

BID NUMBER ITB FS 17-101

**TO: CITY OF LONG BEACH
CITY CLERK
ATTN: Michelle King**



INVITATION TO BID

(3) Ford F-550, CNG, Aerial with Hybrid System - PW

**333 West Ocean Boulevard, Plaza Level
Long Beach, California 90802**

CONTRACT NO. 34742

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 27th DAY OF June, 2017
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: 707-678-7315 **FAX:** 707-678-1819

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

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

S/ [Signature] (SIGNATURE) Operations Manager (TITLE)

[Signature] (PRINT NAME) [Signature] (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

10/3/2017 Date

APPROVED AS TO FORM
September 29, 2017
CHARLES PARKIN
CITY ATTORNEY
[Signature] Deputy

BID NUMBER ITB FS 17-101

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 CA
- 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.



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

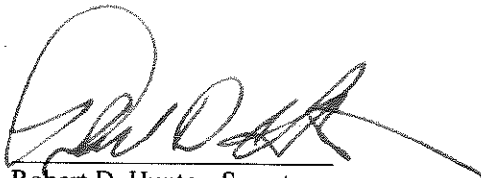
Matthew J. Owens – Technical Sales & Support Manager


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



Altec Industries, Inc.

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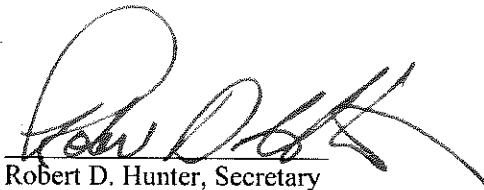
Bradley M. Dahl – Operations Manager

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Robert D. Hunter, Secretary

Federal Tax Number XXXXXXXXXX

Corporate Seal

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

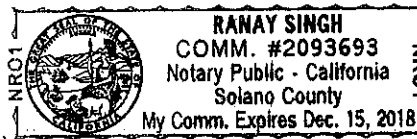
On July 26th 2017 before me, Ranay P. Singh, Notary Public
(insert name and title of the officer)

personally appeared Matthew J. Owens and Bradley M. Dahl
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ 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
-
- TITLE(S)
- PARTNER(S) LIMITED GENERAL
 - ATTORNEY-IN-FACT
 - TRUSTEE(S)
 - GUARDIAN/CONSERVATOR
 - OTHER:
-

DESCRIPTION OF ATTACHED DOCUMENT

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES):

SIGNER(S) OTHER THAN NAMED ABOVE

INSTRUCTIONS TO BIDDERS

1. PREPARATION OF BID:

The preparation of the Bid, including visits to the Site prior to submittal of the Bid, shall be at the expense of Bidder. All prices and notations must be typewritten or written in ink. Any markings in pencil shall not form part of the Bid and shall be disregarded by the City. Any changes or corrections in the Bid must be initialed in ink by the person signing the Bid. Bidder shall state brand name or make of each item bid. If not bidding on item as described, the manufacturer's name and catalog number of the substitute must be given. Bidder shall also attach specifications and furnish other data to establish the suitability of the substitute. Bidder shall quote separately on each item. Bidder shall quote his lowest price and best delivery date as no changes are permitted after the bid opening. Cash discounts offered for payment within fourteen (14) days or less will not be considered when evaluating bids. No telephonic, telegraphic or fax Bids are acceptable.

NOTE: ALL PAGES OF THE INVITATION TO BID MUST BE RETURNED.

2. EXAMINATION OF BID:

Bidder is responsible for examining the Invitation to Bid and submitting its Bid complete and in conformance with these instructions.

3. CONDITIONS OF WORK:

Bidder shall carefully examine the Site to become fully informed regarding all existing and expected conditions and matters, which could affect performance, cost or time of the Work.

4. DISCREPANCIES IN BID DOCUMENTS:

If Bidder finds discrepancies in or omissions from the Invitation to Bid, if the intent of the Invitation is not clear, or if provisions of the Specifications restrict Bidder from bidding, he may request in writing that the deficiency(s) be modified. Such request must be received by the City Purchasing Agent at least five (5) working days before bid opening date. Bidders will be notified by Addendum of any approved changes in the Invitation to Bid.

5. ORAL STATEMENTS:

The City of Long Beach shall not be bound by oral statements made by any employee or agent concerning this Invitation to Bid. If Bidder requires specific information, Bidder must request it in writing and obtain a reply in writing from the City.

6. BRAND NAMES AND SPECIFICATIONS:

The detailed specifications and/or brand names stated are descriptive only and indicate quality, design and construction of items required. **Offers will be considered to supply articles substantially the same as those described herein but with minor variations. Bidders must describe variations in the Bid.** Substitute items must be equal in quality, utility and performance. **The phrase "or approved equal" throughout the specifications means that the City in its sole and absolute discretion shall make the final determination whether or not the substitute items are equal.**

7. AWARD:

Bid shall be subject to acceptance by the City for a period of three (3) months unless a lesser period is prescribed in the quotation by Bidder. The City reserves the right 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. Bidder may submit alternate prices or name a lump sum or discount conditional on two or more items being awarded to him.

The City's purchases of goods and services are based on the City's actual needs and requirements. The City is obligated under this contract/purchase order to purchase and pay for only those goods and services that the City needs and requires, and that the City actually orders and receives. Any dollar amount identified as a "not to exceed:" amount in any City document is not a guaranteed payment amount to any contractor or service provider. Furthermore, the City may determine that its needs and requirements may be met by City labor or by a second contractor or service provider, even after an award is made to one contractor or service provider. An award is not a promise or guarantee of exclusivity.

Bidders are cautioned that comments and statements, whether oral or written, made by City employees regarding the validity of Bids, the waiver of deviations from Specifications, the possibility or probability of an award being made to a particular Bidder, and other similar matters are NOT binding on the City. Bidders should not order materials, obtain financing or take other actions based on such comments and statements. Only authorization of a Contract by the City Council or issuance of a Purchase Order is conclusive and binding on the City with respect to this Bid and its resulting Contract or Purchase Order. However, prior to authorization by the City Council or issuance of the Purchase Order, Bidders may rely on: (1) approval of an "equal" or "substitute" item which will be issued in writing, and (2) written notice of intent to award by the City Council, which is often issued prior to the authorization by the City Council so that a Bidder can order materials that have a long lead time.

8. PAYMENT:

Payment terms are NET/30 unless Bidder otherwise quotes. All Cash Discounts shall be taken and computed from the date of delivery or completion and acceptance of the material, or from date of receipt of invoice, whichever occurs last. Invoices must be submitted as specified at the time of shipping authorization. Partial payments may be made by the City on delivery & acceptance of goods and on receipt of goods and on receipt of Contractor's invoice.

In the event the Contract to be awarded hereunder, including specifications and other documents incorporated therein by reference, provides for the withholding of moneys by the City to ensure performance of such Contract, Contractor may deposit with the City, as a substitute for said withheld moneys, securities listed in Section 16430 of the California Government Code or bank or savings and loan certificates of deposit, or both, equivalent to the amount withheld, provided Contractor requests permission to make such substitution and bears all expenses in connection therewith.

9. SAFETY APPROVAL:

Where required by City Regulations, any items delivered must carry Underwriters Laboratories Approval or City of Long Beach City Safety Officer approval. Failure to so comply will be cause to reject Bid. Also, any equipment must conform with the Safety Orders of the California Division of Industrial Safety and OSHA regulations.

10. BUSINESS LICENSE:

The Long Beach Municipal Code (LBMC) requires all businesses operating in the City of Long Beach to pay a business license tax. In some cases the City may require a regulatory permit and/or evidence of a State or Federal license. Prior to issuing a business license, certain business types will require the business license application and/or business location to be reviewed by the Development Services, Fire, Health, and/or Police Departments. For more information, go to www.longbeach.gov/finance/business_license.

INSTRUCTIONS TO BIDDERS

11. PUBLIC WORK AND PREVAILING WAGES:

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/dlsr> for such prevailing wages and additional information.

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, classifications 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.

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 informalities which do not impair the quality, utility, durability or performance of the items.

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.

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.

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.

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.

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

Certified by: _____

Valid thru: _____

Dollar value of participation: \$ _____

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

BID DUE DATE: June 29, 2017

TIME: 11:00 am

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

Michelle King (562) 570-6020
BUYER TELEPHONE NUMBER

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.

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.

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.)

19. AMERICANS WITH DISABILITIES ACT:

INSTRUCTIONS TO BIDDERS

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.

8. 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 562-570-6869 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. This Contract shall be construed in accordance with the laws of the State of California, and the venue for any legal actions brought by any party with respect to this Contract shall be the County of Los Angeles, State of California for state actions and the Central District of California for any federal actions.

30. 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.

31. **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:

CONTRACT – GENERAL CONDITIONS

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 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.

CONTRACT – GENERAL CONDITIONS

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.

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 ("City), Fleet Services Bureau is seeking bids from qualified vendors for the purchase of three (3) Ford F550 CNG, Service Bed with boom Hybrid System.

BID TIMELINE – All times are Pacific Time

Bid release date:	June 12, 2017
Questions due:	June 19, 2017 by 11:00 am
Response from City to bidder:	June 22, 2017 by 11:00 am
Bid due date:	June 29, 2017 by 11:00 am

BID SUBMISSION INSTRUCTIONS:

It is recommended that bidders visit the City's website 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)
- _____ Secretary of State Certification Print-Out (Attachment F)

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.

BID NUMBER ITB FS 17-101

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, Plaza Level
Long Beach, CA 90802

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

ITB FS FY17-101 (3) Ford F-550, CNG, Aerial with Hybrid System - PW

Electronic Bids and required hard copy forms must be received by 11:00 AM Pacific Time, June 29, 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 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 (5th) 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 (3rd) business day.

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).

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 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.

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).

REGISTRATION WITH CALIFORNIA SECRETARY OF STATE WEBSITE

Awarded vendors/contractors must be registered with the California Secretary of State prior to contract execution. For more information, please consult: <http://www.sos.ca.gov>

See **Attachment F**. Please include a printout of your business entity from the website.

INSURANCE

See Requirements on page 9, Section 30 and **Attachment E**.

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.

CITY OF LONG BEACH
 ITB FS 17-101
 FORD F-550 CNG, AERIAL WITH HYBRID SYSTEM

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><u>Instructions:</u></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>	Yes		
<p><u>General Conditions:</u></p> <p>The truck cab, chassis, and lift body 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, 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, with all of the manufacturer's latest improvements in current production unless specifically deleted in the specifications. The complete unit and all components shall be standard and cataloged by major manufacturers.</p>	Yes		
<p><u>General:</u></p> <p>Shall be Current Model Ford F-550 XL dual rear wheel, CNG powered, Regular cab, & chassis, with service body. Engine must be at least LEV rated.</p>	Yes		
<p><u>GVWR:</u></p> <p>Shall be at least 16,000 pounds.</p>	Yes		

CITY OF LONG BEACH
 ITB FS 17-101
 FORD F-550 CNG, AERIAL WITH HYBRID SYSTEM

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<u>Wheelbase:</u> Shall be at least 189 inches.	Yes		
<u>Cab Axle:</u> Shall be 108 inches.	Yes		
<u>Cooling:</u> Shall be largest, heaviest duty, increased capacity system available for size of engine/transmission offered.	Yes		
<u>Transmission:</u> 1. Shall be an automatic, torque converter type with at least five (5) speeds forward and one (1) reverse. 2. PTO unit, (Muncine)	Yes		
<u>Axles:</u> Front: Shall be standard rating for this type, and size truck. Rear: Shall have standard dual rear wheel rating for this type, and size truck.	Yes		
<u>Ratio:</u> 1. Shall have 4.88 gear ratio, with non limited slip traction.	Yes		
<u>Shock Absorbers:</u> Shall be heavy-duty type.	Yes		
<u>Stabilizer Bar/Anti Roll:</u> Shall be heavy-duty type.			
<u>Suspension:</u> Capacities shall equal axle ratings.	Yes		

CITY OF LONG BEACH
 ITB FS 17-101
 FORD F-550 CNG, AERIAL WITH HYBRID SYSTEM

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><u>Frame:</u></p> <p>Shall be compatible to GVWR. 37,000-PSI minimum frame yield strength. Welding or cutting of truck frame is unacceptable unless company is a certified body builder for the OEM manufacture. No Exceptions. Shall have two front tow hooks attached to the frame.</p>	Yes		
<p><u>Steering:</u></p> <p>Shall be factory power.</p>	Yes		
<p><u>Wheels:</u></p> <p>Manufacturer shall provide seven (7) wheels at least seven and one-half (7.5") inches wide to accept 225/70R x 19.5 tires.</p>	Yes		
<p><u>Tires:</u></p> <p>Manufacturer shall provide seven (7) BSW LT225/70 R x 19.5 A/S tires. All wheels and tires shall be statically and dynamically balanced tubeless type.</p>	Yes		
<p><u>Electrical:</u></p> <p>Shall be twelve (12) volt, negative ground system. Wire piercing connectors are unacceptable.</p>	Yes		
<p><u>Alternator:</u></p> <p>Shall be not less than two hundred and forty (240) amp manufacturer's rated capacity.</p>	Yes		
<p><u>Batteries:</u></p> <p>Shall be a minimum of 750 CCA, maintenance free type.</p>	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><u>Fuel Tank:</u></p> <p>Shall have a CNG tank system with a minimum capacity of 30 gallons with meter gage on the fueling site. Tanks shall be installed below bed parallel to frame rails. Installation shall be done by Qualified Vehicle Modifier (QVM) No Exceptions.</p>	Yes		
<p><u>Body (Cab):</u></p> <ol style="list-style-type: none"> 1. Front seat shall be 40-20-40 bench. Shall have darker shade gray vinyl material upholstery, with (3) three seat belts. Yes 2. Floor covering shall be black rubber Yes 3. Weather tech floor mats, part # 4410541V Yes 4. All glass shall be factory solar tint. Yes 5. Doors shall provide automatic illumination when opened. Yes 6. An integral heater, defroster. Yes 7. Windshield wipers, two-speed with intermittent wipe and washers. Yes 8. Inside center rear view mirror shall have day/night adjustment feature. Yes 9. Cab dome light. Yes 10. Tachometer, factory installed. Yes 11. All instruments, controls, indicators, lights and switches shall be factory standard unless otherwise specified. Yes 12. Glove box. Yes 13. Two (2) 12-volt power outlets. Yes 14. Sun visors and armrests shall be provided on both sides of cab. Yes 15. Factory installed air conditioning. Yes 16. Dual electric horns. Yes 17. Unit shall have 4 matched keys per lock. Yes 18. Factory (OEM) rear view camera with view on rear view mirror, camera to be installed on the center of rear truck. Yes 19. Factory installed AM/FM CD radio. Yes 20. Backup alarm, OSHA approved. Yes 21. Factory Power door locks. Yes 22. Factory Power Windows Yes 23. Vendor shall provided recommended stock part list Yes 			

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
24. Vendor shall provided information or list of all S/N of the vehicle to include, engine, transmission, axles, chassis, etc.	Yes		
25. Vendor shall provide information on the Boom Hybrid System. (Make and Model etc.)	Yes		
<u>Legal Lighting:</u> Shall include manufacturer's standard FMVSS-108 (Federal Motor Vehicle Safety Standard) approved lighting.	Yes		
<u>Paint:</u> Shall be manufacturer's standard "White", frame shall be Black Gloss.	Yes		
<u>Front Bumper:</u> Shall be mounted structurally secure to frame and be manufacturer's standard bumper.	Yes		
<u>Boom Hybrid System:</u> 1. Shall have a battery providing a nominal from 12 to 24 volts DC. 2. Advance chemistry Lithium ion iron battery pack sized. 3. Computerized battery management system designed to optimized the battery pack life and functionality 4. Electric motor rated at 5hp continuous, 18 hp intermittent 5. A hydraulic pump driven by the electric motor providing full system flow, up to 5 gpm and system pressure and required for rated performance of aerial device 6. On demand operation, the electric drive mode and the electric motor shall operate only when demand is created by activation of the upper or lower controller interlock or by engaging the hydraulic tool circuit	Yes Yes Yes Yes Yes Yes		Altec JEMS 4E4 System

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 FORD F-550 CNG, AERIAL WITH HYBRID SYSTEM

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
7. Shall have an energy management system to monitor and manage the boom hybrid system.	Yes		
8. Shall have a system to monitor when the battery voltage and terminal drops below 42 volts, the chassis engine automatically starts and the PTO driven pump powers the unit.	Yes		
9. Shall have a gauge to display the status of the battery system and hour meter to record the utilization of the boom hybrid system.	Yes		
10. Shall have a LCD system in cab interface with integral keypad to provide the status of the metrics, management analytics, diagnostic, service information and PTO operation	Yes		
11. Shall have a management system, when the chassis battery system drops 11.5 volts the engine will start to assure the ability to restart the engine.	Yes		
Recharge Boom Hybrid system;			
1. Shall have a plug-in system to recharge in less than 6 hours when plugged into a standard 15 amp 110VAC outlet.	Yes		
2. Shall have a drive cycle recharge system designed to optimized the drive cycle charge to the battery pack.	Yes		
3. Shall have an automatic recharge system, during operation when the unit is powered by the PTO driven pump.	Yes		
4. Shall have an integral safety interlock system to ensure the unit not operate unless	Yes		
a- the chassis is in park,			
b- the parking is set			
c- the engine compartment hood is closed			
d- when upper controls and the trigger is engaged			
e- when in lower controls, the momentary switch is activated.			

CITY OF LONG BEACH
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 FORD F-550 CNG, AERIAL WITH HYBRID SYSTEM

	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><u>Aerial General Description:</u></p> <p>One 44ft working height aerial, 39ft to bottom of platform. Articulating, and telescopic, behind cab aerial device.</p>	Yes		Altec AT40G
<p><u>Boom Actions:</u></p> <p>1. Horizontal reach, 28' to the outside edge of bucket. 2. Lower boom -2° - +80° vertical movement. 3. Upper boom -25° - +78° vertical movement. 4. 360° continuous rotation. 5. Maximum 11'-5" stowed travel height.</p>	Yes Yes Yes Yes Yes		
<p><u>Stabilization:</u></p> <p>1. Front and rear torsion bars.</p>	Yes		
<p><u>Insulation:</u></p> <p>1. Lower boom shall be insulated. 2. Upper boom shall be insulated. 3. Dielectrically tested insulated control handle 4. Upper control isolation system at the boom tip.</p>	Yes Yes Yes Yes		
<p><u>Bucket:</u></p> <p>1. Shall be a 24"X28"X42", 400lb capacity with curbside opening. 2. Shall have 360° rotation. 3. Shall have a foam filled bucket cover. 4. Bucket liner. 5. Shall have a bucket leveling system, with a double pilot operated check valve to prevent tilt if there is a hydraulic hose failure. 6. Shall have an electric and air adapter system on the bucket control panel for electric and air tools per ANSI and OSHA recommendation.</p>	Yes Yes Yes Yes Yes	No	Hydraulic Adapter System located on the bucket control panel in lieu of electric in order to keep unit insulated.
<p><u>Controls:</u></p> <p>1. Shall have full pressure.</p>	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
2. Controls are to be proportional, and interactive.	Yes		
3. Shall be individual self locking for safety.	Yes		
<u>Hydraulic System:</u>			
1. Open center hydraulic system, with 5-6 gpm flow. 10 micron filter in return line.	Yes		
<u>Vehicle Control:</u>			
1. Shall have vehicle engine, and PTO, start/stop capability from the bucket.	Yes		
<u>Oil Reservoir:</u>			
1. Shall have a 10 gallon oil tank, with a sight glass.	Yes		
<u>Hydraulic Hoses:</u>			
1. All hydraulic hoses throughout shall be electrically insulated (Parker).	Yes		
<u>Service Body General:</u>			
1. Constructed of 2-sided galvanized steel	Yes		
2. 14-gauge (A40 or 60) galvanized steel shall be the material for body sides, front panels, front bulkhead compartment bases. rear panels, interior partitions and roof panels.	Yes		
3. All electric welds with permanently sealed joints.	Yes		
4. All dissimilar metals to be primed before joining.	Yes		
5. Floor is to be 3/16 inch galvanized tread plate.	Yes		
<u>Service Body General cont:</u>			
6. Shelving is to be 18 gauge spangle galvanized steel, 250# rated load.	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<u>Service Body Specific:</u>			
1. 40" body height, 132" with flip tops	Yes		
2. Shall have an over cab protector	Yes		
3. Shall have a rear window protector.	Yes		
4. Aluminum diamond plate covered flip top lids.	Yes		
5. All shelves and drawers are to have metal dividers.	Yes		
6. C.S. #1 compartment to be 38" wide, and shall have (3) adjustable shelves.	Yes		
7. C.S. #2 compartment to be 24" wide, and shall have three (3) adjustable shelves.	Yes		
8. C.S. #3 compartment to be 40" wide, and have one (1) adjustable shelf.	Yes		
9. C.S. #4 24" vertical compartment to have (2) adjustable shelves.	Yes		
10. C.S. #1 to have a pure sine wave 110 VAC inverter rated at 3000 watts and powered by the hybrid battery pack. Inverter mounted to interior floor to be wired to (2) weather proof convenience outlet on the upper C.S. front and rear.	Yes		
11. S.S. #1 compartment to be 38" wide, and shall have 3 adjustable shelves.	Yes		
12. S.S. #2 compartment to be 24" and have three (3) adjustable shelves.	Yes		
13. S.S. #3 compartment to have (1) adjustable shelf.	Yes		
14. S.S. #4 compartment to have three (3) adjustable shelves.	Yes		
15. Vise bracket installed to C.S. rear rub rail.	Yes		
16. Line-X entire bed area and platform.	Yes		
17. 6" high aluminum diamond plate drop in tail gate.	Yes		
18. Shall have an 8" high X 48" deep platform, with protective rails.	Yes		
19. Shall have boom rest mounted to bed floor.	Yes		
20. Shall have a bucket rest mounted to rear platform.	Yes		
21. Shall have one wheel chock cutout at rear wheel span each side.	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
22. The complete Jobsite Energy Management System shall be mounted in the bed space of the truck.	Yes		
23. Shall have legal stop, turn, tail, and backup lights.	Yes		
24. Shall installed (2) LED flood deck lights # PSL1PB with pedestal/swivel mount (will advise location)	Yes		
25. Cone holder fixture, and water flask bracket to be installed on the rear platform. (will advise location)	Yes		
26. Shall installed a door entry running boards part # (4C3Z-16450-GAA)	Yes		
27. Class 4- Trailer receiver hitch with 6 prong and 7 blade RV style trailer connector.	Yes		
28. Shall install a hand holder bar on rear of the C.S # 4 compartment.	Yes		
29. Shall installed an assistance foot step on the rear C.S. of the bucket body to access to the platform.	Yes		
<u>Lighting Installation:</u>			
1. Light Bar (Whelen LED part # IW2AAAA-LBPW1 54" Liberty WC Series with a WCC wecan controller) Shall be installed at mid cab as per Whelen specifications with brackets, All 3 cables should be inside one plastic approved fitting between light bar and metal roof with recommended sealing by Manufacturer, all 3 cables shall be inside with protected loom and run inside the roof channel and secure with plastic clamps. The power wire shall be connected to the vehicle factory battery. The ground wire shall be connected to the vehicle factory ground. All Light Bar trigger wires shall be run to the on and off factory power switch.	Yes		
2. Shall install a two-piece traffic advisor on rear of the truck part # (Whelen TA4437M super LED T/A 2PCS.	Yes		
3. Traffic Advisor shall be install just below the vehicle Cup Holder, secure of any loose connection. The power trigger wire	Yes		

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		COMPLY	COMMENTS / EXCEPTIONS
		YES	NO
<p>shall be connected to the main power switch. The ground wire shall be connected to vehicle factory ground. The white wire shall be connected to the factory dimmer switch, NO EXCEPTIONS.</p>			
<p>4. Rear corner lighting, M6A with flange # M6FC on the rear CS and SS of the service body, all cables or wires shall be protected by recommended manufacturer specifications, ground wire shall be connected to a factory grounded site. All power or trigger wires shall be protected inside a loom and run on the LT and RT side. The trigger wire shall be a 12g and be protected with loom and run on the LT side of the chassis channel and joint the trigger wire from the front lighting</p>	Yes		
<p>5. Front corner lighting (Whelen part # VTX906A) shall be install inside front head lamp assembly area with capability to reflect 100% of the output lighting, Headlamp shall be free of any debris inside. Ground wire from both sides shall be grounded on the vehicle factory ground site. The power trigger wire shall be protected with loom and secure with plastic clamps. The trigger wire shall be 14.gage and run to the power switch inside the cab (dash board)</p>	Yes		
<p>6. 10 gage wire with approved fuse link with fuse shall be install close to the battery and run to the inside of the cab to desire place to feed the power source of power switch</p>	Yes		
<p>7. The (#1) on and off power toggle switch shall be capable of 125% to all the load of the lighting package</p>	Yes		
<p>8. The (2) on and off power toggle switch shall trigger the alley lights and take downs of the light bar.</p>	Yes		
<p>9. Note: all wires had to be protected with loom and all wire connections have to meet or exceed Long Beach Fleet Bureau standards</p>	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p><u>Design Requirements:</u> The Electrical System will be designed:</p> <p>a. To meet SAE Standard J1292 (Automobile, Truck, Truck-Tractor, Trailer, and Motor Coach Wiring) as a minimum. Knowledge of this standard must be proven at pre-construction.</p> <p>b. To withstand the rigors of service.</p> <p>c. With accessibility and ease of maintenance as a priority</p>	Yes		
<p><u>Construction:</u></p> <p>a. All electrical lighting and wires shall be protected.</p> <p>b. All circuits will have the ability to be load managed, and load sequenced.</p> <p>c. All wire used in this vehicle will conform to SAE Standard J1128 (Low Tension Primary Cable), for "GXL" insulation.</p> <p>d. All electrical components, including wiring, will be rated at 125% of the maximum intended load. The multiplex must be designed to survive extreme temperatures of up to 185F, and sealed against moisture, salt, and fluid. It also must be protected against over voltage and reverse polarity conditions.</p> <p>e. All wiring will run in enclosed looms or conduit; and will be color coded and <i>labeled with circuit designation every three (3) inches.</i></p> <p>f. All main power and battery connections will be covered with silicone-seal shrink tubing.</p> <p>g. All harness connections will be made with Deutsch weather proof connectors. Small components can be made with crimp connectors and they will be of the heavy-duty, nylon variety. Standard duty vinyl connectors are not acceptable.</p> <p>h. Insulation-displacement connectors (i.e. "Scotchlock") are not acceptable for any connection.</p>	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p>i. Open, "crimp" type connectors are not acceptable for exterior connections, and electrical tape is not acceptable for any connection.</p> <p>j. Wiring protection will be offered via:</p> <ol style="list-style-type: none"> 1. Heat resistant (300°) loom 2. Hard plastic (snap-in or glue-in) or rubber grommets wherever wiring passes through walls or partitions. 3. Plastic cable ties 4. Rubber coated aluminum cable clamps <p>k. Wherever practical, wiring looms will be tied together, and clamped to bulkheads, to insure maximum security and vibration resistance.</p> <p>l. All continuous runs of wiring will be supported at intervals of 16 inches or less.</p> <p>m. No loose wiring will be exposed or visible in any area of the vehicle's interior.</p> <p>n. All wiring or harnesses, whether exposed or not, will be secured to body with rubber coated metal cable clamps, or to existing wiring with plastic wire ties.</p> <p>o. All exposed wire and cable in other areas of the vehicle will be protected from damage or accidental contact. No wiring will run under the carpeting in the driver or passenger footwell.</p> <p>p. All excess cable (prefabricated harnesses) will be coiled, tied with wire ties and secured with plastic cable clamps.</p> <p>q. All wire ties will be trimmed flush.</p> <p>r. All soldering will be of high quality. Solder "blobs" and cold solder joints are not acceptable.</p> <p>s. In-line fuse holders will be marked with the circuit they protect, and will be 10137 installed in accessible locations.</p>	Yes		
<p>Warranty:</p> <p>1. Manufacturer shall identify a single point warranty, and repair facility approved by</p>	Yes		Altec Pomona, California Service Center 2882 Pomona Blvd, Pomona, CA 91766

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p>the City of Long Beach within a 50-mile radius of Long Beach City Hall.</p> <p>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.</p> <p>3. Warranty shall begin when the City of Long Beach places the unit in service.</p> <p>4. All transportation of vehicles for warranty repairs shall be at the expense of the manufacturer unless prior agreement is approved for each instance with the City of Long Beach.</p>	Yes		
<p><u>Warranty Performance:</u></p> <p>1. The contractor shall be required to provide service within one (1) working day after notification by telephone.</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>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>4. The vehicle manufacturer shall furnish all warranty documentation to the City upon delivery.</p> <p>5. Defective parts shall be labeled and retained by the City until parts are replaced.</p> <p>6. Contractor shall take full responsibility for returning any defective parts to his supplier.</p> <p>7. Outside vendor repair facility parts and labor billing to go directly to manufacturer.</p>	Yes		

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	COMPLY		COMMENTS / EXCEPTIONS
	YES	NO	
<p>EMISSION RATING:</p> <p>Vehicles shall meet the minimum emission requirements set forth by the SCAQMD and be rated at LEV, ULEV, or SULEV emission standards. (if available)</p>	Yes		
<p><u>Manuals/Operating Service:</u></p> <p>1. 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. All manuals and schematics shall be delivered with each unit.</p> <p>2. Successful bidder shall provide training to operators and technicians a week after delivery of trucks.</p>	Yes		
<p><u>Acceptable Cab and Chassis Make.</u></p> <p>Ford F-550 Regular Cab.</p>	Yes		
<p><u>Acceptable Boom Hybrid System:</u></p> <p>ALTEC: AT JEMS HYBRID SYSTEM</p> <p>TEREX: HY POWER IM</p>	Yes		Altec JEMS 4E4 Hybrid System for AT40G

BID SECTION

COST FOR VEHICLE	<u>\$ Input Price Electronically</u>
COST FOR CNG CONVERSION	<u>\$ Input Price Electronically</u>
COST FOR BUCKET HYBRID SYSTEM	<u>\$ Input Price Electronically</u>
TIRE TAX	<u>\$ Input Price Electronically</u>
DELIVERY	<u>\$ Input Price Electronically</u>
SALES TAX (9.75%)	<u>\$ Input Price Electronically</u>
TOTAL COST	<u>\$ Input Price Electronically</u>

Time is of the essence for delivery. Failure to deliver on the date stated above is a material breach of the contract. The parties agree that damages for delay would be difficult to calculate. Therefore, liquidated damages in the amount of \$ 25.00 per day will be withheld from final payment.

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

06/27/2017
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 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/7th 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 1201 K St # 1810, Sacramento, CA 95814

Project Description Furnished Model AT37G with Hybrid System

Project Dates (Start and End) 06/2016 Contract Term(s) _____ Contract Amount \$200,000 +

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 Pier "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 \$324,748.00

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 \$324,748.00

Client/Contractor Name San Diego Gas and Electric

Project Manager/Contact Name Rick Thomsen E-mail rthomsen@semparutilities.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, Vacaville, CA 95688

Project Description Furnished various Models with Hybrid System

Project Dates (Start and End) 06/2016 Contract Term(s) _____ Contract Amount \$200,000 +

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
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____
 Other (see instructions) ▶ _____
 C Corporation
 S Corporation
 Partnership
 Trust/estate

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3);
Exempt payee code (if any) _____
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 DR

6 City, state, and ZIP code
BIRMINGHAM, AL 35246

7 List account number(s) here (optional)

Requester's name and address (optional)

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				
<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>				
or				
Employer identification number				
<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>				

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 ▶ Date ▶ **6/20/17**

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.

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 filled-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.

Attachment C

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

[Form must be signed and dated]



City of Long Beach
 Purchasing Division
 333 West Ocean Boulevard, 7th Floor
 Long Beach, CA 90802

Attachment F

Secretary of State Certification

Please provide print out showing your business is registered with the California Secretary of State. Individual and sole proprietor companies are exempt.

Awarded vendors/contractors must be registered with the California Secretary of State prior to contract execution. For more information, please consult:

www.sos.ca.gov/

Business Search

This search provides access to domestic stock, domestic nonprofit and qualified foreign corporations, limited liability company and limited partnership information of record with the California Secretary of State. For additional information about entity addresses and the names and addresses of the principals of the entity, order a copy of the last complete Statement of Information (for corporations and limited liability companies) or formation and amendment documents (for limited partnerships). For information on ordering certificates, copies of documents and/or status reports or to request a more extensive search, refer to [Information Requests](#).

Please note: This search is not intended to serve as a name availability search. For information on checking or reserving a name, refer to [Name Availability](#).

To conduct a search:

- Select the applicable search type.
- Enter the entity name or number you wish to search. Note: If entering the entity number of a corporation, the number must begin with the letter C.
- Select the **Search** button.
- For help with searching an entity name or number, refer to [Search Tips](#).

Search Type:
 Corporation Name Limited Liability Company/Limited Partnership Name Entity Number

Entity Name or Number:

Disclaimer: This tool allows you to search the Secretary of State's California Business Search database for abstracts of information for domestic stock, domestic nonprofit and qualified foreign corporations, limited liability companies and limited partnerships that have filed with this office. This search tool groups corporations separately from limited liability companies and limited partnerships and returns all entities for the search criteria in the respective groups regardless of the current status.

Although every attempt has been made to ensure that the information contained in the database is accurate, the Secretary of State's office is not responsible for any loss, consequence, or damage resulting directly or indirectly from reliance on the accuracy, reliability, or timeliness of the information that is provided. All such information is provided "as is." For information on ordering copies of the official business entity records for a particular entity, please refer to [Information Requests](#).

Attachment D

EQUAL BENEFITS ORDINANCE DISCLOSURE

As a condition of being awarded a contract with the City of Long Beach ("City"), the selected Contractor/Vendor ("Contractor") may be required during the performance of the Contract, to comply with the City's nondiscrimination provisions of the Equal Benefits Ordinance ("EBO") set forth in the Long Beach Municipal Code section 2.73 et seq. The EBO requires that during the performance of the contract, the Contractor shall provide equal benefits to its employees with spouses and employees with domestic partners. Benefits include but are not limited to, health benefits, bereavement leave, family medical leave, membership and membership discounts, moving expenses, retirement benefits and travel benefits. A cash equivalent payment is permitted if an employer has made all reasonable efforts to provide domestic partners with access to benefits but is unable to do so. A situation in which a cash equivalent payment might be used is where the employer has difficulty finding an insurance provider that is willing to provide domestic partner benefits.

The EBO is applicable to the following employers:

- For-profit employers that have a contract with the City for the purchase of goods, services, public works or improvements and other construction projects in the amount of \$100,000 or more
- For-profit entities that generate \$350,000 or more in annual gross receipts leasing City property pursuant to a written agreement for a term exceeding 29 days in any calendar year

Contractors who are subject to the EBO must certify to the City before execution of the contract that they are in compliance with the EBO by completing the EBO Certification Form, attached, or that they have been issued a waiver by the City. Contractors must also allow authorized City representatives access to records so the City can verify compliance with the EBO.

The EBO includes provisions that address difficulties associated with implementing procedures to comply with the EBO. Contractors can delay implementation of procedures to comply with the EBO in the following circumstances:

- 1) 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
- 2) 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
- 3) Upon expiration of the contractor's current collective bargaining agreement(s).

Compliance with the EBO

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: 06/27/2017

Business Entity Name: Altec Industries, Inc.

EQUAL BENEFITS ORDINANCE CERTIFICATION OF COMPLIANCE

Section 1. CONTRACTOR/VENDOR INFORMATION

Name: Altec Industries, Inc. Federal Tax ID No. ██████████
Address: 1450 North 1st Street
City: Dixon State: CA ZIP: 95620
Contact Person: LaRoy Jones Telephone: 707-678-7315
Email: LaRoy.Jones@altec.com Fax: 707-678-1819

Section 2. COMPLIANCE QUESTIONS

- A. The EBO is inapplicable to this Contract because the Contractor/Vendor has no employees. Yes No
- B. Does your company provide (or make available at the employees' expense) any employee benefits? Yes No
(If "yes," proceed to Question C. If "no," proceed to section 5, as the EBO does not apply to you.)
- C. Does your company provide (or make available at the employees' expense) any benefits to the spouse of an employee?
 Yes No
- D. Does your company provide (or make available at the employees' expense) any benefits to the domestic partner of an employee?
 Yes No (If you answered "no" to both questions C and D, proceed to section 5, as the EBO is not applicable to this contract. If you answered "yes" to both Questions C and D, please continue to Question E. If you answered "yes" to Question C and "no" to Question D, please continue to section 3.)
- E. Are the benefits that are available to the spouse of an employee identical to the benefits that are available to the domestic partner of an employee?
 Yes No
(If "yes," proceed to section 4, as you are in compliance with the EBO. If "no," continue to section 3.)

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 27th day of June, 2017, at 9:40 AM

Name LaRoy Jones

Signature 

Title Technical Sales Associate

Federal Tax ID No. ██████████



City of Long Beach
Purchasing Division
333 w. Ocean Blvd 7th 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 or 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



City of Long Beach
Purchasing Division
333 W. Ocean Blvd 7th 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: 06/27/2017



State of California
Secretary of State

F

E-D48967

FILED

In the office of the Secretary of
State of the State of California

Jan - 18 2011

This Space For Filing Use Only

Statement of Information
(Foreign Corporation)

FEES (Filing and Disclosure): \$25.00. If amendment, see instructions.
IMPORTANT - READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

1. CORPORATE NAME

C1580361
ALTEC INDUSTRIES, INC.

210 INVERNESS CENTER DRIVE
BIRMINGHAM AL 35242

DUE DATE:

No Change Statement (Not applicable if agent address of record is a P.O. Box address. See instructions.)

2. If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check box and proceed to **Item 12**.
- If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement has been previously filed, this form must be completed in its entirety.

Complete Addresses for the Following (Do not abbreviate the name of the city. Items 3 and 4 cannot be P.O. Boxes.)

3. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE	CITY	STATE	ZIP CODE
210 INVERNESS CENTER DRIVE	BIRMINGHAM	AL	35242

4. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY	CITY	STATE	ZIP CODE
1450 NORTH 1ST STREET	DIXON, CA		95620

5. MAILING ADDRESS OF THE CORPORATION, IF DIFFERENT THAN ITEM 3	CITY	STATE	ZIP CODE
---	------	-------	----------

Names and Complete Addresses of the Following Officers (The corporation must list these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)

6. CHIEF EXECUTIVE OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
L33 J STYSLINGER	210 INVERNESS CENTER DRIVE	BIRMINGHAM, AL		35242

7. SECRETARY	ADDRESS	CITY	STATE	ZIP CODE
ROBERT D HUNTER	210 INVERNESS CENTER DRIVE	BIRMINGHAM, AL		35242

8. CHIEF FINANCIAL OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
ALLEN W RITCHIE	210 INVERNESS CENTER DRIVE	BIRMINGHAM	AL	35242

Agent for Service of Process (If the agent is an individual, the agent must reside in California and Item 10 must be completed with a California street address (a P.O. Box is not acceptable). If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to California Corporations Code section 1505 and Item 10 must be left blank.)

9. NAME OF AGENT FOR SERVICE OF PROCESS
CAPITOL CORPORATE SERVICES, INC

10. STREET ADDRESS OF THE AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL	CITY	STATE	ZIP CODE
--	------	-------	----------

Type of Business

11. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION
MOBILE UTILITY EQUIPMENT SALES

12. THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT.

01/18/2011

JERRY W MOORE

TREASURER

DATE

TYPE OR PRINT NAME OF PERSON COMPLETING THE FORM

TITLE

SIGNATURE



**State of California
Secretary of State**

**Statement of Information
(Foreign Corporation)**

FEES (Filing and Disclosure): \$25.00.

If this is an amendment, see instructions.

IMPORTANT – READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

F

FG05030

FILED

In the office of the Secretary of State
of the State of California

SEP-23 2016

This Space for Filing Use Only

1. CORPORATE NAME

ALTEC INDUSTRIES, INC.

2. CALIFORNIA CORPORATE NUMBER

C1580361

No Change Statement (Not applicable if agent address of record is a P.O. Box address. See instructions.)

3. If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement of information has been previously filed, this form must be completed in its entirety.

If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check the box and proceed to **Item 13.**

Complete Addresses for the Following (Do not abbreviate the name of the city. Items 4 and 5 cannot be P.O. Boxes.)

4. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE	CITY	STATE	ZIP CODE
5. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY	CITY	STATE	ZIP CODE
6. MAILING ADDRESS OF THE CORPORATION, IF DIFFERENT THAN ITEM 4	CITY	STATE	ZIP CODE

Names and Complete Addresses of the Following Officers (The corporation must list these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)

7. CHIEF EXECUTIVE OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
8. SECRETARY	ADDRESS	CITY	STATE	ZIP CODE
9. CHIEF FINANCIAL OFFICER/	ADDRESS	CITY	STATE	ZIP CODE

Agent for Service of Process If the agent is an individual, the agent must reside in California and Item 11 must be completed with a California street address, a P.O. Box address is not acceptable. If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to California Corporations Code section 1505 and Item 11 must be left blank.

10. NAME OF AGENT FOR SERVICE OF PROCESS

11. STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL CITY STATE ZIP CODE

Type of Business

12. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION

13. THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT.

09/23/2016

JERRY WAYNE MOORE

TREASURER

DATE

TYPE/PRINT NAME OF PERSON COMPLETING FORM

TITLE

SIGNATURE



210 Inverness Center Drive
Birmingham, Alabama
35242
www.altec.com

LaRoy Jones
1450 North 1st Street
Dixon, CA 95620

Telephone: 707-678-7315
Facsimile: 707-678-1819
Email: laroy.jones@altec.com

City of Long Beach
333 West Ocean Boulevard, Plaza Level
Long Beach, CA 90802

RE: ITB FS FY 17-101/ (3) Ford F-550, CNG, Aerial with Hybrid System – PW/ Q299420

Please find the one (3) Altec Model AT 40G insulated, articulating and telescoping aerial with JEMS Hybrid System quote included in this mailing. If you have any questions/concerns regarding this submission please do not hesitate to contact me at the above. Please direct all other questions to Albert Gutierrez at 951-751-6498

Thank you for your consideration. We look forward to serving the City of Long Beach.

Regards,

A handwritten signature in black ink, appearing to read 'LaRoy Jones', written in a cursive style.

LaRoy Jones
Technical Sales Associate
Altec Industries, INC

Enclosure



June 28, 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 States

Attn:
Phone: 562-570-5428
Email:

Altec Quotation Number: 299420 - 2
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 AT40-G telescopic articulating Aerial device with ISO-Boom.	1	
	A. ISO Boom: the inner telescopic fiberglass boom maintains full dielectric integrity even with the fiberglass inner boom fully retracted.		
	B. Hydraulic platform leveling system.		
	C. Hydraulic tool circuit at the platform.		
	D. Emergency lowering valve at the platform.		
	E. Single handle control at the platform with a safety interlock system.		
	F. Two (2) operators and maintenance/parts manuals.		
	G. Working height: 45.6 feet		
	H. Side reach: 29.7 feet		
	I. Low-power fiber-optic control system (FOC-L).		
	J. Continuous rotation		
2.	AT40G Unit Model	1	
3.	Post style pedestal mounting	1	
4.	Extra operator's and maintenance/parts manual, 1 set.	1	
5.	Reservoir/Accessory Steel Reservoir, Pedestal Mounted (Includes Sight Gauge)	1	
6.	Single One-Man End-Mounted Platform With 180 Degree Rotator, 24 X 30 X 42. Platform is rated at 400 pounds. Control panel on platform dashboard provides controls for auxiliary functions. Includes emergency stop (push-pull) switch and rocker switches, which operate platform leveling, platform rotation, tools, and battery selector (for fiber-optic controls system). Composite fiberglass platform mounting bracket. (AT40G)	1	

We Wish To Thank You For Giving Us The Pleasure
And Opportunity of Serving You

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
7.	Platform Leveling At Lower Controls. AT40-G	1	
8.	Two (2) Platform Steps	1	
9.	254 Platform Cover - foam filled vinyl (24 x 30) for single, one-man, fiberglass platform. Included Altec A logo.	1	
10.	Platform liner for a 24 x 30 x 42 inch platform	1	
11.	4-Function Single Handle Fiber-Optic Controller.	1	
12.	Engine Start/Stop at the upper controls actuated through the Fiber-Optic controls system with Secondary Stowage System (AT40G)	1	
13.	Manual lowering valve located at the boomtip. For use in emergency situations to allow the operator to lower the boom to the ground	1	
14.	Powder coat unit Altec White.	1	
15.	HYBRID READY UNIT: For personnel, single platform machines. Unit will be manufactured with all the necessary components including modules and controls to interface to a hybrid system.	1	

Unit & Hydraulic Acc.

16.	HVI-22 Hydraulic Oil (Standard).	12	
17.	Standard Pump For PTO	1	
18.	Hot shift PTO for automatic transmission	1	

Body

19.	Altec Body	1	
20.	Steel Body	1	
21.	Low-Side General Service (LGS)	1	
22.	Body Is To Be Built In Accordance With The Following Altec Standard Specifications:	1	

- A. Basic Body Fabricated From A40 Grade 100% Zinc Alloy Coated Steel.
- 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.

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And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	C. Heavy-Gauge Welded Steel Frame Construction With Structural Channel Crossmembers.		
	D. Integrated Door Header Drip Rail At Top For Maximum Weather Protection.		
	E. Fender Panels Are Either Roll Formed Or Have Neoprene Fenderettes Mechanically Fastened.		
	F. Steel Treated For Improved Primer Bond And Rust Resistance.		
	G. Automotive Type Non-Porous Door Seals Fastened To The Door Facing.		
23.	132" Estimated Body Length (Engineering To Determine Final Length)	1	
24.	94" Body Width	1	
25.	40" Body Compartment Height	1	
26.	20" Body Compartment Depth	1	
27.	Finish Paint Body Altec White (Applies To Steel And Aluminum)	1	
28.	Undercoat Body	1	
29.	5 Inch Drop-In Metal Cargo Retaining Panel At Rear Of Body	1	
30.	Rope Lights (LED) Around Top And Sides Of Compartment Door Facings	1	
31.	Stainless Steel Rotary Paddle Latches With Keyed Locks	8	
32.	All Locks Keyed Alike Including Accessories (Preferred Option)	1	
33.	Gas Shock (Gas Spring) Rigid Door Holders On All Vertical Doors	1	
34.	Chains On All Horizontal Doors	1	
35.	Standard Master Body Locking System (Standard Placement Is At Rear. Sidepacks With A Throughshelf/Hotstick Door At Rear, Standard Placement Is At The Front)	8	
36.	One Chock Holder On Each Side of Body With Retaining Lip In Fender Panel	1	
37.	1st Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers 38" Wide	3	
38.	2nd Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers 24" Wide	3	
39.	1st Horizontal (SS) - Adjustable Shelf With Removable Dividers On 8 Inch Centers 40" Wide	1	
40.	Rear Vertical (SS) - Adjustable Shelf With Removable Dividers On 4 Centers 24" Wide	3	

We Wish To Thank You For Giving Us The Pleasure
And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
41.	1st Vertical (CS) - Adjustable Shelf With Removable Dividers On 4 Inch Centers 38" Wide	3	
42.	1st Vertical (CS) - Louvered Panel On Rear Wall To Ventilate Compartment	1	
43.	2nd Vertical (CS) - Adjustable Shelf With Removable Dividers On 4 Inch Centers 24" Wide	3	
44.	1st Horizontal (CS) - Adjustable Shelf With Removable Dividers On 8 Inch Centers 40" Wide	1	
45.	Rear Vertical (CS) - Adjustable Shelf With Removable Dividers On 4 Centers 24" Wide	2	
46.	Flip-Top Lid Installed Curbside (Includes Full Set Of Adjustable Dividers) Shall be constructed of Aluminum	1	
47.	Flip-Top Lid Installed Streetside (Includes Full Set Of Adjustable Dividers) Shall be constructed of Aluminum	1	
49.	48" L Steel Tailshelf, Width To Match Body	1	
50.	3" Fixed Steel Retaining Rail On Sides And 5" Removable Steel At Rear Of Tailshelf	1	
51.	Steel Cross Storage Located Between Tailshelf Floor And Top Of Subbase, With Drop Down Doors And Keyed Latches On Streetside And Curbside, As Wide As Possible	1	
52.	Steel Wheel Chock Holders Installed In Tailshelf, One Each Side	1	
53.	Vise Bracket Installed On Rear Of Tailshelf Install on Curbside Rear of Tailshelf.	1	
54.	Galvanneal Treadplate Steel Floor	1	
55.	Galvanneal Treadplate Steel Tailshelf	1	

Body and Chassis Accessories

56.	Expanded Metal Aluminum Cab Guard	1	
57.	Rear chassis cab window guard installed. The window guard shall follow the contour of the rear window. Expanded metal center protection in the perimeter of the window guard	1	
58.	ICC Underride Protection	1	
59.	Combination 2 Ball (10,000 LB MGTW) And Pintle Hitch (16,000 LB MGTW)	1	
60.	Set Of D-Rings for Trailer Safety Chain, installed one each side of towing device mount.	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
61.	Pair Of Tow Hooks (20,000 LB Rating Each)	1	
62.	Front Torsion Bar Installed On Chassis	1	
63.	Rear Torsion Bar Installed On Chassis	1	
64.	Appropriate counterweight added for stability.	1	
65.	Cable Step Installed At Rear, Single Step	1	
66.	Platform Rest, Rigid with Rubber Tube	1	
67.	Boom Rest for a Telescopic Unit	1	
68.	Mud Flaps With Altec Logo (Pair)	1	
69.	Wheel Chocks, Rubber with Metal Hairpin Style Handle, 9.75" L X 7.75" W X 5.00" H (Pair) Shipped Loose	1	
70.	Small Grab Handle Installed At Rear Located at rear of Curbside compartment facing	1	
71.	Altec supplied running boards installed on the driver and passenger side of the chassis	1	
72.	Slope Indicator Assembly For Machine Without Outriggers	1	
73.	Post Style Cone Holder (Holds up to four 15"x15" large cones) Altec Recommended Location	1	
74.	Water Cask Bracket Only, For 3 or 5 Gallon (Wire Type) Located at rear of tailshelf -Final location determined by engineering	1	
75.	Top Opening Storage Box, Steel, 108" L x 18" W x 12" H, One (1) Treadplate Lid, Gas Props, Hasp Lock, And Grab Handle Streetside - Open to cargo area	1	
76.	Safety Harness & 4.5 FT Lanyard (Medium To X-large)	1	
77.	Triangular Reflector Kit, Shipped Loose	1	
78.	Soft Vinyl Lanyard Pouch	1	
79.	Vinyl manual pouch for storage of all operator and parts manuals	1	
80.	Additional Body/Chassis Accessory Provide Weather Tech Floor Mats -P/N 4410541V	1	
81.	Additional Body/Chassis Accessory Provide four (4) matched keys per lock	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
<u>Electrical Accessories</u>			
82.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1	
83.	Custom Corner Strobe System 4-Corner Strobes, Amber, LED, Two (2) Hideaway Lights In Front Turn Signals, Two (2) Round Lights At Rear, Class II (Permit May Be Required): -Rear Corner Lighting to be Customer P/N M6A with Flange P/N M6FC -Installed on the rear Curbside and Streetside of the body -Front Corner Lighting to be Whelen P/N VTX906A -Installed inside of front head lamp assembly area	1	
84.	Custom Light Bar Split Arrow Light Bar -Whelen TA4437M -Installed at rear of truck -Ligt Bar Controller switch to be installed below cup holders	1	
85.	Cab Mounted Light Bar Provide and install Whelen LED IW2AAAA-LBPW1 -54" Liberty WC Series -Includes WCC wecan controller -Installed on top, middle of cab	1	
86.	Custom Flood Light Provide and install two (2) Whelen Pioneer SlimLine Model #PSL1PB includes: -Pedestal and swivel mount. -Altec Recommended Location	2	
87.	Rear View Mirror Back-Up Camera System	1	
88.	PTO Hour Meter, Digital, with 10,000 Hour Display	1	
89.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
90.	7-Way Trailer Receptacle (Blade Type) Installed At Rear	1	
91.	Ford Upfitter Switches (Supplied With Chassis)	1	
92.	12 Volt Receptacle (Cigarette Lighter Style), Weatherproof Altec Recommended Location	2	
93.	Start/Stop/Throttle Module, 12 Volt System	1	
94.	Install secondary stowage system.	1	
95.	Boom Out Of Stow Indicator For Lower Boom	1	
96.	PTO Indicator Light Installed In Cab	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
<u>Finishing Details</u>			
97.	Powder Coat Unit Altec White	1	
98.	Finish Paint Body Accessories Above Body Floor Altec White	1	
99.	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	
100.	Heavy Duty Cargo Coating, Line-X, Cargo Area Floor and Tailshelf	1	
101.	English Safety And Instructional Decals	1	
102.	Vehicle Height Placard - Installed In Cab	1	
103.	Placard, HVI-22 Hydraulic Oil	1	
104.	Customer Inspection Required	1	
105.	Dielectric test unit according to ANSI requirements.	1	
106.	Stability test unit according to ANSI requirements.	1	
107.	Non-Focus Factory Build	1	
108.	Delivery Of Completed Unit	1	
109.	Inbound Freight	1	
110.	AT40G FA Installation	1	
111.	JEMS 4E4 Hybrid System Installation	1	

Hybrid

112.	JEMS 4E4 (Jobsite Energy Management System) Includes ePTO as Primary Hydraulic Power	1	
	<p>A. Lithium Ion energy storage provides power the JEMS 4 series system</p> <p>B. The JEMS Idle Mitigation System automatically eliminates unnecessary engine idle time, manages cabin temperature heating & cooling, and maintains battery state of charge when the vehicle is in park or neutral.</p> <p>C. Integrated Cabin Comfort HVAC provides heating and cooling through the factory</p>		

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	vents.		
	D. On-Demand Operation: The ePTO (electric motor and hydraulic pump) is automatically powered when a demand is created either through activation of the upper or lower control interlock or by engaging the hydraulic tool circuit.		
	E. Integral safety interlocks ensure the JEMS system operates only when the transmission is in Park/Neutral, the Parking brake is set, and the engine compartment hood is closed.		
113.	Cargo Area Installation at Curbside Front of Body . AC 100 battery pack is installed Curbside front in cargo area of body. Leave ample space for access to lower controls. Box must be mounted with connections facing rear of truck. Must provide 9 inches of clearance off connection side of box.	1	
114.	Cabin Air, Engine Off. Provides cooled air through factory ventilation system. Temperature set points and operating status are provided on the in cab display.	1	
	A. Cooling is provided by a supplementary air conditioning compressor.		
115.	Cabin Heat, Engine Off. Provides heated air through factory ventilation system. Temperature set points and operating status are provided on the in cab display.	1	
	A. Heating is provided by an electrically driven heat pump tied into the factory system.		
116.	Intellimetrics remote data management reporting solution provides key vehicle data such as engine run time, idle time, emissions reduced, battery charging history, and diagnostic trouble codes through a secure on-line portal.	1	
117.	3000 Watt Pure-Sine Wave Inverter Install in Curbside 1st Vertical. -Mounted to interior floor of compartment -Wired to two (2) weather proof outlets located on the Curbside front and rear of compartment	1	
118.	Auxiliary Lithium Ion Power Module required for Inverter Outputs Greater Than 1200 Watts, Located in Body Compartment Beside Inverter	1	

Chassis

119.	Chassis	1	
120.	Altec Supplied Chassis 2017	1	
121.	2017 Model Year	1	
122.	Ford F550	1	
123.	4x2	1	
124.	108 Clear CA (Round To Next Whole Number)	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
125.	Regular Cab	1	
126.	Chassis Cab	1	
127.	XL Trim Package	1	
128.	Chassis Color - White	1	
129.	Chassis Wheelbase Length - 189	1	
130.	Other Engine Model CNG Upfit	1	
131.	Ford Torqshift 6-Speed (6R140) Automatic Transmission (w/PTO Provision)	1	
132.	GVWR 19,500 LBS	1	
133.	7,000 LBS Front GAWR	1	
134.	14,706 LBS Rear GAWR	1	
135.	225/70R19.5 Front Tire	1	
136.	225/70R19.5 Rear Tire	1	
137.	Hydraulic Brakes	1	
138.	Park Brake In Rear Wheels	1	
139.	Ford E/F250-550 Single Horizontal Right Side Exhaust	1	
140.	63C - Aft Axle Frame Extension	1	
141.	No Idle Engine Shut-Down Required	1	
142.	50-State Emissions	1	
143.	Clean Idle Certification	1	
144.	Other Fuel Tank Size CNG Conversion -Minimum 30 Gallon Capacity -Include Meter Gauge -Installed below bed, parallel to frame rails	1	
145.	Dual Alternator	1	
146.	Single High-Output Alternator (175amp Minimum)	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
147.	36,000 Yield Strength (PSI)	1	
148.	AM/FM Radio	1	
149.	Air Conditioning	1	
150.	Keyless Entry	1	
151.	Power Door Locks	1	
152.	Power Windows	1	
153.	Spare Tire	1	
154.	Tachometer	1	
155.	Tinted Windshield	1	
156.	Vinyl Split Bench Seat	1	
157.	CNG Conversion	1	
158.	Additional Chassis Option Two (2) 12-Volt Power Outlets	1	

Additional Pricing

159.	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	
160.	Documentation Fees	1	
161.	Federal Excise Tax Item: If provided, Quote subtotal is an Estimate only. Final determined at invoicing.	1	

Miscellaneous

162.	Ext Warranty Labor, Mat., Expense (Day 366-1095) Mid-Size Model JEMS Hybrid (TA, L Series,LR, AT40M)	1	
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Unit / Body / Chassis Total

162,475.00

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
		FET Total	16,009.26
		Total	178,484.26

Altec Industries, Inc.

BY _____

Laroy Jones

Notes:



ALTEC
2075 Edsel Ln, Corydon, Indiana, 471122168

Customer Proposal

Prepared for:

LaRoy Jones
Altec Industries

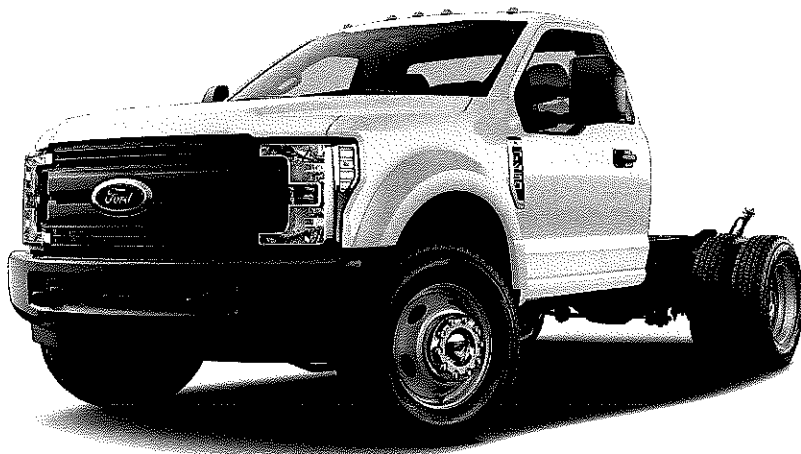
Prepared by:

Lisa McCrary
Email: lisa.mccrary@altec.com

Date: 06/22/2017

Vehicle: 2017 F-550 Chassis XL
4x2 SD Regular Cab 193" WB DRW

Quote ID: 171622





Selected Equipment & Specs

Dimensions

- * Cab to axle: 108.0"
- * Front legroom: 43.9"
- * Front hiproom: 62.5"
- * Passenger volume: 64.6cu.ft.
- * Maximum cargo volume: 11.6cu.ft.
- * Wheelbase: 193.0"
- * Front headroom: 40.8"
- * Front shoulder room: 66.7"
- * Cargo volume: 11.6cu.ft.

Powertrain

- * 288hp 6.8L SOHC 30 valve V-10 engine with SMPI
- * federal
- * Rear-wheel drive
- * Fuel Economy Cty: N/A
- * Transmission PTO provision
- * Recommended fuel : regular unleaded
- * TorqShift 6 speed automatic transmission with overdrive
- * Limited slip differential
- * Fuel Economy Highway: N/A

Suspension/Handling

- * Front Mono-beam non-independent suspension with anti-roll bar, HD shocks
- * Firm ride Suspension
- * Front and rear 19.5 x 6 argent steel wheels
- * Dual rear wheels
- * Rear DANA 130 rigid axle leaf spring suspension with anti-roll bar, HD shocks
- * Hydraulic power-assist re-circulating ball Steering
- * Front LT225/70SR19.5 GBSW AS rear LT225/70SR19.5 G BSW AT

Body Exterior

- * 2 doors
- * Turn signal indicator in mirrors
- * Black bumpers
- * Clearcoat paint
- * Driver and passenger power remote heated folding door mirrors with turn signal indicator
- * Black door mirrors
- * Trailer harness
- * Front and rear 19.5 x 6 wheels

Convenience

- * Manual air conditioning with air filter
- * Driver and passenger 1-touch up
- * Remote power door locks with 2 stage unlock and illuminated entry
- * Manual telescopic steering wheel
- * 1 1st row LCD monitor
- * Passenger visor mirror
- * Power front windows
- * Driver and passenger 1-touch down
- * Manual tilt steering wheel
- * Day-night rearview mirror
- * Front cupholders
- * Driver and passenger door bins

Seats and Trim

- * Seating capacity of 3
- * 4-way driver seat adjustment
- * 4-way passenger seat adjustment
- * Front 40-20-40 split-bench seat
- * Manual driver lumbar support
- * Centre front armrest with storage

Entertainment Features

- * AM/FM stereo radio
- * Fixed antenna
- * 4 speakers

Lighting, Visibility and Instrumentation

- * Halogen aero-composite headlights
- * Fully automatic headlights
- * Light tinted windows
- * Delay-off headlights
- * Variable intermittent front windshield wipers
- * Front reading lights

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Selected Equipment & Specs (cont'd)

- * Tachometer
- * Outside temperature display
- * Trip odometer
- * Oil pressure gauge
- * Trip computer

Safety and Security

- * 4-wheel ABS brakes
- * Driveline traction control
- * Dual seat mounted side impact airbag supplemental restraint system
- * Remote activated perimeter/approach lighting
- * Security system with SecurILock immobilizer
- * Manually adjustable front head restraints
- * 4-wheel disc brakes
- * Dual front impact airbag supplemental restraint system with passenger cancel
- * Safety Canopy System curtain 1st row overhead airbag supplemental restraint system
- * Power remote door locks with 2 stage unlock and panic alarm
- * MyKey restricted driving mode

Dimensions

General Weights

Curb	7081 lbs.	GVWR	19500 lbs.
Front GAWR	7500 lbs.	Rear GAWR	14706 lbs.
Payload	12560 lbs.	Front curb weight	3889 lbs.
Rear curb weight	3192 lbs.	Front axle capacity	7000 lbs.
Rear axle capacity	14706 lbs.	Front spring rating	7500 lbs.
Rear spring rating	15000 lbs.	Front tire/wheel capacity	7500 lbs.
Rear tire/wheel capacity	15000 lbs.		

Trailer Type

Harness	Yes	Trailer sway control	Yes
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General Trailering

5th-wheel towing capacity	20500 lbs.	Towing capacity	18500 lbs.
GCWR	28000 lbs.		

Fuel Tank type

Capacity	40 gal.
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Interior cargo

Cargo volume	11.6 cu.ft.	Maximum cargo volume	11.6 cu.ft.
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Powertrain

Engine Type

Block material	Iron	Cylinders	V-10
Head material	Aluminum	Ignition	Electronic
Injection	Sequential MPI	Liters	6.8L
Orientation	Longitudinal	Recommended fuel	Regular unleaded
Valves per cylinder	3	Valvetrain	SOHC

Engine Spec

Bore	3.55"	Compression ratio	9.2:1
Displacement	415 cu.in.	Stroke	4.16"

Engine Power

Output	288 HP @ 4,000 RPM	Torque	424 ft.-lb @ 3,000 RPM
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Alternator

Type	HD	Amps	200
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Selected Equipment & Specs (cont'd)

Battery

Amp hours	78	Cold cranking amps	750
Run down protection	Yes	Type	HD

Transmission

Electronic control	Yes	Lock-up	Yes
Overdrive	Yes	Speed	6
Type	Automatic		

Transmission Gear Ratios

1st	3.974	2nd	2.318
3rd	1.516	4th	1.149
5th	0.858	6th	0.674
Reverse Gear ratios	3.128		

Transmission Torque Converter

Stall ratio	1.90
-------------	------

Transmission Extras

Driver selectable mode	Yes	Sequential shift control	SelectShift
Oil cooler	Regular duty	PTO provision	Yes

Drive Type

Type	Rear-wheel
------	------------

Drive Feature

Limited slip differential	Mechanical	Traction control	Driveline
Power take-off provision	Yes		

Drive Axle

Ratio	4.88
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Exhaust

Material	Stainless steel	System type	Single
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Emissions

CARB	Federal	EPA	Tier 2 Bin 8
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Fuel Economy

Fuel type	Gasoline
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Driveability

Brakes

ABS	4-wheel	ABS channels	3
Type	4-wheel disc	Vented discs	Front and rear

Suspension Control

Ride	Firm
------	------

Front Suspension

Independence	Mono-beam non-independent	Anti-roll bar	Regular
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Front Spring

Type	Coil	Grade	HD
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Front Shocks

Type	HD
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Selected Equipment & Specs (cont'd)

<i>Rear Suspension</i>			
Independence	DANA 130 rigid axle	Type	Leaf
Anti-roll bar	Regular		
<i>Rear Spring</i>			
Type	Leaf	Grade	HD
<i>Rear Shocks</i>			
Type	HD		
<i>Steering</i>			
Activation	Hydraulic power-assist	Type	Re-circulating ball
<i>Steering Specs</i>			
# of wheels	2		
Exterior			
<i>Front Wheels</i>			
Diameter	19.5"	Width	6.00"
<i>Rear Wheels</i>			
Diameter	19.5"	Width	6.00"
Dual	Yes		
<i>Spare Wheels</i>			
Wheel material	Steel		
<i>Front and Rear Wheels</i>			
Appearance	Argent	Material	Steel
<i>Front Tires</i>			
Aspect	70	Diameter	19.5"
Sidewalls	BSW	Speed	S
Tread	AS	Type	LT
Width	225mm	LT load rating	G
RPM	643		
<i>Rear Tires</i>			
Aspect	70	Diameter	19.5"
Sidewalls	BSW	Speed	S
Tread	AT	Type	LT
Width	225mm	LT load rating	G
RPM	643		
<i>Spare Tire</i>			
Mount	Frame mounted	Type	Full-size
<i>Wheels</i>			
Wheelbase	193.0"		
<i>Body Features</i>			
Front license plate bracket	Yes	Front splash guards	Yes
Body material	Aluminum	Side impact beams	Yes
<i>Body Doors</i>			
Door count	2		

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Selected Equipment & Specs (cont'd)

Exterior Dimensions

Cab to axle	108.0"	Frame section modulus	17.2cu.in.
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Safety

Airbags

Driver front-impact	Yes	Driver side-impact	Seat mounted
Overhead Safety Canopy System curtain 1st row		Passenger front-impact	Cancellable
Passenger side-impact	Seat mounted		

Seatbelt

Height adjustable	Front		
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Security

Immobilizer	SecuriLock	Panic alarm	Yes
Restricted driving mode	MyKey		

Seating

Passenger Capacity

Capacity	3		
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Front Seats

Split	40-20-40	Type	Split-bench
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Driver Seat

Fore/aft	Manual	Reclining	Manual
Way direction control	4	Lumbar support	Manual

Passenger seat

Fore/aft	Manual	Reclining	Manual
Way direction control	4		

Front Head Restraint

Control	Manual	Type	Adjustable
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Front Armrest

Centre	Yes	Storage	Yes
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Front Seat Trim

Material	Vinyl	Back material	Vinyl
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Convenience

AC And Heat Type

Air conditioning	Manual	Air filter	Yes
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Audio System

Radio	AM/FM stereo	Radio grade	Regular
Seek-scan	Yes		

Audio Speakers

Speaker type	Regular	Speakers	4
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Audio Antenna

Type	Fixed		
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Selected Equipment & Specs (cont'd)

<i>LCD Monitors</i>			
1st row	1	Primary monitor size (inches)	2.3
<i>Convenience Features</i>			
Retained accessory power	Yes	12V DC power outlet	2
<i>Door Lock Activation</i>			
Type	Power with 2 stage unlock	Remote	Keyfob (all doors)
Integrated key/remote	Yes		
<i>Instrumentation Type</i>			
Display	Analog		
<i>Instrumentation Gauges</i>			
Tachometer	Yes	Oil pressure	Yes
Engine temperature	Yes	Transmission fluid temp	Yes
Engine hour meter	Yes		
<i>Instrumentation Warnings</i>			
Oil pressure	Yes	Engine temperature	Yes
Battery	Yes	Lights on	Yes
Key	Yes	Low fuel	Yes
Door ajar	Yes	Service interval	Yes
Brake fluid	Yes		
<i>Instrumentation Displays</i>			
Clock	In-radio display	Exterior temp	Yes
Systems monitor	Yes		
<i>Instrumentation Feature</i>			
Trip computer	Yes	Trip odometer	Yes
<i>Steering Wheel Type</i>			
Material	Urethane	Tilting	Manual
Telescoping	Manual		
<i>Front Side Windows</i>			
Window 1st row activation	Power		
<i>Window Features</i>			
1-touch down	Driver and passenger	1-touch up	Driver and passenger
Tinted	Light		
<i>Front Windshield</i>			
Wiper	Variable intermittent		
<i>Rear Windshield</i>			
Window	Fixed		
Interior			
<i>Passenger Visor</i>			
Mirror	Yes		
<i>Rear View Mirror</i>			
Day-night	Yes		
<i>Headliner</i>			

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Selected Equipment & Specs (cont'd)

Coverage	Full	Material	Cloth
<i>Floor Trim</i>			
Coverage	Full	Covering	Vinyl/rubber
<i>Trim Feature</i>			
Gear shift knob	Urethane	Interior accents	Chrome
<i>Lighting</i>			
Dome light type	Fade	Front reading	Yes
Illuminated entry	Yes	Variable IP lighting	Yes
<i>Storage</i>			
Driver door bin	Yes	Front Beverage holder(s)	Yes
Glove box	Locking	Passenger door bin	Yes
Illuminated	Yes	Instrument panel	Bin
Dashboard	Covered		
<i>Legroom</i>			
Front	43.9"		
<i>Headroom</i>			
Front	40.8"		
<i>Hip Room</i>			
Front	62.5"		
<i>Shoulder Room</i>			
Front	66.7"		
<i>Interior Volume</i>			
Passenger volume	64.6 cu.ft.		

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Warranty - Selected Equipment & Specs

Warranty

Basic

Distance 36000 miles Months 36 months

Powertrain

Distance 60000 miles Months 60 months

Corrosion Perforation

Distance Unlimited miles Months 60 months

Roadside Assistance

Distance 60000 miles Months 60 months

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: LaRoy Jones, Altec Industries
By: Lisa McCrary Date: 06/22/2017



Selected Options

Code	Description
Base Vehicle	
F5G	Base Vehicle Price (F5G)
Packages	
660A	Order Code 660A <i>Includes:</i> - Engine: 6.8L 3-Valve SOHC EFI NA V10 - Transmission: TorqShift 6-Speed Automatic (6R140) <i>Includes SelectShift.</i> - Wheels: 19.5" Argent Painted Steel - HD Vinyl 40/20/40 Split Bench Seat <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i> - Radio: AM/FM Stereo <i>Includes 4 speakers.</i>
Powertrain	
99Y	Engine: 6.8L 3-Valve SOHC EFI NA V10
44P	Transmission: TorqShift 6-Speed Automatic (6R140) <i>Includes SelectShift.</i>
X8L	Limited Slip w/4.88 Axle Ratio
68M	GVWR: 19,500 lb Payload Plus Upgrade Package <i>Includes upgraded frame, rear-axle and low deflection/high capacity springs. Increases max RGAWR to 14, 706. NOTE: See Order Guide Supplemental Reference for further details on GVWR.</i>
Wheels & Tires	
THB	Tires: 225/70Rx19.5G BSW Traction <i>Includes 4 traction tires on the rear and 2 all-season tires on the front. Optional spare is 225/70Rx19.5G BSW all-season.</i>
64Z	Wheels: 19.5" Argent Painted Steel
512	Spare Tire, Wheel & Jack REQUIRED in Rhode Island. <i>Excludes carrier.</i> <i>Includes:</i> - 6-Ton Hydraulic Jack
Seats & Seat Trim	
A	HD Vinyl 40/20/40 Split Bench Seat <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i>
Other Options	
PAINT	Monotone Paint Application
193WB	193" Wheelbase
90L	Power Equipment Group

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Selected Options (cont'd)

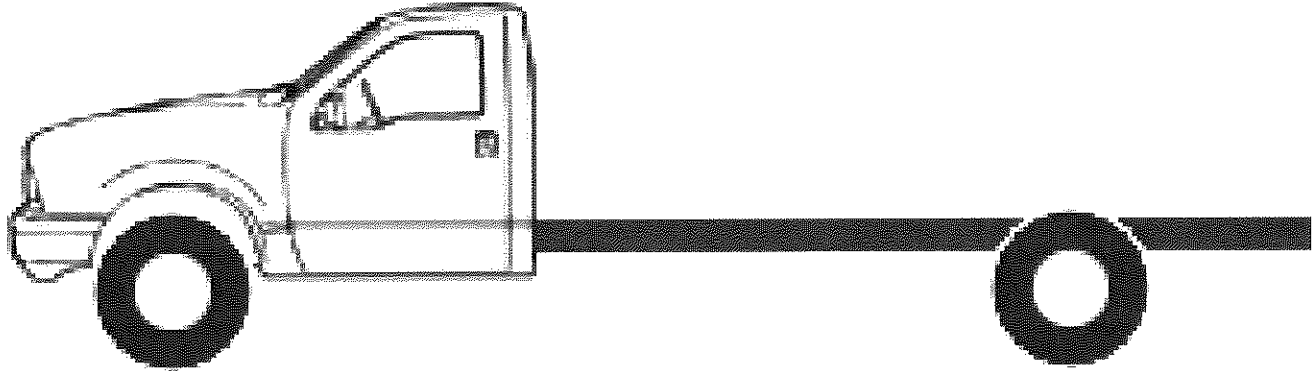
Code	Description
	<p>Deletes passenger side lock cylinder. Includes upgraded door-trim panel. Includes:</p> <ul style="list-style-type: none"> - Accessory Delay - Trailer Tow Mirrors w/Power Heated Glass Includes manual telescoping, heated convex spotter mirror and integrated clearance lamps/turn signals. - MyKey Includes owner controls feature. - Perimeter Anti-Theft Alarm - Power Front Side Windows Includes 1-touch up/down driver/passenger window. - Power Locks - Remote Keyless Entry - SecuriLock Passive Anti-Theft System (PATS)
67P	<p>Extra Heavy-Duty Front End Suspension - 7,500 GAWR Includes upgraded front axle and max 7,500 lbs. Front Springs/GAWR rating for configuration selected. Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer.</p>
473	<p>Snow Plow Prep Package Includes pre-selected springs (see Order Guide Supplemental Reference for springs/FGAWR of specific vehicle configurations). NOTE 1: Restrictions apply; see Supplemental Reference or Body Builders Layout Book for details. NOTE 2: Also allows for the attachment of a winch.</p>
61J	6-Ton Hydraulic Jack
62R	<p>Transmission Power Take-Off Provision Includes transmission mounted live drive and stationary mode PTO.</p>
STDRD	<p>Radio: AM/FM Stereo Includes 4 speakers.</p>
Emissions	
425	50-State Emissions System
Interior Colors	
AS_04	Medium Earth Gray
Primary Colors	
Z1_01	Oxford White
Upfit Options	
AXL	63C - Aft Axle Frame Extension

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Performance

Performance predictions in this report represent an estimate of vehicle performance based on standard operating conditions. Variations in customer equipment, load configuration, ambient conditions, and/or operator driving techniques can cause significant variations in vehicle performance. These values are not representative of results that may be shown in actual dynamometer tests. This report should therefore be used as a guide for comparative vehicle performance.



Light Duty

GVW	Totals
1 Max Payload - (Max Payload)	10,722 lbs
Occupants Weight	450 lbs
Curb Weight (as configured)	7,081 lbs
TOTAL	18,253 lbs
GVWR	19,500 lbs

GCW	Totals
Adjusted Truck GVW	18,253 lbs
Weight of trailer	0 lbs
Weight of trailer cargo	0 lbs
Total Weight of trailer	0 lbs
TOTAL	18,253 lbs
GCWR	28,000 lbs

Highway use only. Ford Motor Company recommends that a separate, functional brake system be used on any towed vehicle or trailer.

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Altec Industries, Inc. Provides the Following Warranties to the Original Purchase of an Altec Aerial Device Or Digger Derrick



ALTEC AERIAL & DIGGER DERRICK UNITS STRUCTURAL

Aerials and derricks designed and manufactured by Altec Industries, Inc., are warranted to be free from defects in material and workmanship at the time of initial delivery. This does not apply if the product has been modified or altered in any way by anyone other than an approved Altec representative.

For so long as the initial purchaser owns the product, Altec will, at its option, repair or replace any of the following major components found by Altec to be structurally impaired due to defects in material or workmanship which existed at the time of initial delivery: booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, sub bases, turntables, and reel lifting arms. No charge for parts or labor shall be made for such repair or replacement when performed at an Altec service facility. This warranty does NOT cover wear components.

APPLICABLE TO ALL ALTEC AERIAL & DIGGER DERRICK UNITS:

COMPONENTS

For 1 year following initial delivery of the product, Altec will, at its option, repair or replace any part found by Altec to be defective in material or workmanship at the time of initial delivery. During the first 90 days following initial delivery, no charge for parts, labor or travel to the customer's location shall be made for such repair or replacement at the customer's location. During the remainder of such 1 year, no charge for parts or labor shall be made for such repair or replacement at an Altec service facility.

ELIGIBILITY

Warranty period begins at the time of initial delivery from Altec.

All products must be properly installed, maintained, and serviced during the duration of the warranty coverage.

This warranty is not transferable beyond the original owner.

EXCLUSIONS

This warranty does not cover:

- (a) products which have not been operated and maintained in accordance with Altec operators and maintenance manuals, programs, and bulletins;
- (b) products which have not been mounted in accordance with Altec installation procedures;
- (c) products not manufactured by Altec which are supplied by Altec on special order;
- (d) products which are repaired without using original Altec parts; or
- (e) transportation or delivery to an Altec service facility or the customer's location.
- (f) replacement of rental charges, misuse, abuse, accidents, alteration or use in any way not recommended by Altec.

Any and all accessory items that are added to the body but not manufactured by Altec, such as inverters, compressors, liftgates, generators, corner mount cranes, etc., will be covered, if at all, by the accessory products manufacturer's warranty in effect at the time of delivery and will not be covered by any warranty extended by Altec.

This limited warranty is expressly in lieu of any other warranties, express or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. Except as specified above, no associate, agent or representative of Altec is authorized to extend any warranty on Altec's behalf. Remedies under this limited warranty are expressly limited to the provision and installation of parts and labor, as specified above, and any claims for other loss or damages of any type (including, but not limited to, loss from failure of the product to operate for any period of time, other economic or moral loss, or direct, immediate, special, indirect, incidental or consequential damage) are expressly excluded.



Limited Six Year Warranty for Utility Service Bodies

Altec Industries, Inc. provides the following warranties to the original purchaser of an Altec utility service body:

- Altec warrants that its service bodies will not rust through (develop a hole through the metal as a result of rust) for a period of six years from date of original purchase, under conditions of normal use and with regular maintenance. This warranty is void if the service body has been used to transport corrosive materials.
- Altec warrants that its service bodies are free of defects in material and workmanship, under proper use, installation, application and maintenance, for six years from date of original purchase. This includes the door hinges, door latches, and lock cylinders.
- Altec warrants that the shelving in an Altec service body will not bend under a rated load of 250 pounds.
- Altec warrants all top coat finishes applied by Altec or an authorized Altec representative for one year from the date of purchase. This warranty does not apply to any service body purchased in prime paint. Any lettering or decals required following repair or replacement will not be covered under this warranty.
- Altec warrants the structural components of the service body for 10 years following the original purchase. This does not apply if the body has been modified or altered in any way by anyone other than an approved Altec representative. This warranty does not extend to any custom equipment or finishes, decals, damages to vehicles or labor in connection with any of the above.

Altec's obligation under these limited warranties is limited to repair, replacement, or credit, not to exceed Altec's suggested list price, at the option of Altec. This warranty does not cover transportation charges, replacement rental charges, misuse, abuse, accidents, alteration or use in any way not recommended by Altec.

Altec reserves the sole right to inspect any item claimed for warranty and decide the appropriate way to handle any and all claims, including the replacement or repair of the warranted part. No repair or replacement work commenced without prior written approval of an authorized Altec representative will be covered by these limited warranties.

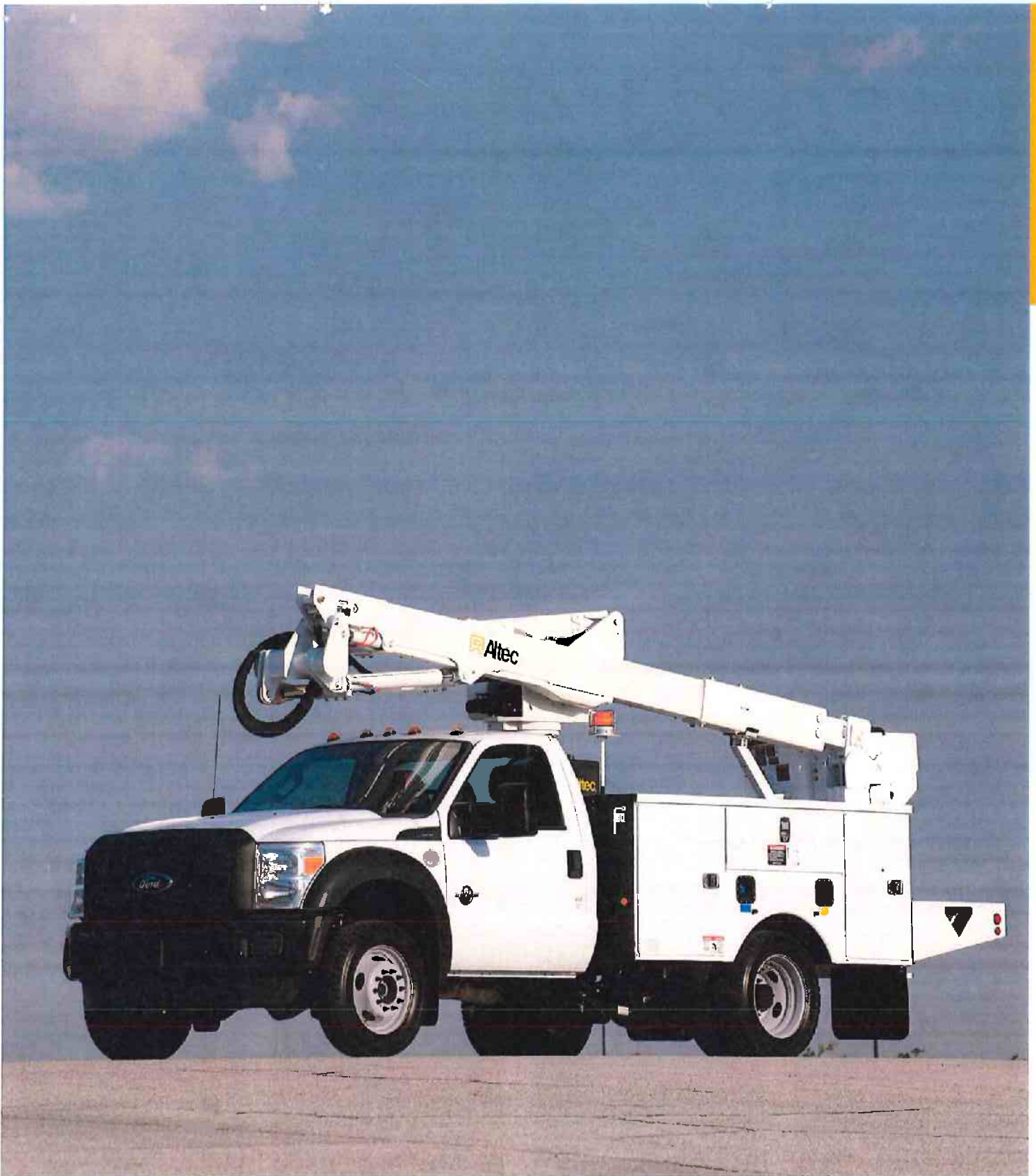
Any and all accessory items that are added to the body but not manufactured by Altec, such as inverters, compressors, liftgates, generators, corner mount cranes, etc. will be covered, if at all, by the accessory products manufacturer's warranty in effect at the time of delivery and will not be covered by any warranty extended by Altec.

This limited warranty does not cover: (a) products which have not been operated and maintained in accordance with Altec operators and maintenance manuals, programs, and bulletins; (b) products which have not been mounted in accordance with Altec installation procedures; (c) products not manufactured by Altec which are supplied by Altec on special order; (d) products which are repaired without using original Altec parts; or (e) transportation or delivery to an Altec service facility or the customer's location.

This limited warranty is expressly in lieu of any other warranties, express or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. Except as specified above, no associate, agent or representative of Altec is authorized to extend any warranty on Altec's behalf. Remedies under this limited warranty are expressly limited to the provision and installation of parts and labor, as specified above, and any claims for other loss or damages of any type (including, but not limited to, loss from failure of the product to operate for any period of time, other economic or moral loss, or direct, immediate, special, indirect, incidental or consequential damage) are expressly excluded.



AT40G



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 **Altec**
TELESCOPIC ARTICULATING
AERIAL DEVICE

AT40G

FEATURES

- Telescopic Articulating Aerial Device
- Compensated Articulating Arm
- Hydraulic Boom Extension
- Altec ISO-Grip® Control System
- Low Power Fiber Optic Control System
- Fully Metered 4-Function, Single-Handle Upper Control
- Platform Access from Ground
- Composite Platform Mounting Bracket
- Insulating, ANSI Category C
- Hydraulic Platform Leveling System
- Emergency Lowering Valve at Platform
- Platform Leveling at Upper and Lower Controls
- 180° Platform Rotator
- Tool Circuit at Platform
- Open-Center Hydraulic System
- Easily Mounted on 19,500 lb (8,845 kg) GVWR Chassis
- Outrigger Boom Interlock System (with Outrigger Option)
- Outrigger Motion Alarm (with Outrigger Option)
- Back Up Alarm

OPTIONS

- ISO-Boom Offering ANSI Category C Isolation with Boom Retracted
- Outriggers, Vertical
- Hybrid Adaptation Available with Standard Electronic Systems
- Secondary Stowage
- Engine Start/Stop
- Platform Cover
- Tool Circuit at Tailshelf
- 24 x 24 x 42 in (610 x 610 x 1067 mm) Platform

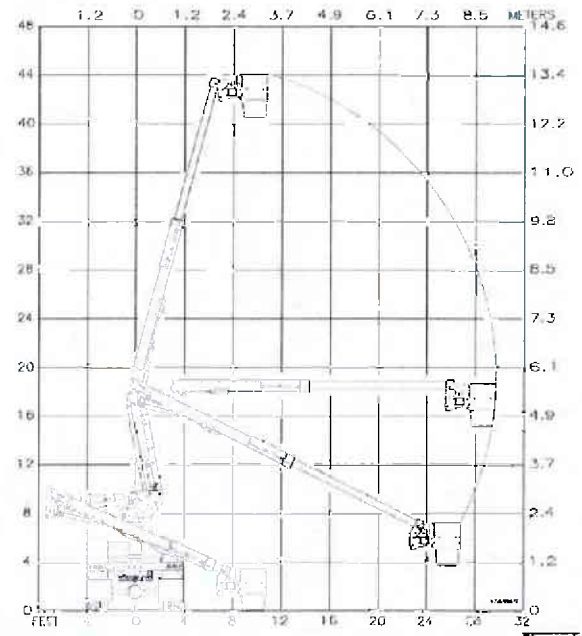
Recommended safety equipment, available through Altec Supply, include a platform liner, fall protection system, wheel chocks and outrigger pads (with outrigger option).

SPECIFICATIONS

Ground to Bottom of Platform* (1 Reach from Centerline)	40.6 ft (12.4 m) 10.91 (3.3 m)
Working Height	45.6 ft (13.9 m)
Maximum Side Reach† (at Platform Height)	29.7 ft (9.1 m) 15.24 (4.6 m)
Platform Capacity	400 lb (181.4 kg)
Platform Dimensions (End-Mount)	24 x 30 x 42 in (610 x 762 x 1,067 mm)
Articulating Arm Articulation	-5 to 79°
Upper Boom Articulation	-25 to 75°
Stowed Travel Height	10.3 ft (3.1 m)
Rotation	Continuous
Weight of Machine**	2,543 lb (1,153 kg)

*Based on a 40 in (1016 mm) chassis frame height.
** Weight does not include mounting, frame or outriggers.

REACH DIAGRAM



INCREASED SIDE REACH
29.7 FT (9.1 M)



INCREASED WORKING HEIGHT
45.6 FT (13.9 M)



ISO-BOOM OPTION
FOR ADDED DIELECTRIC INTEGRITY



FIBER OPTIC CONTROLS
WITH FEWER HOSES AND VALVES



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