

**BID NUMBER ITB FS 18-004**

**TO: CITY OF LONG BEACH  
CITY CLERK  
ATTN: MICHELLE KING  
333 West Ocean Boulevard, Lobby Level  
Long Beach, California 90802**



**INVITATION TO BID**

75' CNG POWERED AERIAL BUCKET TRUCK

**CONTRACT NO. 34859**

**1. COMPLETE CONTRACT:**

This Invitation to Bid, together with THE NOTICE INVITING BIDS, the entire Bid (including Specifications), or any items(s) thereof, the signature page, Instructions to Bidders, General Conditions, Special Conditions, Bid Section, Addendums, and when required, CONTRACTOR'S BOND shall become the Contract upon its acceptance by the City Manager or designee on behalf of the City of Long Beach, Contractor will be provided with a copy of the executed Contract. All materials or services provided by the Contractor shall comply with the City Charter, and all applicable Federal, State and City Laws.

**2. SERVICES TO BE PROVIDED BY THE CONTRACTOR:**

Contractor shall upon acceptance of this Bid by the City, furnish the goods and services herein specified according to the terms and conditions set forth herein.

**3. AMOUNT TO BE PAID:**

The City shall pay Contractor for the goods or services as described in the section entitled "PAYMENT" in the Instructions to Bidders.

**4. CHOICE OF ALTERNATE PROVISIONS; OPTIONS; NOTIFICATION:**

When alternative provisions are requested, or options are offered, Contractor will be notified as to which provision, or option, is being accepted at the same time that he is notified that he is the successful Bidder.

**5. DECLARATION OF NON-COLLUSION:**

The undersigned certifies or declares under penalty of perjury that this Bid is genuine and not sham or collusive, or made in the interest or on behalf of any person or entity not herein named; that the Bidder has not directly or indirectly induced or solicited any other Bidder to submit a sham bid, or any other person or entity to refrain from bidding, and that the Bidder has not in any manner sought by collusion to secure to himself any advantage over other Bidders.

**BIDDER MUST COMPLETE AND SIGN BELOW:**

(Signature of Corporate Officers or persons authorized to sign bids and contracts on behalf of the Contractor – refer to page 2 Instructions Concerning Signatures.)

**EXECUTED AT:** Dixon CA ON THE DAY OF 20  
CITY STATE MONTH

**COMPANY NAME:** Altec Industries, Inc. **TIN:** [REDACTED]  
(FEDERAL TAX IDENTIFICATION NUMBER)

**STREET ADDRESS:** 1450 North 1st Street **CITY:** Dixon **STATE:** CA **ZIP:** 95620

**PHONE:** (707) 678-0800 **FAX:** (707) 678-1819

S/ [Signature] (SIGNATURE) Technical Sales and Support Manager (TITLE)

Matthew J. Owens (PRINT NAME) matt.owens@altec.com (EMAIL ADDRESS)

S/ (SIGNATURE) (TITLE)

(PRINT NAME) (EMAIL ADDRESS)

**ALL SIGNATURES MUST BE NOTARIZED FOR ALL COMPANIES LOCATED OUTSIDE THE STATE OF CALIFORNIA.  
NO OUT-OF-STATE BID WILL BE CONSIDERED UNLESS A NOTARIAL ACKNOWLEDGMENT IS ATTACHED.  
NOTARIES ARE NOT REQUIRED FOR CALIFORNIA BIDDERS.**

IN WITNESS WHEREOF the City of Long Beach has caused this contract to be executed as required by law as of the date stated below.

**THE CITY OF LONG BEACH**  
BY [Signature] Director of Financial Management

12/28/17 Date

**APPROVED AS TO FORM**  
Dec 21, 2017  
CHARLES PARKIN CITY ATTORNEY [Signature] Deputy

**BID NUMBER ITB FS 18-004**

The City of Long Beach is committed to provide maximum opportunities for Disadvantaged, Minority, Women and Long Beach Business Enterprises (DBEs, MBEs, WBEs and Local) to compete successfully in supplying our needs for products and services.

**The following information is submitted regarding the Bidder:**

Legal Form of Bidder:  
Corporation  State of \_\_\_\_\_  
Partnership  State of \_\_\_\_\_  
                  General  Limited   
Joint Venture   
Individual  DBA \_\_\_\_\_  
Limited Liability Company  State of \_\_\_\_\_

Composition of Ownership (more than 51% of ownership of the organization): **OPTIONAL**  
Ethnic (Check one):  
 Black  Asian  Other Non-white  
 Hispanic  American Indian  Caucasian  
Non-ethnic Factors of Ownership (check all that apply):  
 Male  Yes - Physically Challenged  Under 65  
 Female  No - Physically Challenged  Over 65  
Is the firm certified as a Disadvantaged Business:  Yes  No  
Has firm previously been certified as a minority-owned and/or woman-owned business enterprise by any other agency?  
 Yes  No  
Name of certifying agency: \_\_\_\_\_

**INSTRUCTIONS CONCERNING SIGNATURES**

Please use the proper notary form, which applies to your type of organization on all Bid documents, attachments and bonds requiring a signature by officers of your company.

**NOTE: FAILURE TO COMPLY MAY RESULT IN DISQUALIFICATION OF YOUR BID.**

**INDIVIDUAL (Doing Business As)**

- a. The only acceptable signature is the owner of the company. (Only one signature is required.)
- b. The owner's signature must be notarized if the company is located outside of the state of California.

**PARTNERSHIP**

- a. The only acceptable signature(s) is/are that of the general partner or partners.
- b. Signature(s) must be notarized if the partnership is located outside of the state of California.

**CORPORATION**

- a. Two (2) officers of the corporation must sign.
- b. Each signature must be notarized if the corporation is located outside of the state of California.

**OR**

- a. The signature of one officer or the signature of person other than an officer is acceptable if the Bid is accompanied by a certified corporate resolution granting authority to said person to execute contracts on behalf of the corporation.
- b. Signature(s) must be notarized if the corporation is located outside of the state of California.

**LIMITED LIABILITY COMPANY**

- a. The signature on the Bid must be a member or, if the Articles provide for a manager, must be the manager. (Only one signature is required.)
- b. Signature must be notarized if the company is located outside of the state of California.

**THIS INFORMATION IS AVAILABLE IN AN ALTERNATIVE FORMAT BY CONTACTING 562-570-6200.**

### ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

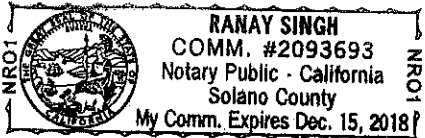
State of California  
County of Solano

On September 27, 2017 before me, Ranay P. Singh, notary public  
(insert name and title of the officer)

personally appeared Matthew J. Owens,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.  
Signature Ranay P. Singh notary public (Seal)



#### OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

#### CAPACITY CLAIMED BY SIGNER

- INDIVIDUAL
- CORPORATE OFFICER
- PARTNER(S)
  - LIMITED
  - GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER:
  - Corporate Resolution

#### DESCRIPTION OF ATTACHED DOCUMENT

Certificate as to Corporate Resolution  
TITLE OR TYPE OF DOCUMENT

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1  
NUMBER OF PAGES

---

May 01, 2013  
DATE OF DOCUMENT

---

Robert D. Hunter  
SIGNER(S) OTHER THAN NAMED ABOVE

**SIGNER IS REPRESENTING:**  
NAME OF PERSON(S) OR ENTITY(IES):  
Altec Industries, Inc.



Altec Industries, Inc.

**CERTIFICATE  
AS TO  
CORPORATE RESOLUTION**

Altec Industries, Inc., a corporation organized under the laws of the state of Alabama, do hereby certify that the following resolution is a full, true and correct copy of a resolution of the Board of Directors in conformance with applicable law and the by-laws of said Corporation on the 1 day of May, 2013.

**RESOLVED** that

Matthew J. Owens – Technical Sales & Support Manager

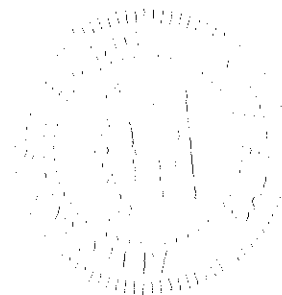
is hereby severally authorized and directed to execute Invitation for Bids, and Awarded Contracts from these bids on behalf of and in the name of Altec Industries, Inc.

**BE IT FURTHER RESOLVED**, that notwithstanding any change to or termination of the foregoing authority by operation of law or otherwise, any originator of such Invitation of Bids and Awarded Contracts shall be fully protected and held harmless in relaying and acting upon said authorization until they shall have received written notice from the Corporation of any such change or termination.

**CERTIFIED** that said resolution has not been amended or revoked and is still in full force and effect.

**IN WITNESS WHEREOF**, I have hereunto set my name as Secretary of the affixed seal of said Corporation, the 1 day of May, 2013.

  
Robert D. Hunter, Secretary



Federal Tax Number                     

Corporate Seal

INSTRUCTIONS TO BIDDERS

The Contractor to whom the contract is awarded, along with its subcontractors, shall pay not less than the general prevailing rate of per diem, holiday and overtime wages established by the Department of Industrial Relations (DIR) of the State of California for the locality in which the public work is to be performed for each craft, classification or type of worker needed to execute the contract. Refer to the California DIR's website, http://www.dir.ca.gov/dlcr for such prevailing wages and additional information.

Hispanic ( ) Other Non-white ( )
Asian ( ) Caucasian ( )

Certified by:
Valid thru:
Dollar value of participation: \$

The Director of Public Works of the City by and on behalf of the City Council has obtained from the Director of the Department of Industrial Relations of the State of California the general prevailing rate of per diem wages and the general prevailing rate of holiday and overtime work in the locality in which the public work is to be performed for each craft, classification or type of workers needed to execute the Contract, and the same is on file with the City Engineer, 9th floor, City Hall, 333 W. Ocean Boulevard, Long Beach, California 90802. It shall be mandatory upon the Contractor to whom the Contract is awarded, and his Subcontractors to pay not less than the said prevailing rate of wages to all workers employed by Contractor or said Subcontractors in the execution of the Contract.

16. BID SUBMITTAL AND WITHDRAWAL OF BIDS:

Each Bid must be delivered to the location and received on or before the due date and time stated herein. Bids will not be accepted after the date and time stated herein. Bids may be withdrawn without prejudice providing the written request is received by the City Clerk no later than the time set for opening Bids. Withdrawals will be returned to Bidder unopened.

SUBMIT TO:
CITY OF LONG BEACH
CITY CLERK - ATTN: Michelle King
333 W OCEAN BLVD/LOBBY LEVEL
LONG BEACH CA 90802

12. RIGHT TO REJECT:

The City reserves the right to reject at any time any or all Bids, or parts thereof, and to waive any variances, technicalities and informalties which do not impair the quality, utility, durability or performance of the items.

BID DUE DATE: October 10, 2017
TIME: 11:00 am

IF BIDDER HAS ANY QUESTIONS REGARDING THIS INVITATION TO BID PLEASE CONTACT THE FOLLOWING CITY PERSONNEL.

13. SAMPLES:

Samples of items when requested or required must be furnished to the City free of expense to the City and, if not destroyed by tests, will upon request be returned at Bidder's expense.

MICHELLE KING (562) 570-6020
BUYER TELEPHONE NUMBER

14. PRICES:

Prices shall be in accordance with those extended to other governmental agencies. In case of error in extension of prices, unit price will govern. All prices must be firm for the Contract term unless the City specifically provides for adjustment.

17. BID OPENING PROCEDURES:

All bids are publicly opened and will be posted on the City's online system at the date and time noted on the Invitation to Bid.

Bid results are posted on the City's online system as soon as they have been reviewed for responsiveness. Bids are awarded to the lowest responsible and responsive bidder meeting the City's specifications. Bid results will not be given out via telephone, City email, or facsimile.

15. CITY'S POLICY FOR MINORITY AND WOMEN-OWNED BUSINESSES:

The City of Long Beach is committed to providing maximum opportunities for Disadvantaged, Minority, Women and Long Beach Business Enterprises (DBEs, MBEs, WBEs and Local) to compete successfully in supplying our needs for products and services.

CAUTION: Only the City Council has authority to make an award, and a contract is not in effect until the City Council makes an award and contract documents (including insurance and bonds) are signed, submitted and approved.

Bid protest procedures may be obtained from the Buyer. Protests must be submitted within five (5) business days following the electronic notification of intent to award.

SUBCONTRACTORS

To assist the City in maintaining records of its Minority and Women Outreach Program, Bidder is requested to provide the following information. Answers are optional, and failure to answer will not disqualify Bid. If additional space is required, Bidder shall attach a separate sheet.

18. INTER-AGENCY PARTICIPATION:

IF OTHER AGENCIES EXPRESS AN INTEREST IN PARTICIPATING IN THIS BID, WOULD YOU SUPPLY THE SAME ITEMS.

YES NO

(If yes, any agency electing to participate in this Bid will order its own requirements without regard to the City of Long Beach. The City of Long Beach assumes no liability or payment guarantee on any units sold to participating agencies.)

The following Minority- or Woman-owned subcontractors are to be utilized to provide equipment, material, supplies and/or services for this Contract requirement:

Company Name:

Address:

Commodity/Service Provided:
Circle appropriate designation: MBE WBE

Ethnic Factors of Ownership: (more than 51%)
Black ( ) American Indian ( )

19. AMERICANS WITH DISABILITIES ACT:

Contractor shall have and be allocated the sole responsibility to comply with the Americans with Disabilities Act of 1990 ("ADA") with respect to performance hereunder and contractor shall defend, indemnify and hold the City, its officials and employees harmless

from and against any and all claims of failure to comply with or violation of the ADA as said claim relates to this Contract.

**20. EQUAL BENEFITS ORDINANCE:**

Bidders/Proposers are advised that any contract awarded pursuant to this procurement process shall be subject to the applicable provisions of Long Beach Municipal Code section 2.73 et seq., the Equal Benefits Ordinance. Bidders/Proposers shall refer to Attachment/Appendix for further information regarding the requirements of the Ordinance.

All Bidders/Proposers shall complete and return, with their bid/proposal, the Equal Benefits Ordinance Compliance form contained in the Attachment/Appendix. Unless otherwise specified in this procurement package, Bidders/Proposers do not need to submit supporting documentation verifying with their bids/proposals. However, supporting documentation verifying that the benefits are provided equally shall be required if the Bidder/Proposer that is selected for award of a contract.

CONTRACT – GENERAL CONDITIONS

1. Acceptance of the offer contained in this Contract is expressly limited to the terms and conditions of such offer as herein stated.
2. No charges for taxes, transportation, boxing, packaging, crating or returnable containers will be allowed and paid by the City unless separately stated hereon. All sales, use, excise or similar taxes to be paid by the City must be itemized separately hereon and on invoices. The City is exempt from payment of Federal Excise Tax under Certificate No. 95-73 0502K and none shall be charged to the City.
3. The City's obligation to pay the sum herein stated for any one fiscal year shall be contingent upon the City Council of the City appropriating the necessary funds for such payment by the City in each fiscal year during the term of this Contract. For the purposes of this section a fiscal year commences on October 1 of the year and continues through September 30 of the following year. In the event that the City Council of the City fails to appropriate the necessary funds for any fiscal year, then, and in that event, the Contract will terminate at no additional cost or obligation to the City.
4. Contractor shall deliver the materials, equipment, supplies or services, or cause the work to be performed, within the time and in the manner specified in the Contract. Times and dates stated herein are of the essence. If at any time Contractor has reason to believe that deliveries will not be made as scheduled, written notice setting forth the cause of the anticipated delay shall be given immediately to the City. Deliveries must be prepaid. C.O.D. shipments will not be accepted.
5. The City reserves the right at any time to make changes in drawings and specifications, in methods of shipment and packaging and in place of delivery as to any articles covered by this Contract. In such event there will be made an equitable adjustment in price and time of performance mutually satisfactory to Contractor and the City; but any claim by Contractor for such an adjustment must be made within thirty (30) days of such change.
6. Contractor warrants that the goods, machinery or equipment delivered or the work performed hereunder shall conform to the specifications, drawings, samples or other description specified by the City and shall be fit and sufficient for the purpose intended, merchantable, of good material and workmanship, in good working order and free from defect or faulty workmanship for a period of ninety (90) days. When defective goods, machinery, or equipment or faulty workmanship is discovered which requires repair or replacement pursuant to this warranty, Contractor shall provide all labor, materials, parts and equipment to correct such defect at no expense to the City.
7. Contractor shall indemnify, protect and hold harmless City, its Boards, Commissions, and their officials, employees and agents ("Indemnified Parties"), from and against any and all liability, claims, demands, damage, loss, obligations, causes of action, proceedings, awards, fines, judgments, penalties, costs and expenses, including attorneys' fees, court costs, expert and witness fees, and other costs and fees of litigation, arising or alleged to have arisen, in whole or in part, out of or in connection with (1) Contractor's breach or failure to comply with any of its obligations contained in this Contract, including any obligations arising from the Contractor's compliance with or failure to comply with applicable laws, including all applicable federal and state labor requirements including, without limitation, the requirements of California Labor Code section 1770 et seq. or (2) negligent or willful acts, errors, omissions or misrepresentations committed by Contractor, its officers, employees, agents, subcontractors, or anyone under Contractor's control, in the performance of work or services under this Contract (collectively "Claims" or individually "Claim").

In addition to Contractor's duty to indemnify, Contractor shall have a separate and wholly independent duty to defend Indemnified Parties at Contractor's expense by legal counsel approved by City, from and against all Claims, and shall continue this defense until the Claims are resolved, whether by settlement, judgment or otherwise. No finding or judgment of negligence, fault, breach, or the like on the part of Contractor shall be required for the duty to defend to arise. City shall notify Contractor of any Claim, shall tender the defense of the Claim to Contractor, and shall assist Contractor, as may be reasonably requested, in the defense.

If a court of competent jurisdiction determines that a Claim was caused by the sole negligence or willful misconduct of Indemnified Parties, Contractor's costs of defense and indemnity shall be (1) reimbursed in full if the court determines sole negligence by the Indemnified Parties, or (2) reduced by the percentage of willful misconduct attributed by the court to the Indemnified Parties.

If the Contractor elects to use subcontractors, Contractor agrees to require its subcontractors to indemnify Indemnified Parties and to provide insurance coverage to the same extent as Contractor. The provisions of this Section shall survive the expiration or termination of this Contract.

- B. The City reserves the right to terminate this Contract at any time in whole or in part even though Contractor is not in default hereunder. In such event there will be made an equitable adjustment of the terms that is mutually satisfactory to the City and Contractor. Upon receipt of any notice of such termination, Contractor shall, unless such notice otherwise directs, immediately discontinue all work on the Contract and deliver, if and as directed, to the City all completed and partially completed articles, work in process and materials purchased or acquired for performance of the Contract. The provisions of this section shall not limit or affect the right of the City to terminate this Contract immediately upon written notice of breach.

**CONTRACT – GENERAL CONDITIONS**

9. The City reserves the right to cancel this Contract or any part thereof and reject delivery of goods if delivery is not undertaken and completed when specified and in accordance with specifications. Contractor shall be charged for any direct losses, but not any consequential damages, sustained by the City by reason of such delay or failure, excepting losses caused by a delay for reasons beyond Contractor's reasonable control. Direct losses shall include any costs to the city in excess of the Contract price of obtaining goods from other sources similar to those cancelled or rejected hereunder.
10. The City shall pay to Contractor the price(s) specified in the Contract on delivery of the materials, equipment, supplies or services and acceptance thereof by the City Manager or his designee, or upon completion of the work to be performed and accepted thereof, as specified in the Contract. Defective articles or articles not in accordance with the City's specifications shall be held for Contractor's instructions at Contractor's risk, and if Contractor so directs will be returned at Contractor's expense.
11. No return or exchange of material, equipment or supplies shall be permitted without written approval of the City Purchasing Agent.
12. All royalties for patents, or changes for the use of patents, which may be involved in any article to be furnished under this Contract shall be included in the Contract price.
13. In cases where a price subject to escalation has been agreed upon, the price escalation shall be shown as a separate item on the invoice. Unless an escalator clause has been shown as a specific part of this Contract Contractor shall not be entitled to reimbursement for costs incurred due to escalation.
14. All materials, supplies and equipment provided under this Contract shall be in full compliance with the Safety Orders and Regulations of the Division of Industrial Safety of the State of California, Title 8, California Code of Regulations (CAL/OSHA) and all applicable OSHA regulations as well as all other applicable California Code of Regulations. Contractor shall indemnify and hold the City, its officials, and employees harmless for, of and from any and all loss, including but not limited to fines, penalties and corrective measures, the City may sustain by reason of Contractor's failure to comply with said laws, rules and regulations in connection with the performance of this Contract.
15. Contractor shall keep confidential and not disclose to others or use in any way to the detriment of the City confidential business or technical information that the City may disclose in conjunction with this Contract or Contractor may learn as a result of performing this Contract.
16. This Contract shall not be assigned in whole or in part, nor any duties delegated without the City's prior written approval.
17. The remedies herein reserved shall be cumulative and additional to any other remedies at law or in equity. The waiver of any breach of this Contract shall not be held to be a waiver of any other or subsequent breach. The City's failure to object to provisions contained in any communication from Contractor shall not be deemed an acceptance of such provisions or a waiver of the provisions of this Contract.
18. This Contract shall not be amended or modified, except by written agreement signed by the parties and expressly referring to this Contract.
19. Contractor shall indemnify, hold harmless and defend the City, its officials and employees from any damage, claim, loss, cost, liability, cause of action or expense, including reasonable attorney's fees, whether or not reduced to judgment, arising from any infringement or claimed infringement of any patent, trademark or copyright, or misappropriation of confidential information or trade secrets of any third party and based on the manufacture, sale or use of goods, machinery or equipment supplied hereunder.
20. Contractor shall furnish further itemization and breakdown of the Contract price when requested by the City.
21. Contractor, in the performance of any work or the furnishing of any labor under this Contract, shall be considered as an independent contractor. Contractor, his agents and employees shall not be considered as employees of the City.
22. Contractor and subcontractor(s) shall not discriminate against any person in the performance of this Contract and shall comply with applicable federal, state and city equal employment opportunity laws, ordinances, rules and regulations. Contractor and subcontractor(s) shall not discriminate against any employee or applicant for employment or against any subcontractor on the basis of race, color, religion, national origin, sex, sexual orientation, AIDS, HIV status, age, disability, or handicap, subject to federal and state laws, rules and regulations.
23. Contractor shall comply with all applicable federal, state and local laws pertaining to the subject matter hereof.
24. Contractor shall submit samples of all documents that Contractor may require the City to execute to complete this transaction. By accepting these samples as part of the bid or by awarding the Contract to a Contractor who has submitted said samples, the City



CONTRACT – GENERAL CONDITIONS

does not agree to the terms stated in said samples. This Invitation to Bid and Contractor's bid shall take priority over said samples and this Invitation and Contractor's bid shall become the Contract between the City and the Contractor.

25. All quantities stated herein are only ESTIMATES. The City reserves the right to increase or decrease these estimated quantities based on its actual needs and funds available.
26. The City reserves the right to exercise, at its option, an increase in expenditures by ten (10) percent annually, but the City does not guarantee such an increase.
27. Contractor shall cooperate with the City in all matters relating to taxation and the collection of taxes, particularly with respect to the self-accrual of use tax. Contractor shall cooperate as follows: (I) for all leases and purchases of materials, equipment, supplies or other tangible personal property totaling over \$100,000 shipped from outside California, a qualified Contractor shall complete and submit to the appropriate governmental entity the form in Appendix "A" attached hereto; and (II) for construction contracts and subcontracts totaling \$5,000,000 or more, Contractor shall obtain a sub-permit from the California Board of Equalization for the Work site. "Qualified" means that the Contractor purchased at least \$500,000 in tangible personal property that was subject to sales or use tax in the previous calendar year.

In completing the form and obtaining the permit(s), Contractor shall use the address of the Work site as its business address and may use any address for its mailing address. Copies of the form and permit(s) shall also be delivered to the Purchasing Agent. The form must be submitted and the permit(s) obtained as soon as Contractor receives a notice of award. Contractor shall not order any materials or equipment over \$100,000 from vendors outside California until the form is submitted and the permit(s) obtained and, if Contractor does so, it shall be a material breach of the Agreement. In addition, Contractor shall make all purchases from its Long Beach sales office and the Long Beach sales office of its vendors if those vendors have a Long Beach office and all purchases made by Contractor under this Agreement which are subject to use tax of \$500,000 or more shall be allocated to the City of Long Beach. Contractor shall require the same form and permit(s) from its subcontractors.

Contractor shall not be entitled to and by signing this Contract waives any claim or damages for delay against City if Contractor does not timely submit these forms to the appropriate governmental entity. Contractor may contact Julissa Jose-Murray at 562-570-8869 for assistance with the form.

28. The California Integrated Waste Management Act (Public Resources Code, Sec. 40000 et seq.) requires governmental entities to achieve fifty (50) percent diversion of waste. In conjunction with the City's Integrated Resources Bureau, the City is currently developing an Environmentally Preferable Product (EPP) procurement plan. These guidelines enable the City Purchasing Agent to greatly expand procurement programs by moving beyond a singular consideration of "recycled-content". EPP procurement facilitates the purchase of products that qualify within a broad range of "environmentally preferable" criteria, such as: minimal packaging; energy savings; non-toxic; manufactured from sustainably-harvested materials. Contractor shall monitor products that fall within the EPP guidelines and document all criteria that qualifies the product as an EPP. Documentation from the manufacturer will be acceptable and may be required during the term of the Contract.
29. NOTICE TO BIDDERS REGARDING THE PUBLIC RECORDS ACT:  
Responses to this Invitation to Bid become the exclusive property of the City of Long Beach. All Bids submitted in response to this invitation to Bid are a matter of public record and shall be regarded as public records. Exceptions will be only those elements in each Bid that are defined by the Bidder as business or trade secrets and are marked as "Trade Secrets", "Confidential" or "Proprietary".

The City shall not be liable or responsible in any way for disclosure of any records not marked as "Trade Secrets", "Confidential" or "Proprietary". The City shall not be liable or responsible in any way for disclosure of any records so marked if disclosure is deemed to be required by law or by a court order.

30. NOTE: FAILURE TO COMPLY WITH THESE ADDITIONAL CONDITIONS WILL DISQUALIFY A BIDDER. NOTICE OF INTENTION TO APPLY FOR WAIVER OF ALL OR A PORTION OF THESE INSURANCE REQUIREMENTS MUST BE IN COMPLIANCE WITH CITY OF LONG BEACH ADMINISTRATIVE REGULATION 8-27 (AR 8-27). NOTE THAT COMPLIANCE WITH THE CITY'S INDEMNIFICATION IS MANDATORY FOR A RESPONSIVE BIDDER.

THE FOLLOWING ADDITIONAL CONDITIONS APPLY TO ALL BIDS:

**INSURANCE:** As a condition precedent to the effectiveness of this Contract, Contractor shall procure and maintain at its expense, until completion of performance and acceptance by City, from an insurer admitted (licensed) in the State of California with a current financial responsibility rating of A (Excellent) or better and a current financial size category (FSC) of V (capital surplus and conditional surplus funds of greater than \$10 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by City's Risk Manager, or non-admitted in the State of California with a current financial responsibility rating of A (Excellent) or better

**CONTRACT – GENERAL CONDITIONS**

and a current financial size category (FSC) of VIII (capital surplus and conditional surplus funds of greater than \$100 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by City's Risk Manager.

- (a) Commercial general liability insurance or self-insurance equivalent in coverage scope to ISO CG 00 01 10 93 naming the **City of Long Beach, and its boards, officials, employees, and agents** as additional insureds on a form equivalent in coverage scope to ISO CG 20 10 11 85 from and against claims, demands, causes of action, expenses, costs, or liability for injury to or death of persons or damage to or loss of property arising out activities performed by or on behalf of the Contractor in an amount not less than One Million Dollars (US \$1,000,000) per occurrence and Two Million Dollars (US \$2,000,000) in general aggregate.
- (b) Workers' compensation coverage as required by the Labor Code of the State of California and Employer's liability insurance with minimum limits of One Million Dollars (US \$1,000,000) per accident or occupational illness. The policy shall be endorsed with a waiver of the insurer's right of subrogation against the **City of Long Beach, and its boards, officials, employees, and agents**.
- (c) Automobile liability insurance equivalent in coverage scope to ISO CA 00 01 06 92 in an amount not less than Five Hundred Thousand Dollars (US \$500,000) combined single limit (CSL) per accident for bodily injury and property damage covering Symbol 1 ("all autos").

Any self-insurance program or self-insurance retention must be approved separately in writing by the City's Risk Manager or designate and shall protect the **City of Long Beach, and its boards, officials, employees, and agents** in the same manner and to the same extent as they would have been protected had the policy or policies not contained retention provisions. Each Insurance policy shall be endorsed to state that coverage shall not be suspended, voided, or canceled by either party except after thirty (30) days prior written notice to the City of Long Beach, and shall be primary and not contributing to any other insurance or self-insurance maintained by the City of Long Beach.

**Any subcontractors of all tiers which Contractor may use in the performance of this Contract shall be required to maintain insurance in compliance with the provisions of this section. The additional insured endorsement form number applicable to subcontractors with respect to the general liability insurance shall be the ISO CG 20 26 11 85 form or its equivalent.**

Contractor shall deliver to the City of Long Beach certificates of insurance and original endorsements for approval as to sufficiency and form prior to the start of performance hereunder. The certificates and endorsements for each insurance policy shall contain the original signature of a person authorized by that insurer to bind coverage on its behalf. "Claims-made" policies are not acceptable unless the City's Risk Manager determines that "Occurrence" policies are not available in the market for the risk being insured. In a "Claims-made" policy is accepted, it must provide for an extended reporting period of not less than one hundred eighty (180) days. Such insurance as required herein shall not be deemed to limit Contractor's liability relating to performance under this Contract. The City of Long Beach reserves the right to require complete certified copies of all said policies at any time. Any modification or waiver of the insurance requirements herein shall be made only with the approval of the City's Risk Manager. The procuring of insurance shall not be construed as a limitation on liability or as full performance of the indemnification provisions of this Contract.

To the extent more stringent insurance requirements apply in accordance with the City of Long Beach's Administrative Regulation 8-27 (AR 8-27) and its amendments, the currently in-force AR 8-27 regulations and requirements supersede and replace any insurance requirements stated herein.

**INDEMNITY: To the extent allowed by law, Contractor shall defend, indemnify, and hold harmless the City, its Commissions and Boards, and their officials, employees, and agents from and against any and all demands, claims, causes of action, liability, loss, liens, damage, costs, and expenses (including attorney's fees) arising from or in any way connected or alleged to be connected with Contractor's performance of the performance under the Contract or the work under or related to the Contract and from any act or omission, willful misconduct, or negligence (active or passive) by or alleged to be by Contractor, its employees, agents, or subcontractors either as a sole or contributory cause, sustained by any person or entity (including employees or representatives of City or Contractor). The foregoing shall not apply to claims or causes of action caused by the sole negligence or willful misconduct of the City, its Commissions and Boards, or their officials, employees, or agents.**

In addition to Contractor's duty to indemnify, Contractor shall have a separate and wholly independent duty to defend Indemnified Parties at Contractor's expense by legal counsel approved by City, from and against all Claims, and shall continue this defense until the Claims are resolved, whether by settlement, judgment or otherwise. No finding or judgment of negligence, fault, breach, or the like on the part of Contractor shall be required for the duty to defend to arise. City shall notify Contractor of any Claim, shall tender the defense of the Claim to Contractor, and shall assist Contractor, as may be reasonably requested, in the defense.

If a court of competent jurisdiction determines that a Claim was caused by the sole negligence or willful misconduct of Indemnified Parties, Contractor's costs of defense and indemnity shall be (1) reimbursed in full if the court determines sole negligence by the Indemnified Parties, or (2) reduced by the percentage of willful misconduct attributed by the court to the Indemnified Parties. The provisions of this Section shall survive the expiration or termination of this contract.

**CONTRACT – GENERAL CONDITIONS**

THE FOLLOWING ADDITIONAL CONDITIONS APPLY ONLY IN CASES WHERE CONTRACTOR IS TO PERFORM WORK FOR THE CITY OR ON CITY PROPERTY:

Before execution of a Contract, the bidder shall file two surety bonds with the City of Long Beach subject to the approval of the City Engineer and City Attorney. The bonds shall be on forms provided by the City or acceptable to the City Attorney. The Payment Bond (Material and Labor Bond) shall satisfy claims of material suppliers and mechanics and laborers employed by the contractor on the Work. This bond shall be maintained by the contractor in full force and effect until the work is accepted by the City of Long Beach and until all claims for materials and labor are paid, and shall otherwise comply with the Civil Code. The Performance Bond shall guarantee faithful performance of all work within the time and manner prescribed, free from original or developed defects. This bond shall remain in effect as prescribed within the Contract, until the end of all warranty periods.

If at any time during the progress of the Work, Contractor shall allow any indebtedness to accrue for labor, equipment or materials, or which may become a claim against the City, Contractor shall immediately upon request from the City pay such claim or indebtedness or cause such lien to be dissolved and discharged by giving a bond or otherwise and, in case of his failure so to do, the City may withhold any money due Contractor until such claim or indebtedness is paid or may apply such money toward the discharge thereof; or in such event the City may, at its option, declare this Contract to be terminated, take possession and control of the Work, and complete the same or cause the same to be completed according to the specifications. Contractor shall pay to the City the difference between the Contract price and the actual cost to the City in completing or causing the Work to be completed.

Contractor shall carry on the Work at its own risk until the same is fully completed and accepted and shall, in case of any accident, destruction or injury to the Work or materials before its final completion and acceptance, repair or replace the Work or materials so injured, damaged and destroyed, at his own expense and to the satisfaction of the City. When materials and equipment are furnished by others for installation or erection by Contractor, Contractor shall receive, unload, store and handle same at the Site and become responsible therefore as though such materials and equipment were being furnished by Contractor under the Contract.

Contractor shall list the name and location of the place of business of each Subcontractor who will perform work, labor or services for Contractor, or who specially fabricates and installs a portion of the Work or improvement in an amount in excess of one-half of one percent of Contractor's total contract cost. The Subcontractor list shall be submitted with Contractor's Bid.

**PROJECT OVERVIEW**

The City of Long Beach is seeking bids for one (1) current model CNG powered Freightliner M2 112 with a 75' aerial body.

See **Appendix A** for detailed specifications.

**BID TIMELINE** – All times are Pacific Time

Bid release date:	September 13, 2017
Questions due:	September 21, 2017 by 2:00 pm
Response from City to bidder:	September 28, 2017 by 2:00 pm
Bid due date:	October 10, 2017 by 11:00 am

**BID SUBMISSION INSTRUCTIONS:**

It is recommended that bidders visit the City's website [www.longbeach.gov/purchasing](http://www.longbeach.gov/purchasing) on a regular basis for any addenda to the bid.

The following documents shall be submitted as general attachments. Bidders that do not include these items will be deemed non-responsive and their bids will be rejected.

- \_\_\_\_\_ Signed Bid Cover Page
- \_\_\_\_\_ California All Purpose Acknowledgment, Notarized (if applicable)
- \_\_\_\_\_ Debarment Certification Form (Attachment A)
- \_\_\_\_\_ Reference List (Attachment B)
- \_\_\_\_\_ W-9 Form (Attachment C)
- \_\_\_\_\_ Equal Benefits Ordinance (EBO) (Attachment D)
- \_\_\_\_\_ Insurance Requirement (Attachment E)

**METHOD OF SUBMISSION:**

Electronic Bids shall be submitted via the City's secure online bidding system. All required sections of the Bid must be submitted via the website. Bidder is solely responsible for "on time" submission of their electronic bid. The Bid Management System will not accept late bids and no exceptions shall be made. Bidders will receive an e-bid confirmation number with a time stamp from the Bid Management System indicating that their bid was submitted successfully. The City will only receive those bids that were transmitted successfully.

When bids on certain items are labeled "optional", bidders shall indicate "no bid" or "N/A" in the space provided for an item for which no bid is being offered.

Bid cover page shall be signed in ink and included with the electronic bid submission as a general attachment. Digital and stamped signatures shall not be accepted.

CONTRACT – GENERAL CONDITIONS

Pricing shall be submitted electronically on the Line Items tab and all pages of the bid document shall be uploaded as a general attachment.

Submit bid online at: <http://www.planetbids.com/portal/portal.cfm?CompanyID=15810>

**In addition to the electronic submission, bidders shall submit the following original document(s) with wet signature(s) in a sealed envelope to the address shown below:**

1. Original bid cover page
2. A notarized California All-Purpose Acknowledgement Form (for all companies located outside the State of California)

City of Long Beach  
C/O City Clerk  
Attn: Michelle King  
333 West Ocean Boulevard, Lobby Level  
Long Beach, CA 90802

Documents shall be clearly labeled in a sealed envelope or box as follows:

**ITB FS 18-004 75' CNG POWERED AERIAL BUCKET TRUCK**

**Electronic Bids and required hard copy forms must be received by 11:00 AM Pacific Time, October 10, 2017. Bids and required hard copy forms that do not arrive by the specified date and time WILL NOT BE ACCEPTED. Bidders may submit their bid any time prior to the above stated deadline.**

Note: E-Bids are sealed and cannot be viewed by the City until the closing date and time. If you need to withdraw your bid, you may do so any time before the bid deadline, by going back into the system and selecting "withdraw".

All questions must be submitted in writing and emailed to [purchasingbids@longbeach.gov](mailto:purchasingbids@longbeach.gov)  
ATTN: Michelle King with the bid number in the subject line of the email message.

**REFERENCES**

Bidder shall furnish a list of five (5) current customers, including company name, street address, telephone number and contact person, for whom Bidder has provided similar items and quantities. The City intends to contact these customers to determine product reliability, performance and other information. Failure to include customer's references will result in rejection of bids. See Reference Information form attachment.

**AWARD**

The City prefers to award to a single contractor but reserves the right to award contracts to multiple vendors. The City reserves the right in its sole discretion to award all items to one bidder, or to award separate items or groups of items to various bidders, or to increase or decrease the quantities of any item. The City reserves the right to reject at any time any or all bids.

**RIGHT TO REJECT BID**

The City reserves the right, in its discretion, to reject any and all Bids and, to the extent not prohibited by law, to waive any minor irregularity or informality in any Bid that does not affect the validity of the Bid or does not give the bidder a competitive advantage over other bidders.

**BID PROTEST PROCEDURES**

**Who May Protest**

Only a bidder who has actually submitted a bid proposal is eligible to protest a bid. The City will not accept or entertain bid protests from manufacturers, vendors, suppliers, subcontractors or the like. A bidder may not rely on the bid protest submitted by another bidder, but must timely pursue its own protest.

**Time for Protest**

A bidder desiring to protest a bid shall file the protest within five (5) business days of the electronic notification of intent to award. The City Purchasing Agent must receive the protest by the close of the business on the fifth (5<sup>th</sup>) business day following posting of notification of intent to award the contract.

**Form of Protest**

The protest must be in writing and signed by the individual who signed the bid or, if the bidder is a corporation, by an officer of the corporation, and addressed to the City Purchasing Agent. A protest shall not be made by e-mail or fax and the City will not accept such. A protest must set forth a complete and detailed statement of the grounds for the protest and include all relevant information to support the grounds stated, must refer to the specific portion(s) of the contract documents upon which the protest is based, and shall include a valid e-mail address, street address, and phone number sufficient to ensure the City's response will be received.

Once the protest is received by the City Purchasing Agent, the City will not accept additional information on the protest unless the City itself requests it. In that case, the additional information must be submitted within three (3) business days after the request is made and must be received by the City Purchasing Agent by the close of the business on the third (3<sup>rd</sup>) business day.

CONTRACT – GENERAL CONDITIONS

The City Purchasing Agent or designee will respond, by e-mail or regular mail to the addresses provided in the protest, with a decision regarding the protest within five (5) business days following receipt of the protest or, if applicable, the receipt of requested additional information.

The decision of the City Purchasing Agent shall be final and conclusive.

The procedure and time limits set forth herein are mandatory and are the bidder's sole and exclusive remedy in the event of bid protest. The bidder's failure to comply with these procedures shall constitute a waiver of any right to further pursue a bid protest, including filing a Government Code Claim or initiation of legal proceedings.

ADDITIONAL REQUIREMENTS FROM FUNDING SOURCE

Any Contract arising from this procurement process may be funded in whole or in part by various granting agencies. Pursuant to said grants, the Awarded Vendor is required to comply with (and to incorporate into its agreements with any sub-vendors) the following provisions in the performance of the Contract, as applicable.

**ORDER OF PRECEDENCE**

In the event of conflicts or discrepancies between these grant funding provisions and any other Contract document, the Federal grant provisions shall take precedence.

**ACCESS TO CONTRACTOR'S RECORDS**

The Awarded Vendor shall provide the City, the Office of State and Local Government Coordination and Preparedness, the Comptroller General of the United States, or any of their authorized representatives, access to any books, documents, papers, and records of the Awarded vendor which are directly pertinent to the work performed under the Contract for the purposes of making audit, examination, excerpts or transcriptions.

**AMERICANS WITH DISABILITIES ACT**

The Awarded Vendor hereby certifies that it will comply, as applicable, with the Americans with Disabilities Act of 1990 ("ADA"), 42 USC §§ 12101 et seq., and its implementing regulations, including Subtitle A, Title II of the ADA. The Awarded Vendor will provide, as applicable, reasonable accommodations to allow qualified individuals with disabilities to have access to and to participate in its programs, services and activities in accordance with the provisions of the ADA. The Awarded Vendor will not discriminate against persons with disabilities or against persons due to their relationship to or association with a person with a disability. Any contract entered into by the Awarded Vendor (or any subcontract thereof), relating to this Agreement, shall be subject to the provisions of this paragraph.

**COMPLIANCE WITH CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The Awarded Vendor shall comply with the requirements of §§ 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C §§ 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5).

CONTRACT – GENERAL CONDITIONS

**COMPLIANCE WITH COPELAND "ANTI-KICKBACK" ACT**

The Awarded Vendor shall comply with the requirements of the Copeland "Anti-Kickback" Act (18 U.S.C. § 874) as supplemented in the Department of Labor regulations (29 CFR Part 3).

**COMPLIANCE WITH DAVIS-BACON ACT**

The Awarded Vendor shall comply with the requirements of the Davis-Bacon ACT (40 U.S.C. §§ 276 to 276-a7) as supplemented by Department of Labor regulations (29 CFR Part 5) where applicable and shall provide the City with all applicable payroll records on a weekly basis.

**COPYRIGHT**

The Awarded Vendor acknowledges the existence of requirements and regulations of the awarding Federal agency relating to copyrights and right in data, including, but not limited to those set forth in 44 CFR Part 13.34 which states: "The Federal awarding agency reserves royalty-free, nonexclusive, and irrevocable license to reproduce, publish or otherwise use, and to authorize others to use, for Federal Government purposes: (a) The copyright in any work developed under a grant, subgrant, or contract under a grant or subgrant; and (b) Any rights of copyright to which a grantee, subgrantee or a contractor purchases ownership with grant support." The Awarded Vendor shall comply with 25 CFR 85.34

**DRUG-FREE WORKPLACE**

The Awarded Vendor hereby certifies that it shall provide or shall continue to provide a drug-free workplace as required by the Drug-Free Workplace Act of 1988 (41 U.S.C. § 701), and implemented at 44 CFR Part 17.

**ENERGY EFFICIENCY**

The Awarded Vendor shall comply with all mandatory standards and policies relating to energy efficiency that are contained in the State of California's energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L.94-163, 89 Stat. 871).

**ENVIRONMENTAL LEGISLATION**

The Awarded Vendor shall comply with all applicable standards, orders or requirements issued under § 306 of the Clean Air Act (42 U.S.C. 1857 (h)), § 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15).

**MINORITY, WOMEN, AND OTHER BUSINESS ENTERPRISE OUTREACH**

In accordance with CalOES/Grantor directives, as applicable, firms who represent small business enterprises (SBEs), minority business enterprises (MBEs) and women business enterprises (WBEs) are encouraged to participate in competition for this opportunity. Any such enterprise shall include the appropriate SBE/MBE/WBE certification along with its proposal. The Awarded Vendor agrees that, to the extent contractors or subcontractors are utilized, the Awarded Vendors shall use small, minority, women-owned, or



CONTRACT – GENERAL CONDITIONS

disadvantaged business concerns and contractors or subcontractors to the extent practicable and shall take the affirmative steps as set forth in 44 CFR §13.36(e).

**NATIONAL PRESERVATION ACTS**

The Awarded Vendor shall assist City (if necessary) in assuring compliance with § 106 of the National Historic Preservation Act of 1966 (16 U.S.C. § 470), Executive Order 11593 (identification and protection of historic properties), the Archeological and Historical Preservation Act of 1974 (16 U.S.C. § 469 a-1 et seq.), and the National Environmental Policy Act of 1969 (42 U.S.C. § 4321)

**NONDISCRIMINATION; EQUAL EMPLOYMENT OPPORTUNITY**

The Awarded Vendor hereby assures the City that in performing its obligations pursuant to the Contract, it will comply with all applicable nondiscrimination requirements as set forth in 44 CFR Part 13.36. In addition, the Awarded Vendor shall comply with Executive Order 11246 of September 24, 1965, entitled "Equal Opportunity Employment," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR chapter 60), and where applicable to the nondiscrimination provisions of the Omnibus Crime Control and Safe Street Acts of 1968 (42 U.S.C. § 3789d), the Victims of Crimes Act (42 U.S.C. § 10604(e)), the Juvenile Justice and Delinquency Prevention Act (42 U.S.C. § 5672(b)), the Civil Rights Act of 1964 (42 U.S.C. § 2000d), the Rehabilitation Act of 1973 (29 U.S.C. § 794), the Americans with Disabilities Act of 1990 (42 U.S.C. §§ 12131-34), the Education Amendments of 1972 (20 U.S.C. §§ 1681, 1683, 1685-86), and the Age Discrimination Act of 1975 (42 U.S.C. §§ 6101-07), see Executive Order 13279 (equal protection of the laws for faith-based and community organizations). This provision must be incorporated by Awarded Vendor into any subcontract exceeding \$10,000.

**PATENT RIGHTS**

The Awarded Vendor acknowledges the existence of requirements and regulations of the awarding Federal agency relating to patent rights with respect to any discovery or invention which arises or is developed in the course or under this Contract, including, but not limited to those regulations and requirements set forth in 44 CFR Part 13.36. Any discovery or invention that arises during the course of this Contract shall be immediately reported to the Department's project management team. The awarding Federal agency shall determine how rights in the invention/discovery shall be allocated consistent with "Government Patent Policy" and 37 CFR Part 401.

**PAYMENTS, REPORTS, RECORDS, RETENTION AND ENFORCEMENT**

The Awarded Vendor acknowledges the requirements and regulations set forth in 44 CFR Parts 13.36 through 13.42 and 49 CFR Part 18 and agrees to cooperate with the City in order to allow the City to comply with said requirements. The Awarded Vendor shall retain all of its records relating to the project for a period of five (5) years after City makes final payment to the Awarded Vendor and all other pending matters are closed.

**CONTRACT - GENERAL CONDITIONS**

**PUBLICATIONS**

All publications created and/or published with funding under any contract arising from this RFP shall prominently contain the following statement: "This document was prepared under a grant from FEMA's Grant Programs Directorate, U.S. Department of Homeland Security. Points of view or opinions in this document are those of the author(s) and do not necessarily represent the official position or policies of FEMA's Grant Programs Directorate or the U.S. Department of Homeland Security."

**RIGHTS TO DATA**

The Grantor and the City shall have unlimited rights or copyright license to any data first produced or delivered under this Agreement. "Unlimited rights" means the right to use, disclose, reproduce, prepare derivative works, distribute copies to the public and perform and display publicly, or permit others to do so; as required by 48 CFR 27.401. Where the data are not first produced under this Contract or are published copyrighted data with the notice of 17 U.S.C § 401 or 402, the Grantor acquires the data under copyright license as set forth in 48 CFR 27.404(f) (2) instead of unlimited rights (4 CFR 27.404(a)).

**RIGHTS TO USE INVENTIONS**

City and all grantors and/or awarding Federal Agency shall have an unencumbered right, and a non-exclusive, irrevocable, royalty-free license, to use, manufacture, improve upon and all others to do so for all governmental purposes, any invention developed under the Contract.

**SYSTEM FOR AWARD MANAGEMENT (SAM)**

In accordance with Executive Orders 12549 and 12689 concerning suspension and debarment, contracts must prohibit contractors from awarding any subcontract to persons (individuals or organizations) listed as having an active exclusion of the Federal system for Awards Management Database ([www.sam.gov](http://www.sam.gov)).

**FUTURE AMENDMENTS**

The City reserves the right to change any portion of the work required, to add and/or delete items, or amend such other terms and conditions that may become necessary. Any such revisions shall be accomplished by written amendment to the contract and executed by the Contractor and the City.

**PAYMENT TERMS**

Net \_\_\_\_\_; \_\_\_\_\_% discount in \_\_\_\_\_ days.

**VENDOR CONTACT INFORMATION**

Name of a person that will be the City's contact for order placement, order problems or special needs, etc. (must have a person's name).

Contact Name: Albert Gutierrez

CONTRACT – GENERAL CONDITIONS

Contact Direct Phone: (951) 751-6498

Contact Fax: (707) 678-1819

Contact E-mail: albert.gutierrez@altec.com

VENDOR'S EMPLOYEES

Specify the number of current full-time employees residing in Long Beach 0

ITB FS 18-004 - APPENDIX A  
 75' CNG POWERED AERIAL BUCKET TRUCK

COMPLY  
 YES NO

COMMENTS / EXCEPTIONS

<p><b><u>Instructions:</u></b></p> <p>State comments and or exceptions in the blank spaces provided for each section regarding the vehicle or equipment offered corresponding to the specifications set forth. FAILURE TO COMPLETE ALL BLANK SPACES WILL OTHERWISE BE DETERMINED AS VENDOR MEETING SPECIFICATIONS MINIMUMS.</p>	<p>Yes</p>		
<p><b><u>Description:</u></b></p> <p>Shall be one (1) CNG powered, 75' aerial bucket truck, Engine must be at least ULEV rated.</p>	<p>Yes</p>		
<p><b><u>General Conditions:</u></b></p> <p>The truck, cab and chassis with a 75' non-over center insulated aerial bucket truck shall be completely equipped as specified and shall be ready for service upon delivery. It is the responsibility of the prime bidder to insure body/chassis integrity. The complete unit shall comply with the latest editions of the California Vehicle code, California Code of Regulations, SAE Standards, Federal Motor Vehicle Standards, California Air Resources Board, California South Coast Air Quality Management District, and provisions of Cal OSHA. The omission from the specifications of any standard feature as shown in the manufacturer's brochure shall not alleviate the successful bidder from the responsibility of furnishing a complete truck, cab and chassis, and aerial apparatus with all of the manufacturer's latest improvements in current production unless specifically deleted in the specifications. The complete units and all components shall be standard and cataloged by major manufacturers. Custom one of a kind unit for this bid are unacceptable.</p>	<p>Yes</p>		
<p><b><u>BRAND NAMES:</u></b></p> <p>Whenever in the specifications any material or process is indicated or specified by patent or proprietary name and/or by name of manufacturer,</p>	<p>Yes</p>		

**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p>such specifications shall be used for the purpose of facilitating descriptions of the material and/or process desired and shall be deemed to be followed by the words "or equivalent".</p> <p>The contractor may offer any material or process which shall be equal in every respect to that so indicated or specified, provided however, that if the material, process or article offered by the contractor is not, in the opinion of the City of Long Beach, equal in every respect to that specified, then the contractor must furnish the material, process or article specified or one that in the opinion of the City of Long Beach is the equal thereof in every respect.</p>			
<p><b><u>Cab-chassis:</u></b></p> <p>Cab and chassis shall be a new and unused Freightliner M2 112, with a GVWR of 41,000#.</p> <ol style="list-style-type: none"> <li>1. Wheelbase shall be 225".</li> <li>2. CA shall be 159" minimum.</li> <li>3. Frame rails shall be 10.75"x3.50"x7/16"</li> <li>4. Center cross members shall be steel.</li> <li>5. End closing cross member shall be steel.</li> <li>6. All frame, and frame suspension fasteners shall be Huck type.</li> <li>7. Two (2) front frame mounted tow hooks</li> <li>8. Section modulus, RBM, and frame reinforcement must meet boom manufacturer's requirements.</li> </ol>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	No	<p>Wheelbase will be 250"</p> <p>Removable on Chassis Frame</p>
<p><b><u>Front axle &amp; Suspension:</u></b></p> <p>Front axle shall be Detroit AF-18 steering axle.</p> <ol style="list-style-type: none"> <li>1. Shall have maintenance free cushions.</li> <li>2. Taper leaf springs with a 18,000# capacity.</li> <li>3. Double acting heavy-duty shocks.</li> <li>4. Aluminum piloted front hubs, with 285MM bolt circle.</li> <li>5. Scotseal Plus XL front hub oil seals.</li> <li>6. CR Zytel hubcap.</li> <li>7. Synthetic Dana Spicer EP75W90.</li> </ol>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	No	<p>Not available</p>

**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><b>Rear axle &amp; Suspension:</b> Shall be an RS-23 single axle assembly 23,000#.</p> <ol style="list-style-type: none"> <li>1. Synthetic rear axle lubricant.</li> <li>2. Scotseal Plus XL oil seals.</li> <li>3. 10 stud HD aluminum hub.</li> <li>4. Double action heavy-duty shocks.</li> <li>5. Longitudinal and steel-rubber bushed torque rods.</li> <li>6. Dana Spicer main drive line with half round yokes.</li> <li>7. 23,000# flat leaf spring suspension.</li> </ol> <p><b>Ratio:</b> The ratios shall be that this 41,000-pound GVW rated truck can obtain a maximum road speed of 65 MPH at governed engine RPM and can start on a 20% grade when fully loaded and manned. Vehicle shall be capable of pulling a 10% grade at a speed of 15 – 20 MPH fully loaded. A computerized projected engineering performance curve sheet prepared by the engine and transmission manufacturer shall be provided with the bid.</p>	Yes Yes Yes Yes Yes No Yes		<p>Front and AF Control Rods</p> <p>Meritor MXL ITT Driveline</p> <p>These performance options are currently unpublished due to Model Year change over. Current performance options are attached in the Chassis spec, but will be updated once published performance options are available.</p>
<p><b>Brakes:</b> Shall meet the following minimums.</p> <ol style="list-style-type: none"> <li>1. Front of cab shall be equipped with towing air connections (service and emergency).</li> <li>2. Shall have 18.7 CFM minimum capacity water-cooled and engine oil lubricated gear driven air compressor with a Bendix D2 governor, or approved equal governor.</li> <li>3. Air dryer shall be an automatic drain system, Clear Drain, or approved equal.</li> <li>4. Low air pressure warning light, air gauge, and buzzer in cab.</li> <li>5. Manual drain valves on all air tanks.</li> <li>6. Automatic air shut off valves to protect systems from leakdown.</li> <li>7. Shall be Bosch, or approved equal, ABS brake package. ABS trouble shooting connector shall be installed on left side of cab under dashboard. Contractor shall provide service manual and air schematics.</li> <li>8. Heavy-duty brake package: Front shall be 16-1/2" x 6" inch, Rear shall be 16-1/2" X 7".</li> </ol>	Yes Yes Yes Yes Yes Yes Yes	No	<p>Currently unavailable with 2019 Model Year</p>

ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><b><u>Emergency:</u></b></p> <ol style="list-style-type: none"> <li>1. System shall have a separate reservoir of a capacity to provide at least three (3) complete releases of the emergency brakes. Yes</li> <li>2. System shall be controlled by a Bendix PP-1, or approved equal, push/pull valve, easily accessible, at operator's station. Yes</li> <li>3. System shall hold the vehicle when fully loaded and manned on a 20% grade. No</li> </ol>			Currently unavailable with 2019 Mode Year
<p><b><u>Steering:</u></b> Shall meet the following minimums:</p> <ol style="list-style-type: none"> <li>1. Shall be factory left hand drive. Yes</li> <li>2. Shall be power with integral valving. Yes</li> <li>3. Power steering pump shall be gear driven. Yes</li> <li>4. Steering gearbox shall be at least 20,000 pound rating. Ross, Sheppard, or Saginaw brand, TRW or approved equal. Yes</li> <li>5. Turning radius shall have at least a 50-degree wheel cut. Yes</li> <li>6. There shall be adequate leg, thigh, and elbowroom at steering wheel. Yes</li> <li>7. Steering wheel shall be able to adjust up, down, and telescope in and out to accommodate drivers of different statures. Yes</li> </ol>			
<p><b><u>Tires and Wheels:</u></b></p> <ol style="list-style-type: none"> <li>1. Front tires shall be Goodyear G661 HSA 11R22.5X16 H tubeless. No</li> <li>2. Front wheels shall be 22.5X8.5" polished Accuride aluminum, 5.71" inset. Yes</li> <li>3. Rear tires shall be Goodyear G661 HSA 11R22.5X16 H tubeless. Yes</li> <li>4. Rear wheels shall be 22.5X8.5" polished Accuride aluminum. Yes</li> </ol>			Front Tires shall be 315 in order to comply with an 18,000 lb Front Axle weight rating.
<p><b><u>Cab Exterior:</u></b></p> <p>The cab shall be steel reinforced all aluminum 2 door day cab. Yes</p> <ol style="list-style-type: none"> <li>1. Front bumper shall be full width painted steel, Yes</li> <li>2. Curved front windshield solar tinted. Yes</li> <li>3. No rear glass. Yes</li> </ol>			

**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

		COMPLY		COMMENTS / EXCEPTIONS
		YES	NO	
4.	Brushed stainless steel grab handles at entry.	Yes		Single Air Horn under cab
5.	Twin air horns mounted under cab.		No	
6.	Single electric horn.	Yes		
7.	Chrome grill, with a bug screen mounted behind grill.	Yes		
8.	Left and right stainless steel West Coast style mirrors, with short retractable arms.	Yes		
9.	Left and right Grote #12173 8" offset ball and stud mirrors.	Yes		
10.	All exterior paint shall standard manufacturers white.	Yes		
<b><u>Cab Interior:</u></b>				
The truck cab interior shall have a minimum of the following.				
1.	16' dia. Two spoke steering wheel.	Yes		Shall be National Seats
2.	Flat dash panel.	Yes		
3.	Adjustable tilt steering column.	Yes		
4.	Sears C2 air ride seat left, and right sides.	Yes		
5.	Retractable 3 point seat belts, both sides.	Yes		
6.	Black or dark gray vinyl seat covers.	Yes		
7.	Rubber floor covering.	Yes		
8.	Electric door glass regulators.	Yes		
9.	AM/FM radio/CD/Aux input stereo.	Yes		
10.	Roof mounted antenna.	Yes		
11.	2, dual cone speakers.	Yes		
12.	2, Console mounted power ports.	Yes		
13.	Cab integral (AC) climate control. (Roof mounted A/C is not acceptable).	Yes		
14.	Ignition and door entry keys are to be keyed alike.	Yes		
15.	Reflector flare kit mounted in cab, Grote #71422, or approved equal.	Yes		
16.	10# ABC fire extinguisher.	Yes		
<b><u>Cab Electrical:</u></b> Instrument panel shall include at least the following control and indicator gauges				
1.	Shall have battery disconnect on driver's side.	Yes		
2.	Tachometer,	Yes		
3.	Speedometer,	Yes		
4.	Oil pressure,	Yes		
5.	Water temperature,	Yes		



**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

		COMPLY		COMMENTS / EXCEPTIONS	
		YES	NO		
6. Dual air pressure,	Yes				
7. Fuel gauge,	Yes				
8. Voltmeter,	Yes				
9. Oil pressure activated engine hour meter,	Yes				
10. Headlights,	Yes				
11. Dome lights,	Yes				
12. Dash lights,	Yes				
13. Ignition switch with key,	Yes				
14. Heater/defroster,	Yes				
15. Air conditioning,	Yes				
16. Windshield wipers,	Yes				
17. Emergency brakes,	Yes				
18. Hydraulic PTO switch,	Yes				
19. Turn signals,	Yes				
20. Horn,	Yes				
21. Hazard lights,	Yes				
22. Four (4) auxiliary upfitter switches, separately fused and switched.	Yes				
<b><u>Chassis Electrical:</u></b>					
1. Chassis electrical system shall be a 12V negative ground system.	Yes	No	2. Group 31 12V batteries, 2250 CCA		
2. 3, group 31 12V batteries, 2250 for CCA.					
3. Steel battery box with aluminum lid mounted on the left side.	Yes				
4. A heavy-duty Cole-Hersee M-750 series master switch, or approved equal, shall be provided. Switch shall be mounted underneath the driver's seat.	Yes				
5. Back-up alarm, electric, with motion detector, Cal OSHA approved.	Yes				
6. One (1) Rear vision camera, 3 <sup>rd</sup> Eye Mobile Vision model AWT1020T, and monitor model number AWT07MLEDT, or approved equal. Camera shall be located on rear of bed.	Yes				
<b><u>Chassis Lighting:</u></b>					
1. Shall include manufacturer's standard FMVSS-108 (Federal Motor Vehicle Safety Standard) approved lighting.	Yes				
2. Two (2) Whelen L31HAF amber LED beacons, with brush guards installed at forward left and right outer edges of cab protector.	Yes				

ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK

		COMPLY		COMMENTS / EXCEPTIONS
		YES	NO	
3. Two (2) one each side flush mounted Whelen M6 amber LED flashing caution lights mounted on tailboard.	Yes			
4. All reflectors shall be 3" minimum diameter.	Yes			
<b>Engine:</b> Shall be a Cummins 8.9 ISL-G, turbo aspirated engine.				Cummins 8.9 ISL-G will be obsolete for 2019 Model Year. Shall be Cummins L9N-Speed
1. Shall have 320 HP @ 2200 RPM's	Yes			
2. Shall have 1000 ft-lb torque @ 1300 RPM's	Yes			
3. Governed engine speed 2200 RPM's		No		Currently unavailable until published options release for 2019 Model Year change over.
4. CNG powered	Yes			
5. Shall be CARB certified.	Yes			
<b>Please bid as an option: ISL G NZ 320</b>	Yes			L9N is a near zero engine included in price of bid.
<b>Engine equipment:</b>				
1. Electronic Cummins engine control.	Yes			
2. Vehicle governed speed limit 65 MPH (from prop shaft)	Yes			
3. Engine idle shut down.	Yes			
4. 1300 sq.in 2row high capacity aluminum radiator.	Yes			
5. Pneumatic on/off Fan clutch (Horton).	Yes			
6. Charged air induction	Yes			
7. Serpentine belt drive system.	Yes			
8. Combination full flow, bypass oil filter.	Yes			
9. 13" Donaldson air filter.	Yes			
10. Single horizontal exhaust (right side).	Yes			
11. Gear driven Cummins Wabco 18.7 CFM air compressor.	Yes			
12. Dual 200 Amp Delco alternators.	Yes			
13. 12V Delco Remy 39MT starter.	Yes			
<b>Fuel Cell:</b>				
1. Shall be a single 40 DGE CNG type VI tank constructed to DOT standards approved for use with CNG, easily accessible fill with body configuration mounted behind stabilizer leg on the left side.	Yes			Shall be a 60 DGE CNG Type IV Tank and mounted behind the cab due to M2 Series factory standards and body/chassis measurement requirements.
2. Shall have an emergency shut off valve.	Yes			
3. Necessary hose, elbows and/or adapters shall be supplied to adapt to cab body.	Yes			

**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

		COMPLY		COMMENTS / EXCEPTIONS
		YES	NO	
4. Shall have an auxiliary fill valve at front of vehicle.	Yes			
5. The main fueling valve, and pressure guage shall be at the street side facing portion of the cell.	Yes			
<b>Transmission:</b> Shall be automatic, torque converter type with at least six (6) speeds forward and one (1) in reverse with cast aluminum, or approved equal.				
1. Shall be an Allison 30000 RDS series, 6 speed.	Yes			
2. Right side Chelsea PTO.	Yes			
3. Shall have an Allison electronic push button gear select.	Yes			
4. Shall have an oil to water type fluid cooler.	Yes			
5. Right side oil level and fill tube.	Yes			
6. Shall have Transynd synthetic trans fluid.	Yes			
<b>Aerial Devise:</b>				
Insulated non-over center, aerial platform lift with a 75' working height to include,				Shall be 72' working height with an option for a vertical lift that will allow for 74' working height.  UNIT OPTION for Vertical Lift: \$3,890.00
1. Two man platform capacity 700 lbs.	Yes			
2. 180° platform rotation.	Yes			
3. Upper boom articulation minimum 160 degrees relative to lower boom.	Yes			
4. Lower boom articulation minimum 90 degrees.	Yes			
5. Platform mount single lever control with integral safety trigger and emergency stop control.	Yes			
6. Lower single stick control mounted on curbside between boom and platform with integral safety trigger including emergency stop.	Yes			
7. Automatic throttle control activates with trigger at single stick	Yes			
8. Engine start/stop from platform and lower controls.	Yes			
9. Open center hydraulic system providing from 8 GPM (30 LPM) to 12 GPM (45 LPM) and 3000 psi ( 210 kg/cm <sup>2</sup> ) system pressure.	Yes			
10. Hydraulic 90 degree platform rotation with hydraulic tilt for cleanout or rescue.	Yes			
11. Fiberglass upper boom with test band tested per ANSI A92.2 for Category B 69-KV.	Yes			

ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
12. Chassis insulating system (lower boom insert) providing minimum 24" insulation gap including accommodations to bridge insulation gap for testing per ANSI A92.	Yes		
13. White urethane over white gel coat on fiberglass upper boom and lower boom insert.	Yes		
14. Dual A type outriggers with outrigger boom interlock system.	Yes		
15. Automatic boom rest.	Yes		
16. Full length torque box and mounting hardware for cab and chassis.	Yes		
17. Urethane white paint.	Yes		
18. Body safety harness and lanyard	Yes		
19. Continuous 360° rotation with engine start/stop and 12 volt emergency power pump/motor.	Yes		
20. Two-man, deep closed fiberglass basket with step, and platform leveling.	Yes		
21. Vinyl platform cover and liner for two-man platform.	Yes		
<b>21. FLAT BED SPECIFICATIONS:</b>			
1. The body shall be 96" wide x 223" long, with full over the cab protection.	Yes		
2. Body will be formed in two pieces.	Yes		
3. A minimum of 3" grade 50 Hi-tensile cross members 12" on center stitch-welded to underside of body.	Yes		
4. 6" C-channel long-sills spaced 34" apart welded on both sides shall be utilized.	Yes		
5. 10 gauge 6" X 6" gussets on every other crossmember	Yes		
6. Starting at 2nd crossmember from front shall be stitch-welded to long-sills and crossmembers.	Yes		
7. A 3/16" deep tail apron 12" across longs tapering to 6" at rubrails shall be provided.	Yes		
8. Headboard and cab protector will be framed out of 2 X 4 X 1/8 " tubing with 10-gauge steel sheet stitch welded to tubing.	Yes		
9. The rub rails color shall match the truck frame color.	Yes		
10. The flat bed deck shall be finished with LINE-X.	Yes		

**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
11. Shall have a 24" square cross bed box, open, with doors on both ends, mounted across the deck at the bulkhead.	Yes		
12. Shall have a three step ladder at platform with non-slip treads.	Yes		
13. Shall have two permanent grab handles for the ladder to attach to rear curbside side.	Yes		
14. Shall have steps from ground level to bed height, with non-slip treads and grab handles at rear of bed.	Yes		
<b>Street side compartments:</b>			
1. Rear horizontal: 24 in deep. X as long as possible, with 2 vertically mounted doors.	Yes		
<b>Curbside compartments:</b>			
1. Horizontal: 60 in. with (1) removable divider shelf with metal dividers, and horizontal bottom hinged door.	Yes		
2. Rear horizontal: 24 in deep X as long as possible, with 2 vertically mounted doors.	Yes		
3. Rear lighting: 9-lamp amber LED traffic advisor light installed at rear of tail shelf.	Yes		
4. Wheel chock storage: - two (2) each side built into bed frame.	Yes		
<b>Warranty:</b>			
1. Manufacturer shall identify a single point warranty, and repair facility approved by the City of Long Beach within a 25-mile radius of Long Beach City Hall.	Yes		
2. The Contractor shall guarantee the complete vehicle furnished under these specifications against defects in material and workmanship for a period of 3 years from date unit is placed in service. The Contractor shall repair or replace any such item(s) necessary during the warranty period at its own cost and expense, without cost to the City.	Yes		
3. Warranty shall begin when the City of Long Beach places the unit in service.	Yes		
4. All transportation of vehicles for warranty repairs shall be at the expense of the	Yes		

ITB FS 18-004 - APPENDIX A  
 75' CNG POWERED AERIAL BUCKET TRUCK

COMPLY  
 YES NO

COMMENTS / EXCEPTIONS

<p>manufacturer unless prior agreement is approved for each instance with the City of Long Beach.</p>	<p>Yes</p>		
<p><b><u>Warranty Performance:</u></b></p>			
<p>1. The contractor shall be required to provide service within one (1) working day after notification by telephone.</p>	<p>Yes</p>		
<p>2. If the contractor does not acknowledge after two (2) working days, it shall be assumed as approval for the City to repair the vehicle or obtain warranty outside vendor repair facility.</p>	<p>Yes</p>		
<p>3. The City shall be paid an area average hourly rate for labor inclusive of transportation and parts replaced one for one repairs from component manufacturers.</p>	<p>Yes</p>		
<p>4. The vehicle manufacturer shall furnish all warranty documentation to the City upon delivery.</p>	<p>Yes</p>		
<p>5. Defective parts shall be labeled and retained by the City until parts are replaced.</p>	<p>Yes</p>		
<p>6. Contractor shall take full responsibility for returning any defective parts to his supplier.</p>	<p>Yes</p>		
<p>7. Outside vendor repair facility parts and labor billing to go directly to manufacturer.</p>	<p>Yes</p>		
<p><b><u>EMISSION RATING:</u></b></p>			
<p>Vehicles shall meet the minimum emission requirements set forth by the SCAQMD and be rated at LEV, ULEV, or SULEV emission standards. Vendor shall supply the CARB Executive Order number for the emissions system.</p>	<p>Yes</p>		
<p><b><u>Manuals/Operating Service:</u></b></p>			
<p>Successful bidder shall provide a full set of operating/service manuals (CD if available) for every major component installed in truck including cab and chassis, electrical schematics, hydraulic schematics, and a complete parts manual and as built drawings. All manuals and schematics shall be delivered with each unit.</p>	<p>Yes</p>		

**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

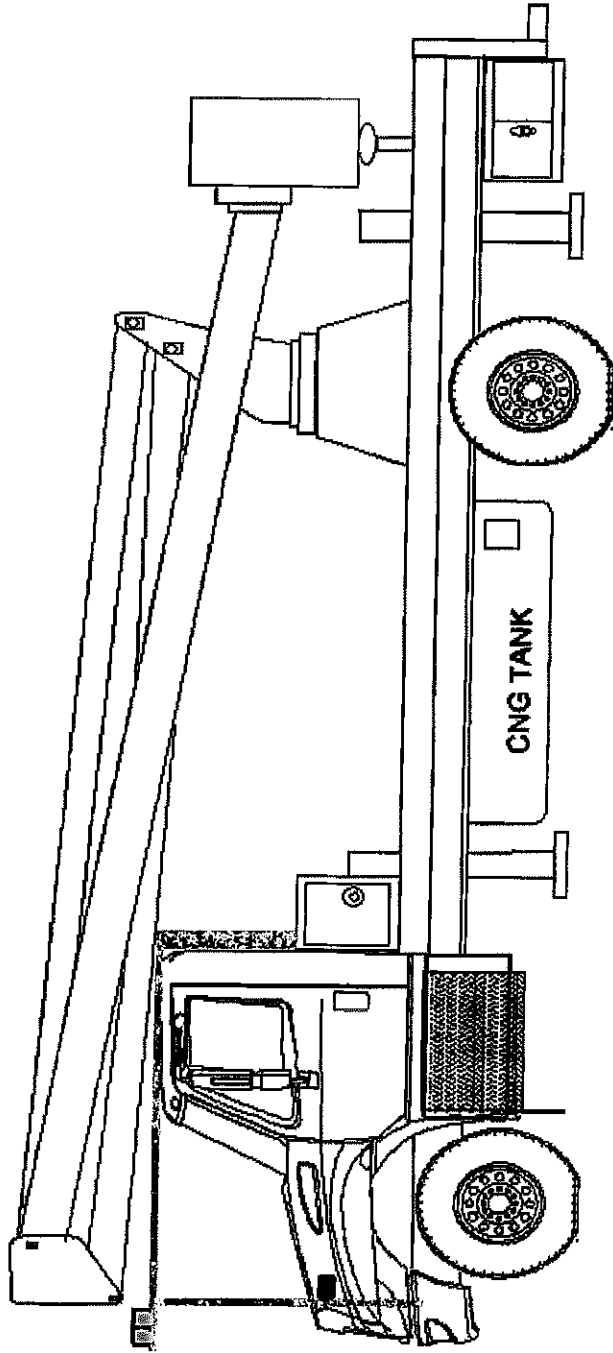
	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
Vendor shall also supply 1 (one) engine, and body manufacture diagnostic software.			
<p><b><u>TRAINING:</u></b> Vendor shall provide 8 (eight) hours of training on the maintenance and operation of the truck, aerial apparatus, and equipment. Training dates shall commence no later than 30 days after delivery.</p>	Yes		
<p><b><u>Plans and Designs:</u></b> One set of plans designed to coordinate with these specifications shall be submitted with the bid proposal. Design drawings shall include, but are not limited to, both profile view plans, top view plan, and rear plan view. Bidders/manufacturers agree that these plans and specifications are the joint property of the Bidder and the City of Long Beach. The designee shall approve any publicity releases regarding this project.</p>	Yes		
<p><b><u>Planning and Inspections:</u></b> There shall be a pre-build meeting to be held at: City of Long Beach, Fleet Service Bureau, 2600 Temple Ave. Long Beach CA 90806. At this meeting all specifications shall be reviewed and verified.</p>	Yes		
<p><b><u>Delivery:</u></b> Delivery of the vehicle shall be to Fleet Services Bureau located at 2600 Temple Ave. Long Beach, CA 90808. The truck shall be under its own power to allow for "break-in" period. Delivery shall be <u>330</u> days from ARO. Please state number of delivery days.</p>	Yes		


**ITB FS 18-004 - APPENDIX A  
75' CNG POWERED AERIAL BUCKET TRUCK**

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><b><u>Liquidated Damages</u></b></p> <p>Time is of the essence for delivery. Contractor shall commence work on date specified in a written Notice to Proceed/City of Long Beach Purchase Order from the City and shall complete all work/delivery within days/date listed in the "Delivery Requirement" section of the bid. Time is of the essence hereunder. City will suffer damage if the work/delivery is not completed within the time stated, but those damages would be difficult or impractical to determine. Therefore, liquidated damages in the amount of \$100.00 per day, beginning at the time work/delivery is due and continuing each day until work/delivery is completed, shall be paid to City or withheld from final payment for such delay. City to evaluate on a case by case basis. Such as strikes, lockouts and events beyond the reasonable control of Contractor.</p>	Yes		
<p>Contractor is required to keep City informed of the status of the equipment on a bi-weekly basis to the Fleet Representative. Delays can be authorized with prior approval in writing from Fleet Services Representative.</p>	Yes		

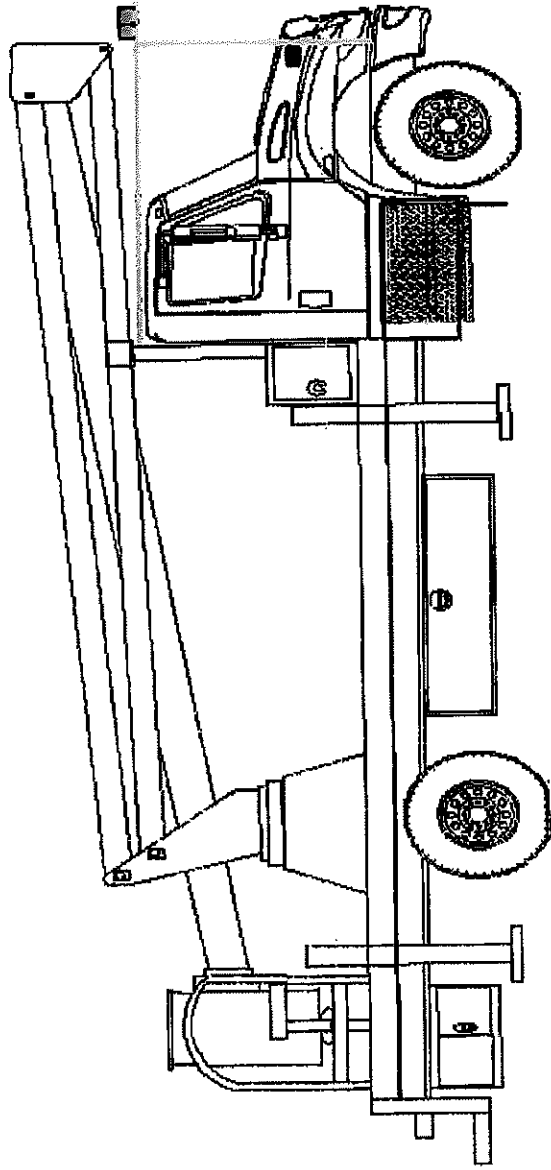



**ITB FS 17-129 – APPENDIX  
75' CNG POWERED AERIAL BUCKET TRUCK**



 Fleet Services Division	Street Side View	
	Public Services Street Trees	
PROJECT	DATE	BY

**ITB FS 17-129 - APPENDIX  
75' CNG POWERED AERIAL BUCKET TRUCK**



 Public Services Bureau	<b>Curb Side View</b>												
	<b>Public Services Street Trees</b>												
<table border="1"> <tr> <td>TITLE</td> <td>DATE</td> <td>BY</td> <td>CHECKED</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	TITLE	DATE	BY	CHECKED					<table border="1"> <tr> <td>DESIGN NO.</td> <td>PROJECT</td> </tr> <tr> <td></td> <td></td> </tr> </table>	DESIGN NO.	PROJECT		
TITLE	DATE	BY	CHECKED										
DESIGN NO.	PROJECT												

ITB FS 18-004  
CNG 75' AERIAL BUCKET TRUCK

**BID SECTION**

COST FOR VEHICLE	<u>\$ Input Price Electronically</u>
TIRE TAX	<u>\$ Input Price Electronically</u>
DELIVERY	<u>\$ Input Price Electronically</u>
SALES TAX (10.25%)	<u>\$ Input Price Electronically</u>
TOTAL COST	<u>\$ Input Price Electronically</u>

## Attachment A

### Debarment, Suspension, Ineligibility and Voluntary Exclusion Certification

*Please read Acceptance of Certification and Instructions for Certification before completing*

As a current or potential vendor for the City of Long Beach (City) your firm, through its business relationship with the City, may be the recipient of federal grant funds. As such, the City is required to document that neither your business entity or organization, nor any of your principals are debarred, suspended, ineligible, or have voluntarily been excluded from receiving federal grant funds. Consistent with Executive Order No. 12549 Title 2 CFR Part 180 Subpart C, all potential recipients of federal grant funds are required to comply with the requirements specified below. By submission of proposal/bid/agreement, the undersigned, under penalty of perjury, certifies that the participant, nor any of its principals in the capacity of owner, director, partner, officer, manager, or other person with substantial influence in the development or outcome of a covered transaction, whether or not employed by the participant:

- Are not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal department or agency;
- Have not, within a three (3) year period preceding this bid/agreement/proposal, been suspended, debarred, voluntarily excluded or declared ineligible by a federal agency;
- Do not presently have a proposed debarment proceeding pending;
- Have not, within a three (3) year period preceding this bid/agreement/proposal, been indicted or convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct;
- Have not, within a three (3) year period preceding this bid/agreement/proposal, had one or more public transactions (Federal, State, or local) terminated for cause or default.

If reorganization, management turnover, or a shift or change of principals' status occurs, written notice must be submitted within 21 days. Subsequent disclosure of unfavorable information will be subject to thorough review and remedial action. Updated versions of this certification may be requested on a routine basis.

Where the potential prospective recipient of Federal assistance funds is unable to certify to any of the statement in this certification, such prospective participant shall attach an explanation to the applicable bid/agreement/proposal.

Altec Industries, Inc.

Business/Contractor/Agency

LaRoy Jones

Name of Authorized Representative

Technical Sales Associate

Title of Authorized Representative

Signature of Authorized Representative

10/03/2017

Date

r20141001

## Acceptance of Certification

1. This bid/agreement/proposal or like document has the potential to be a recipient of Federal funds. In order to be in compliance with Code of Federal Regulations, the City requires this completed form. By signing and submitting this document, the prospective bidder/proposer is providing the certification and acknowledgement as follows:
2. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549.
3. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective recipient of Federal assistance funds knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
4. The potential recipient of Federal assistance funds agrees by submitting this bid/agreement/proposal or like document that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

### **Instructions for completing the form, Attachment –Debarment Certification**

1. The City of Long Beach sometimes receives Federal funding on certain purchases/projects. To ensure that the City is in compliance with Federal regulations we require this form to be completed.
2. The City of Long Beach checks the System for Award Management at [www.sam.gov](http://www.sam.gov) to make sure that Consultants who are awarded City contracts and/or purchase orders are not debarred or suspended. Prospective Consultants should perform a search on this website for your company and or persons associated with your business.
3. If your business is in compliance with the conditions in the form, please have the appropriate person complete and sign this form and return with your bid/proposal/agreement.
4. If at anytime, your business or persons associated with your business become debarred or suspended, we require that you inform us of this change in status.
5. If there are any exceptions to the certification, please include an attachment. Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception, indicate to whom it applies, initiating agency and dates of action.
6. Note: Providing false information may result in criminal prosecution or administrative sanctions.

***If you have any questions on how to complete this form, please contact the  
Purchasing Division in the City of Long Beach Business Relations Bureau at 562-570-6200***

Rev 12.11.13



City of Long Beach  
 Purchasing Division  
 333 W Ocean Blvd/7<sup>th</sup> Floor  
 Long Beach CA 90802

ATTACHMENT B

Reference Information Form

Client/Contractor Name Southern California Edison

Project Manager/Contact Name Shawn Barge E-mail shawn.barge@sce.com Ph. No. 909-469-0340

Address 14155 Bake Pkwy, Irvine, CA 92618

Project Description Furnished Model AT37G with Hybrid Systems

Project Dates (Start and End) 06/2016 Contract Term(s) \_\_\_\_\_ Contract Amount \$200,000.00 +

Client/Contractor Name The Port of Los Angeles

Project Manager/Contact Name David Comer E-mail dcomer@portla.org Ph. No. 310-732-3794

Address 500 Pler "A" Street, Wilmington, CA 90744

Project Description Furnished two (2) Model AT37G with CNG Conversion

Project Dates (Start and End) 06/2016 Contract Term(s) \_\_\_\_\_ Contract Amount \$300,000.00 +

Client/Contractor Name City of Beverly Hills

Project Manager/Contact Name Craig Crowder E-mail ccrowder@beverlyhills.org Ph. No. 310-285-2484

Address 345 Foothill Rd, Beverly Hills, CA 90210

Project Description Furnished two (2) Model AT40G with Hybrid System

Project Dates (Start and End) 06/2016 Contract Term(s) \_\_\_\_\_ Contract Amount \$300,000.00 +

Client/Contractor Name San Diego Gas and Electric

Project Manager/Contact Name Rick Thomsen E-mail rthomsen@semprautilities.com Ph. No. 858-547-3057

Address 6875 Consolidated Way, San Diego, CA

Project Description Furnished Model AT37G with Hybrid System

Project Dates (Start and End) 06/2016 Contract Term(s) \_\_\_\_\_ Contract Amount \$200,000.00 +

Client/Contractor Name Pacific Gas and Electric Company

Project Manager/Contact Name Nina Kisch E-mail NLK4@pge.com Ph. No. 925-415-6806

Address 5221 Quinn Rd, Vaceville, CA 95688

Project Description Furnished various Models with Hybrid Systems

Project Dates (Start and End) 06/2016 Contract Term(s) \_\_\_\_\_ Contract Amount \$200,000.00 +

Attachment C

**W-9 Request for Taxpayer  
Identification Number and Certification**

[Form must be signed and dated]

# Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

**1** Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
**ALTEC INC**

**2** Business name/disregarded entity name, if different from above  
**ALTEC INDUSTRIES, INC**

**3** Check appropriate box for federal tax classification; check only one of the following seven boxes:  
 Individual/sole proprietor or single-member LLC  
 C Corporation  S Corporation  Partnership  Trust/estate  
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ \_\_\_\_\_  
 Note: For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.  
 Other (see instructions) ▶ \_\_\_\_\_

**4** Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  
 Exempt payee code (if any) **05**  
 Exemption from FATCA reporting code (if any) \_\_\_\_\_  
*(Applies to accounts maintained outside the U.S.)*

**5** Address (number, street, and apt. or suite no.)  
**210 INVERNESS CENTER DRIVE**

**6** City, state, and ZIP code  
**BIRMINGHAM, AL 35242**

**7** List account number(s) here (optional)

Requester's name and address (optional)

Print or type  
 See Specific Instructions on page 2.

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note: If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
OR								
Employer identification number								

**Part II Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

**Sign Here** Signature of U.S. person ▶ *Shelia G. Jones* Date ▶ **1-12-2017**

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filed-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

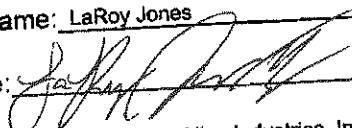






If a contractor has not received a waiver from complying with the EBO and the timeframe within which it can delay implementation has expired but it has failed to comply with the EBO, the Contractor may be deemed to be in material breach of the Contract. In the event of a material breach, the City may cancel, terminate or suspend the City agreement, in whole or in part. The City also may deem the Contractor an irresponsible bidder and disqualify the Contractor from contracting with the City for a period of three years. In addition, the City may assess liquidated damages against the Contractor which may be deducted from money otherwise due the Contractor. The City may also pursue any other remedies available at law or in equity.

By my signature below, I acknowledge that the Contractor understands that to the extent it is subject to the provisions of the Long Beach Municipal Code section 2.73, the Contractor shall comply with this provision.

Printed Name: LaRoy Jones Title: Technical Sales Associate  
Signature:  Date: 10/02/2017  
Business Entity Name: Altec Industries, Inc.



City of Long Beach  
Purchasing Division  
333 W. Ocean Blvd 7<sup>th</sup> Floor  
Long Beach, CA 90802

## ATTACHMENT E

### INSURANCE REQUIREMENTS

Contractor shall submit proof of insurability from an insurance company with an: 8 rating (as specified in City AR 8-27) from AM Best Company with bid. Failure to submit this proof will disqualify the bid.

- Successful bidder shall obtain and maintain at its expense until completion of performance and acceptance by the City, from an insurer:
  - Admitted (Licensed) in the State of California with a current financial responsibility rating of an Excellent or better and a current financial size category (FSC) of V (Capital Surplus and Conditional Surplus Funds of greater than \$10 million) or greater rating as reported by AM Best Company or equivalent, unless waived in writing by the City's Risk Manager, or
  - Non-admitted in the State of California with a current financial responsibility rating of an Excellent or better and a current financial size category (FSC) of VIII (Capital Surplus Funds or greater than \$100 million) or greater rating as reported by AM Best Company or equivalent, unless waived in writing by City's Risk Manager.
  - Comprehensive General Liability naming City, its Officials, Employees, and Agents as additional insureds for injury to or death of persons or damage to or loss of property arising from or connected to vendor's performance here-under \$1,000,000 combined single limit for each occurrence and \$2,000,000 General Aggregate.
  - Automobile Liability: \$500,000 combined single limit per accident for bodily injury and property damage covering owned, non-owned and hired vehicles.
  - Worker's Compensation: As required by California Labor Code.
- Self-insurance of self-insured retention must be approved in writing by City and protect City in same manner and extent as if policies had not contained retention. Each policy must be endorsed to state that coverage shall not be cancelled by either party of reduced in coverage except after 30 days prior written notice to City. Vendor must furnish to City before performance certificates of insurance and original endorsements, with the original signature of one authorized by the insurer to bind coverage on its behalf, for approval as to sufficiency and form. This insurance shall not be deemed to limit vendor's liability hereunder.
- Contractor shall maintain at its expense, until completion of performance and acceptance by City, from an insurer:
  - Admitted (Licensed) in the State of California with a current financial responsibility rating of A (Excellent) or better and a current financial size category (FSC) of V (capital surplus

Section 3. PROVISIONAL COMPLIANCE

A. Contractor/vendor is not in compliance with the EBO now but will comply by the following date:

\_\_\_\_\_ By the first effective date after the first open enrollment process following the contract start date, not to exceed two years, if the Contractor/vendor submits evidence of taking reasonable measures to comply with the EBO; or

\_\_\_\_\_ At such time that the administrative steps can be taken to incorporate nondiscrimination in benefits in the Contractor/vendor's infrastructure, not to exceed three months; or

\_\_\_\_\_ Upon expiration of the contractor's current collective bargaining agreement(s).

B. If you have taken all reasonable measures to comply with the EBO but are unable to do so, do you agree to provide employees with a cash equivalent? (The cash equivalent is the amount of money your company pays for spousal benefits that are unavailable for domestic partners.)  
\_\_\_\_\_ Yes \_\_\_\_\_ No

Section 4. REQUIRED DOCUMENTATION

At time of issuance of purchase order or contract award, you may be required by the City to provide documentation (copy of employee handbook, eligibility statement from your plans, insurance provider statement, etc.) to verify that you do not discriminate in the provision of benefits.

Section 5. CERTIFICATION

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that I am authorized to bind this entity contractually. By signing this certification, I further agree to comply with all additional obligations of the Equal Benefits Ordinance that are set forth in the Long Beach Municipal Code and in the terms of the contract of purchase order with the City.

Executed this 3rd day of October, 2017, at 3:37 PM  
Name LaRoy Jones Signature [Signature]  
Title Technical Sales Associate Federal Tax ID No. [Redacted]



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
06/20/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. IF SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> MCGRIFF, SEIBELS & WILLIAMS, INC. P.O. Box 10265 Birmingham, AL 35202	<b>CONTACT NAME:</b> Bridgette Taul <b>PHONE (A/C, No, Ext):</b> 800-476-2211 <b>E-MAIL ADDRESS:</b> btaul@mcgriff.com	<b>FAX (A/C, No):</b>
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> Atec Industries, Inc. 325 South Center Drive Daleville, VA 24063	<b>INSURER A :</b> Lexington Insurance Company <b>NAIC #</b> 18437	
	<b>INSURER B :</b> Hartford Fire Insurance Company      19682	
	<b>INSURER C :</b> Trumbull Insurance Company      27120	
	<b>INSURER D :</b> Hartford Casualty Insurance Company      29424	
	<b>INSURER E :</b>	
	<b>INSURER F :</b>	


**COVERAGES**      **CERTIFICATE NUMBER:** Z76LQUL9      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURED	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	013T36094	06/01/2017	06/01/2018	EACH OCCURRENCE \$ 6,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ N/A PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMP/OP AGG \$ 6,000,000
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		21CSSES27903	06/01/2017	06/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	21WNS27900 (AOS) 21XWES27902 (AL,MO,NC)	06/01/2017	06/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
The City of Long Beach, its officials, employees and agents are additional insured under General Liability as required by written contract.

**CERTIFICATE HOLDER**      **CANCELLATION**

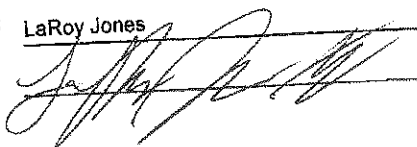
City of Long Beach Purchasing Division 333 W. Ocean Blvd 7th Floor Long Beach, CA 90802	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
--	--



City of Long Beach  
 Purchasing Division  
 333 w. Ocean Blvd 7<sup>th</sup> Floor  
 Long Beach, CA 90802

- and conditional surplus funds of greater than \$10 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by City's Risk Manager, or
- o Non-admitted in the State of California with a current financial responsibility rating of A (Excellent) or better and a current financial size category (FSC) of VIII (capital surplus and conditional surplus funds of greater than \$100 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by the City's Risk Manager.
- All coverages for Subcontractors shall be subject to the requirements stated herein and shall be maintained at no expense to the City.
- Contractor shall furnish the City with certificates of insurance and original endorsements providing coverage as required above. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.
- Before any of Contractor's or Subcontractor's employees shall do any work on the City's property, Contractor shall furnish the City with the required certificates evidencing that such insurance is being maintained. Such certificates shall specify the date when such insurance expires. Such insurance shall be maintained until after the Work under the Contract has been completed and accepted.
- Such insurance as required herein or in any other documents to be considered a part hereof shall not be deemed to limit Contractor's liability under this Contract.
- Contractor shall defend, indemnify and hold harmless the City, its officials and employees from and against any and all liability for claims for bodily injury and property damage arising out of negligent acts, omissions or errors of any employee of Contractor at the Site.
- Contractor shall list the name and location of the place of business of each Subcontractor who will perform work, labor or services for Contractor, or who specially fabricates and installs a portion of the Work or improvement in an amount in excess of one-half of one percent of Contractor's total contract cost. The Subcontractor list shall be submitted with Contractor's Bid.

By submitting a signature below, Bidder promises that insurance requirements can be provided as requested.

Printed Name: LaRoy Jones Title: Technical Sales Associate  
 Signature:  Date: 10/04/2017

ENDORSEMENT # 003

This endorsement, effective 12:01 A.M., 06/01/2017  
Forms a part of Policy No.: 013136094  
Issued to: Altec, Inc. Attn: Mark Bertovic  
By: LEXINGTON INSURANCE COMPANY

**ADDITIONAL INSURED REQUIRED BY WRITTEN CONTRACT**

This endorsement modifies insurance provided under the following:

**COMMERCIAL GENERAL LIABILITY POLICY**

- A. Section II – Who Is An Insured is amended to include any person or organization you are required to include as an additional insured on this policy by a written contract or written agreement in effect during this policy period and executed prior to the "occurrence" of the "bodily injury" or "property damage."
- B. The insurance provided to the above described additional insured under this endorsement is limited as follows:
1. COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE (Section I - Coverages) only.
  2. The person or organization is only an additional insured with respect to liability arising out of "your work" or "your product" for that additional insured.
  3. In the event that the Limits of Insurance provided by this policy exceed the Limits of Insurance required by the written contract or written agreement, the insurance provided by this endorsement shall be limited to the Limits of Insurance required by the written contract or written agreement. This endorsement shall not increase the Limits of Insurance stated in the Declarations under Item 3. Limits of Insurance pertaining to the coverage provided herein.
  4. The insurance provided to such an additional insured does not apply to "bodily injury" or "property damage" arising out of an architect's, engineer's or surveyor's rendering of or failure to render any professional services including:
    - I The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders, or drawings and specifications;  
and
    - II Supervisory, inspection, architectural or engineering activities.
  5. This insurance does not apply to "bodily injury" or "property damage" arising out of "your work" or "your product" included in the "products-completed operations hazard" unless you are required to provide such coverage by written contract or written agreement.
  6. Any coverage provided by this endorsement to an additional insured shall be excess over any other valid and collectible insurance available to the additional insured whether primary, excess, contingent or on any other basis unless a written contract or written agreement specifically requires that this insurance apply on a primary and non-contributory basis.



C. In accordance with the terms and conditions of the policy and as more fully explained in the policy, as soon as practicable, each additional insured must give us prompt notice of any "occurrence" which may result in a claim, forward all legal papers to us, cooperate in the defense of any actions, and otherwise comply with all of the policy's terms and conditions.

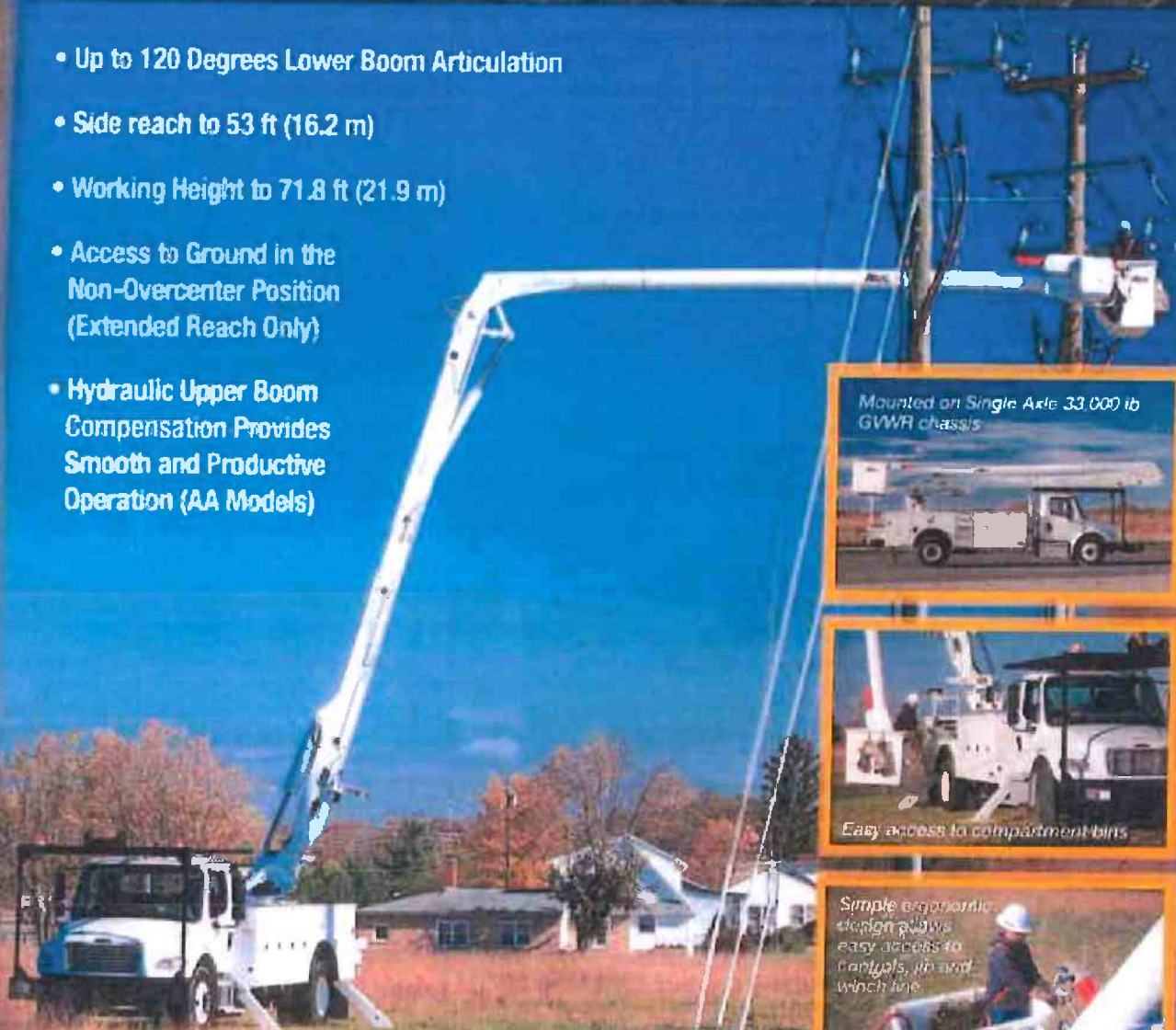
All other terms and conditions of the policy remain the same.

\_\_\_\_\_  
Authorized Representative



## AA/AN67 and AA/AN67E Series

- Up to 120 Degrees Lower Boom Articulation
- Side reach to 53 ft (16.2 m)
- Working Height to 71.8 ft (21.9 m)
- Access to Ground in the Non-Overcenter Position (Extended Reach Only)
- Hydraulic Upper Boom Compensation Provides Smooth and Productive Operation (AA Models)



Mounted on Single Axle 33,000 lb GVWR chassis



Easy access to compartment bins



Simple ergonomic design provides easy access to controls, job and winch line

### New Equipment Sales

210 Inverness Center Drive • Birmingham, AL 35242  
800.958.2555 Fax 205.449.4774

For more information email us at [sales@altec.com](mailto:sales@altec.com)

# Altec AA/AN Series

## standard features

- Platform Leveling System - Chain and Rod in Lower and Upper Booms
- Lower Boom Non-Overstow Protection System
- Altec ISO-Grip<sup>®</sup> Control System
- Outrigger Motion Alarm
- Outrigger Boom Interlock System
- Electric/Hydraulic Outrigger Controls
- Back Up Alarm
- Powder Coat Painted Prior to Assembly
- Two Sets of Hydraulic Tool Circuits at Each Platform
- Diagnostic Pressure Test Quick Disconnect Couplings
- Continuous Rotation
- Hydraulic Platform Rotators (if so equipped)
- Emergency Stop Valves at all Upper and Lower Control Stations
- Pilot Pressure System

## options

- Automatic Upper Boom Stow System
- Engine Start/Stop
- Remote Secondary Stowage System
- Jib Adapter
- Phase Lifting Jib Attachment
- One 2-Man Platform
- 180 Degree Rotator, End-Hung Personnel Only Platform

## recommended features

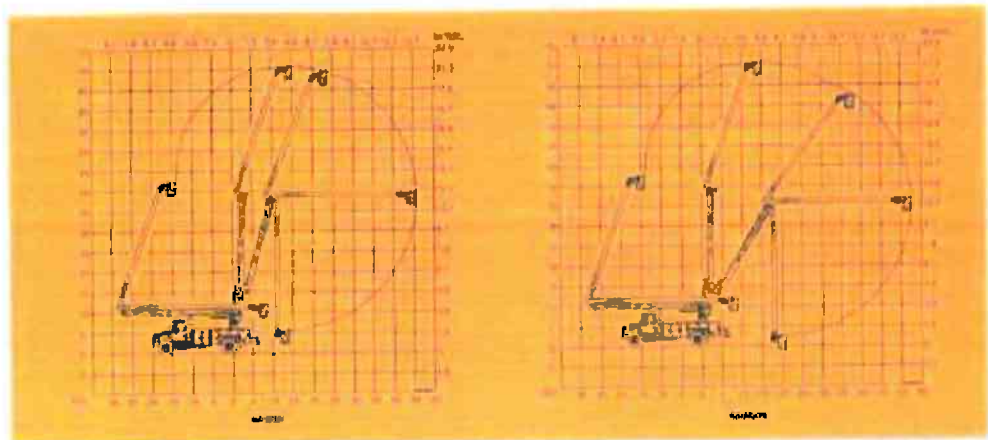
- Fall Protection System
- Outrigger Pads
- Platform Liner
- Wheel Chocks

## configurations

\* Based on 40 in (1016 mm) chassis frame height.

Specifications	AA67	AN67	AA67E	AN67E
Ground to Bottom of Platform	66.6 ft (20.4 m)	66.6 ft (20.4 m)	66.6 ft (20.4 m)	66.6 ft (20.4 m)
Working Height	71.6 ft (21.9 m)	71.6 ft (21.9 m)	71.6 ft (21.9 m)	71.5 ft (21.9 m)
Maximum Side Reach, Non-Overcenter	45.2 ft (13.8 m)	45.2 ft (13.8 m)	53.0 ft (16.2 m)	53.0 ft (16.2 m)
Stowed Travel Height, Approximate	11.6 ft (3.5 m)	11.6 ft (3.5 m)	11.6 ft (3.5 m)	11.5 ft (3.5 m)
Platform Capacity	Up to 700 lb (318 kg)	Up to 700 lb (318 kg)	Up to 700 lb (318 kg)	Up to 700 lb (318 kg)
Jib Capacity, Maximum	2000 lb (907 kg)	2000 lb (907 kg)	NA	NA
Lower Boom Articulation, degrees	105	105	120	120
Upper Boom Articulation, degrees	173	173	173	173
Rotation	Continuous	Continuous	Continuous	Continuous

## reach diagrams



210 Inverness Center Drive • Birmingham, AL 35242 • Fax 205.449.4774 • sales@altec.com

**New Equipment Sales • 1.800.958.2555**

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5/2014

**Prepared for:**  
LAROY JONES  
ALTEC INDUSTRIES INC  
325 INDUSTRIAL WAY  
DIXON, CA 95620  
Phone: 707-678-7315

**QUOTE ID**  
**LONG41K18-15M A75 CNG**

**Prepared by:**  
Shane Hall  
Peach State Freightliner  
1755 Dry Pond Road  
Jefferson, GA 30549  
Phone: 7063678998

*A proposal for*  
**ALTEC INDUSTRIES INC**  
**CITY OF LONG BEACH**

*Prepared by*  
**Peach State Freightliner**  
*Shane Hall*

**Oct 06, 2017**

**2019 Freightliner M2 112**  
**4X2 @ 41,000 GVWR**



Components shown may not reflect all spec'd options and are not to scale

Prepared for:  
 LARROY JONES  
 ALTEC INDUSTRIES INC  
 325 INDUSTRIAL WAY  
 DIXON, CA 95820  
 Phone: 707-678-7315

**QUOTE ID**  
**LONG41K18-15M A75 CNG**

Prepared by:  
 Shane Hall  
 Peach State Freightliner  
 1755 Dry Pond Road  
 Jefferson, GA 30549  
 Phone: 7063678998

**SPECIFICATION PROPOSAL**

Data Code	Description	Weight Front	Weight Rear
<b>Price Level</b>			
PRL-16M	M2 PRL-16M (EFF:04/25/17)		
<b>Data Version</b>			
DRL-023	SPECPRO21 DATA RELEASE VER 023		
<b>Interior Convenience/Driver Retention Package</b>			
055-998	NO INTERIOR CONVENIENCE PACKAGE		
<b>Vehicle Configuration</b>			
001-175	M2 112 CONVENTIONAL CHASSIS	8,244	6,126
004-219	2019 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
<b>General Service</b>			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-104	DOMICILED, USA, CALIFORNIA REGISTERED (FOR NATURAL GAS VEHICLES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1UT	UTILITY BUSINESS SEGMENT		
AA4-011	FIXED LOAD COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME. IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1AE	FREIGHTLINER LEVEL II WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
A69-99D	EXPECTED TAG AXLE(S) LOAD : 0.0 lbs		

Prepared for:  
 LAROY JONES  
 ALTEC INDUSTRIES INC  
 325 INDUSTRIAL WAY  
 DIXON, CA 95620  
 Phone: 707-878-7315

**QUOTE ID**  
**LONG41K18-15M A75 CNG**

Prepared by:  
 Shane Hall  
 Peach State Freightliner  
 1755 Dry Pond Road  
 Jefferson, GA 30549  
 Phone: 7063678998

Data Code	Description	Weight Front	Weight Rear
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 39000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 65000.0 lbs		
<b>Truck Service</b>			
AA3-006	UTILITY BODY		
A88-99D	EXPECTED TRUCK BODY LENGTH : 0.0 ft		
AE2-99D	EXPECTED TRUCK BODY WIDTH : 96.0 In		
AF3-1EN	ALTEC		
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 In		
<b>Engine</b>			
101-26N	CUM L9N 320 HP @ 2000 RPM, 2200 GOV, N-GAS, 1000 LB/FT @ 1300 RPM	-850	-70
<b>Engine Equipment</b>			
99C-018	2018 AND LATER NATURAL GAS AND LPG ONLY: 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17		
99D-012	2008 CARB EMISSION CERTIFICATION - EXEMPTED VEHICLE; NO CLEAN IDLE LABEL REQUIRED		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
124-1E7	DR 12V 275 AMP 40-SI BRUSHLESS PAD ALTERNATOR WITH REMOTE BATTERY VOLTAGE SENSE	10	
292-098	(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES	-50	-10
290-017	BATTERY BOX FRAME MOUNTED		
281-001	STANDARD BATTERY JUMPERS		
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
288-001	NON-POLISHED BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	

Prepared for:  
 LAROY JONES  
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Data Code	Description	Weight Front	Weight Rear
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
016-013	SINGLE HORIZONTAL MUFFLER WITH HORIZONTAL TAILPIPE EXHAUST, RH MOUNTED	-160	-80
28F-010	ENGINE AFTERTREATMENT WIRING, OXYGEN SENSOR		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-998	NO DIESEL EXHAUST FLUID TANK	-25	-25
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-017	CUMMINS SUPPLIED FLEETGUARD COALESCING FILTER (LOW PRESSURE) CNG		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20	
267-001	REMOTE MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
134-001	ALUMINUM FLYWHEEL HOUSING		
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-10	
<b>Transmission</b>			
342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-80	-20
<b>Transmission Equipment</b>			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		

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QUOTE ID  
 LONG41K18-15M A75 CNG

Prepared by:  
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Data Code	Description	Weight Front	Weight Rear
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-017	S5 PERFORMANCE LIMITING PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84F-016	S5 PERFORMANCE LIMITING SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84G-014	2200 RPM PRIMARY MODE SHIFT SPEED		
84H-014	2200 RPM SECONDARY MODE SHIFT SPEED		
84L-010	DISABLE - LOAD BASED SHIFT SCHEDULE, DISABLE - VEHICLE ACCELERATION CONTROL		
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-1Y0	(2) CUSTOMER INSTALLED CHELSEA 277 SERIES PTO'S		
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK	15	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

**Front Axle and Equipment**

400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	210	
402-013	MERITOR 16.5X6 Q+ CAST SPIDER HEAVY DUTY CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		



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Data Code	Description	Weight Front	Weight Rear
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
409-006	FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130	
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR	5	
533-001	OIL/AIR POWER STEERING COOLER		
407-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
<b>Front Suspension</b>			
620-013	18,000# TAPERLEAF FRONT SUSPENSION	200	
619-006	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS		
410-001	FRONT SHOCK ABSORBERS		
<b>Rear Axle and Equipment</b>			
420-051	RS-23-180 23,000# R-SERIES SINGLE REAR AXLE		-2,310
421-614	6.14 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	20	20
393-998	NO DRIVELINE GUARD		
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
87B-004	BLINKING LAMP WITH EACH MODE SWITCH. DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
423-033	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		10
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		

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Data Code	Description	Weight Front	Weight Rear
440-006	REAR OIL SEALS		
426-111	WABCO TRISTOP-D LONGSTROKE 30/36 1-DRIVE AXLE SPRING PARKING CHAMBERS		
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
417-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
<b>Rear Suspension</b>			
622-003	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		80
621-002	SPRING SUSPENSION - 1.00" AXLE SPACER		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
623-005	FORE/AFT CONTROL RODS		
<b>Brake System</b>			
018-002	AIR BRAKE PACKAGE		
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		
477-006	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)		
<b>Trailer Connections</b>			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		

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Data Code	Description	Weight Front	Weight Rear
296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE		
297-001	SAE J580 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT		
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE		

**Wheelbase & Frame**

545-636	6350MM (250 INCH) WHEELBASE		
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/O.437X11.13 INCH) 120KSI	400	280
552-063	2550MM (100 INCH) REAR FRAME OVERHANG		
65W-008	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-50	210
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 172.14 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 146.55 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 381		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 172.14 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 213.3 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 203.3 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
585-001	STANDARD SUSPENSION CROSSMEMBER		

**Chassis Equipment**

556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS		
558-033	REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
674-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
686-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
551-002	HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS		

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Data Code	Description	Weight Front	Weight Rear
489-998	NO TIRE PRESSURE CONTROL/SENSOR		
605-103	CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON TOP FLANGE OF FRAME		
<b>Fuel Tanks</b>			
204-998	NO LH FUEL TANK	-85	-20
230-064	60 DIESEL GALLON EQUIVALENT (DGE) COMPRESSED NATURAL GAS (CNG) FUEL TANKS STACKED BACK OF CAB, 4X16" DIAMETER, 577 MM OVERALL LENGTH	600	450
231-008	STACKED TRANSVERSE MOUNTING BACK OF CAB FOR CNG TANKS WITH PAINTED SHIELDING	80	50
664-001	PLAIN STEP FINISH		
205-085	LH CNG NGV1 STANDARD FILL RECEPTACLE AND DUST CAP AND DEFUELER RECEPTACLE		
220-008	CNG FUEL HEATING SYSTEM	10	
216-059	SINGLE CNG FUEL LINE WITH IN-LINE SOLENOID SHUTOFF VALVE AND PRESSURE REGULATOR		
202-020	STAINLESS STEEL AND SYNTHETIC RUBBER FLEXIBLE FUEL LINES - NATURAL GAS SERVICE		
<b>Tires</b>			
093-2JE	GOODYEAR G751 MSA 315/80R22.5 20 PLY RADIAL FRONT TIRES	82	
094-2H9	GOODYEAR G731 MSA 11R22.5 16 PLY RADIAL REAR TIRES		88
<b>Hubs</b>			
418-080	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-058	CONMET PRESET PLUS PREMIUM ALUMINUM REAR HUBS		-25
<b>Wheels</b>			
502-356	ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS	-28	
505-1DD	ALCOA ULTRA ONE ULTRAX 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-120
524-002	POLISHED FRONT WHEELS; INSIDE AND OUTSIDE		
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY		
50W-998	NO RIM/WHEEL TIRE PRESSURE SENSOR		
496-011	FRONT WHEEL MOUNTING NUTS		

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Data Code	Description	Weight Front	Weight Rear
497-011	REAR WHEEL MOUNTING NUTS		
<b>Cab Exterior</b>			
829-072	112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTING		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10	
678-001	LH AND RH GRAB HANDLES		
646-023	HOOD MOUNTED CHROMED PLASTIC GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
690-017	HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION	5	
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4	
726-002	DUAL ELECTRIC HORNS		
728-001	SINGLE HORN SHIELD		
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-038	INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
677-998	NO CAB MOUNTED STEPS		
768-998	NO REAR WINDOW	-20	
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4	
663-013	TINTED WINDSHIELD		

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Data Code	Description	Weight Front	Weight Rear
859-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		
<b>Cab Interior</b>			
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
891-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
894-010	IN DASH STORAGE BIN		
742-007	(2) CUP HOLDERS LH AND RH DASH		
880-006	GRAY/CHARCOAL FLAT DASH		
860-004	SMART SWITCH EXPANSION MODULE		
71T-002	METHANE DETECTION SYSTEM WITH (1) SENSOR IN CAB AND (1) SENSOR IN ENGINE COMPARTMENT	10	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-019	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES		
130-031	SANDEN HEAVY DUTY AIR CONDITIONER COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-034	PREMIUM INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-045	(2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH		
756-1D9	PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	70	

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Data Code	Description	Weight Front	Weight Rear
760-1D9	PREMIUM HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	80	20
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

**Instruments & Controls**

732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
87L-003	ENGINE REMOTE INTERFACE WITH PARK BRAKE AND NEUTRAL INTERLOCKS		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS. 28 LED WARNING LAMPS AND DATA LINKED		
180-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-074	ENGINE REMOTE INTERFACE NOT CONFIGURED		
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB		

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Data Code	Description	Weight Front	Weight Rear
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
73B-998	NO LANE DEPARTURE WARNING SYSTEM		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-1B4	AM/FM/WB WORLD TUNER RADIO WITH CD PLAYER, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1839	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
8D1-998	NO DETROIT CONNECT SERVICES SELECTED		
8Z1-998	NO ZONAR SERVICES SELECTED		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-091	(6) IGN CONTROLLED EXTRA SWITCHES WITH IND LIGHTS WIRED TO POWER DIST BOX WITH RELAYS PROVIDING 20 AMPS PER CIRCUIT TO JUNCTION BLOCK AND 1 CIRCUIT AT 30 AMPS		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		



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Data Code	Description	Weight Front	Weight Rear
869-998	NO MISCELLANEOUS GAUGES		
<b>Design</b>			
065-000	PAINT: ONE SOLID COLOR		
<b>Color</b>			
980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
98K-5F6	PAINT-FUEL CABINET: L0006EB WHITE ELITE BC		
964-8Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX		
969-099	17 DIGIT BARCODE MOUNTED INSIDE LH DRIVER DOOR		
983-003	STANDARD E COAT/UNDERCOATING		
<b>Certification / Compliance</b>			
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
<b>Secondary Factory Options</b>			
998-032	CORPORATE PDI CENTER OPTION INSTALLATION/MODIFICATION ONLY		
999-034	DEALER ADVISED AND ACCEPTS TERMS OF PIL #395; SPEED OF LOADED VEHICLE MUST BE LIMITED TO 5 MPH MAXIMUM WHEN LIFTABLE AXLE IS RAISED		
<b>Sales Programs</b>			
RZ1-998	NO ZONAR SERVICE SELECTED		

**TOTAL VEHICLE SUMMARY**

**Weight Summary**

	Weight Front	Weight Rear	Total Weight
Factory Weight*	8860 lbs	4684 lbs	13544 lbs
Dealer Installed Options	2085 lbs	0 lbs	2085 lbs
<b>Total Weight*</b>	<b>10945 lbs</b>	<b>4684 lbs</b>	<b>15629 lbs</b>

Prepared for:  
 LAROY JONES  
 ALTEC INDUSTRIES INC  
 325 INDUSTRIAL WAY  
 DIXON, CA 95620  
 Phone: 707-678-7315

**QUOTE ID**  
**LONG41K18-15M A75 CNG**

Prepared by:  
 Shane Hall  
 Peach State Freightliner  
 1755 Dry Pond Road  
 Jefferson, GA 30549  
 Phone: 7063678998

(+) Weights shown are estimates only.  
 If weight is critical, contact Customer Application Engineering.

**G V W R**

**VEHICLE SPECIFICATIONS SUMMARY - GVWR**

Model .....	M2112
Cab Size (829).....	112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Expected Front Axle(s) Load (lbs).....	18000.0
Expected Pusher Axle(s) Load (lbs).....	0.0
Expected Rear Axle(s) Load (lbs).....	21000.0
Expected Tag Axle(s) Load (lbs).....	0.0
Expected GVW (lbs).....	39000
Expected GCW (lbs).....	65000.0
Front Axle (400).....	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
Front Suspension (620).....	18,000# TAPERLEAF FRONT SUSPENSION
Front Hubs (418).....	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
Front Disc Wheels (502).....	ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS
Front Tires (093).....	GOODYEAR G751 MSA 315/80R22.5 20 PLY RADIAL FRONT TIRES
Front Brakes (402).....	MERITOR 16.5X8 Q+ CAST SPIDER HEAVY DUTY CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Steering Gear (536).....	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
Rear Axle (420).....	RS-23-160 23,000# R-SERIES SINGLE REAR AXLE
Rear Suspension (622).....	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD
Rear Hubs (450).....	CONMET PRESET PLUS PREMIUM ALUMINUM REAR HUBS
Rear Disc Wheels (505).....	ALCOA ULTRA ONE ULTRAX 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS
Rear Tires (094).....	GOODYEAR G731 MSA 11R22.5 16 PLY RADIAL REAR TIRES
Rear Brakes (423).....	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Pusher / Tag Axle (443).....	NO PUSHER OR TAG AXLE
Pusher / Tag Suspension (626).....	NO PUSHER OR TAG SUSPENSION
Pusher / Tag Hubs (449).....	NO PUSHER OR TAG HUBS
Pusher/Tag Disc Wheels (508).....	NO PUSHER/TAG DISC WHEELS
Pusher / Tag Tires (095).....	NO PUSHER/TAG TIRES
Pusher / Tag Brakes (456).....	NO PUSHER/TAG BRAKES

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**TABLE SUMMARY - GVWR**

	Weight	Value
<b>AXIS Component Weight Ratings</b>		
Axes	18000	23000
Suspension	18000	23000
Hubs	23000	23000
Brakes	20000	22000
Wheels	20000	29000
Tires	18180	24020
Power Steering	22000	N/A
GAWR (per axle)	18000	22000
GAWR (per axle system)	18000	22000
Expected Load (per axle system)	18000	21000
<b>Vehicle GVWR Summary</b>		
Calculated GVWR	40000	
Expected GVWR	39000	
<small>All weights displayed in pounds</small>		

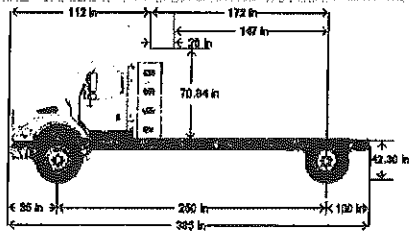
Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model .....	M2112
Wheelbase (545) .....	6350MM (250 INCH) WHEELBASE
Rear Frame Overhang (552) .....	2550MM (100 INCH) REAR FRAME OVERHANG
Fifth Wheel (578) .....	NO FIFTH WHEEL
Mounting Location (577) .....	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in) .....	0
Maximum Rearward Position (in) .....	0
Amount of Slide Travel (in) .....	0
Slide Increment (in) .....	0
Desired Slide Position (in) .....	0.0
Cab Size (829) .....	112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682) .....	NO SLEEPER BOX/SLEEPER/CAB
Exhaust System (016) .....	SINGLE HORIZONTAL MUFFLER WITH HORIZONTAL TAILPIPE EXHAUST, RH MOUNTED

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**TABLE SUMMARY - DIMENSIONS**

Measurement	Value
Bumper to Back of Cab (BBC)	112.4
Bumper to Centerline of Front Axle (BA)	34.5
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	172.1
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	146.8
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
Back of Cab Protrusions (Side Stand/Refill Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	25.6
Back of Cab Clearance (CL)	25.6
Back of Cab to End of Frame	272.1
Cab Height (CH)	70.8
Wheelbase (WB)	250.0
Frame Overhang (CH)	100.0
Overall Length (OAL)	364.5
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	42.3

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**UNLADEN FRAME HEIGHT**

Unladen Height	Requested	Calculated
Frame (in)	N/A	42.30



**VEHICLE SPECIFICATIONS SUMMARY - UNLADEN FRAME HEIGHT**

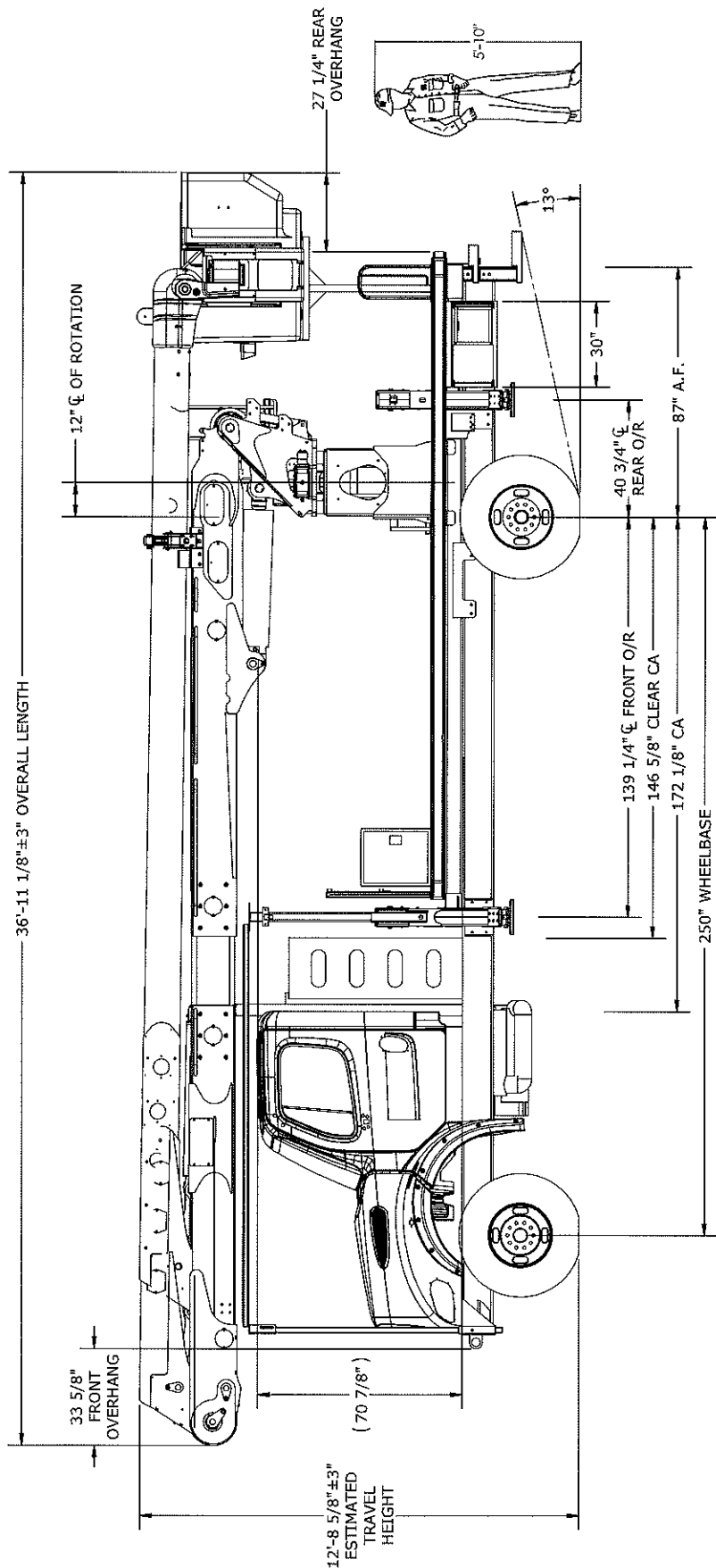
Model .....	M2112
Cab Size (829).....	112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Frame Rails (546).....	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/D.437X11.13 INCH) 120KSI(546)
Web Height (In).....	11.125
Flange Thickness (In).....	0.4375
Rear Suspension (822).....	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD
Rear Suspension Ride Height (821).....	SPRING SUSPENSION - 1.00" AXLE SPACER
Axle C/L to Bottom of Frame (In).....	10.17
Rear Tires (004) .....	GOODYEAR G731 MSA 11R22.5 16 PLY RADIAL REAR TIRES
Unladen Radius (In) .....	21
Fifth Wheel (578).....	NO FIFTH WHEEL
Requested Min Height (In) .....	0.0
Requested Max Height (In) .....	1
Fifth Wheel Leg Height (582).....	NO FIFTH WHEEL LEG HEIGHT
Rear Tow Device (587).....	NO REAR TOWING DEVICE
Requested Min Height (In) .....	0.0
Requested Max Height (In) .....	0.0

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



REVISIONS

REV	DESCRIPTION	DATE	DRAWN ORG
A	RELEASED	-	EC #



UNIT: ANS7  
 SUBBASE HEIGHT: 6"  
 BODY CROSSMEMBERS: -  
 FLATBED CROSSMEMBERS: 5"  
 CHASSIS MAKER: FREIGHTLINER  
 CHASSIS MODEL: M2-112.4X2  
 CHASSIS YEAR: 2019

APPROVAL PRINT STAMP  
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**ATEC**  
 Atec Industries, Inc.  
 Birmingham, AL 35242

TITLE: SALES DRAWING  
 "ATEC BODY MODEL"

SCALE: 1:37.5  
 SHEET: 2  
 ISSUE: 2  
 ISSUE: 990508819  
 REV: 01



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**TURNING RADIUS**



Turning radius graphic and data provided for general estimate purposes only. For specific figures regarding your configuration, please contact your CAE representative.

	Left Turn	Right Turn	Tolerance
Wet to Wet Diameter (ft)	173.3	164.6	±4.9'
Curb to Curb Diameter (ft)	171.1	162.1	±4.9'
Turning Radius (ft)	135.0	130.8	±4.1'

**VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS**

Model ..... M2112  
 Cab Size (829) ..... 112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
 Wheelbase (545) ..... 6350MM (250 INCH) WHEELBASE  
 Front Tires (093) ..... GOODYEAR G751 MSA 315/80R22.5 20 PLY RADIAL FRONT TIRES  
 Width (In) ..... 12.7  
 Front Axle (400) ..... DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE  
 Kingpin Intersection (In) ..... 71  
 Bumper (558) ..... THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS  
 Width (In) ..... 93.5  
 Bumper Miter to Front Axle (In) ..... 15.253  
 Primary Steering Location (003) ..... LH PRIMARY STEERING LOCATION  
 Steering Gear (536) ..... TRW THP-60 POWER STEERING WITH RCH46 AUXILIARY GEAR  
 Dual Steering Gear ..... RCH46  
 Ram ..... NONE  
 Rear Axle (420) ..... RS-23-160 23,000# R-SERIES SINGLE REAR AXLE  
 Axle Spacing (624) ..... NO AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

October 9, 2017  
Our 88th Year**Ship To:**CITY OF LONG BEACH (CA)  
333 W OCEAN BLVD  
LONG BEACH, CA 90802-0000  
US**Bill To:**CITY OF LONG BEACH (CA)  
333 W OCEAN BLVD  
LONG BEACH, CA 90802-0000  
United StatesAttn:  
Phone: 562-570-5428  
Email:**Altec Quotation Number:** 390663 - 1  
**Account Manager:** Albert Gutierrez  
**Technical Sales & Support:** Laroy Jones

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	ALTEC Model AN67 articulating non-overcenter aerial device with an insulating lower boom, insulating upper boom and the Altec ISO-Grip (U.S. Patent No. 7,416,053) system, an upper control system incorporating high resistance components at the boom tip, for installation over rear axle, built in accordance to ALTEC's standard specifications and to include the following features:  <b>A.</b> Ground to Bottom of Platform Height: 66.8 feet at 15.2 feet from centerline of rotation (4.6 m at 20.4 m) <b>B.</b> Working Height: 71.8 feet (21.9 m) <b>C.</b> Maximum reach to edge of platform: 45.2 feet (13.8 m) <b>D.</b> Rotation: Continuous rotation provided by worm gear drive, equipped with extended shaft for manual rotation, driving a shear ball bearing rotation gear. The fully adjustable rotation drive assembly includes an external eccentric ring adjustment of the gearbox pinion gear to the main rotation bearing, permitting the ability to easily adjust backlash, reduce boom side play and ensure proper tooth contact over the life of the unit. This reduces life cycle cost. <b>E.</b> Upper Boom Articulation: 0 to 173 degrees. <b>F.</b> Lower Boom Articulation: 0 to 105 degrees. Insulator provides 24 inches (610 mm) of isolation. <b>G.</b> Upper Controls: The Altec ISO-Grip (U.S. Patent No. 7,416,053) System includes the following boom tip components that can provide an additional layer of secondary electrical contact protection. This is not a primary protection system. 1. Control Handle: A single handle controller incorporating high electrical resistance components that is dielectrically tested to 40 kV AC with no more than 400 microampers of leakage. The control handle is green in color to differentiate it from other non-tested controllers. The handle also includes an interlock guard that reduces the potential for inadvertent boom operation. 2. Auxiliary Control Covers: Non-tested blue silicon covers for auxiliary controls. 3. Control Console: Non-tested non-metallic control console plate. 4. Boom Tip Covers: Non-tested non-metallic boom tip covers. The covers are not dielectrically tested, but they may provide some protection against electrical hazards.	1	

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	H. Lower Controls: A lower control station includes and is located on the of the turntable. A selector valve is provided to override the upper controls.		
	I. Diagnostic Pressure Test Quick Disconnect Couplings: are located at the turntable to allow a mobile service technician to quickly and easily attach a test gauge to verify system and tool circuit pressure. This convenient troubleshooting feature saves time and reduces the risk of high pressure oil sprays.		
	J. Unit meets or exceeds ANSI 92.2 standards.		
2.	375 - Automatic stow system	1	
3.	220- Single two-man end mount 24x48x42 180 degree rotator	1	
4.	Soft Platform Cover For Two Man Platform (24x48)	1	
5.	259 Polyethylene platform liner for two man platform, 50 kV rating (minimum)	1	
6.	315 Engine start/stop with Secondary Stowage System, 12 VDC electric powered. Includes auxiliary pump and electric motor, powered by the chassis battery. Control is captive air operated from the platform and toggle switch operated from the lower controls. This option allows the operator to completely stow the booms and platform in a situation wherein the engine, PTO or pump fails.	1	
7.	241 Auxiliary, flat-shoe, A-frame outrigger installed at front of body, behind cab with 149 inch (3785 mm) maximum spread.	1	
8.	241 - Outrigger A-Frame with Flat-shoe - provides 149 inch (3785 mm) maximum spread outside to outside of shoe.	1	
9.	320 - Category B 46 kV and below	1	
10.	Powder coat unit Altec White.	1	
11.	380 - Manual, extra Operator's and Maintenance/Parts	1	
<b><u>Unit &amp; Hydraulic Acc.</u></b>			
12.	Unit Installation Components.	1	
13.	Reservoir, 30 Gallon, Triangular, Mounted in Cargo Area	1	
	A. Internal return filter, 10 micron absolute, fiberglass media		
	B. Ball valves in suction and return lines.		
	C. Magnetic suction strainer.		
	D. Filler/breather cap with dipstick.		
14.	AA/AN 50/55/50E/55E/60/60E AN46-OC/50-OC/55-OC/46E-OC/50E-OC/55E-OC Subbase	1	
15.	HVI-22 Hydraulic Oil (Standard).	35	
16.	Chelsea PTO	1	
17.	Standard Altec PTO/Machine Functionality: PTO won't engage until parking brake is set.	1	

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	-Once parking (holding) brake is set, PTO and machine functions are enabled. -If parking (holding) brake is disengaged, both PTO and machine functions are disabled.		
	<b><u>Body</u></b>		
18.	Altec Body	1	
19.	Steel Body	1	
20.	Platform/Flatbed	1	
21.	Body Is To Be Built In Accordance With The Following Altec Standard Specifications:	1	
	<ul style="list-style-type: none"> <li>A. Basic Body Fabricated From A40 Grade 100% Zinc Alloy Coated Steel.</li> <li>B. All Doors Are Full, Double Paneled, Self-Sealed With Built-In Drainage For Maximum Weather-Tightness. Stainless Steel Hinge Rods Extend Full Length Of Door.</li> <li>C. Heavy-Gauge Welded Steel Frame Construction With Structural Channel Crossmembers.</li> <li>D. Integrated Door Header Drip Rail At Top For Maximum Weather Protection.</li> <li>E. Fender Panels Are Either Roll Formed Or Have Neoprene Fenderettes Mechanically Fastened.</li> <li>F. Steel Treated For Improved Primer Bond And Rust Resistance.</li> <li>G. Automotive Type Non-Porous Door Seals Fastened To The Door Facing.</li> </ul>		
22.	Approximate Flatbed Length (Engineering to Determine Final Length) 223" Flatbed Body Length	1	
23.	1/8" (12 Gauge) Treadplate Floor	1	
24.	96" Body Width	1	
25.	Finish Paint Flatbed Altec White (Applies To Steel And Aluminum)	1	
26.	Undercoat Body	1	
27.	5 inch High Structural Flatbed Crossmembers	1	
28.	3 inch High Rubrail Installed around all sides of the flatbed	1	
29.	Treadplate Recessed Flatbed Curbside Access Steps With Two (2) U-Shaped Grab Handles Located at the curbside Rear of flatbed	1	
30.	Gripstrut Recessed Flatbed Streetside Access Steps With Two (2) U-Shaped Grab Handles Located at the streetside Rear of flatbed	1	
31.	Custom Access Steps Platform Access Ladder From Flatbed With two (2) Grab Handles -Locate and install at the rear of the curbside -Three Step Ladder with gripstrut installed on steps -Two (2) grab handles attached to ladder	1	

REF: SideView (Pg.2)

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
32.	Outrigger Cutout Required	1	
33.	Unit Cutout Required	1	
34.	Light Channels Installed At Rear Of Flatbed	1	
35.	Front Bulkhead Shall be constructed out of 2" x 4" x 1/8" tubing with 10-gauge steel sheet stitch welded to tubing	1	
36.	Rubrails on Sides of Flatbed Rubrail color is to match the color of the chassis frame	1	
37.	Additional Body Option Flatbed Specifications to include the following: -6" C-channel long-sills spaced 34" apart -10 gauge 6" x 6" gussets on every other crossmember -2nd cross member from the front and each crossmember thereafter is to be switch-welded to long-sills and crossmembers -One (1) 3/16"D Tailskirt 12" across long-sills tapering to 6" at rubrails	1	
38.	Steel Underbody Storage Box, One (1) Drop-Down Door, Chain Door Holders, Keyed Latch Shall include the following: -60"L -One (1) adjustable shelf with removable dividers on 4" centers -Located on the Curbside between the front outrigger and rear tire	1	
39.	Additional Steel Underbody Storage Box Steel Underbody Storage Box -Shall be as long as possible and 24"D -Two (2) vertical barn-type doors -Located on the Streetside rear of the body, directly behind the rear outrigger  REF: SideView.jpg (Pg.1)	1	
40.	Additional Steel Underbody Storage Box Steel Underbody Storage Box -Shall be as long as possible and 24"D -Two (2) vertical barn-type doors -Located on the Curbside rear of the body, directly behind the rear outrigger  REF: SideView.jpg (Pg.2)	1	
41.	Additional Steel End Opening/Hotstick Box 24"H Steel End Opening Cross Bed Box -Shall be located at the bulkhead and mounted across the flatbed body -Doors shall be located at both ends of box  REF: SideView.pdf	1	
42.	PL Designator	1	
<b><u>Body and Chassis Accessories</u></b>			
43.	Cabguard Required, Mounted on Front Bumper Shall be constructed out of 2" x 4" x 1/8" tubing with 10-gauge steel sheet stitch welded to tubing	1	
44.	ICC (Underride Protection) Bumper Installed At Rear	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
45.	Single Platform Access, One Step Mounted to Turntable	1	
46.	Platform Rest, Rigid with Rubber Tube	1	
47.	Platform Rest, Spring Type, Rubber Tube	1	
48.	Plastic Outrigger Pad, 18" x 18" x 1", Black With Handle	4	
49.	Wheel Chock Holders (Pair), For Installation Under Flatbed Or Dump Body	2	
50.	Slope Indicator Assembly For Machine With Outriggers	1	
51.	Safety Harness And 4.5' Lanyard (Fits Medium To Xlarge) Includes Pouch and Placards	2	
52.	Triangular Reflector Kit, Installed	1	
53.	10 LB Fire Extinguisher With Heavy Duty Bracket, Installed	1	
54.	Vinyl manual pouch for storage of all operator and parts manuals	1	
55.	Outrigger Valve Handle Guards	1	
<b><u>Electrical Accessories</u></b>			
56.	Altec Standard Amber LED Strobe Light with Brush Guard Locate and install one (1) on each front corner of the cab guard	2	
57.	Strobe Lights, Amber LED, Round Mounted at Rear of Tailshelf (Pair)	1	
58.	Directional Light Bar, Amber, LED, 47" Long	1	
59.	Dual Tone Back-Up With Outrigger Motion Alarm	1	
60.	Altec Standard Multi-Point Grounding System	4	
61.	Altec Backup Camera System, 7" Color LCD Monitor, Heated Infrared Camera with Day/Night Sensor and Audio	1	
	A. 7" Color LCD Monitor With LED Backlighting And Proximity Indicators		
	B. 2 Inputs With Independent Triggers		
	C. Heated Infrared Camera With Day/Night Sensor And Audio		
	D. Mirror/Normal View		
	E. IP68 Rated		
	F. Wide Viewing Angle (104 Degrees Horizontal x 78 Degrees Vertical)		
	G. 20 Meter Cable Assembly		
62.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1	
63.	Power Distribution Module Is A Compact Self-Contained Electronic System That Provides A Standardized Interface With The Chassis Electrical System. (Includes Operator's Manual) Altec recommended location	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
<u>Finishing Details</u>			
64.	Powder Coat Unit Altec White	1	
65.	Finish Paint Body Accessories Above Body Floor Altec White	1	
66.	Finish Paint Body Compartment Interiors Altec White	1	
67.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts, D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.	1	
68.	Heavy Duty Cargo Coating, Line-X, Cargo Area Floor and Tailshelf	1	
69.	Heavy Duty Cargo Coating, Gator Hyde, Cargo Area Floor and Tailshelf	1	
70.	English Safety And Instructional Decals	1	
71.	Vehicle Height Placard - Installed In Cab	1	
72.	Placard, HVI-22 Hydraulic Oil	1	
73.	Dielectric test unit according to ANSI requirements.	1	
74.	Stability test unit according to ANSI requirements.	1	
75.	Non-Focus Factory Build	1	
76.	Delivery Of Completed Unit	1	
77.	Inbound Freight	1	
78.	Additional Finishing Detail Full set of operating manuals (CD format if available) for the every major component in the truck, including: -Cab and chassis -Electrical schematics -Hydraulic schematics -Complete parts manual and drawings -One (1) set of engine and body diagnostic software -All manuals and schematics are to be delivered with each unit	1	
79.	Additional Finishing Detail The following manuals shall also be included:  Freightliner Manuals -Service/Workshop -Custom Parts-M2 -Drivers/Owner/Maintenance -Workshop/Service -Custom Parts Catalog and Service CD -Additional Copy of CD  Allison Manuals	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	-Parts (CD Rom) -Service -Parts -4000RDS Service		
	MBE Manuals -MBE 900 Service -MBE 900/4000 Parts CD		
	Detroit Manuals -Parts -General Information Service -Workshop Service-Troubleshooting Manual with CD		
	Cummins Manuals -Owner Manuals -Operations Manual -Troubleshooting/Repair Manual -Parts -Service -CNG Service		
	Eaton Fuller Manual		
80.	FA Unit Designator - AN67	1	
	<u>Chassis</u>		
81.	Chassis	1	
82.	Altec Supplied Chassis	1	
83.	2019 Model Year	1	
84.	Freightliner M2-112	1	
85.	Other Drivetrain 4x2	1	
86.	Other Clear Cab To Axle Length 172.1" CA	1	
87.	Regular Cab	1	
88.	Chassis Cab	1	
89.	Chassis Color - White	1	
90.	Other Chassis Wheelbase Length 250" Wheelbase	1	
91.	Cummins L9	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
92.	320 HP Engine Rating	1	
93.	Allison 3000 RDS Automatic Transmission (Left and Right Side PTO Openings Only)	1	
94.	GVWR 41,000 LBS	1	
95.	18,000 LBS Front GAWR	1	
96.	23,000 LBS Rear GAWR	1	
97.	315/80R22.5 Front Tire	1	
98.	11R22.5 Rear Tire	1	
99.	Air Brakes	1	
100.	Park Brake In Rear Wheels	1	
101.	016-1C3 - Freightliner Horizontal Exhaust (Right-Horizontal-Under Cab-Horizontal)	1	
102.	Freightliner - Clear Area Around Allison PTO Openings (362-1Y0) and (363-011)	1	
103.	Freightliner PTO Throttle Wiring for Automatic Transmission with Pre-Wire (163-001), (148-074), (87L-003)	1	
104.	Freightliner Transmission Dipstick Relocated to RH Side of Transmission (346-013)	1	
105.	Freightliner/Allison Body Builder Connection with Pre-Wire (34C-002)	1	
106.	Freightliner - Cab Backwall Pass-Thru Only (33U-006)	1	
107.	No Idle Engine Shut-Down Required	1	
108.	50-State Emissions	1	
109.	Other Fuel Tank Size 60 Diesel gallon equivalent (DGE) compressed natural gas (CNG) fuel tanks -4" x 16" Diameter	1	
110.	23U-001, 43X-002 Freightliner 6 Gallon DEF Tank (Under Cab Left Hand)	1	
111.	Front Frame Extensions	1	
112.	Battery Under Cab Left Hand	1	
113.	Air Horn Under Cab	1	
114.	AM/FM Radio	1	
115.	Bluetooth	1	
116.	CD Player	1	
117.	Air Conditioning	1	
118.	Cruise Control	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
119.	Keyless Entry	1	
120.	Power Door Locks	1	
121.	Power Windows	1	
122.	Tilt Steering Wheel	1	
123.	Tinted Windshield	1	
124.	Driver Controlled Locking Differential	1	
125.	Fiberglass Tilting Hood	1	
126.	Glad Hands	1	
127.	Trailer Air Brake Package	1	
128.	Trailer Brake Controller (Factory Installed)	1	
129.	Air Ride Drivers Seat	1	
130.	Air Ride Passenger Seat	1	
131.	Gas Conversion CNG Conversion	1	
<b><u>Additional Pricing</u></b>			
132.	Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty	1	

<b>Unit / Body / Chassis Total</b>	<b>239,371.00</b>
<b>FET Total</b>	<b>0.00</b>
<b>Total</b>	<b>239,371.00</b>

Altec Industries, Inc.

BY

Laroy Jones

**Notes:**

- 1 RECOMMENDED OPTIONS AND ACCESSORIES: These options are not included in the quote total price. Selected options will change the quote total. Any options added after initial order will be re-quoted.

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VERTICAL PLATFORM LIFT; ADD: \$3890.00

2 Altec takes pride in offering solutions that provide a safer work environment for our customers. In an effort to focus on safety, we would encourage you to consider the following items:

- Outrigger pads (When Applicable)
- Fall Protection System
- Fire extinguisher/DOT kit
- Platform Liner (When Applicable)
- Altec Sentry Training
- Wheel Chocks

The aforementioned equipment can be offered in our new equipment quotations. If you find that any of these items have not been listed as priced options in the body of your quotation and are required by your company, we would encourage you to contact your Altec Account Manager and have an updated quotation developed for you. These options must be listed as individual options in the body of the quotation for them to be supplied by Altec.

3 Altec Standard Warranty:

One (1) year parts warranty.

One (1) year labor warranty.

Ninety (90) days warranty for travel charges.

Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.

Altec is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit.

Altec offers its standard limited warranty with the Altec supplied components which make up the Altec Unit and its installation, but expressly disclaims any and all warranties, liabilities, and responsibilities, including any implied warranties of fitness for a particular purpose and merchantability, for any customer supplied parts

Altec designs and manufactures to applicable Federal Motor Vehicle Safety and DOT standards

4 Altec Extended Warranty Option:

Labor/Material/Expense for 1 Year. Price to be quoted

An Altec Extended Warranty is an extension of Altec's Limited Warranty, that protects you from the repair cost associated with defects of materials and workmanship beyond the first year of ownership.

A number of packages are available and can be quoted upon request.

5 Unless otherwise noted, all measurements used in this quote are based on a 40 inch (1016mm) chassis frame height and standard cab height for standard configurations.

6 F.O.B. - #FOB\_TERMS#

- 7 Changes made to this order may affect whether or not this vehicle is subject to F.E.T. A review will be made at the time of invoicing and any applicable F.E.T. will be added to the invoice amount.
- 8 Price does not reflect any local, state or Federal Excise Taxes (F.E.T). The quote also does not reflect any local title or licensing fees. All appropriate taxes will be added to the final price in accordance with regulations in effect at time of invoicing.
- 9 Interest charge of 1/2% per month to be added for late payment.
- 10 Delivery: 330 days after receipt of order PROVIDING:  
A. Order is received within 14 days from the date of the quote. If initial timeframe expires, please contact your Altec representative for an updated delivery commitment.  
B. Chassis is received a minimum of sixty (60) days before scheduled delivery.  
C. Customer approval drawings are returned by requested date.  
D. Customer supplied accessories are received by date necessary for compliance with scheduled delivery.  
E. Customer expectations are accurately captured prior to releasing the order. Unexpected additions or changes made at a customer inspection will delay the delivery of the vehicle.
- Altec reserves the right to change suppliers in order to meet customer delivery requirements, unless specifically identified, by the customer, during the quote and or ordering process.
- 11 Trade-in offer is conditional upon equipment being maintained to DOT (Department of Transportation) operating and safety standards. This will include, but is not limited to tires, lights, brakes, glass, etc. All equipment, i.e., jibs, winches, pintle hooks, trailer connectors, etc., are to remain with unit unless otherwise agreed upon in writing by both parties. ALTEC Industries reserves the right to re-negotiate its trade-in offer if these conditions are not met.
- All reasonable and necessary expenses required of ALTEC Industries to execute transportation of the trade-in will be invoiced to the customer for payment if these conditions are not met to maintain DOT standards.
- Customer may exercise the option to rescind this agreement in writing within sixty (60) days after receipt of purchase order. After that time ALTEC Industries will expect receipt of trade-in vehicle upon delivery of new equipment as part of the terms of the purchase order unless other arrangements have been made.
- 12 This quotation is valid until NOV 24, 2017. After this date, please contact Altec Industries, Inc. for a possible extension.
- 13 After the initial warranty period, Altec Industries, Inc. offers mobile service units, in-shop service and same day parts shipments on most parts from service locations nationwide at an additional competitive labor and parts rate. Call 877-GO-ALTEC for all of your Parts and Service needs.
- 14 Please email Altec Capital at [finance@altec.com](mailto:finance@altec.com) or call 888-408-8148 for a lease quote today.
- 15 Please direct all questions to Albert Gutierrez at (707) 678-0800

**Bid Results**

**Bidder Details**

**Vendor Name** Altec Industries, Inc.  
**Address** 1450 N First St.  
 Dixon, CA 95620  
 United States  
**Respondee** LaRoy Jones  
**Respondee Title** Technical Sales Representative  
**Phone** 707-678-7315 Ext.  
**Email** LaRoy.Jones@altec.com  
**Vendor Type** NONE

**Bid Detail**

**Bid Format** Electronic  
**Submitted** October 10, 2017 9:56:10 AM (Pacific)  
**Delivery Method** 330 Days ARO  
**Bid Responsive** Yes  
**Bid Status** Submitted  
**Confirmation #** 119533  
**Ranking** 0

**Respondee Comment**

Thank you for the opportunity to bid.

**Buyer Comment**

**Attachments**

File Title	File Name	File Type
Altec Industries Bid	Altec Bid Submittal.pdf	General Attachment

**Line Items**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
<b>Discount Terms</b> no discount							
<b>Vehicles</b>							
1	Large Aerial Bucket Truck	EA	1	\$239,371.0000	\$239,371.0000	\$239,371.0000	
					<b>Subtotal</b>	<b>\$239,371.0000</b>	<b>\$239,371.0000</b>
<b>Fees</b>							
2	Tire Tax (per vehicle)	LT	1	\$10.5000	\$10.5000	\$10.5000	
3	Delivery - nontaxable (per vehicle)	LT	1	\$926.6700	\$926.6700	\$926.6700	
4	Sales Tax at 10.25% (per vehicle)	LT	1	\$24,440.5400	\$24,440.5400	\$24,440.5400	
					<b>Subtotal</b>	<b>\$25,377.7100</b>	<b>\$25,377.7100</b>
					<b>Total</b>	<b>\$264,748.7100</b>	<b>\$264,748.7100</b>