

Mayor  
John J. Lee

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Scott Black  
Pamela A. Goynes-Brown  
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**Finance Department**  
Purchasing-Risk Management Department  
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**March 23, 2020**

**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing**

Bids will be received electronically only through the Nevada Gov eMarketplace (NGEM) System at [www.ngemnv.com](http://www.ngemnv.com) until **April 27, 2020 at 10:00 A.M.** (the "Bid Due Date"), and the bids will be publicly opened and read shortly thereafter in Conference Room 703 inside City Hall at the above listed address.

A Pre-Bid Meeting will be not be held at City Hall for this Bid. All questions or concerns must be submitted electronically in the NGEM System or via e-mail to Marie Leake, Buyer, at [leakem@cityofnorthlasvegas.com](mailto:leakem@cityofnorthlasvegas.com). The cut-off time for all questions is **April 06, 2020, at 12:00 p.m.** If any questions are received, an addendum will be issued to answer those questions and the addendum will be posted in the NGEM System and will be made available at the City of North Las Vegas Purchasing Web Page at <http://www.cityofnorthlasvegas.com/purchasingbidadvertisements/index.php>.

Bid documents may be accessed at [www.ngemnv.com](http://www.ngemnv.com) or on the City of North Las Vegas Purchasing Web Page (listed above). The City reserves the right to reject any and all Bids, waive any informality or technicality, or to otherwise accept Bids deemed in the best interest of the City.

A handwritten signature in blue ink that reads 'Catherine A. Raynor'. The signature is written in a cursive style and is positioned above a horizontal line.

Catherine A. Raynor, MMC  
City Clerk

Published in the Las Vegas Review Journal  
(March 23, 2020)

**CITY OF NORTH LAS VEGAS INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing**

**1. PUBLIC RECORDS:**

The Bid documents and all Bids submitted in response thereto are public records. You are cautioned not to put any material into the Bid that is proprietary in nature. The City is a public agency as defined by state law. As such, it is subject to the Nevada Public Records Law (Chapter 239 of the Nevada Revised Statutes). The City's Records are public records, which are subject to inspection and copying by any person, unless declared by law to be confidential.

**2. PERFORMANCE OF WORK:**

The selected Respondent shall perform all work as may be necessary to complete the Contract in a satisfactory and acceptable manner, and unless otherwise provided, shall furnish all transportation, materials, equipment, labor and incidentals necessary to complete the project.

**3. FORM OF CONTRACT:**

Execution of the Contract by all named parties will authorize delivery of services obtained under this Invitation to Bid.

**4. ELECTRONIC BID THROUGH NGEM SYSTEM:**

Bids must be submitted online through the Nevada Government eMarketplace (NGEM). The NGEM System is an electronic bidding system used by a consortium of local government entities in Nevada for supplier registration and the submission of electronic bids and proposals. The NGEM System is available at [www.ngemnva.com](http://www.ngemnva.com). There is no cost for any Respondent to use the NGEM System, however, all Respondents must register prior to gaining access to see the details of any solicitation and to submit a bid or proposal online. All Bids must be submitted on the NGEM System no later than the Bid Due Date and time. Per the Terms of Use of the NGEM System, Bids may not be submitted after the Bid Due Date, and the server clock will govern.

**5. EXPLANATION TO RESPONDENT:**

Any explanations desired by Respondent regarding the meaning or interpretation of specifications must be requested in writing and with sufficient time allowed for a reply to reach Respondent before submission of their Bid. Oral explanations given before the award of the contract will not be binding. Any written interpretation made will be furnished to all Respondents and its receipt by the Respondent will be acknowledged. Interpretation of the meaning of the plans, specifications, or other pre-Bid documents will not be binding if presented to any Respondent orally. Every request for such interpretation should be in writing addressed to Marie Leake, Buyer at [leakem@cityofnorthlasvegas.com](mailto:leakem@cityofnorthlasvegas.com) or ATTN: Marie Leake, Buyer, City of North Las Vegas, 2250 Las Vegas Blvd. North, Suite 708, North Las Vegas, NV 89030. Any and all such interpretations and any supplemental instructions deemed necessary will be in the form of a written addendum to the specifications which, if issued, will be mailed or e-mailed to all known prospective Respondents.

Failure of any Respondent to receive any such addendum or interpretation shall not relieve such Respondent from any obligation under these Bid documents as submitted. All addenda issued shall become part of the Bid documents.

**6. METHOD OF EVALUATION AND AWARD OPTIONS:**

The evaluation of this Bid will be conducted by City personnel. The City will award this Bid to the Respondent(s) that submits the lowest responsive and responsible Bid deemed to be in the City's best interest. The City reserves the right to reject all Bids. Pursuant to NRS 332.065(3), the City shall not enter into a contract with a Respondent to this Bid unless the contract includes the written certification that the company is not currently engaged in, and agrees for the duration of the contract not to engage in, a boycott of Israel.

**7. ASSIGNMENT OF CONTRACTUAL RIGHTS:**

It is agreed that the Contract must not be assigned, transferred, conveyed, or otherwise disposed of by either party in any manner, unless approved in writing by the other party or unless otherwise allowed pursuant to NRS 332.095(2). The Respondent will be an independent contractor for all purposes and no agency, either expressed or implied, exists.

**8. CONDITIONS OF BID SUBMITTAL:**

- (a) The Bid must be signed by a duly authorized official of the proposing firm or company submitting the Bid.
- (b) No Bid will be accepted from any person, firm, or corporation that is in arrears for any obligation to the City, or that otherwise may be deemed irresponsible or unresponsive by City staff or City Council.
- (c) No Bid will be accepted from any person, firm, or corporation if that person, firm, or corporation or any of its principals are debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from transactions with any federal or state department or agency. By signing and submitting a Bid to the City, the Respondent certifies that no current suspension or debarment exists.
- (d) All Bids shall be prepared in a comprehensive manner as to content, but no necessity exists for expensive binders or promotional material.

**9. BID PROTESTS:**

The City will publish the Recommendation of Award Notification on the City's website ([www.cityofnorthlasvegas.com](http://www.cityofnorthlasvegas.com)). Any Respondent may file a notice of protest regarding the proposed award of the Contract by the North Las Vegas City Council. Respondents will have five (5) business days from the date the Recommendation of Award is published to submit the written protest to the City Clerk. The written protest must include a statement setting forth, with specificity, the reasons the person filing the protest believes that applicable provisions of the Bid documents or law were violated. At the time a notice of protest is filed, the person filing such notice of protest shall post a bond with a good and solvent surety authorized to do business in the State of Nevada, and supply it to the City Clerk. The bond posted must be in an amount equal to the lesser of: (i) twenty-five percent (25%) of the total value of the Bid submitted by the person filing the notice of protest; or (ii) two hundred fifty thousand dollars (\$250,000).

A notice of protest filed in accordance with this section shall operate as a stay of action in relation to the award of the Contract until a determination is made by the North Las Vegas City Council. A person who makes an unsuccessful Bid may not seek any type of judicial intervention until after the North Las Vegas City Council has made a determination on the notice of protest and awarded the contract. Neither the City nor any authorized representative of the City is liable for any costs, expenses, attorney's fees, loss of income, or other damages sustained by a person who submits a Bid, whether or not the person files a notice of protest pursuant to this section.

If a protest is upheld, the bond posted and submitted with the notice of protest will be returned to the person who posted the bond. If the protest is rejected, a claim may be made against the bond by the City in an amount equal to the expenses incurred by the City because of the unsuccessful protest.

**10. LICENSES:**

All Respondents must provide a copy of all appropriate licenses in accordance with the laws of the State of Nevada, prior to submission of Bids for this project. Upon award, the successful Respondent will be required to obtain a North Las Vegas Business License.

**11. PUBLIC OPENING:**

Bids received will be opened and the name of the Respondent's company will be read publicly at the time and place indicated in the Bid documents. Respondents, their authorized agents, and the public are invited to be present. No responsibility will attach to any City official or employee for the pre-opening of, or the failure to open, a Bid not properly addressed or identified.

**12. TERM OF THE CONTRACT:**

The Contract shall have a term of two (2) years with two (2), one (1) year extensions or as otherwise stated in the Contract.

**13. INSURANCE:**

Prior to the commencement of the Contract, each successful Respondent must provide properly executed Certificates of Insurance to the City, which shall clearly evidence all insurance required by the City, including a policy or certificate of comprehensive general liability insurance in which the City, its public officials, officers, employees, agents, and volunteers shall be the named insured or be named as an additional insured. In compliance with this provision, the Respondent may file with the City a satisfactory policy providing a minimum \$1,000,000 "blanket coverage" policy or certificate of insurance. Such insurance will be primary and any insurance or self-insurance maintained by the City will apply in excess of, and not contribute with, the insurance required. Required insurance shall not be canceled, allowed to expire, or be materially reduced in coverage until after 30 days' written notice has been given to and approved in writing by, the City Attorney or the City Risk Manager.

The Respondent shall secure, maintain in full force and effect, and bear the cost of the following insurances throughout the duration of the contract:

**COMMERCIAL GENERAL LIABILITY**

Each Occurrence	\$1,000,000 each occurrence/accident
Products/Completed Operations	\$2,000,000 aggregate
Property Damage	\$1,000,000
Personal/Advertising Injury	\$1,000,000
COMBINED SINGLE LIMIT OF	\$1,000,000
Aggregate of	\$2,000,000

**AUTOMOBILE LIABILITY**

Bodily Injury - - - - -	\$1,000,000 each accident
Property Damage - - - -	\$1,000,000 each accident

Coverage must include all owned, leased, hired, non-owned and employee non-owned vehicles, where applicable, Personal Injury Protection.

**WORKERS' COMPENSATION**

Nevada Statutory Requirements

If no employees, then Exhibit D- Affidavit of Rejection of Coverage for Workers' Compensation must be completed and submitted with response to this Bid. The City, or any of its officers or employees, will not be responsible for any claims or suits in law or equity occasioned by the failure of the successful Respondent to comply with the provisions of this paragraph.

Such insurance shall include the specific coverage set out herein and be written for NOT LESS THAN the limits of liability and coverage provided in the "Insurance Service Office", or required by law and other governing agencies, whichever is greater. The cost of this insurance shall be deemed included in the Bid prices and no additional compensation will be made.

In addition, the Respondent shall furnish evidence of a commitment by the insurance company to notify the City by registered mail of the expiration or cancellation of the insurance policies required not less than 30 days before the expiration or cancellation is effective.

**14. INDEMNITY:**

The successful Respondent agrees to defend, indemnify, and hold the City, its officers, agents, and employees, harmless from any and all liabilities, causes of action, claims, damages, losses, expenses, proceedings, actions, judgements, reasonable attorneys' fees, and court costs which the City suffers or its officers, agents, or employees suffer, as a result of, or arising out of, the negligent or intentional acts or omissions of Respondent, its subcontractors, agents, and employees, in the fulfillment or performance of the work described herein until such time as the applicable statutes of limitation expire.

**15. PROVISIONS PROVIDED BY LAW:**

Each and every provision and clause required by law to be inserted in the Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the Contract forthwith shall be physically amended to make such insertion or correction. The Respondent's attention is directed to the fact that all applicable city, county, state, and federal laws, and the rules and regulations of all authorities having jurisdiction over the project shall apply to the Contract throughout its duration and such laws, rules, and regulations will be deemed to be included in the Contract the same as though they had been written out in full herein.

**16. ADDENDA INTERPRETATIONS:**

If it becomes necessary to revise any part of this Bid, a written or electronic addendum will be provided publicly. The City is not bound by any oral clarifications changing the scope of work for this project.

**17. CANCELLATION OF CONTRACT:**

The City reserves the right to cancel the award or execution of any contract at any time before the Contract has been approved by the City Council without any liability or claims thereof against the City.

**18. TERMINATION FOR CONVENIENCE:**

The City shall have the right at any time to terminate further performance of the Contract, in whole or in part, for any reason whatsoever (including no reason). Such termination shall be effected by written notice from the City to the Respondent, specifying the extent and effective date of the termination. On the effective date of the termination, the successful Respondent shall terminate all work and take all reasonable actions to mitigate expenses. The successful Respondent shall submit a written request for incurred costs for services performed through the date of termination within 30 days of the date of termination. All requests for reimbursement of incurred costs shall include substantiating documentation requested by the City. In the event of such termination, the City agrees to pay the successful Respondent, thirty days after receipt of a correct, adequately documented written request. The City's sole liability under this Paragraph is for payment of the costs for the services requested by the City and actually performed by the successful Respondent.

19. **TAXES:**  
The City is exempt from state, retail, and federal excise taxes. The Bid price must be net, exclusive of taxes.
20. **EXCEPTIONS:**  
Each Respondent must list on a separate document any exceptions to specifications and attach it to their Bid. Exceptions, deviations, or contingencies requested in Respondent's bid response, while possibly necessary in the view of the Respondent, may result in lower scoring or disqualification of a Bid response.
21. **FISCAL FUNDING OUT:**  
In the event the City fails to appropriate funds for the performance of the Contract, the Contract will terminate once the existing funds have been exhausted.
22. **LIMITATION OF FUNDING:**  
The City reserves the right to reduce estimated or actual quantities, in whatever amount necessary, without prejudice or liability to the City, if funding is not available or if legal restrictions are placed upon the expenditure of monies for the services required under the Contract.
23. **ESCALATION:**  
Prices may not be increased during the first two (2) year term (the "Initial Term"). The prices submitted in your Bid must remain firm throughout the Initial Term of the contract. Any intended escalation for the possible extensions must be included in the Respondent's Bid. If escalations are not included for the possible extensions, the price for the Initial Term will apply for each possible extension unless otherwise permitted by the City.
24. **AUDIT OF RECORDS:**
- (a) The successful Respondent agrees to maintain financial records pertaining to all matters relative to this Bid in accordance with standard accounting principles and procedures and to retain all records and supporting documentation applicable to this Bid for a period of three (3) years after completion of this Bid and any subsequent extensions thereof. All records subject to audit findings shall be retained for three (3) years after such findings have been resolved. In the event the successful Respondent goes out of existence, the successful Respondent shall turn over to the City all of its records relating to this Bid. The successful Respondent agrees to give the City access to records immediately upon request.
  - (b) The successful Respondent agrees to permit the City or the City's designated representative(s) to inspect and audit its records and books relative to this Bid at any time during normal business hours and under reasonable circumstances and to copy and/or transcribe any information concerning successful Respondent's operation hereunder, at the City's discretion. The successful Respondent further understands and agrees that said inspection and audit would be exercised upon written notice. If the successful Respondent or its records and books are not located within Clark County, Nevada, and in the event of an inspection and audit, successful Respondent agrees to deliver the records and books or have the records and books delivered to the City or the City's designated representative(s) at an address within the City as designated by the City. If the City or the City's designated representative(s) finds that the records and books delivered by the successful Respondent are incomplete, the successful Respondent agrees to pay the City's or the City's representative(s)' costs to travel (including travel, lodging, meals, and other related expenses) to the successful Respondent's offices to inspect, audit, retrieve, copy and/or transcribe the complete records and books. The successful Respondent further agrees to

permit the City or the City's designated representatives to inspect and audit, as deemed necessary, all records of this project relating to finances, as well as other records including performance records that may be required by relevant directives of funding sources of the City.

- (c) If, at any time during the term of this Bid, or at any time after the expiration or termination of the Bid, the City or the City's designated representative(s) finds the dollar liability is less than payments made by the City to the successful Respondent, the successful Respondent agrees that the difference shall be either: (i) repaid immediately by the successful Respondent to the City or (ii) at the City's option, credited against any future billings due the successful respondent.
- (d) The successful Respondent must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order; however, if the City decides that the facts justify, the City may receive and act upon an invoice submitted before final payment of the Bid.
- (e) The successful Respondent shall provide current, complete, and accurate documentation to the City in support of any equitable adjustment. Failure to provide adequate documentation, within a reasonable time after a request from the City will be deemed a waiver of the successful respondent's right to dispute.

**25. INDEPENDENT CONTRACTOR:**

In the performance of services under the Contract, the successful Respondent and any other persons employed by it shall be deemed to be an independent contractor and not an agent or employee of the City. The City shall hold the successful respondent company ("Company") as the sole responsible party for the performance of the Contract. The Respondent shall maintain complete control over its employees. Nothing contained in this Invitation to Bid, the Contract, or awarded by the City shall create a partnership, joint venture, or agency. Neither party shall have the right to obligate or bind the other party in any manner to any third party. The Contract may not be subcontracted.

**26. COMPANY PERSONNEL:**

The successful Respondent is solely responsible for the supervision and control of its staff performing work under the Contract; however, the City reserves the right to request removal from its premises the successful Respondent's "on site" staff personnel for just cause, and the successful Respondent shall take reasonable action to comply with the request. Upon award of the Contract, a listing of all personnel authorized to participate in the awarded program shall be submitted and included as part of the executed agreement.

**27. KEY PERSONNEL:**

The City designates Marie Leake, Buyer, as the responsible party for managing this Bid Advertisement. He can be reached at 702-633-2440 or at Marie Leake, Buyer and is available Monday through Thursday from 6am to 4pm.

The City also designates Daniel Ybarra, Operations Supervisor, as the project manager for this service. He can be contacted at 702-633-1124 or at [ybarrad@cityofnorthlasvegas.com](mailto:ybarrad@cityofnorthlasvegas.com) and is available Monday through Thursday from 8am to 4pm.

The cutoff date for any questions regarding this is **April 06, 2020, at 12:00 p.m. Pacific Standard Time.** Any questions submitted beyond this cut off time will not be answered.

**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing**

**DEFINITIONS**

**Bid** - document submitted by Respondent in NGEM to the City of North Las Vegas offering the product or service that meets the requested specifications. Respondent will fill out the bid document with their price offering and complete all required documents

**Certificates of Insurance** – a document issued by an insurance company/broker that is used to verify the existence of insurance coverage under specific conditions granted to listed individuals. This document should list the effective date of the policy, the type of insurance coverage provided and the type and dollar amount of applicable liability and shall list the City of North Las Vegas, its public officials, officers, employees, agents, and volunteers, as an additional insured.

**City** - the City of North Las Vegas.

**City Attorney** – the lawyer employed by the City, who is legally appointed as legal counsel to transact business on the City's behalf.

**City Clerk** - a public officer charged with recording the official proceedings and vital statistics of the City.

**City Council** - the legislative body that governs the city.

**City Manager** - a person not publicly elected but appointed by the City Council to manage the City.

**City Records** - information, minutes, files, accounts or other records which the City is required to maintain, and which must be accessible to scrutiny by the public.

**City Staff** - any person currently employed by the City.

**Contract** – the written agreement between the City and the Respondent selected by the City as having the best Proposal, as approved by City Council and fully executed by the parties.

**Invitation to Bid** - the official legal published advertisement of the bid requirements.

**Key Personnel** - defined City employees listed in Paragraph 27.

**Pre-Bid Meeting** – a meeting that Respondent may attend to have the project requirements defined. This allows the Respondent to ask questions necessary to enable Respondent to provide a bid.

**Nevada Public Records Law** – as defined in NRS Chapter 239.

**Purchasing Department** – Department that reviews the bids for compliance to specifications, reviews the pricing, and awards the bid to the most responsive and responsible Respondent.

**Recommendation of Award Notification** – notification to the general public the City has recommended a Respondent who has been selected based on having the best bid/proposal by meeting the Criteria listed in the bid/Proposal documents. This Recommendation of Award goes to the City Council and upon City Council approval will be selected to fulfill the requirements as outlined in the bid.

**Representative** – person who represents a company and compiles questions to enable the company to submit a bid that accurately identifies the City's requirements.

**Respondent** – Vendor who offers the requested product or service to the City on the official bid document.

**Subcontractor** – a person who, or business that, contracts to provide some service or material necessary for the performance of another's contract.

**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing**

**SCOPE OF WORK**

**PROJECT BACKGROUND AND DESCRIPTION STATEMENT**

The City of North Las Vegas conducts its Water Reclamation Facility and Industrial Pretreatment and drinking water testing with one vendor.

The testing for the WRF consist of daily, weekly and quaterly testing of influent and effluent samples with the Acute Toxicity Testing on a monthly basis and Chronic Testing on a quarterly basis.

All laboratory test reports shall be submitted in a hard copy and spreadsheet format both of which may be emailed to the WRF and periodic water testing to Utilities Dept. A list of all test required are listed below. The City may add or remove testing as necessary.

**1. Scope of Work:**

The City of North Las Vegas us requesting laboratory services for the following sections:

Water Reclamation Facility Discharge

- Daily Analysis

<b>Daily Testing Influent CNLV WRF</b>			
<b>Requested Parameters</b>	<b>Method</b>	<b>Matrix</b>	<b>Remarks</b>
BOD - CWA	SM5210B	Wastewater	
Total Suspended Solids - CWA	SM2540D	Wastewater	
Phosphorus as P, Total	SM4500P E	Wastewater	
Ammonia, as N - CWA	SM4500NH3 D	Wastewater	
Kjeldahl Nitrogen, Total (TKN)	SM4500NORG B	Wastewater	

<b>Daily Testing Effluent CNLV WRF</b>			
<b>Requested Parameters</b>	<b>Method</b>	<b>Matrix</b>	<b>Remarks</b>
BOD - CWA	SM5210B	Wastewater	
Total Suspended Solids - CWA	SM2540D	Wastewater	
Phosphorus as P, Total	SM4500P E	Wastewater	
Ortho-Phosphate as P	SM4500P E	Wastewater	
Ammonia, as N - CWA	SM4500NH3 D	Wastewater	
Fecal Coliform	SM9222D	Wastewater	

- Weekly Analysis

<b>Weekly Testing Influent CNLV WRF</b>			
<b>Requested Parameters</b>	<b>Method</b>	<b>Matrix</b>	<b>Remarks</b>
BOD - CWA	SM5210B	Wastewater	

Total Suspended Solids - CWA	SM2540D	Wastewater	
Phosphorus as P, Total	SM4500P E	Wastewater	
Ammonia, as N - CWA	SM4500NH3 D	Wastewater	
Kjeldahl Nitrogen, Total (TKN)	SM4500NORG B	Wastewater	
Ortho-Phosphate as P	SM4500P E	Wastewater	
Total Dissolved Solids- CWA	SM2540C	Wastewater	
Anions-CWA (Cl,F,NO2,NO3,SO4)	EPA 300.0	Wastewater	Fluoride

Weekly Testing Effluent CNLV WRF			
Requested Parameters	Method	Matrix	Remarks
BOD - CWA	SM5210B	Wastewater	
Total Suspended Solids - CWA	SM2540D	Wastewater	
Ortho-Phosphate as P	SM4500P E	Wastewater	
Ammonia, as N - CWA	SM4500NH3 D	Wastewater	
Phosphorus as P, Total	SM4500P E	Wastewater	
Kjeldahl Nitrogen, Total (TKN)	SM4500NORG B	Wastewater	
Total Dissolved Solids- CWA	SM2540C	Wastewater	
Nitrogen, Inorganic-Calc. Only	calc.	Wastewater	
Anions-CWA (Cl,F,NO2,NO3,SO4)	EPA 300.0	Wastewater	Cl,F, N02, N03, 504
Fecal Coliform	SM9222D	Wastewater	

Weekly Testing Influent CNLV WRF Reuse Water			
Requested Parameters	Method	Matrix	Remarks
BOD - CWA	SM5210B	Groundwater	
Total Suspended Solids - CWA	SM2540D	Groundwater	
Total Nitrogen	Calc.	Groundwater	

- Monthly Analysis

Monthly Testing Effluent CNLV WRF			
Requested Parameters	Method	Matrix	Remarks
Acute Toxicity Testing	EPA2021.0	Wastewater	Bioassay - 48 Hour
Acute Toxicity Testing	EPA2021.0	Wastewater	Bioassay - 96 Hour

- Quarterly Analysis

Quarterly Testing Influent CNLV WRF			
Requested Parameters	Method	Matrix	Remarks
BOD - CWA	SM5210B	Wastewater	
Total Dissolved Solids- CWA	SM2540C	Wastewater	
Total Suspended Solids - CWA	SM2540D	Wastewater	
Anions-CWA (Cl,F,NO2,NO3,SO4)	EPA 300.0	Wastewater	Fluoride
Ammonia, as N - CWA	SM4500NH3 D	Wastewater	

Kjeldahl Nitrogen, Total (TKN)	SM4500NORG B	Wastewater	
Phosphorus as P, Total	SM4500P E	Wastewater	
Fecal Coliform	SM9222D	Wastewater	
Metals, 200.7 - CWA	EPA 200.7	Wastewater	B, Fe
Metals-SDWA 200.8	EPA 200.8	Wastewater	Sb, As, Be, Cd, Cr, Cu, Pb, Mo, Ni Se, Ag, Tl, U, Zn
Total Recoverable Mercury	EPA245.2	Wastewater	
Semi VOC (SVOC)	EPA625	Wastewater	See attachment A
Organochlorine Pesticides & PCB	EPA608	Wastewater	See attachment A
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA1613B	Wastewater	
Total Cyanide	SM4500	Wastewater	
Volatile Organic Compounds (VOC)	EPA624	Wastewater	See attachment A
Total Recoverable Boron	EPA 200.2	Wastewater	
Total Recoverable Iron	EPA 200.2	Wastewater	
Total Recoverable Manganese	EPA 200.2	Wastewater	
Sulfide, total (as S)	SM 4500S2	Wastewater	

Quarterly Testing Effluent CNLV WRF			
Requested Parameters	Method	Matrix	Remarks
BOD - CWA	SM5210B	Wastewater	
Total Dissolved Solids- CWA	SM2540C	Wastewater	
Total Suspended Solids - CWA	SM2540D	Wastewater	
Ortho-Phosphate as P	SM4500P E	Wastewater	
Anions-CWA (Cl, F, NO <sub>2</sub> , NO <sub>3</sub> , SO <sub>4</sub> )	EPA 300.0	Wastewater	Cl, F, NO <sub>2</sub> , NO <sub>3</sub> , SO <sub>4</sub>
Ammonia, as N - CWA	SM4500NH <sub>3</sub> D	Wastewater	
Kjeldahl Nitrogen, Total (TKN)	SM4500NORG B	Wastewater	
Phosphorus as P, Total	SM4500P E	Wastewater	
Fecal Coliform	SM9222D	Wastewater	
Nitrogen, Inorganic-Calc. Only	calc.	Wastewater	
Metals, 200.7 - CWA	EPA 200.7	Wastewater	B, Fe
Metals-SDWA 200.8	EPA 200.8	Wastewater	Sb, As, Be, Cd, Cr, Cu, Pb, Mo, Ni Se, Ag, Tl, U, Zn
Total Recoverable Mercury	EPA245.2	Wastewater	
Semi VOC (SVOC)	EPA625	Wastewater	See attachment A
Organochlorine Pesticides & PCB	EPA608	Wastewater	See attachment A
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA1613B	Wastewater	
Total Cyanide	SM4500	Wastewater	
Phenolics, Total CWA	EPA420.1		
Volatile Organic Compounds (VOC)	EPA624	Wastewater	See attachment A
Asbestos	EPA100.0	Waterwater	
Chronic Toxicity Testing - 7		Waterwater	Ceriodaphnia dubis,

Day			Pimephales promelas - If necessary
Total Recoverable Boron	EPA 200.2	Waterwater	
Total Recoverable Iron	EPA 200.2	Waterwater	
Total Recoverable Manganese	EPA 200.2	Waterwater	
Sulfide, total (as S)	SM 450052	Waterwater	
Analytical Test-Not Otherwise Spec. WRF			**To Be Requested as needed**

Quarterly- Centrifuge Cake WRF			
Requested Parameters	Method	Matrix	Remarks
TCLP 8-11 including Cu, Mo, Ni, Zn		Aqueous	Incl. Cu, Mo, Ni, Zn
Mercury - CWA	EPA 245.2		
Metals, 200.7 - CWA	SM 200.7		
Preparation for Metals	EPA 200.7		
Volitile Organic Compounds, EPA 8260	EPA 8260B		
TPH-FULL-SOLID		Solid	
TPH - Diesel Range Organics	EPA 8015B		
TPH - Gasoline Range Organics	EPA 8015B		
Total Solids - CWA	SM 2540B	Aqueous	
PH - Food, Soils, Solids	SM 4500+ B	Other	
Anions-CWA (Cl,F,NO2,NO3,SO4)	EPA 300.0	Aqueous	Nitrate, Nitrite
Kjeldahl Nitrogen, Total (TKN)	SM 4500NORG	Aqueous	
Ammonia as N - CWA	SM 4500NH3 D	Aqueous	
Nitrogen, Total - Calc. Ony	Calc.	Aqueous	
Nitrogen, Organic - Calc. Ony	Calc.	Aqueous	
TCLP SVOC, EPA 8270 - Soil		Soil	Incl. Total Cresol

Quarterly- Fine Screen WRF			
Requested Parameters	Method	Matrix	Remarks
TCLP 8-11 including Cu, Mo, Ni, Zn		Aqueous	Incl. Cu, Mo, Ni, Zn
Mercury - CWA	EPA 245.2		
Metals, 200.7 - CWA	SM 200.7		
Preparation for Metals	EPA 200.7		
Volitile Organic Compounds, EPA 8260	EPA 8260B		
TPH-FULL-SOLID		Solid	
TPH - Diesel Range Organics	EPA 8015B		
TPH - Gasoline Range Organics	EPA 8015B		
Total Solids - CWA	SM 2540B	Aqueous	
PH - Food, Soils, Solids	SM 4500+ B	Other	
Cyanide, Total - CWA	SM 4500CN C-	Aqueous	Incl. Free Cyanide

Phenolics, Total	EPA420.1	Aqueous	
Flashpoint - CWA	EPA 1010A	Aqueous	
TCLP SVOC, EPA 8270 - Soil		Soil	Incl. Total Cresol
Pesticides, Organo Chlorine- EPA 8081	EPA 8081	Aqueous	
PCB's by EPA 8082	EPA 8082		

Quarterly- Coarse Screen WRF			
Requested Parameters	Method	Matrix	Remarks
TCLP 8-11 including Cu, Mo, Ni, Zn		Aqueous	Incl. Cu, Mo, Ni, Zn
Mercury - CWA	EPA 245.2		
Metals, 200.7 - CWA	SM 200.7		
Preparation for Metals	EPA 200.7		
Volitile Organic Compounds, EPA 8260	EPA 8260B		
TPH-FULL-SOLID		Solid	
TPH - Diesel Range Organics	EPA 8015B		
TPH - Gasoline Range Organics	EPA 8015B		
Total Solids - CWA	SM 2540B	Aqueous	
PH - Food, Soils, Solids	SM 4500+ B	Other	
Cyanide, Total - CWA	SM 4500CN C-	Aqueous	Incl. Free Cyanide
Phenolics, Total	EPA420.1	Aqueous	
Flashpoint - CWA	EPA 1010A	Aqueous	
TCLP SVOC, EPA 8270 - Soil		Soil	Incl. Total Cresol
Pesticides, Organo Chlorine- EPA 8081	EPA 8081	Aqueous	
PCB's by EPA 8082	EPA 8082		

- Annual Analysis

Annual Testing CNLV Pre-Treatment			
Requested Parameters	Method	Matrix	Remarks
BOD5	SM5210B	Wastewater	
Total Suspended Solids - CWA	SM2540D	Wastewater	
Total Nitrogen	SM4500	Wastewater	
Total Dissolved Solids	SM2540C	Wastewater	
Total Phosphorus	EPA365.1	Wastewater	
Semi VOC (SVOC)	EPA625	Wastewater	
Total Cyanide	SM4500	Wastewater	
Total Recoverable Selenium	EPA200.7	Wastewater	
Total Recoverable Mercury	EPA245.2	Wastewater	
Total Recoverable Copper	EPA200.7	Wastewater	
Total Recoverable Cadmium	EPA200.7	Wastewater	
Total Recoverable Arsenic	EPA200.7	Wastewater	
Total Recoverable Zinc	EPA200.7	Wastewater	
Total Recoverable Silver	EPA200.7	Wastewater	
Total Recoverable Nickel	EPA200.7	Wastewater	
Total Recoverable Lead	EPA200.7	Wastewater	

Total Recoverable Chromium	EPA200.7	Wastewater	
Total Recoverable Beryllium (as Be)	EPA200.7	Wastewater	
Total Recoverable Cobalt	EPA200.7	Wastewater	
Total Recoverable Tin	EPA200.7	Wastewater	
Oil and Grease	EPA418.1	Wastewater	
Analytical Test-Not Otherwise Spec.			**To Be Requested as needed**

- Periodic Analysis

Periodic Testing CNLV Drinking Water			
Requested Parameters	Method	Matrix	Remarks
Fecal Coliform	COLILERT-18	Drinking water	
Analytical Test-Not Otherwise Spec.			**To Be Requested as needed**
Analytical Test-Not Otherwise Spec.			**To Be Requested as needed**

**Attachment A**

VOC's by EPA 624 Include:	SVOC's by EPA 625 Include:	
1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethylene 1,2-Dichlorobenzane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,3-Dichloropropene Dichlorobromomethane Ethylbenzene Methylene chloride Trans-1,2 Dichloroethylene 1,1,2,2-Tetrachloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2,4-Trichlorobenzene 2-ChlOC'Oethyl vinyl ether, (mixed) Acrolein Acrylonitrile Benzene Bormoform Carbon tetrachloride Chlorobenzene Chlorothane Chloroform Dibromochloromethane Hexachlorobutadiene Methyl bromide (Bromomelhane) Methyl chloride (Chloromelhane) Tetrachloroethylene Toluene Trichloroethylene Vinyl Chloride	2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dlchlorophenol 4-Chloro-3-methylphenol 1,2-Diphenylhydrazine 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dimethylphenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Nitrophenol 3,3-Dichlorobenzidine 4-Bromophenyl phenyl ether 4-Chlorophenyty phenyl ether 4-Nitrophenol Acenaphthene Acenaphthylene Anthracene Benzidine Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthena Bis(2-chloroathoxy) methane Bls(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-athrlhexyl) phthalate Butyl benzyl phthaltate Chrysene Dlbenzo(a,h)anthracene	Diethyl phthalate Dimethyl phthalate Di-n-bUtyl phthalate Di-n-octyl phthalate Floranthene Fluorene Hexachlorobenzene Hexachlorocyclopentadiene · Hexachloroethane Indeno(1,2,3-cd)pyrene Isophorone Naphthalene Nitorbenzene· N-Netrosodiphenylamine N-Nltrosodimethylamine N-Nitrosodi-N-propylamine Pentachlorophenol Phenanthrene Phenol Pyrene

Pesticides & PCB's by EPA 608 Include:			
PCB-1221	.gamma. – BHC	Endosulfane sulfate	Toxaphene
PCB-1242	4,4-DDD	Endrin aldehyde	
PCB-1254	4,4-DDE	Heptachlor	
.alpha.- BHC	4,4-DDT	Heptachlor epoxide	
.alpha.- Endosulfan	Aldrin	PCB-1016	
.beta. – Endosulfan	Chlordane	PCB-1232	
.beta. – BHC	Endrine	PCB-1248	
.delta. – BHC	Dieldrin	PCB-1260	

**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing**

**EXHIBIT LISTING**

**Exhibit A** - Offer Statement and Business Information which consists of the following:

- (a) An individual authorized to bind the Company should sign the statement, and the date signed should follow the signature.
- (b) Provide the name and phone number of the representative authorized to negotiate on behalf of the Respondent and answer questions regarding the Bid.
- (c) Provide copies of all Respondent's held state and local licenses applicable to performance of the subject potential Contract. Any Respondent conducting business must have a City of North Las Vegas Business License upon award of the contract. Information concerning City Business License requirements and fees may be obtained by calling the Business Services Division at 702-633-1520. However, a business license is not required to provide a Bid to the City.
- (d) Acknowledgement of any Bid addenda.

**Exhibit B** – Qualifications and Experience of Respondent

**Exhibit C** –Affidavit of Rejection of Coverage for Workers' Compensation under NRS 616B.627 and NRS 617.210 (If applicable, this form must also be notarized)

**Exhibit D** – Non-Collusion Affidavit \*\* this form must be notarized \*\*

**Exhibit E** – Written Certification Required by NRS 332.065(3) for contracts with an estimated annual amount required for performance that is in excess of \$100,000.00.





**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing  
EXHIBIT B – QUALIFICATIONS AND EXPERIENCE OF RESPONDENT (Continued)**

**Example Contract 2:**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Point of Contact: \_\_\_\_\_ Phone Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Brief Description of Contract Scope: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Term of Contract (Base plus Option Years): \_\_\_\_\_

Year of Base Contract Award: \_\_\_\_\_ Year Contract Completed: \_\_\_\_\_

Base Contract Amount: \$ \_\_\_\_\_ Total Contract Amount (including all option years) \$ \_\_\_\_\_

Did the contract contain a liquidated damages clause?  YES  NO

If yes, were damages assessed?  YES  NO If yes, what was the amount assessed? \$ \_\_\_\_\_

**Example Contract 3:**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Point of Contact: \_\_\_\_\_ Phone Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Brief Description of Contract Scope: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Term of Contract (Base plus Option Years): \_\_\_\_\_

Year of Base Contract Award: \_\_\_\_\_ Year Contract Completed: \_\_\_\_\_

Base Contract Amount: \$ \_\_\_\_\_ Total Contract Amount (including all option years) \$ \_\_\_\_\_

Did the contract contain a liquidated damages clause?  YES  NO

If yes, were damages assessed?  YES  NO If yes, what was the amount assessed? \$ \_\_\_\_\_

**(ATTACH ADDITIONAL SHEET(S) IF EXTRA SPACE IS NEEDED)**

**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing  
EXHIBIT C – AFFIDAVIT OF REJECTION OF COVERAGE  
FOR WORKERS’ COMPENSATION  
UNDER NRS 616B.627 AND NRS 617.210**

In the State of Nevada, County of Clark, \_\_\_\_\_, being duly sworn,  
deposes and says:

1. I make the following assertions pursuant to NRS 616B.627 and NRS 617.210.
2. I am a sole proprietor who will not use the services of any employees in the performance of this Contract with the City of North Las Vegas.
3. In accordance with the provisions of NRS 616B.659, I have not elected to be included within the terms, conditions and provisions of chapters 616A to 616D, inclusive, of NRS, relating thereto.
4. I am otherwise in compliance with the terms, conditions and provisions of chapters 616A to 616D, inclusive, of NRS.
5. In accordance with the provisions of NRS 617.225, I have not elected to be included within the terms, conditions and provisions of chapter 617 of NRS.
6. I am otherwise in compliance with the terms, conditions and provisions of chapter 617 of NRS.
7. I acknowledge that the City of North Las Vegas will not be considered to be my employer or the employer of my employees, if any; and that the City of North Las Vegas is not liable as a principal contractor to me or my employees, if any, for any compensation or other damages as a result of an industrial injury or occupational disease incurred in the performance of this Contract.

I, \_\_\_\_\_, do here swear under penalty of perjury that the assertions of  
this affidavit are true.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Signature \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

Signed and sworn to (or affirmed) before me on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_,

by \_\_\_\_\_ (name of person making statement).

Notary Signature \_\_\_\_\_

STAMP AND SEAL



**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing  
EXHIBIT D- Non-Collusion Affidavit**

State of \_\_\_\_\_ County of \_\_\_\_\_

\_\_\_\_\_ being first duly sworn deposes that:

- (1) He/She is the \_\_\_\_\_ of \_\_\_\_\_, the Respondent that has submitted the attached Bid.
- (2) He/She is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Respondent, firm, or person to submit a collusive or sham Bid in connection with the contract or agreement for which the attached Bid has been submitted or to refrain from making a Bid in connection with such contract or agreement, or collusion or communication or conference with any other Respondent, or, to fix any overhead, profit, or cost element of the Bid price or the Bid price of any other Respondent, or to secure through collusion, conspiracy, connivance, or unlawful agreement any advantage against the City of North Las Vegas or any person interested in the proposed contract or agreement; and
- (5) The Bid of service outlined in the Bid is fair and proper and is not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the Respondent/team or any of its agents, representatives, owners, employees, or parties including this affiant.

(Signed): \_\_\_\_\_  
Title:

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 201\_\_.

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_



**CITY OF NORTH LAS VEGAS  
INVITATION TO BID  
BID B-1563 Water Reclamation Facility Laboratory Testing  
EXHIBIT E - Written Certification**

Pursuant to NRS 332.065(3), a governing body or its authorized representative shall not enter into a contract with an estimated value in excess of \$100,000 with a company unless the contract includes a written certification that the company is not currently engaged in, and agrees for the duration of the contract not to engage in, a boycott of Israel.

By signing below, the Respondent agrees and certifies that they do not currently boycott Israel and will not boycott Israel during any time in which they are entering into, or while in contract, with the City. If at any time after the signing of this certification, the Respondent decides to engage in a boycott of Israel, the Respondent must notify the City in writing.

\_\_\_\_\_  
AUTHORIZED SIGNATURE NAME (TYPE OR PRINT)

\_\_\_\_\_  
LEGAL NAME OF RESPONDENT

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
TITLE