5.0 - Hydraulic Systems	\$	3,783	\$	-	\$	3,783	
Took 5.9 Motor Access Cotwolk	\$ *	5,517	\$	-	\$	5,517	
Task 5.6 - Wold Access Calwalk	ቅ ሰ	5,904	\$	-	\$	5,904	
Subiotal Task 5	\$	101,141	\$	-	\$	101,141	
Task 6 - Near Term 90% Design	****					***	
Task 6.1 - Odor Control	\$	26.337	\$	1 500	\$	27 837	
Task 6.2 - Concrete Repair	\$	5,190	\$	-	\$	5,190	
Task 6.3 - Coatings	\$	4,422	\$	-	\$	4 422	
Task 6.4 - Sluice Gates	\$	6.591	\$	-	\$	6.591	
Task 6.5 - Electrical	\$	5,961	\$		\$	5,961	
Task 6.6 - Hydraulic Systems	\$	2,991	\$	-	\$	2.991	
Task 6.7 - Handrails	\$	3,180	\$	-	\$	3.180	
Task 6.8 - Motor Access Catwalk	\$	2,841	\$	-	\$	2,841	
Task 6.9 - Specifications	\$	16,908	\$	-	\$	16,908	
Subtotal Task 6	\$	74,421	\$	1,500	\$	75,921	
Task 7 - Final Design							
Task 7.1 - Odor Control	\$	17 964	\$	_	\$	17 964	
Task 7.2 - Concrete Repair	\$	2,727	\$		\$	2 727	
Task 7.3 - Coatings	\$	3.945	\$		\$	3.945	
Task 7.4 - Sluice Gates	\$	6.255	\$		\$	6 255	
Task 7.5 - Electrical	\$	6.768	\$		\$	6 768	
Task 7.6 - Hydraulic Systems	\$	2,991	\$	-	\$	2,991	
Task 7.7 - Handrails	\$	2,748	\$	-	\$	2,748	
Task 7.8 - Motor Access Catwalk	\$	2,532	\$	-	\$	2,532	
Task 7.9 - Specifications	\$	8,726	\$	-	\$	8,726	
Subtotal Task 7	\$	54,656	\$		\$	54,656	
Task 8 - Bidding Services	\$	22.056	\$		\$	22.056	
	Ĺ	,000	Ľ		<u>۳</u>	££,000	
Task 9 - Permitting	\$	9,786	\$	1,000	\$	10,786	
Task 10 - Additional Services	\$	20.000	\$		\$	20 000	
Subtotal	<u> </u>	\$626,202	İ	\$7,500	ŕ	\$633,702	

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#### Reference: TMWRF Project Scope – Revised Near-Term Project

Note: Stantec reserves the right to move moneys between the various tasks, as long as the overall budget is not exceeded.

#### Schedule

We are available to begin work on this project immediately, however we anticipate that approval by the City Councils may be not be completed until mid to late October. Based upon a start date of November 1, we anticipate the following submittal dates for the key milestones:

- Issue Technical Memoranda, December 15, 2013
- 50% Design Submission, January 24, 2014
- 90% Design Submission, February 28, 2014
- Final Plan Submission, March 28, 2014
- Bidding Period, April to June, 2014
- Construction, July through December, 2014

We appreciate the opportunity to propose this Scope of Work. Please feel free to contact me directly at 775-398-1206, or John Enloe at 775-398-1284 if you have any questions regarding this proposal.

Sincerely,

#### STANTEC CONSULTING SERVICES INC.

Ray Kruth, PÉ Project Manager

John Enloe, PE Principal

Ray Kruth, PE Senior Engineer, Environment Tel: (775) 398-1206 Fax: (775) 850-0787 Ray.Kruth@stantec.com

John Enloe, PE Principal Tel: (775) 398-1284 Fax: (775) 850-0787 John.Enloe@stantec.com



# STANTEC CONSULTING SERVICES INC. - Reno Office STANDARD FEE SCHEDULE

2013

# (Discounted 5% for TMWRF 2013 Projects)

Listed herein is a schedule of fees for engineering, planning and surveying services most frequently performed by Stantec Consulting Services Inc.

Invoices will be submitted on completion of a project and become due on presentation. For jobs lasting longer than four weeks, monthly progress invoices will be submitted and become due on presentation. Overtime and weekend work will be charged at time and one-half.

# STAFF BILLING LEVELS **RATE / HOUR** PROFESSIONAL Levels 17 – 19 ..... \$219.00 - \$339.00 Levels 14 – 16 ..... \$159.00 - \$186.00 Levels 11 – 13 ..... \$126.00 - \$148.00 Levels 8 – 10...... \$99.00 - \$116.00 Levels 5 – 7..... \$76.00 - \$90.00 Levels 1-4..... \$49.00 - \$68.00 Expert Witness (Depositions, Testifying, Etc.) ......\$380.00 **TECHNICAL** Two-Man Survey Crew......\$152.00 Levels 8 - 11 Levels 4-7Levels 1 - 3**OTHER DIRECT COSTS** Safety Instrumentation ......\$14.00 / hour GPS Receivers (Geodetic Grade) ...... \$95.00 unit / day Mileage (current IRS rate).....\$0.565 / per mile Supplies.....Cost + 10% Outside Services.....Cost + 10% Per Diem......Expenses