

AGREEMENT

This Agreement made and entered into this _____ day of _____, 2025, by and between the City of Reno and the City of Sparks, hereinafter referred to as the “CITY”, and Jacobs Engineering Group Inc., hereinafter referred to as “CONSULTANT”:

WITNESSETH:

WHEREAS, CITY desires to obtain consulting services for the Truckee Meadows Water Reclamation Facility (TMWRF) professional engineering services for assessing TMWRF’s existing power system, hereinafter referred to as “Project;”

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

WHEREAS, the CITY has found CONSULTANT qualified and experienced in the performance of said services;

WHEREAS, the CITY is desirous of engaging the services of CONSULTANT to perform said services; and

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

ARTICLE I - SERVICES

A. CITY agrees to retain and does hereby retain CONSULTANT to perform the professional 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.

B. CONSULTANT 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 services.

C. CONSULTANT 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 CITY. CONSULTANT shall undertake performance of services as independent contractor and shall be wholly responsible for the methods of performance and for their performance.

D. CONSULTANT is subject to NRS 338.010 – 338.090 (prevailing wage) for all covered work.

ARTICLE II - SCOPE OF SERVICES

A. The Scope of Services is set forth in Attachment A as attached hereto and incorporated herein by this reference.

ARTICLE III - COMPENSATION

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

B. Compensation to the CONSULTANT shall be lump sum per Attachment A.

C. Payments shall be made by the CITY based on itemized invoices from the CONSULTANT, which lists costs and expenses. Such payments shall be for the invoice amount.

D. CITY shall pay CONSULTANT within 30 days of receipt by CITY of CONSULTANT's invoice. If CITY disputes only portions of an invoice, CITY agrees to pay for undisputed items on that invoice within the time provided herein. Payment by CITY of invoices or request for payment shall not constitute acceptance by CITY of work performed under the Agreement by the CONSULTANT.

E. The not-to-exceed budget for the services authorized by this Agreement is the sum of \$235,954.00 is and shall not be exceeded without written authorization of the CITY. The City of Reno's share is \$161,935.23 and the City of Sparks's share is \$74,018.77. 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. CONSULTANT 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

A. CONSULTANT will commence the services as described immediately following the Notice to Proceed provided to the CONSULTANT by the CITY and will proceed with such services in a diligent manner as set forth in Attachment A. CONSULTANT will not be responsible for delays caused by factors beyond CONSULTANT'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

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

ARTICLE VI- OWNER'S RESPONSIBILITY

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

ARTICLE VII - NONDISCLOSURE OF PROPRIETARY INFORMATION

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

ARTICLE VIII - NOTICE

A. 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 CONSULTANT:

Jacobs Engineering Group Inc.
Ben Dombrowski
Manager, New Energy & Advisory
111 Corning Rd., Suite 200
Cary, North Carolina 27518-9236

To CITY:

Trina Magoon, P.E.
Utility Services Director
City of Reno
1 East First Street
Reno, NV 89501
P.O. Box 1900
Reno, NV 89505

John Martini, P.E.
Assistant City Manager
City of Sparks
431 Prater Way
Sparks, NV 889431
PO Box 857
Sparks, NV 89432

B. Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of CONSULTANT and CITY.

ARTICLE IX - UNCONTROLLED FORCES

A. Neither CITY nor CONSULTANT 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 its 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 CITY or CONSULTANT under this Agreement, strikes, work slowdowns or other labor disturbances, and judicial restraint. CONSULTANT shall be paid for services performed prior to the delay.

B. 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 CONSULTANT or CITY 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

A. 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 Washoe County, Nevada.

ARTICLE XI - SUCCESSORS AND ASSIGNS

A. CITY and CONSULTANT 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 - INDEMNIFICATION

A. To the fullest extent permitted by law, CONSULTANT shall defend, indemnify and hold harmless CITY and its officers, employees and agents (collectively “Indemnatee”) from any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys’ fees, to the extent caused by the negligent acts, errors, omissions,

recklessness or intentional misconduct of the CONSULTANT or employees or agents of the CONSULTANT in the performance of this Agreement.

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

C. CONSULTANT'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 CONSULTANT'S negligence or other breach of duty.

D. If CITY's personnel (consultants or other professionals) are involved in defending such legal action, CONSULTANT shall also reimburse CITY 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 CONSULTANT, her legal representatives, heirs, successors and permitted assigns.

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

ARTICLE XIII - INTELLECTUAL PROPERTY INDEMNITY

A. To the fullest extent permitted by law, CONSULTANT shall defend, protect, hold harmless, and indemnify CITY and the CITY'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 CITY in writing. If CONSULTANT has reason to believe the use of a required design, process or product is an infringement of a patent, CONSULTANT shall be responsible for such loss unless such information is promptly given to CITY. This Indemnity Covenant shall survive the termination of this Agreement.

ARTICLE XIV – PAYMENT OF TAXES

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

ARTICLE XIV - INSURANCE

A. GENERAL REQUIREMENTS.

1. The CITY requires that CONSULTANT purchase Industrial Insurance, General Liability, and CONSULTANT'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 CONSULTANT, its agents, representatives, employees or subconsultants. The cost of such insurance shall be borne by CONSULTANT unless otherwise agreed.

B. INDUSTRIAL INSURANCE (WORKERS' COMPENSATION & EMPLOYER'S LIABILITY).

1. It is understood and agreed that there shall be no Industrial Insurance coverage provided for CONSULTANT or any Subconsultant by the CITY and in view of NRS 616B.627 and 617.210 requiring that CONSULTANT complies with the provisions of Chapters 616A to 616D, inclusive and 617 of NRS, CONSULTANT shall, before commencing work under the provision of this Agreement, furnish to the CITY a certificate of insurance from the Worker' Compensation Insurer certifying that the CONSULTANT and each Subconsultant have complied with the provisions of the Nevada Industrial Insurance Act, by providing coverage for each and every employee, subconsultants, and independent contractors. Should the CONSULTANT be self-insured for Industrial Insurance, the CONSULTANT shall so notify the CITY and approve written approval of such self-insurance prior to the signing of a Contract. The CITY reserves the right to accept or reject a self-insured CONSULTANT and to approve the amount(s) of any self-insured retentions. The CONSULTANT agrees that the CITY is entitled to obtain additional documentation, financial or otherwise, for review prior to entering into a Contract with the CONSULTANT.

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

C. MINIMUM SCOPE OF LIABILITY INSURANCE. Coverage shall be at least as broad as:

1. **Commercial General Liability** at least as broad as Insurance Services Office Commercial General Liability Coverage "occurrence" form CG OO 01 04 13 and ISO CG 20 37 04 13, or equivalent forms.. The Comprehensive General Liability Coverage shall include, but is not limited to, liability coverage arising from premises, operations, independent contractors, products and completed operations, personal and advertising, injury, blanket contractual liability and broad form property damage.

2. **Automobile Coverage** at least as broad as Insurance Services Office Business Auto Coverage form CA OO 01 10 13 or an equivalent form covering Automobile Liability Symbol 1 "Any

Auto". In lieu of a separate Business Auto Liability Policy, the City may agree to accept Auto Liability covered in the General Liability Policy, if nonowned and hired auto liability are included. The CONSULTANT shall maintain limits of no less than \$1,000,000 or the amount customarily carried by the contractor, whichever is greater, combined single limit per accident for bodily injury and property damage. No aggregate limit may apply.

3. **Professional Errors and Omissions Liability** applying to all activities performed under this Agreement in a form acceptable to CITY. CONSULTANT 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 unless waived by the CITY. In the event the CONSULTANT goes out of business during the term of this Agreement or the six (6) year period described above, CONSULTANT shall purchase Extended Reporting coverage for claims arising out of CONSULTANT's negligence acts, errors and omissions committed during the term of the Professional Liability Policy.

D. **MINIMUM LIMITS OF INSURANCE.** CONSULTANT shall maintain limits no less than:

1. General Liability: \$2 million minimum combined single limit per occurrence for bodily injury, personal injury and property damage and \$4 million annual aggregate.

2. CONSULTANT's Errors and Omissions Liability: \$2 million per claim and \$4 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 CONSULTANT may purchase project insurance or obtain a rider on her normal policy in an amount sufficient to bring CONSULTANT's coverage up to minimum requirements, said additional coverage to be obtained at no cost to the CITY.

E. **DEDUCTIBLES OR SELF-INSURED RETENTIONS**

1. Any deductibles or self-insured retentions must be declared to and approved by the Risk Manager. The CITY reserves the right to request additional documentation, financial or otherwise prior to giving its approval of the deductibles or self-insured retention. Any changes to the deductible or self-insured retention made during the term of this Agreement or during the term of any policy, must be approved by the Risk Manager.

F. **OTHER INSURANCE PROVISIONS**

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

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

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

4. The CONSULTANT'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.

5. Endorsements for General Liability, Auto, and Excess/Umbrella Liability listing all additional insureds are required. The endorsement for Excess/Umbrella Liability can be accomplished by the CONSULTANT'S production of a letter from the insurance company stating that Excess/Umbrella Liability will "follow form."

6. The CONSULTANT'S insurance coverage shall be endorsed to state that coverage shall not be canceled or non-renewed by either party, except after at least thirty (30) days prior written notice for reasons other than non-payment of premium and at least ten (10) days for non-payment of premium mail has been given to the CITY. CONSULTANT shall notify CITY if its insurance is reduced in coverage or in limits.

G. ACCEPTABILITY OF INSURERS

1. 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 CITY in its sole discretion. CITY reserves the right to require that CONSULTANT'S insurer be a licensed and admitted insurer in the State of Nevada, or on the Insurance Commissioner's approved but not admitted lists.

H. VERIFICATION OF COVERAGE

1. CONSULTANT shall furnish the CITY 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 agent in this state. All approved deductibles and self-insured retentions shall be shown on the certificate. The certificates are to be on forms approved by the CITY. All certificate and endorsements are to be received and approved by the CITY before work commences. The CITY reserves the right to require complete, certified copies of all required insurance policies, at any time.

I. SUBCONSULTANTS

1. CONSULTANTS 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 subject to all of the requirements stated herein. The City Attorney or Risk Manager may modify the requirements as to subconsultants at its discretion upon request of the CONSULTANT.

J. MISCELLANEOUS CONDITIONS

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

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

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

ARTICLE XVI - LITIGATION

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

ARTICLE XVII - TERMINATION OF WORK

A. 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, CITY may terminate the Agreement for any one of the following causes: performance by CONSULTANT which CITY deems unsatisfactory in CITY's sole judgment; and CITY's lack of funds to complete the work. Cause for CONSULTANT may include failure of CITY to make timely payment to CONSULTANT without good cause, following a demand for payment.

B. In addition, CITY may terminate any or all of the work covered by this Agreement by notifying CONSULTANT in writing. In the event such termination occurs at the conclusion of services pursuant to an executed task order, then CONSULTANT 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 CITY pursuant to this Agreement. In the event such

termination occurs during the performance of services pursuant to an authorized task order, then CONSULTANT and CITY shall need to determine what, if any additional services should be performed by CONSULTANT in order to close out the work in progress and provide any such unfinished materials to CITY. CONSULTANT and CITY shall agree upon the additional amount of work to be performed following the termination notice and the amount payable by CITY 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.

C. In the event the Agreement is terminated by CITY for cause, including performance deemed unsatisfactory by CITY, or CONSULTANT failure to perform, or other cause created by CONSULTANT, CITY may withhold and offset against any payments otherwise due and/or seek recovery from CONSULTANT for amounts already paid, including without limitation: amounts paid for unsatisfactory work or work not done in accordance with this Agreement; value of CITY'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. Subject to the terms herein, CONSULTANT will be paid for services performed prior to termination.

D. CONSULTANT 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 XVIII - PROFESSIONAL SERVICES

A. CONSULTANT shall be responsible for the professional quality and technical accuracy of all services furnished by CONSULTANT 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, CONSULTANT shall, without additional compensation, correct or revise any errors or omissions in their services.

B. CONSULTANT and their subconsultants retained pursuant to this Agreement are considered by CITY to be skilled in their profession to a degree necessary to perform the services and duties contained in this Agreement, and CITY hereby relies upon those skills and the knowledge of CONSULTANT and their subconsultants. CONSULTANT 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 and under similar conditions. CONSULTANT makes no warranty, either expressed or implied, as to their findings, recommendations, specifications or professional advice other than as provided herein.

C. Neither CITY'S 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 CITY'S rights under of this Agreement. The rights and remedies of CITY provided for under this Agreement are in addition to any other rights and remedies provided by law.

D. Project information including but not limited to reports, written correspondence, and verbal reports will be prepared for the use of the CITY. The observations, findings, conclusions and recommendation made represent the opinions of the CONSULTANT. Reports, records, and information prepared by others will be used in the preparation of the report. The CONSULTANT 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 CONSULTANT make any certifications or assurances except as explicitly provided in writing. No responsibility is assumed by the CONSULTANT for use of reports for purposes of facility design by others.

ARTICLE XIX – PROPERTY: COPYRIGHTS

A. The CONSULTANT shall furnish to the CITY all field notes, reports, data, and electronic or magnetic media, and original tracings of all drawings and plans, maps, photographs, and other materials (including, if requested by the Director, design computations, design sketches and review drawings) prepared pursuant to this Contract (hereinafter collectively referred to as “Documents”). The originals of such Documents shall be and remain the property of the CITY.

B. All of such Documents shall be deemed to be “works made for hire” prepared for the CITY. The ownership of all copyrights and all rights embodied in the copyrights in or to such Documents shall rest in the CITY when any such is subject to copyright. The CONSULTANT agrees that it, nor any of its employees, shall have any right to copyright any of such Documents. The CONSULTANT further agrees that neither it nor any of its employees shall exercise any of the rights embodied in the copyrights in or to such Documents, unless authorized to do so by the Reno City Council. The CONSULTANT shall place a conspicuous notation upon each Document which indicates that the copyright thereto is owned by the CITY.

C. Should it be finally determined, by a court or to her tribunal of competent jurisdiction, that any of such Documents is not a “works make for hire,” it is agreed that the provisions of this section shall be termed an assignment, sale, and transfer of the copyright in or to such Documents to the CITY for the longest term allowed by law. Notwithstanding the foregoing, the CONSULTANT may retain copies of such Documents and such copies shall remain the property of the CONSULTANT. The CONSULTANT shall have the right to use such copies as it may desire, but the CONSULTANT may not sell, license, or otherwise market such Documents.

D. Documents, including drawings and specification prepared by CONSULTANT pursuant to this Contract, are not intended or represented to be suitable for reuse by CITY or others on extensions of the services provided for the Project or any other project. Any use of completed Documents for other projects and/or any use of uncompleted Documents without specific written authorization from CONSULTANT will be at the CITY’s sole risk without liability or legal exposure to CONSULTANT.

ARTICLE XX - RIGHTS OF CONSULTANTS AND EMPLOYEES

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

ARTICLE XXI - SERVICES BY CITY

A. It is understood and agreed that the CITY shall, to the extent reasonable and practicable, assist and cooperate with the CONSULTANT in the performance of CONSULTANT'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 CITY'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

A. 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.

B. Except as otherwise provided herein, each party shall bear its own attorney's fees and court costs.

ARTICLE XXIII - NO UNFAIR EMPLOYMENT PRACTICES

A. In connection with the performance of work under this Agreement, CONSULTANT agrees not to discriminate against any employee or applicant for employment because of race, creed, color, religion, national origin, age, sex, sexual orientation, gender identity, gender expression, veteran status, or any other protected class status applicable under federal, state or local law, rule or regulation. 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.

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

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

D. Race includes traits associated with race, including, without limitation, hair texture and protective hairstyles.

E. Any violation of these provisions by CONSULTANT shall constitute a material breach of contract.

ARTICLE XXIV - AMERICANS WITH DISABILITIES ACT

A. CONSULTANT 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

A. 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.

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

C. 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.

D. No Third Party Benefit. This Agreement is a contract between CITY and CONSULTANT and nothing herein is intended to create any third party benefit.

E. 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

A. Each party represents that all required authorizations have been obtained to execute this Agreement 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. An electronic or facsimile signature on this Agreement shall be treated for all purposes as an original signature.

B. 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, CITY has caused this Agreement to be executed by the City of Reno and CONSULTANT have caused this Agreement to be executed, all as of the day and year first above written.

JACOBS ENGINEERING GROUP INC.

By: 
Ben Dombrowski
Manager, New Energy & Advisory

CITY OF SPARKS

By: _____
Dion Louthan, City Manager

CITY OF RENO

By: _____
Hillary L. Schieve, Mayor

ATTEST:

By: _____
Mikki Huntsman, City Clerk

APPROVED AS TO FORM:

APPROVED AS TO FORM:

By: _____
Brandon Sendall
Deputy City Attorney

By: _____
Susan Ball Rothe
Deputy City Attorney

Project Background & Understanding

The Cities of Reno and Sparks (Client), jointly managing the Truckee Meadows Water Reclamation Facility (TMWRF) have requested Jacobs Engineering Group Inc. (Jacobs) to provide professional engineering services for assessing TMWRF's existing power system, current and future energy demands, and provide recommended solutions for new backup power systems.

Project Objectives

TMWRF's primary project objectives are to have Jacobs evaluate the current power systems and energy generation and provide a conceptual design for a backup power system. The new backup power system is to provide a full plant backup power supply for approximately 4-12 hours (Time period to be evaluated and finalized during options analysis).

Jacobs will evaluate the technical and financial feasibility of different solutions at TMWRF and create matrices and report of the recommended solution(s).

Scope of Services

The following Tasks will be performed by Jacobs to satisfy the scope of services.

1. Project Management
2. Data Collection
3. Facility Characterization
4. Microgrid Concept Development
5. Microgrid Master Planning

Task 1 – Project Management

Project management services provided by Jacobs will include coordination and communication with the City of Reno and TMWRF staff, schedule and personnel management, monthly progress reports, and project administration.

Upon Notice to Proceed, Jacobs will conduct a kick-off meeting with Project stakeholders to introduce the project team, review the scope of services, requirements, and expectations for the project.

Concurrent with the kick-off meeting, the project manager will gather information needed to identify project work planning elements – schedule, communication protocol, and data/information needs.

Task 1 - Deliverables

- (3) Workshops (With in-person and virtual Jacobs staff, up to 2 hours each.)
 - **Kickoff Meeting/Workshop 1**, Set priorities, schedules, communications protocols, project goals and setting measures of success, current operational challenges
 - **Workshop 2: Pre-Design Development/Options Analysis** of potential microgrid solutions, this workshop will occur between Tasks 4 and 5.

- **Workshop 3:** Draft Conceptual Design & Microgrid Master Plan Presentation, this workshop will occur during Task 5.
- Monthly, or more frequent as needed, status meetings and meeting minutes (submitted to Client for review within one week of meeting date)
- Schedule and updates
- Monthly Invoicing and Progress Reports
- Meeting Minutes (submitted to Client for review within one week of meeting date)

Task 1 - Assumptions

- Client will provide relevant project information including but not limited to recent power bills or access to Client's portal for analyzing power costs, GIS data, record drawings, hourly demand and billing data and tariff information in a timely manner.
- Client will provide review comments on deliverables within two weeks of submittal.
- Jacobs will reasonably rely upon the accuracy and completeness of the information/data provided by the Client or other third parties.

Task 2 – Data Collection

Early in Task 2, Jacobs will engage the Client in a workshop to gather ideas, goals, and measurements of success for the project, as well as current challenges that TMWRF staff is experiencing.

Task 2.1 - NV Energy

- Review current energy bills and NV Energy documentation. This task will also include additional coordination with NV Energy for updating the natural gas pipeline construction estimate.

Task 2.2 - TMWRF Facility

- Review of facility plans, any provided existing energy and load studies, SOPs, and as-builts of the facility.

Task 2.3 - Documentation and Modeling Aggregation

- The following assets will be reviewed and collected in support of this project; biogas and cogeneration system, major electric consuming processes, SCADA and environmental systems. Data to inform operational control strategies and field

Task 2 - Deliverables

- Data matrix report including determination of outstanding data needs.

Task 2 – Assumptions

- Two 1-hour meetings with NV Energy for any additional coordination efforts.
- All necessary reports, as-builts, and facility documentation will be provided to Jacobs.

Task 3 – Facility Characterization

As part of this task Jacobs will perform an evaluation of TMWRF's existing power system, and its current and future energy demands.

Task 3.1 - Electricity Consumption Characterization

- Identify potential significant process changes that would impact energy consumption.
- Estimate impacts of anticipated future facility process changes on the baseline electricity consumption of the facility.
- Identify significant potential energy savings opportunities related to replacing older inefficient equipment with more efficient equivalents.
- Construct high-level electricity consumption models using facility configuration and equipment information, and historical local electric utility bills and meter interval data.
- Scale future electricity consumption models based on projected energy efficiency improvements that are planned to be undertaken in the future.

Task 3.2 - Biogas Production and Heat Consumption Characterization

- Model average annual and peak and minimum 15-day digester biogas production at TMWRF using a process simulation model. Existing facility conditions will be simulated to create facility baseline biogas production models.
- Provide high-level model output estimates of the impacts that the digester capacity expansion options (prepared by Jacobs in a separate project) will have on the biogas productions at the facility.
- Model seasonal heat consumption for the digester for both baseline and future biogas production models. Additional heat or hot biogas uses, such as thermal hydrolysis steam, will be quantified and integrated into the heat consumption models.
- Calibrate biogas production and heat consumption models using facility configuration and equipment information, and historical performance data.

Task 3.3 - Energy Efficiency Improvements Characterization

- Screen energy efficiency improvements for key processes and critical systems. Results from the screening will be reviewed and applied to the electricity consumption models for TMWRF.
- Energy efficiency improvements will be identified based on facility equipment data and a process simulation tool.
- The energy efficiency screening will not constitute a full energy efficiency audit, but rather will be high-level projections that can be refined through future studies. Savings estimates will be rough order of magnitude and percentage estimates only.

Task 3.4 - Electric Utility Rates and Programs Review

- Review the rate schedule for the local electric utility, NV Energy, and construct an electric utility rate model.
- Validate the electric utility rate model with monthly electric utility bills.

- Review renewable energy programs for NV Energy and identify a preferred program.
- Review microgrid equipment (generator, solar PV, BESS, and biogas fueled cogeneration) interconnection requirements for NV Energy.

Task 4 - Microgrid Concept Development

As part of this task, Jacobs will develop potential solutions to address previously identified challenges and provide recommendations through an options analysis process to determine a new backup power system.

Task 4.1 –Power Technology Review

- Identify appropriate backup power technologies for evaluation based on the electricity consumption model and facility backup power requirements and goals.
- Identify a backup power generation design for evaluation based on total life-cycle cost, footprint, reliability, and ease of operations.
- Identify appropriate biogas fueled cogeneration technologies for evaluation based on electricity and heat consumption models, and biogas production models.
- Select a biogas fueled cogeneration technology for inclusion in the microgrid solution based on efficiency, emissions, footprint, and cost.
- Identify ground, rooftop, and parking areas available for installing solar PV.
- Develop a high-level conceptual layout of solar PV for the facility and determine the maximum potential solar PV capacity the facility can accommodate. The conceptual layout will take into consideration existing masterplans where facility expansion is contemplated, and land is reserved.
- Model annual hourly electricity generation with solar PV simulation software.
- Identify appropriate Backup Energy Storage Solutions (BESS) technologies and use cases for evaluation based on the electricity consumption models, maximum potential solar PV capacities, selected biogas cogeneration technology, and feedback from Client. Potential use cases include increasing load fulfillment and peak shaving.
- Select a BESS technology and appropriate use cases for possible inclusion in the microgrid solution based on efficiency, footprint, and cost.

Task 4.2 – Microgrid Concept Development

- In addition to a base case backup power generator concept, this task will develop up to three (3) conceptual microgrid of solutions, which could include combinations of solar PV, BESS, biogas fueled cogeneration, for the facility with equipment capacities and controls hierarchies optimized for electric load fulfillment, emissions mitigation, and financial return.
- Simulate facility electric load fulfillment for varying microgrid equipment capacity combinations using an energy and resource model.
- Estimate emissions from biogas fueled cogeneration and backup power using standard emissions factors based on equipment type.
- Estimate financial return for each microgrid equipment capacity combination using a lifecycle cost analysis that includes capital costs, incentives, operating costs, and annual utility savings.

- Facility operations for both normal grid-connected and critical grid-islanded scenarios will be simulated. Results from each scenario will be utilized in optimizing equipment capacities and controls hierarchies.

TASK 5 - Microgrid Master Plan

Task 5 will take the output of Task 4's analysis, the options analysis process, and Workshop 2 and develop the selected microgrid solutions.

Task 5.1 – Microgrid Equipment Performance Requirements

- Develop performance requirements for recommended microgrid equipment and supporting equipment alignment. Solar PV, BESS, biogas fueled cogeneration, backup power, process improvements, and associated balance of system will be included in the performance requirements.

Task 5.2 – Microgrid Equipment Conceptual Design Refinement

- Develop a conceptual general arrangement of microgrid equipment at the facility. The general arrangement will take into consideration existing master plans, to be provided in the initial data gathering phase, where expansion is contemplated, and land is reserved.
- Develop a high-level conceptual process flow diagram outlining microgrid operations for both normal grid-connected and critical grid-islanded scenarios.
- Develop a conceptual electrical single-line diagram of major electrical equipment and facility and utility interconnection points.
- Develop a conceptual controls architecture diagram for both normal grid-connected and critical grid-islanded scenarios

Task 5.3 – Utility Interconnection Plan

- Develop a preliminary electric utility interconnection strategy based on the interconnection requirements identified previously in the electric utility review.
- This task does not include routing or layout details, conducting possible interconnection studies, preparing, or submitting a utility interconnection application.

Task 5.4 – Environmental Permitting Review

- Perform a desktop review of environmental permits for solar PV, BESS, biogas fueled cogeneration, and backup power for the facility. Required environmental permits will be listed in a permitting matrix.
- This desktop review will be limited to identifying the pertinent agencies and providing a general summary of the types of permits these agencies may require.

Task 5.5 – Incentives, Grants, and Funding Review

- Perform a desktop review of available local and federal grants and incentives. Potential grants and incentives will be listed in a matrix.
- Perform a desktop review of local funding sources, including NV energy. Potential funding sources will be listed in a matrix.

Task 5.6 – Implementation Timeline

- Develop a timeline for implementing the recommended microgrid alignment at TMWRF. Existing master plans and planned upgrades for the facility will be considered when developing the implementation timeline.
- The implementation timeline will include results from a lifecycle cost analysis model that includes capital costs, incentives, operating costs, and annual utility savings.
- The implementation timeline will include design, procurement, construction, commissioning, and operations project phases.

Task 5 – Deliverable

1. **Technical Report:** Microgrid masterplan technical report discussing the recommended microgrid solution for TMWRF. The technical report will summarize the methodology and results of Tasks 2-5 and will be delivered as a PDF. This report will also include a Draft and Final Energy Facility Plan/Roadmap that includes:
 - a. Conceptual level design documents for backup power and the selected microgrid approach.
 - b. Draft CIP and schedule for selected microgrid approach.
 - c. Identify technologies and concepts for future consideration for inclusion in the recommended microgrid solutions and will include high-level facility agnostic quantification of technical and financial feasibility for these concepts.
 - d. Class 5 Capital and Operational Costs for Roadmap of Microgrid alternatives not selected for conceptual level design.
2. **Summary Slide-Deck:** High-level slide deck summarizing the microgrid masterplan for the facility. The high-level slide deck will summarize the recommendations from the technical report and will be delivered as a PDF.

TASK 6 – Owner Directed Services

1. Task 6 will provide the Client with additional services up to \$20,000 as requested in writing by the Client's Project Manager. Estimated cost and schedule will be provided as needed for requested additional services.

Project Assumptions

- Jacobs will reasonably rely upon the accuracy and completeness of the data provided by Client or other third parties. Jacobs makes no promises or guarantees with regard to actual site conditions or viability of the concepts should conditions differ from the information provided by Client.
- Equipment cost estimates and recommendations provided in the deliverables do not constitute the basis for financial investment decisions or any legal financial advice.
- Cost estimates provided by Jacobs will be Association for the Advancement of Cost Engineering (AACE) Class V (+100/50%, -50/30%).
- Microgrid equipment recommended sizes are preliminary with approximate +/-20% error.
- Data requested by Jacobs in the initial data gathering phase will be provided within four weeks of the request. Delays in data gathering may impact the overall project delivery schedule.
- Local electric utility staff, NV Energy, will be available for consultation regarding interconnection.

- No permit applications will be prepared or submitted under this scope of work.
- Draft deliverables will be issued for Client's review (one round only) and responses to comments will be included in the final deliverables.
- Client staff will be available for support and consultation throughout the development of the deliverables.
- All deliverables will be delivered electronically.
- All review and check-in meetings will be held virtually.

Budget

The budgetary amount of **\$235,954** is established for services in this contract. Jacobs will keep Client informed of progress so that the budget or work effort can be adjusted if found necessary. Jacobs is not obligated to incur costs beyond the indicated budget, as may be adjusted, and Client is not obligated to pay Jacobs beyond these limits. When any budget has been increased, Jacobs's excess costs expended prior to such increase will be allowable to the same extent as if such costs had been incurred after the approved increase.

The work will be performed on a Lump Sum basis. Invoices will be monthly based on percent completion of tasks. No markup is applied to subconsultant fees or travel expenses. The budget was established based upon the information available at the time of this proposal. The professional services fee above will not be exceeded without prior authorization from the City of Reno.

Staffing

The following key staff will work on this project:

Project Key Staff	Job Title	2025 Billing Rate*
Dylan Menes	Project Manager	\$273
Ben Dombroski	Quality Control	\$266
Wesley Chambers	Energy Demand & Modeling SME	\$142
Dennis Thomas	I&C SME	\$244
Dan Robillard	Process Mechanical SME	\$299
David Burger	Electrical SME	\$266
Bret Romero	Cogeneration SME	\$284
Paul Steele	Process SME	\$299
Michael Lewis	Power Generation	\$299
Travis Howard	Site Civil SME	\$244
Rod Schwass	Finance and Grants	\$299
Andy Solberg	Senior Technical Consultant	\$299

The Key Staff, Role and associated Estimate of Labor Hours are all preliminary estimates only. We intend to reallocate labor hours between any of these Staff as necessary to achieve the most efficient project delivery.

Draft Project Schedule

Task	Task Description	Proposed Start	Estimated Duration After Start	Weeks
1.	Project Kickoff & Data Collection	NTP	4 weeks	
2.	Facility Characterization	Task 1 End	8 weeks	
3.	Microgrid Concept Development	Task 2 End	10 weeks	
4.	Microgrid Masterplan	Task 3 End	8 weeks	
5.	Total		28 weeks (7 months)	