Mayor
John J. Lee

Council Members
Scott Black
Pamela A. Goynes-Brown
Isaac E. Barron
Richard J. Cherchio

City Manager
Ryann Juden

CITY OF NORTH LAS VEGAS
Your Community of Choice

Finance Department
Purchasing-Risk Management Department
2250 Las Vegas Boulevard, North · Suite #710 · North Las Vegas, Nevada 89030
Telephone: (702) 633-2438 · Fax: (702) 669-3328 · TDD: (800) 326-6868
www.cityofnorthlasvegas.com

February 27, 2020

CITY OF NORTH LAS VEGAS
INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane

Bids will be received electronically only through the Nevada Gov eMarketplace (NGEM) System at www.ngemnv.com until **April 06, 2020 at 1:00 P.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.

An optional Pre-Bid Meeting will be held on **March 03, 2020 at 10:00 a.m.** in the City of North Las Vegas Finance Department in Conference Room #703, 2250 Las Vegas Boulevard North, North Las Vegas, Nevada, 89030. The purpose of this meeting is to discuss the Invitation to Bid requirements and answer any questions or concerns.

All questions or concerns must be submitted electronically in the NGEM System or via e-mail to Marie Leake, Buyer, at leakem@cityofnorthlasvegas.com. The cut-off time for all questions is **March 17, 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 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.

Catherine A. Raynor

Catherine A. Raynor, MMC
City Clerk

Published in the Las Vegas Review Journal
(February 27, 2020)

CITY OF NORTH LAS VEGAS INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane

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 goods 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.ngemnv.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 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). 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 until Utility Crane Trucks have been delivered to the City

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 term of the Contract.

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 Mike Hudgeons, City Traffic Engineer, as the project manager for this service. He can be contacted at 702-633-1224 or at Hudgeonsm@cityofnorthlasvegas.com and is available Monday through Thursday from 8am to 4pm.

The cutoff date for any questions regarding this is **March 17, 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-1597-Utility Crew Truck with Crane

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-1597-Utility Crew Truck with Crane

SCOPE OF WORK

1. Scope of Work:

It is the intent of these specifications to provide, as nearly as possible, a vehicle that will conform to specifications suitable for rugged, continual service by the City of North Las Vegas, Nevada. The vehicles or equipment shall be new and unused and comply with all minimum specifications contained herein. The vehicle or equipment shall comply with all Federal Department of Transportation, State of Nevada Occupational Safety and Health Act, Emission Control Standards for Nevada, and all safety standards in effect at time of delivery to the City of North Las Vegas.

Specification
General Specification # 1 • Class 7 Conventional • Crew Cab • GVWR 33,000 lbs • Front Axle: 12,000 lb GAWR • Rear Axle: 21,000 lb GAWR • 4x2
Engine & Equipment Specification #2 • Cummins Diesel 325 hp minimum with 750 lb-ft of torque @ 1800 rpm • Air cleaner-dry type • Engine warning/shut down including warning light and chime. Engine protection shut down must be enabled • Fuel/water separator • Oil cooler-integral • Air restriction indicator • Alternator 150 amp minimum • Single Horizontal exhaust
Transmission & Equipment Specification #3 • Allison 3500 RDS series automatic matched to engine HP and torque. Left side PTO capable with ability to drive crane, compressor and hydraulic tool circuit without overheating. PTO port must be accessible for mounting PTO with direct mount pump. Transmission shall be equipped with low oil level sensor. Push-button control. • Must be capable of 75 MPH highway speeds @ approximately 1800 RPM • Transmission shall be auto neutral when PTO is engaged.
Front Axle & Suspension Specification #4 • Tubeless radial w/11R22.5 • I Beam type • 12,000 lbs rating • Parabolic Taper Leaf Shackl Type with Shock Absorbers
Rear Axle & Suspension Specification #5 • 21,000 lbs rear axle capacity • Axle ratio: 4.56-capable of 75 mph highway speeds @ approximately 1800 engine RFP • Vari Rate springs for load • Shock absorbers
Brake System Specification #6 • Air Break system • ABS • Auto drains on all tanks

- Bendix AD9 air dryer with heater (no sub)
- Front and rear disc breaks
- Auto slack adjusters front and rear

Frame & Wheelbase Specification # 7

- 120,000 psi yield steel frame
- Wheelbase: 195" approximate
- Cab to axle 84" approximate

Chassis Equipment Specification #8

- Bumper front full width steel- painted manufacturer's standard color
- (1) Boise Metal Works cone holder p/n BMW04220901 (no sub) installed on the front bumper with chassis specific hinged mounting bracket.
- Two front tow hooks, one per side
- Truck must have a clean frame from the back of the cab

Fuel Tanks & Equipment Specification #9

- Minimum 90 gallon fuel capacity (Fuel tank and DEF tank must be flush mount with the cab)
- Largest fuel capacity available without extending beyond back of cab
- (2) Top Draw, Non Polished Aluminum 40 US Gallon left side, 50 US Gallon right side, mounted left and right side under cab

Tires & Wheels Specification #10

- (7) Heavy duty disc wheels w/11R22.5 premium grade radial tires rated for maximum allowable GVW rating for model offered; full size spare wheel and tire

Cab Exterior & Interior Specification #11

- Hood- fiberglass forward titling front end including noise and splash shields and mud flaps.
- Two high back air ride seats and factory installed center console. Integrated head rests. Seat backs must be fully adjustable.
- Rear bench seat
- Horns-dual air single base.
- Mirrors- dual Powered
- Factory glass all around.
- Windshield- clear laminated glass.
- Windshield wipers- two speed electric with windshield washer.
- Factory installed dash instrument gauge package with tachometer and hour meter.
- Factory installed air conditioning and heating.
- AM/FM radio.
- Dome light.
- Power locks and power windows.
- Ecco P/N EC7004SK (or equivalent) Back-up camera with (4) integrated ultrasonic proximity sensors and audible warning in cab
- Dual sun visors
- (2) 12v auxiliary outlets
- (1) Factory installed lighted PTO control switch (electric shift)
- Rubber floor mats
- Electronic backup alarm
- Preprinted UV laminate labels to be applied to switches to describe assigned functions
- Laptop computer stand with adjustable mounting bracket
  - Mounted on passenger side floor
  - Adjustable telescoping stand with Havis Dock and charge guard (No Subs)
  - Rotating swivel arms to allow positioning for use by driver or passenger
  - Universal laptop mounting platform
  - 360 degree swivel

Lighting & Electrical Specification #12

- DOT APPROVED: Light Emitting Diode (LED)

- Basic wiring schematic 12v negative ground system.
- Automatic self-reset circuit breakers.
- Halogen headlights.
- Solid state HD flasher.
- Self-canceling turn signals
- Multi-strobe system supplied and installed
  - (2) Federal Signal Micropulse Ultra strobe lights, (1) each side of body above fender wells
  - (2) Federal Signal corner strobe lights, (1) in each headlamp
  - (2) Federal Signal Quadraflare LED lights, mounted on rear of body
- Federal Signal Legend light bar mounted to cab
- Federal Signal Latitude (SL8S-A48) 48" directional light bar
  - Recessed in rear bumper
- Betts Industries Inc. P/N: M315191000 (no sub) 12V DC work light to illuminate rear work area
  - Light to be mounted with all wiring enclosed inside body
- Flush mount LED tail, clearance, directional and backup lights, trailer connection to be a 7 pin RV Flat.
- All components, lights and accessories shall be mounted/ installed per manufacturer recommendations.
- All wiring shall be loomed hidden and protected at chafing points. Scotch lock type connectors are not permitted.
- All aftermarket installed equipment such as utility body, crane, compressor and lighting shall utilize truck manufacturer- installed programmable power modules, switches, and controller(s). Switches and controllers shall be factory dash mounted in plain view of the operator. Final location to be approved by Fleet. Chassis shall be factory pre wired/ equipped for all aftermarket up-fitter installed equipment. Provisions to include power sources, remote start, stop idle control and auto neutral. All wiring shall be loomed, hidden and protected at chafing points. Scotch lock type connectors are not permitted. No more than 100 Milliamp draw with all modules turned off.
- (3) 12-volt batteries frame mounted under cab, 2850 minimum.

Paint Specification #13

- One color, white.
- Exterior: White Urethane with total finish thickness of minimum 4 mils, then baked dry.
- All aftermarket body and mounting components shall be undercoated with rubberized polyurethane undercoating.
- The crane body assembly shall be washed with a hot alkaline cleaner, phosphate coated and rinsed with seal coat to prevent flash rust. The body shall be baked dry, undercoated with rubberized polyurethane undercoating thoroughly sanded and prime painted. The unit to be top coated with industrial quality urethane paint to a total finish thickness of minimum 4 mils, then baked dry.
- Speedliner the front of the body white. Speedliner the cargo area floor and walls light grey. Speedliner tailgate interior, over the top and down the rear ¼".
- Front wheel color; vendor powder coated white.
- Rear wheel color; vendor powder coated white.
- (1) Spare wheel; vendor powder coated white

Manuals/Keys Specification #14

- Two sets of service, repair and diagnostic manuals to be provided for vehicle and all mounted equipment. Manuals to be delivered with vehicle. CD's or free online access to service and diagnostic manuals is an acceptable substitute for paper manuals.
- PC-based diagnostic software to troubleshoot diagnose and repair engine, transmission, cab, chassis and all vehicle subsystems including, but not limited to HVAC systems, instrument clusters, lighting, ABS brake systems and power distribution modules. All required interface adaptors and cabling must be provided.

- Six sets of keys for all locks/ ignitions.
- All compartments keyed alike.
- Manuals are to be delivered with the vehicle in binders. Binders shall be tabbed and organized by the system.
- Electrical and hydraulic schematics must be supplied for all auxiliary equipment to include interface to chassis. Handwritten schematics will not be accepted.

Steering Specification #15

- Power Assist

Special Equipment Specification #16

UTILITY BODY

- Stellar TMax 2-11' Crane Body (or equal): 133" long x 94" wide x 60" high side bins; right front two compartments to be raised to 60" high to accommodate full size oxygen/acetylene bottles. 22" deep compartments. Left side body compartments to be raised 60" high full length. Body to have a minimum rating to accept a 77,800 ft-lb crane. Body to have a standard right rear integrated crane compartment. 21" deep work bench bumper with through compartment and hitch insert. 12" fold down tailgate with latch hardware. Body to include reinforcement for hydraulic crane. Non-factory reinforcement kits are not acceptable. Primed, painted and undercoated. (Measurements are approximate) Compartment key locks to be cylinder type.
- The understructure shall be constructed to form a torsion box design. The rear tubing cross-members shall be attached to the reinforced crane compartment and utilize the torsion box design for unitized load distribution to prevent distortion of the truck and chassis frame. The rear outrigger shall be an integral part of the torsion box construction and shall be attached with ¼" gussets longitudinally.
- The cargo deck shall be constructed of 1/8" thick tread plate and shall be welded solid to the compartments. The cargo space between the compartments shall be 50" wide and there shall be no wheel well protruding into the cargo deck area. There shall be (6) evenly spaced 2,000 lb working load capacity flush mounted tie down rings incorporated into the cargo bed area. (see illustration detail)
- The doors on the body shall be constructed of aluminum. Each door will utilize stainless steel hinges, with T-handled, powder-coated, cast steel latches with common keys, and automotive extruded bulb type weather stripping. All doors shall be equipped with gas shock door retainers with quick release.
- All compartments shall be constructed of galvanneal steel. The compartment side packs shall be constructed of a combination of 12 and 14 gauge galvanneal steel with 10 gauge galvannealed smooth steel tops and 1/8" thick treadplate backs. Each side pack shall incorporate an integral outside rain eave. All compartments shall be made weather resistant by caulking all seams with a polyurethane sealant. There shall be (2) grab handles provided at the rear of the body to assist in accessing the load bed. (1) per side.
- The electrical system must consist of a central power distribution point in the crane box using automotive-style harnesses. The circuits shall use white wire with the circuit function printed every three inches. The harness shall be protected by an overbraid that is heat and cut resistant. Central power distribution wired to a master power switch in the cab. Master power switch shall have a red indicator light.
- The right front vertical compartment (RV1) to be
  60" H x 35"W x 22" D. RV1 shall be vented for oxygen-acetylene bottle storage. Equipped with:
  - (2) bottle oxy/acetylene bottle holder with metal retainer (nylon strap unacceptable) installed opposite the drawer unit mounted onto pull out tray.
  - ReelCraft p/n TW 7450 (no sub) ¼" x 50' spring rewind oxy/acetylene hose reel installed to the ceiling of the compartment with tap blocks, no holes through body. Reel shall be recessed into compartment to allow for storage of full height oxy/acetylene bottles.
  - ½" air hose reel with a 50' Hose. There shall be shut off valve for the hose reel and a storage coupler for the hose end. (see spec 20).
  - Hydraulic service reel (see spec 21).

- Drop down pipe support bracket mounted on RF corner of body
- Poly spacer
- Stainless steel hardware
- Powder coated white
- (1) Boise Metal works P/N BMW02201201 (or equal) spray can/ torch tip trays installed on the inside of the compartment door.

- The second right side vertical compartment (RV2) shall have a single door. The compartment shall be 60"H x 20"W x 22" D. Equipped with:
  - CTE HD Steel 182216 (no sub) heavy duty (5) drawer unit. The drawer unit shall consist of (1) 7"(2)-5", (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
  - (1) full width fixed shelf on top of the drawer unit
- The right side horizontal compartment (RH) shall have overlapping double doors. The compartment shall be 24"H x 53"W x 22" D. Equipped with:
  - (1) adjustable shelf
  - CTE HD Steel 181635 (no sub) heavy duty (8) drawer unit. The drawer unit shall consist of (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
  - (1) full width fixed shelf on top of the drawer unit
  - Aims 3600 watt modified sine wave inverter P/N 360012120w (No Sub) with on/off remote P/N RC300 (No Sub). Inverter to be installed using 4/0 cable with a 35 amp fuse. Install the inverter fuse into the positive lead. Fuse should be located within 12" of battery. Install 3/4" strain relief fitting where cable enters compartment. Install remote on/off switch in cab on dash wired to only turn on invertor when ignition key is in run position.
  - Electrical power strip installed, includes (6) 110V outlet plugs and built in surge protection.
  - Pull-out work platform installed to compartment floor. Emberton p/n 180443 (no sub).
- The right rear compartment (RR) shall be constructed from one-piece 3/16" steel sides and a ¾' steel top with reinforcing vertical plates welded perpendicular to the top plate. This compartment shall be structurally connected to the torsion box sub-frame and the outrigger housing support members. The compartment shall incorporate a drip pan that routes any water that may enter through the crane mounting area, out of the compartment. This compartment shall have a single, forward swinging door, which shall incorporate crane control storage. The crane compartment must be an integral part of the body and shall be 52"H x 25"W x 22" D. Equipped with:
  - Radio transmitter storage cradle.
  - Air hose reel (see spec 20).
- The left front vertical compartment (LV1) shall have a single door. The compartment shall be 60"H x 27.5"W x 22" deep. Equipped with:
  - (1) rows of E-Track and (2) swivel hooks Boise Metal Works p/n BMW11041301 (or equal) powder coated white for storing spooled copper tubing. The e-tracks are to be mounted vertical. One centered. One 12" to the rear of center and one 12" to the front of center.
  - (4) adjustable shelves
  - LED strip lights
  - Install folding arm to prevent stored tubing and signage from contacting the bin door.
- The second left side vertical compartment (LV2) shall have a single door. The compartment shall be 60"H x 27.5" x 22"D nominal. Equipped with:
  - CTE HD Steel 183516 (no sub) heavy duty (8) drawer unit. The drawer unit shall consist of (1) 7"(2)-5", (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
  - (1) full width fixed top shelf above drawer unit
  - (4) torch tip/spray can tray BMW P/N 10210220 (No Sub) mounted to compartment door
- The left side horizontal compartment (LH) shall have overlapping double doors. The compartment shall be 24"H x 53"W x 22"D nominal. Equipped with:
  - (1) adjustable shelf

- CTE HD Steel 181635 (no sub) heavy duty (5) drawer unit. The drawer unit shall consist of (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
- (1) full width fixed shelf on top of the drawer unit
- Pull-out work platform installed to compartment floor. Emberton p/n 180443 (no sub)
- LED strip lights.

- The left rear vertical compartment (LR) shall have a single door. The compartment shall be 60"H x 25"D x 27"W nominal. Equipped with:
  - 1" x 50' air hose reel
  - Safety valve.
  - ½" x 25' twin line hydraulic hose reel.
  - LED strip lights.
  - ½" x 25' twin line hose extensions.
  - Flow control for hydraulic tool circuit.
- Maxxima LED strip lighting (No Sub) shall be installed in all compartments on the top and the sides. Lighting to be installed with angled aluminum strips and dip clamps. Two-sided tape will not be accepted. Controlled by switch panel in RR compartment **Not to be mounted in compartments with tanks(RV1)
- Install LED Go Light (no sub), on the corner on the curbside front of the body. On the front of body location use mounting plate p/n BMW09261204 (or equal).
- (2) Chock holders installed CS side in fender wells. Provide (2) wheel chocks.
- (2) 110v GFI electric outlets as follows:
- (1) C/S rear of body wired to inverter
- (1) at the base of the laptop stand wired to inverter

Cargo Area Specification # 17

- Jobox 48" Heavy Duty Steel Storage Chest installed as follows:
  - Mounted in cargo area by hydraulic tank without legs
  - 48"W x 24"D x 27"H
- Heavy duty cab protector BMW P/N 20213240 (or equal). Cab protector must be welded in place and seam sealer applied to joints before paint.
- Open top storage box p/n BMW09261202 (or equal) installed on the street side compartment top). Expanded metal on inside wall both ends solid. Box to be stitch welded in place and seam sealed before painted. 11' of E-Track mounted outside inner wall (length of body) w/ (8) 6" swivel hooks
- Curb-side block storage compartment Boise Metal Works p/n MH0921702 (or equal) installed on the compartment top behind hydraulic oil cooler and ending before the crane. Rubber pad installed on the floor. Weld on with drains to the cargo area.
- (8) Boise Metal Works swivel hooks BMW11041301 (or equal) installed to E-Track on the ladder storage box. Constructed of ½" rods with 4" throw. E-Track to run full length of ladder storage and be stitch welded and seam sealed before paint.
- (1) BMW P/N 10517220 (No Sub) aluminum cargo area divider gate. To include solid aluminum gate and side channels. Install 5" behind Enpak 18" from bulkhead. Divider gate to be powder coated Hammer Tone Black.
- Gas tamper/air hammer storage installed:
  - Mounted on SS rear of body to electric/hydraulic outrigger
- Step bolt on hand rail installed on rear of body as follows:
  - Powder coated Yellow
  - Installed with stainless steel hardware
- 15 Ton Capacity Pintle Hook
- Grip strut step with rubber mounts
- E-Track installed in Cargo Area as follows

- (1) 11' rows of E-track on CS wall. (1) at top of compartment and (1) ½ way to floor.

- (8) ½ " x 6" locking hooks on e-track
- (2) 11' rows of E-track on SS wall. (1) at top of compartment and (1) ½ way to floor.
- (8) ½ " x 4" locking hooks on e-track

Work Bench Specification # 18

- Boise Metal Works p/n BMW11071302 (or equal) rear bumper storage compartment installed. 3/8" X10 steel plate lid and end plates with 2" clamping lip. Locking hidden hinged lid. Lock pin accessible through curbside bumper compartment side door. Cross bars installed at the bumper through compartment ends. Grip tape installed on bumper top.
- Install a hydraulic lift platform for a ground tamper that is 16" x 20" and has a 500 lbs capacity. The tamper platform must lower to ground level using an electric over hydraulic cylinder with controls in the RR compartment. The platform must be able to stow in a fixed position with a quick release locking pin. To include locking storage stand for hydraulic breaker. The saddle arm to be applied with black Speedliner. **3D drawings of lift platform are required within two weeks of award of bid.**
- Boise Metal Works pull out step p/n BMW07080901 (no sub) installed on the street side and curb side of the rear bumper & Speedliner black.
- O'reilly 12v quick plug (77341102427) installed:
  - Mounted on SS rear of body
  - (2) 12v outlets
  - 110 V GFI
- Install 6 ½" Wilton Trademaster p/n 1765 vise (or equal) on the curbside corner of the bumper
- Ridgid(1VUV9) pipe vise installed on removable vise mount
  - Locking pin
  - Powder coat white
- Install hand rail on curbside of workbench bumper for cargo area access (see illustration).

Hydraulic Crane Specification # 19

- Electric crane shall be a Stellar 12621 (or equal) mounted on the curb side of the mechanics body and have a maximum lifting capacity of 12,000 lb and 3,140 lb at 21 ft. with a rating of 77,800 ft-lb.
- The extension boom shall consist of two telescoping booms which shall telescope hydraulically and manually to 21'.
- The horizontal reach from centerline of rotation shall not be less than 21'
- Lifting height from crane mounting surface shall be no less than 23'.
- The crane boom support shall be non-adjustable mounted to the service body on a reinforcement plate to protect the body from distortion, welded and sealed. Crane to set as close to horizontal as possible. No holes in the compartment top.
- Crane functions shall be proportional with manual override. Fully functional FM remote control pendant. A FM bypass cable must be provided.
- Transmission driven hot shift PTO with direct mount tandem section hydraulic pump to provide a minimum of 10gpm @ 3,000 psi to crane and tool circuit. **Pumps will need to be sized at approximately 12gpm to allow for hydraulic fan operation at the Hydrapak**. The PTO shall not engage while the transmission is in gear.
- Hydraulic system to be equipped with a Hydrapak MH3T hydraulic drive cooling system mounted to the front cargo area. Shut-off ball valves must be included to aid in filter replacement. O-ring or JIC fittings on tank, no pipe thread accepted. System must be capable of operating in extremely hot weather 120 degree (F) plus for extended periods of time
- 17-gallon hydraulic tank, Boise Metal Works Part# BMW06151103 (or equal) installed against the bulkhead of the body using a 2" non-vented filler cap and a 5 micron breather filter. Tank to be powder coated white to match body. MH3 T and tank combination must be installed as per manufacturer recommendations.
- Hydraulic system shall be equipped with a 40 GPM, 10 micron return filter.
- All hydraulic/hose fittings shall be JIC or O-ring. No pipe thread allowed.
- Engine start function shall not operate unless transmission is in neutral and parking brake is set.
- Engine shall be equipped with an electronic variable idle speed control.

- Single line speed to be at a minimum of 60 fpm.
- Crane shall be equipped with automatic overload protection.
- The lift side of cylinders must be equipped with counter balance valves to prevent sudden cylinder collapse in case of hose or other hydraulic failure.
- The crane shall have no less than 400 degrees of power rotation.
- Rear hydraulic out/in; up/down outriggers installed. Outrigger control panel located in RR compartment. Hydraulic outrigger functions operated with electric over hydraulic rocker switches.
- Right front drop manual out/manual down 19" outriggers. Left front drop down 13" outriggers.
- Anti-two block prevention
- Buzzer/light indicator for radio remote transmitter installed. Buzzer/light will be activated whenever radio remote transmitter if not plugged into socket in crane compartment or an emergency brake is released.
- Must meet OSHA 1910.180 requirements and ANSI B30.5 safety standards
- Certified crane inspection must be provided upon truck delivery.

Compressor/ Generator Specification # 20

- Vanair Genair Under-Deck 125 CFM @ 150 psi air compressor (no sub), shaft driven with integral 7.2 kw generator.
- Hot shift PTO with control switch audio alarm and indicator light in a clear forward view of the driver.
- 2.5 inch 1310 series driveline with universal joints, yoke and companion flange
- Compressed air plumbed to the pneumatic service reel located in RR compartment. There shall be shut off valve for the hose reel and a storage coupler for the hose end.
- A filter/luber/regulator is to be installed in the RR compartment with a synflex hose plumbed through the floor to drain the filter.
- Vanair V-Tec Total Electronic Control and Diagnostic System installed.
- Vanair Genair control panel with hertz meter for (4) 110v socket and (1) 230v socket built-in installed in RV2 compartment. To include one additional 20amp breaker for A/C cord reel.
- 22 gallon frame mount air tank installed between frame rails under rear bumper. Tank to be plumbed to compressor with 500psi stainless steel reinforced hose.
- Aluminum air distribution block, Custom Fluid Power P/N MANIFOLD (or equal) installed at the rear of the body on the curb side with 3 ports to be plumbed directly to air tank for unregulated air supply.
- Compressor system must be equipped with an automatic blow-down valve.
- Bidder must be an authorized distributor for Vanair products and be able to provide proper installation, warranty, repairs and maintenance on entire Vanair system

Hydraulic Tool Circuit Specification # 21

- Open-center hydraulic tool circuit system
- Provide, install, and plumb a Reelcraft Reel model TH88000 OMP (no sub). Reel to be equipped with 50 ft of Gates Twin Line, Part# 8CM2T-MP 3500 psi hydraulic hose with quick disconnect Weatherhead #FF495-4 and #ff491-4 fittings. Hydraulic service reel to be supplied hydraulic fluid at 10GPM at 2,500 PSI by the PTO hydraulic pump. Tool circuit to be controlled by electric over hydraulic control valve. Reel to be mounted to ceiling of RV1 compartment using pre-tapped mounting plate. No holes through body. Include nozzle drip tube for storing tool circuit hose connections.
- Hydraulic system to utilize the same tank and filter system used for the crane.
- All hydraulic hoses shall be properly anchored and protected at chafing points.
- <u>All hydraulic/hose fittings shall be JIC. Or O-ring. No pipe thread allowed.</u>
- All components such as compressor hose reels and lights shall be mounted and installed per/to manufacturer recommendations
- Crane, compressor, generator and hydraulic tool circuit must be able to operate simultaneously and efficiently at the same engine RPM not to exceed 1,400. Remote engine start and high idle function shall not operate unless transmission is in neutral and parking brake is engaged. Generator to have 60hz output. (Note: Compressor will operate at approximately 125 CFM when all functions are in operation)

- Hydraulic system shall have adequate capacity and cooling to prevent overheating when operating at high temperatures 120 degrees plus for extended periods of time.
- Transmission shall auto-neutral when PTO's are engaged. Auto neutral over ride switch will not be accepted.

Warranty Specification # 22

- Chassis:
  - Standard dealer warranty plus extended 5 yr./100,000 mile power train and 5,000 engine hour warranty (MAXIMUM $100.00 DEDUCTIBLE) Warranty begins when vehicle is put into service by City of North Las Vegas
- Compressor:
  - Under deck shaft driven rotary screw air compressor/generator to have a life time warranty on the air end when adhering to prescribed maintenance schedules.
  - All other parts including the compressor unit shaft seal & generator are warranted for (12) months.
- Body & Crane:
  - A 36-month warranty on body, and crane to cover 3 years labor and workmanship, 3 years original and replacement parts, three years original crane structural parts, five years body rust-through coverage. Written warranty to be included with bid
- Paint/Bedliner:
  - 5 year paint and Speedliner coverage on structural components of body, doors, and panels to be free from defects such as corrosion, blisters, unreasonable color loss, or delamination determined to be the result of paint failure. Written warranty must be included with bid.

Other Item Specification #23

- 2D layout drawings provided with bid.
- 3D CAD drawing of entire truck package and any specialized items noted on the bid will be required within 2 weeks after receipt of award.
- A weight slip must be provided from a registered scale agent upon delivery.
- A loaded computer generated weight distribution analysis will be required within 2 weeks after receipt of award.
- Severe duty spring work package to be included; spring work to be performed after truck has been delivered and loaded with tools and equipment by City of North Las Vegas. After spring work is completed, body package is to set approximately 2" higher in the rear and level side to side.
- Two hard copies of operator manuals for vehicle and all mounted equipment must be provided at time of delivery. Operator video must be provided if available.

Parts & Components Contact Information

- Boise Metal Works
  11345 W. President Avenue
  Boise, ID 83713
  208-376-7777

- Custom Fluid Power
  16083 Franklin Blvd. Suite #1
  Nampa, ID 83687
  208-461-7153

Wiring and Up-Fitting Guidelines

- All wires/harnesses are to be run full length with no unnecessary connections, splices or color changes.
- All wires/harnesses are to be routed in a uniform and tidy manner. No "rat nests".
- All wires/harnesses must be properly protected from heat, sun exposure, corrosion, chaffing and sharp edges with either loom, shrink-tube, zip-ties and/or grommets where necessary.

- No wires/harnesses are to be run under interior flooring unless there is a proper channel or factory harness to be routed with.
- All wires/harnesses are to be routed with appropriate service loops or slack to allow for repairs and/or removal of steering columns, dash panels, tail lights, amplifier boxes, etc. etc.
- All zip-ties are to be flush-cut with proper zip-tie tool.
- Scotch-loks are NOT permitted to be used on ANY exterior/under hood connections and highly discouraged on interior circuits.
- Tek-screws are not to be used for grounds on any circuit greater than 5 amps. A threaded bolt or screw is to be used on any ground greater than 5 amps. Star washers are recommended.
- All aftermarket high-amperage power distribution that is to be connected to battery must have proper crimped and shrink-tubed connectors. Route cable with enough slack to allow ease of battery removal.
- Where multiple circuits require power distribution, a separate/remote fuse box or lug must be utilized.
- Power distribution for low-amperage circuits are to be connected to a fuse box power lug and properly fused. No "piggy back" fuse taps are permitted without approval from Fleet.
- A "charge guard" should be used for circuits requiring a switched ign. source. Tapping into factory wires to access switch power is highly discouraged and requires prior approval.
- All circuits that can/will cause a parasitic draw are required to be on a "switched" circuit that deactivates when engine is not running.
- Proper connectors are to be used for the gauge wire.
- Wire crimps must be properly crimped so the conducting wire strands are not compromised/cut.
- Any aftermarket equipment must be installed in a manner that does not create any vibrations, rattles or squeaks etc.
- Proper fasteners with appropriate washers, lock washers, lock nuts or star washers etc. are to be utilized so they do not require re-tightening.
- No aftermarket equipment is to be installed that impedes operation of factory installed features unless given prior approval.
- All aftermarket equipment must be installed in a manner that does not impede safe and reliable operation.
- All literature that is provided with aftermarket equipment must be provided to City of North Las Vegas Fleet.
- Police and city radio harnesses may be run alongside other wires/harnesses, but must remain separated to allow removal when equipment is decommissioned. This goes for other specialized equipment harnesses as well.

2. **Contractor Responsibilities:**

Technical Specifications Variance Sheet, Exhibit A, should be completed in full and submitted with Respondent's Bid

It is the selected respondent's responsibility to deliver the trucks to:

Fleet Services
100 E. Brooks Ave
North Las Vegas, NV 89030

CITY OF NORTH LAS VEGAS
INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane

EXHIBIT LISTING

Exhibit A – Technical Specifications Variance Sheet - Fill out the variances if applicable to the provided specifications on Exhibit A for individual items. This form is *mandatory*. Failure to fill out this form will make your bid non-responsive.

Exhibit B - 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 C – Qualifications and Experience of Respondent

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

Exhibit F – 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-1597-Utility Crew Truck with Crane

EXHIBIT A
Technical Specifications Variance Sheet

BIDDERS MUST RETURN THIS FORM AND MAKE AN ENTRY FOR EACH NUMBERED SPECIFICATION IN THE SPACE PROVIDED OPPOSITE THE SPECIFICATION INDICATING CONFORMANCE TO SPECIFICATION. THE CITY OF NORTH LAS VEGAS RESERVES THE RIGHT TO REJECT ANY BID PROPOSAL THAT DOES NOT CONFORM WITH THE ABOVE REQUIREMENT. IF THERE IS NOT ENOUGH SPACE, ATTACH A SEPARATE PIECE OF PAPER.

Specification	Variance
General Specification #1 • Class 7 Conventional • Crew Cab • GVWR 33,000 lbs • Front Axle: 12,000 lb GAWR • Rear Axle: 21,000 lb GAWR • 4x2	
Engine & Equipment Specification #2 • Cummins Diesel 325 hp minimum with 750 lb-ft of torque @ 1800 rpm • Air cleaner-dry type • Engine warning/shut down including warning light and chime. Engine protection shut down must be enabled • Fuel/water separator • Oil cooler-integral • Air restriction indicator • Alternator 150 amp minimum • Single Horizontal exhaust	
Transmission & Equipment Specification #3 • Allison 3500 RDS series automatic matched to engine HP and torque. Left side PTO capable with ability to drive crane, compressor and hydraulic tool circuit without overheating. PTO port must be accessible for mounting PTO with direct mount pump. Transmission shall be equipped with low oil level sensor. Push-button control. • Must be capable of 75 MPH highway speeds @ approximately 1800 RPM • Transmission shall be auto neutral when PTO is engaged.	
Front Axle & Suspension Specification #4 • Tubeless radial w/11R22.5 • I Beam type • 12,000 lbs rating • Parabolic Taper Leaf Shackl Type with Shock Absorbers	

Rear Axle & Suspension Specification #5 • 21,000 lbs rear axle capacity • Axle ratio: 4.56-capable of 75 mph highway speeds @ approximately 1800 engine RFP • Vari Rate springs for load • Shock absorbers	
Brake System Specification #6 • Air Break system • ABS • Auto drains on all tanks • Bendix AD9 air dryer with heater (no sub) • Front and rear disc breaks • Auto slack adjusters front and rear	
Frame & Wheelbase Specification #7 • 120,000 psi yield steel frame • Wheelbase: 195" approximate • Cab to axle 84" approximate	
Chassis Equipment Specification #8 • Bumper front full width steel- painted manufacturer's standard color • (1) Boise Metal Works cone holder p/n BMW04220901 (no sub) installed on the front bumper with chassis specific hinged mounting bracket. • Two front tow hooks, one per side • Truck must have a clean frame from the back of the cab	
Fuel Tanks & Equipment Specification #9 • Minimum 90 gallon fuel capacity (Fuel tank and DEF tank must be flush mount with the cab) • Largest fuel capacity available without extending beyond back of cab • (2) Top Draw, Non Polished Aluminum 40 US Gallon left side, 50 US Gallon right side, mounted left and right side under cab	
Tires & Wheels Specification #10 • (7) Heavy duty disc wheels w/11R22.5 premium grade radial tires rated for maximum allowable GVW rating for model offered; full size spare wheel and tire	
Cab Exterior & Interior Specification #11 • Hood- fiberglass forward titling front end including noise and splash shields and mud flaps. • Two high back air ride seats and factory installed center console. Integrated head rests. Seat backs must be fully adjustable. • Rear bench seat • Horns-dual air single base. • Mirrors- dual Powered • Factory glass all around. • Windshield- clear laminated glass. • Windshield wipers- two speed electric with windshield washer. • Factory installed dash instrument gauge package with tachometer and hour meter. • Factory installed air conditioning and heating. • AM/FM radio.	

• Dome light. • Power locks and power windows. • Ecco P/N EC7004SK (or equivalent) Back-up camera with (4) integrated ultrasonic proximity sensors and audible warning in cab • Dual sun visors • (2) 12v auxiliary outlets • (1) Factory installed lighted PTO control switch (electric shift) • Rubber floor mats • Electronic backup alarm • Preprinted UV laminate labels to be applied to switches to describe assigned functions • Laptop computer stand with adjustable mounting bracket - Mounted on passenger side floor - Adjustable telescoping stand with Havis Dock and charge guard (No Subs) - Rotating swivel arms to allow positioning for use by driver or passenger - Universal laptop mounting platform - 360 degree swivel	
Lighting & Electrical Specification #12 • DOT APPROVED: Light Emitting Diode (LED) • Basic wiring schematic 12v negative ground system. • Automatic self-reset circuit breakers. • Halogen headlights. • Solid state HD flasher. • Self-canceling turn signals • Multi-strobe system supplied and installed - (2) Federal Signal Micropulse Ultra strobe lights, (1) each side of body above fender wells - (2) Federal Signal corner strobe lights, (1) in each headlamp - (2) Federal Signal Quadraflare LED lights, mounted on rear of body • Federal Signal Legend light bar mounted to cab • Federal Signal Latitude (SL8S-A48) 48" directional light bar - Recessed in rear bumper • Betts Industries Inc. P/N: M315191000 (no sub) 12V DC work light to illuminate rear work area - Light to be mounted with all wiring enclosed inside body • Flush mount LED tail, clearance, directional and backup lights, trailer connection to be a 7 pin RV Flat. • All components, lights and accessories shall be mounted/ installed per manufacturer recommendations. • All wiring shall be loomed hidden and protected at chafing points. Scotch lock type connectors are not permitted. • All aftermarket installed equipment such as utility body, crane, compressor and lighting shall utilize truck manufacturer- installed programmable	

power modules, switches, and controller(s). Switches and controllers shall be factory dash mounted in plain view of the operator. Final location to be approved by Fleet. Chassis shall be factory pre wired/ equipped for all aftermarket up-fitter installed equipment. Provisions to include power sources, remote start, stop idle control and auto neutral. All wiring shall be loomed, hidden and protected at chafing points. Scotch lock type connectors are not permitted. No more than 100 Milliamp draw with all modules turned off. • (3) 12-volt batteries frame mounted under cab, 2850 minimum.	
Paint Specification #13 • One color, white. • Exterior: White Urethane with total finish thickness of minimum 4 mils, then baked dry. • All aftermarket body and mounting components shall be undercoated with rubberized polyurethane undercoating. • The crane body assembly shall be washed with a hot alkaline cleaner, phosphate coated and rinsed with seal coat to prevent flash rust. The body shall be baked dry, undercoated with rubberized polyurethane undercoating thoroughly sanded and prime painted. The unit to be top coated with industrial quality urethane paint to a total finish thickness of minimum 4 mils, then baked dry. • Speedliner the front of the body white. Speedliner the cargo area floor and walls light grey. Speedliner tailgate interior, over the top and down the rear ¼". • Front wheel color; vendor powder coated white. • Rear wheel color; vendor powder coated white. • (1) Spare wheel; vendor powder coated white	
Manuals/Keys Specification #14 • Two sets of service, repair and diagnostic manuals to be provided for vehicle and all mounted equipment. Manuals to be delivered with vehicle. CD's or free online access to service and diagnostic manuals is an acceptable substitute for paper manuals. • PC-based diagnostic software to troubleshoot diagnose and repair engine, transmission, cab, chassis and all vehicle subsystems including, but not limited to HVAC systems, instrument clusters, lighting, ABS brake systems and power distribution modules. All required interface adaptors and cabling must be provided. • Six sets of keys for all locks/ ignitions. • All compartments keyed alike. • Manuals are to be delivered with the vehicle in binders. Binders shall be tabbed and organized by the system. • Electrical and hydraulic schematics must be supplied for all auxiliary equipment to include	

interface to chassis. Handwritten schematics will not be accepted.	
Steering Specification #15 • Power Assist	
Special Equipment Specification #16 **<u>UTILITY BODY</u>** • Stellar TMax 2-11' Crane Body (or equal): 133" long x 94" wide x 60" high side bins; right front two compartments to be raised to 60" high to accommodate full size oxygen/acetylene bottles. 22" deep compartments. Left side body compartments to be raised 60" high full length. Body to have a minimum rating to accept a 77,800 ft-lb crane. Body to have a standard right rear integrated crane compartment. 21" deep work bench bumper with through compartment and hitch insert. 12" fold down tailgate with latch hardware. Body to include reinforcement for hydraulic crane. Non-factory reinforcement kits are not acceptable. Primed, painted and undercoated. (Measurements are approximate) Compartment key locks to be cylinder type. • The understructure shall be constructed to form a torsion box design. The rear tubing cross-members shall be attached to the reinforced crane compartment and utilize the torsion box design for unitized load distribution to prevent distortion of the truck and chassis frame. The rear outrigger shall be an integral part of the torsion box construction and shall be attached with ¼" gussets longitudinally. • The cargo deck shall be constructed of 1/8" thick tread plate and shall be welded solid to the compartments. The cargo space between the compartments shall be 50" wide and there shall be no wheel well protruding into the cargo deck area. There shall be (6) evenly spaced 2,000 lb working load capacity flush mounted tie down rings incorporated into the cargo bed area. (see illustration detail) • The doors on the body shall be constructed of aluminum. Each door will utilize stainless steel hinges, with T-handled, powder-coated, cast steel latches with common keys, and automotive extruded bulb type weather stripping. All doors shall be equipped with gas shock door retainers with quick release. • All compartments shall be constructed of galvanneal steel. The compartment side packs shall be constructed of a combination of 12 and 14 gauge galvanneal steel with 10 gauge galvannealed smooth steel tops and 1/8" thick treadplate backs. Each side pack shall incorporate an integral outside rain eave. All compartments shall be made weather resistant by caulking all seams with a polyurethane sealant. There shall be (2) grab handles provided at the rear of the body to assist in accessing the load bed. (1) per side.	

- The electrical system must consist of a central power distribution point in the crane box using automotive-style harnesses. The circuits shall use white wire with the circuit function printed every three inches. The harness shall be protected by an overbraid that is heat and cut resistant. Central power distribution wired to a master power switch in the cab. Master power switch shall have a red indicator light.
- The right front vertical compartment (RV1) to be 60" H x 35"W x 22" D. RV1 shall be vented for oxygen-acetylene bottle storage. Equipped with:
  - (2) bottle oxy/acetylene bottle holder with metal retainer (nylon strap unacceptable) installed opposite the drawer unit mounted onto pull out tray.
  - ReelCraft p/n TW 7450 (no sub) ¼" x 50' spring rewind oxy/acetylene hose reel installed to the ceiling of the compartment with tap blocks, no holes through body. Reel shall be recessed into compartment to allow for storage of full height oxy/acetylene bottles.
  - ½" air hose reel with a 50' hose.. There shall be shut off valve for the hose reel and a storage coupler for the hose end. (see spec 20).
  - Hydraulic service reel (see spec 21).
  - Drop down pipe support bracket mounted on RF corner of body
  - Poly spacer
  - Stainless steel hardware
  - Powder coated white
  - (1) Boise Metal works P/N BMW02201201 (or equal) spray can/ torch tip trays installed on the inside of the compartment door.
- The second right side vertical compartment (RV2) shall have a single door. The compartment shall be 60"H x 20"W x 22" D. Equipped with:
  - CTE HD Steel 182216 (no sub) heavy duty (8) drawer unit. The drawer unit shall consist of (1) 7"(2)-5", (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
  - (1) full width fixed shelf on top of the drawer unit
- The right side horizontal compartment (RH) shall have overlapping double doors. The compartment shall be 24"H x 53"W x 22" D. Equipped with:
  - (1) adjustable shelf
  - CTE HD Steel 181635 (no sub) heavy duty (5) drawer unit. The drawer unit shall consist of (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment

floor. Drawers to have standard divider kits.
- (1) full width fixed shelf on top of the drawer unit
- Aims 3600 watt modified sine wave inverter P/N 360012120w (No Sub) with on/off remote P/N RC300 (No Sub). Inverter to be installed using 4/0 cable with a 35 amp fuse. Install the inverter fuse into the positive lead. Fuse should be located within 12" of battery. Install 3/4" strain relief fitting where cable enters compartment. Install remote on/off switch in cab on dash wired to only turn on invertor when ignition key is in run position.
- Electrical power strip installed, includes (6) 110V outlet plugs and built in surge protection.
- Pull-out work platform installed to compartment floor. Emberton p/n 180443 (no sub).

- The right rear compartment (RR) shall be constructed from one-piece 3/16" steel sides and a ¾' steel top with reinforcing vertical plates welded perpendicular to the top plate. This compartment shall be structurally connected to the torsion box sub-frame and the outrigger housing support members. The compartment shall incorporate a drip pan that routes any water that may enter through the crane mounting area, out of the compartment. This compartment shall have a single, forward swinging door, which shall incorporate crane control storage. The crane compartment must be an integral part of the body and shall be 52"H x 25"W x 22" D. Equipped with:
  - Radio transmitter storage cradle.
  - Air hose reel (see spec 20).

- The left front vertical compartment (LV1) shall have a single door. The compartment shall be 60"H x 27.5"W x 22" deep. Equipped with:
  - (1) rows of E-Track and (2) swivel hooks Boise Metal Works p/n BMW11041301 (or equal) powder coated white for storing spooled copper tubing. The e-tracks are to be mounted vertical. One centered. One 12" to the rear of center and one 12" to the front of center.
  - (4) adjustable shelves
  - LED strip lights
  - Install folding arm to prevent stored tubing and signage from contacting the bin door.

- The second left side vertical compartment (LV2) shall have a single door. The compartment shall be 60"H x 27.5" x 22"D nominal. Equipped with:
  - CTE HD Steel 183516 (no sub) heavy duty (8) drawer unit. The drawer unit shall

consist of (1) 7"(2)-5", (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
- (1) full width fixed top shelf above drawer unit
- (4) torch tip/spray can tray BMW P/N 10210220 (No Sub) mounted to compartment door

- The left side horizontal compartment (LH) shall have overlapping double doors. The compartment shall be 24"H x 53"W x 22"D nominal. Equipped with:
  - (1) adjustable shelf
  - CTE HD Steel 181635 (no sub) heavy duty (5) drawer unit. The drawer unit shall consist of (5)-3" with 250 lbs slides and rubber pads in each drawer. The drawer unit will be installed into the compartment floor. Drawers to have standard divider kits.
  - (1) full width fixed shelf on top of the drawer unit
  - Pull-out work platform installed to compartment floor. Emberton p/n 180443 (no sub)
  - LED strip lights.

- The left rear vertical compartment (LR) shall have a single door. The compartment shall be 60"H x 25"D x 27"W nominal. Equipped with:

  - 1" x 50' air hose reel
  - Safety valve.
  - ½" x 25' twin line hydraulic hose reel.
  - LED strip lights.
  - ½" x 25' twin line hose extensions.
  - Flow control for hydraulic tool circuit.
- Maxxima LED strip lighting (No Sub) shall be installed in all compartments on the top and the sides. Lighting to be installed with angled aluminum strips and dip clamps. Two-sided tape will not be accepted. Controlled by switch panel in RR compartment **Not to be mounted in compartments with tanks(RV1)

- Install LED Go Light (no sub), on the corner on the curbside front of the body. On the front of body location use mounting plate p/n BMW09261204 (or equal).
- (2) Chock holders installed CS side in fender wells. Provide (2) wheel chocks.
- (2) 110v GFI electric outlets as follows:
- (1) C/S rear of body wired to inverter
- (1) at the base of the laptop stand wired to inverter

Cargo Area Specification #17
• Jobox 48" Heavy Duty Steel Storage Chest installed as follows:
  o Mounted in cargo area by hydraulic tank without legs
  o 48"W x 24"D x 27"H
• Heavy duty cab protector BMW P/N 20213240 (Or equal). Cab protector must be welded in place and seam sealer applied to joints before paint.
• Open top storage box p/n BMW09261202 (or equal) installed on the street side compartment top). Expanded metal on inside wall both ends solid. Box to be stitch welded in place and seam sealed before painted. 11' of E-Track mounted outside inner wall (length of body) w/ (8) 6" swivel hooks
• Curb-side block storage compartment Boise Metal Works p/n MH0921702 (or equal) installed on the compartment top behind hydraulic oil cooler and ending before the crane. Rubber pad installed on the floor. Weld on with drains to the cargo area.
• (8) Boise Metal Works swivel hooks BMW11041301 (or equal) installed to E-Track on the ladder storage box. Constructed of ½" rods with 4" throw. E-Track to run full length of ladder storage and be stitch welded and seam sealed before paint.
• (1) BMW P/N 10517220 (No Sub) aluminum cargo area divider gate. To include solid aluminum gate and side channels. Install 5" behind Enpak 18" from bulkhead. Divider gate to be powder coated Hammer Tone Black.
• Gas tamper/air hammer storage installed:
  - Mounted on SS rear of body to electric/hydraulic outrigger
• Step bolt on hand rail installed on rear of body as follows:
  - Powder coated Yellow
  - Installed with stainless steel hardware
• 15 Ton Capacity Pintle Hook
• Grip strut step with rubber mounts
• E-Track installed in Cargo Area as follows
 	
- (1) 11' rows of E-track on CS wall. (1) at top of compartment and (1) ½ way to floor.
- (8) ½ " x 6" locking hooks on e-track
- (2) 11' rows of E-track on SS wall. (1) at top of compartment and (1) ½ way to floor.
- (8) ½ " x 4" locking hooks on e-track	

Work Bench Specification #18 • Boise Metal Works p/n BMW11071302 (or equal) rear bumper storage compartment installed. 3/8" X10 steel plate lid and end plates with 2" clamping lip. Locking hidden hinged lid. Lock pin accessible through curbside bumper compartment side door. Cross bars installed at the bumper through compartment ends. Grip tape installed on bumper top.	

• Install a hydraulic lift platform for a ground tamper that is 16" x 20" and has a 500 lbs capacity. The tamper platform must lower to ground level using an electric over hydraulic cylinder with controls in the RR compartment. The platform must be able to stow in a fixed position with a quick release locking pin. To include locking storage stand for hydraulic breaker. The saddle arm to be applied with black Speedliner. **3D drawings of lift platform are required within two weeks of award of bid.** • Boise Metal Works pull out step p/n BMW07080901 (no sub) installed on the street side and curb side of the rear bumper & Speedliner black. • O'reilly 12v quick plug (77341102427) installed: - Mounted on SS rear of body - (2) 12v outlets - 110 V GFI • Install 6 ½" Wilton Trademaster p/n 1765 vise (or equal) on the curbside corner of the bumper • Ridgid(1VUV9) pipe vise installed on removable vise mount - Locking pin - Powder coat white • Install hand rail on curbside of workbench bumper for cargo area access (see illustration).	
Hydraulic Crane Specification #19 • Electric crane shall be a Stellar 12621 (or equal) mounted on the curb side of the mechanics body and have a maximum lifting capacity of 12,000 lb and 3,140 lb at 21 ft. with a rating of 77,800 ft-lb. • The extension boom shall consist of two telescoping booms which shall telescope hydraulically and manually to 21'. • The horizontal reach from centerline of rotation shall not be less than 21' • Lifting height from crane mounting surface shall be no less than 23'. • The crane boom support shall be non-adjustable mounted to the service body on a reinforcement plate to protect the body from distortion, welded and sealed. Crane to set as close to horizontal as possible. No holes in the compartment top. • Crane functions shall be proportional with manual override. Fully functional FM remote control pendant. A FM bypass cable must be provided. • Transmission driven hot shift PTO with direct mount tandem section hydraulic pump to provide a minimum of 10gpm @ 3,000 psi to crane and tool circuit. **Pumps will need to be sized at approximately 12gpm to allow for hydraulic fan operation at the Hydrapak**. The PTO shall not engage while the transmission is in gear. • Hydraulic system to be equipped with a Hydrapak MH3T hydraulic drive cooling system mounted to the front cargo area. Shut-off ball valves must be	

included to aid in filter replacement. O-ring or JIC fittings on tank, no pipe thread accepted. System must be capable of operating in extremely hot weather 120 degree (F) plus for extended periods of time • 17-gallon hydraulic tank, Boise Metal Works Part# BMW06151103 (or equal) installed against the bulkhead of the body using a 2" non-vented filler cap and a 5 micron breather filter. Tank to be powder coated white to match body. MH3 T and tank combination must be installed as per manufacturer recommendations. • Hydraulic system shall be equipped with a 40 GPM, 10 micron return filter. • All hydraulic/hose fittings shall be JIC or O-ring. No pipe thread allowed. • Engine start function shall not operate unless transmission is in neutral and parking brake is set. • Engine shall be equipped with an electronic variable idle speed control. • Single line speed to be at a minimum of 60 fpm. • Crane shall be equipped with automatic overload protection. • The lift side of cylinders must be equipped with counter balance valves to prevent sudden cylinder collapse in case of hose or other hydraulic failure. • The crane shall have no less than 400 degrees of power rotation. • Rear hydraulic out/in; up/down outriggers installed. Outrigger control panel located in RR compartment. Hydraulic outrigger functions operated with electric over hydraulic rocker switches. • Right front drop manual out/manual down 19" outriggers. Left front drop down 13" outriggers. • Anti-two block prevention • Buzzer/light indicator for radio remote transmitter installed. Buzzer/light will be activated whenever radio remote transmitter if not plugged into socket in crane compartment or an emergency brake is released. • Must meet OSHA 1910.180 requirements and ANSI B30.5 safety standards • Certified crane inspection must be provided upon truck delivery.	
Compressor/ Generator Specification #20 • Vanair Genair Under-Deck 125 CFM @ 150 psi air compressor (no sub), shaft driven with integral 7.2 kw generator. • Hot shift PTO with control switch audio alarm and indicator light in a clear forward view of the driver. • 2.5 inch 1310 series driveline with universal joints, yoke and companion flange • Compressed air plumbed to the pneumatic service reel located in RR compartment. There shall be shut off valve for the hose reel and a storage coupler for the hose end. • A filter/luber/regulator is to be installed in the RR	

compartment with a synflex hose plumbed through the floor to drain the filter. • Vanair V-Tec Total Electronic Control and Diagnostic System installed. • Vanair Genair control panel with hertz meter for (4) 110v socket and (1) 230v socket built-in installed in RV2 compartment. To include one additional 20amp breaker for A/C cord reel. • 22 gallon frame mount air tank installed between frame rails under rear bumper. Tank to be plumbed to compressor with 500psi stainless steel reinforced hose. • Aluminum air distribution block, Custom Fluid Power P/N MANIFOLD (or equal) installed at the rear of the body on the curb side with 3 ports to be plumbed directly to air tank for unregulated air supply. • Compressor system must be equipped with an automatic blow-down valve. • Bidder must be an authorized distributor for Vanair products and be able to provide proper installation, warranty, repairs and maintenance on entire Vanair system	
Hydraulic Tool Circuit Specification #21 • Open-center hydraulic tool circuit system • Provide, install, and plumb a Reelcraft Reel model TH88000 OMP (no sub). Reel to be equipped with 50 ft of Gates Twin Line, Part# 8CM2T-MP 3500 psi hydraulic hose with quick disconnect Weatherhead #FF495-4 and #ff491-4 fittings. Hydraulic service reel to be supplied hydraulic fluid at 10GPM at 2,500 PSI by the PTO hydraulic pump. Tool circuit to be controlled by electric over hydraulic control valve. Reel to be mounted to ceiling of RV1 compartment using pre-tapped mounting plate. No holes through body. Include nozzle drip tube for storing tool circuit hose connections. • Hydraulic system to utilize the same tank and filter system used for the crane. • All hydraulic hoses shall be properly anchored and protected at chafing points. • <u>All hydraulic/hose fittings shall be JIC. Or O-ring. No pipe thread allowed.</u> • All components such as compressor hose reels and lights shall be mounted and installed per/to manufacturer recommendations • Crane, compressor, generator and hydraulic tool circuit must be able to operate simultaneously and efficiently at the same engine RPM not to exceed 1,400. Remote engine start and high idle function shall not operate unless transmission is in neutral and parking brake is engaged. Generator to have 60hz output. (Note: Compressor will operate at approximately 125 CFM when all functions are in operation) • Hydraulic system shall have adequate capacity and cooling to prevent overheating when operating at high temperatures 120 degrees plus for extended	

periods of time. • Transmission shall auto-neutral when PTO's are engaged. Auto neutral over ride switch will not be accepted.	

Warranty Specification #22
• Chassis:
  o Standard dealer warranty plus extended 5 yr./100,000 mile power train and 5,000 engine hour warranty (MAXIMUM $100.00 DEDUCTIBLE) Warranty begins when vehicle is put into service by City of North Las Vegas
• Compressor:
  o Under deck shaft driven rotary screw air compressor/generator to have a life time warranty on the air end when adhering to prescribed maintenance schedules.
  o All other parts including the compressor unit shaft seal & generator are warranted for (12) months.
• Body & Crane:
  o A 36-month warranty on body, and crane to cover 3 years labor and workmanship, 3 years original and replacement parts, three years original crane structural parts, five years body rust-through coverage. Written warranty to be included with bid
• Paint/Bedliner:
  o 5 year paint and Speedliner coverage on structural components of body, doors, and panels to be free from defects such as corrosion, blisters, unreasonable color loss, or delamination determined to be the result of paint failure. Written warranty must be included with bid.	

Other Item Specification #23 • 2D layout drawings provided with bid. • 3D CAD drawing of entire truck package and any specialized items noted on the bid will be required within 2 weeks after receipt of award. • A weight slip must be provided from a registered scale agent upon delivery. • A loaded computer generated weight distribution analysis will be required within 2 weeks after receipt of award. • Severe duty spring work package to be included; spring work to be performed after truck has been delivered and loaded with tools and equipment by City of North Las Vegas. After spring work is completed, body package is to set approximately 2" higher in the rear and level side to side. • Two hard copies of operator manuals for vehicle and all mounted equipment must be provided at time of delivery. Operator video must be provided if available.	

Parts & Components Contact Information
• Boise Metal Works
  11345 W. President Avenue
  Boise, ID 83713	

208-376-7777 • Custom Fluid Power 16083 Franklin Blvd. Suite #1 Nampa, ID 83687 208-461-7153	

CITY OF NORTH LAS VEGAS
INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane
EXHIBIT B
OFFER STATEMENT AND BUSINESS INFORMATION

This Bid is submitted in response to **Bid B-1597-Utility Crew Truck with Crane** and constitutes an offer by this company to enter into a contract as described herein.

_____ _____
AUTHORIZED SIGNATURE NAME (TYPE OR PRINT) LEGAL NAME OF RESPONDENT

_____ _____
AUTHORIZED SIGNATURE DATE

_____ _____ _____
TITLE TELEPHONE NUMBER FAX NUMBER

_____
ADDRESS OF RESPONDENT

_____ _____ _____
CITY STATE ZIP CODE

E-MAIL ADDRESS: _____

CNLV-BUSINESS LICENSE NO: _____

____ A COPY OF MY CNLV BUSINESS LICENSE IS ATTACHED (if applicable)

FOR INFORMATIONAL PURPOSES ONLY
Is this Respondent a Minority, Women or Disabled Veteran Business Enterprise?
___ No ___ Yes If YES specify ___MBE ___WBE ___DVBE

Has this Respondent been certified as a Minority, Women or Disabled Veteran Business Enterprise?
___ No ___ Yes If YES specify Certifying Agency _____
Please attach a copy of your certification.

CITY OF NORTH LAS VEGAS
INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane
EXHIBIT C
QUALIFICATIONS AND EXPERIENCE OF RESPONDENT

Name: _____

1. Respondent shall provide a brief description of the Responder's qualifications and experience, and number of years in operation.

_____

_____

_____

_____

_____

_____

_____

_____

_____

Provide 3 examples of contracts similar in size and scope that have been completed in the past 5 years. The City reserves the right to verify references for the companies identified. Ensure references have given permission to be contacted by the City.

Example Contract 1:

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? $ _____

CITY OF NORTH LAS VEGAS
INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane
EXHIBIT C – 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-1597-Utility Crew Truck with Crane
EXHIBIT D – 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
Your Community of Choice

CITY OF NORTH LAS VEGAS
INVITATION TO BID
BID B-1597-Utility Crew Truck with Crane

EXHIBIT E- 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-1597-Utility Crew Truck with Crane

EXHIBIT F- 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	