

**INVITATION TO BID**  
**CITY OF NAPLES**  
**PURCHASING DIVISION**  
**CITY HALL, 735 8<sup>TH</sup> STREET SOUTH**  
**NAPLES, FL 34102**  
**PH: 239-213-7100    FX: 239-213-7105**

NOTIFICATION DATE:  <b>9/28/11</b>	TITLE  <b>LIFT TRUCK</b>	NUMBER:  <b>003-12</b>	OPENING DATE & TIME:  <b>10/20/11 2:00 PM</b>
PRE-BID DATE, TIME AND LOCATION:			

NAME OF PARTNERSHIP, CORPORATION OR INDIVIDUAL:	
MAILING ADDRESS:	
CITY-STATE-ZIP:	
PH:	EMAIL:
FX:	WEB ADDRESS:

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the City of Naples the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign or transfer to the City of Naples all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of FL for price fixing relating to the particular commodities or services purchased or acquired by the City of Naples. At the City's discretion, such assignment shall be made and become effective at the time the City tenders final payment to the bidder.

AUTHORIZED SIGNATURE	DATE	PRINTED NAME/TITLE
<small>Please initial by all that apply</small> <small>I acknowledge receipt of the following addendum</small> <small>_____Addendum #1      _____Addendum #2      _____Addendum #3      _____Addendum #4</small>		

**PLEASE NOTE THE FOLLOWING:**

- > This page **must be completed and returned** with your bid.
- > Bids must be **submitted in a sealed envelope, marked with bid number & closing date.**
- > Bids received after the above closing date and time will not be accepted.
- > **If you do not have an email address** and you want a copy of the Bid Tab, please enclose a stamped, self-addressed envelope with your bid.

## GENERAL CONDITIONS

**TO INSURE ACCEPTANCE OF THE BID, PLEASE FOLLOW THESE INSTRUCTIONS. ANY AND ALL SPECIAL CONDITIONS, ATTACHED HERETO, HAVE PRECEDENCE.**

- 1. SEALED BID:** All bids must be submitted in a sealed envelope. The face of the envelope shall contain the bid name and bid number. Bids not submitted on attached bid form shall be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.
- 2. EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the proposal section. Bid must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to his bid must be initialed.
- 3. NO BID:** If not submitting a bid, respond by returning the Statement of No Bid and explain the reason in the spaces provided. Failure to respond 3 times in succession without justification shall be cause for removal of the supplier's name from the bid mailing list. NOTE: To qualify as a respondent, bidder must submit a "NO BID," and it must be received no later than the stated bid opening date and hour.
- 4. BID OPENING:** Shall be public, on the date and at the time specified on the bid form. It is the bidder's responsibility to assure that his bid is delivered at the proper time and place of the bid opening. Bids which for any reason are not so delivered will not be considered. Offers by telegram; telephone; or fax are not acceptable. Bid files may be examined during normal working hours.
- 5. WITHDRAWAL OF BIDS:** Withdrawal of a bid within sixty (60) days after the opening of bids is subject to suspension or debarment in accordance with Policy 7-4 for up to three years.
- 6. PRICES, TERMS and PAYMENT:** Firm Prices shall be bid and include all packing, handling, shipping charges and delivery to the destination shown herein. Bidder is encouraged to offer cash discount for prompt invoice payment. Terms of less than 20 days will not be considered.

  - A. TAXES:** The City of Naples does not pay Federal Excise and Sales taxes on direct purchases of tangible personal property. See exemption number on face of purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for the improvement of City-owned real property.
  - B. MISTAKES:** Bidders are expected to examine the specifications, delivery schedule, bid prices, extensions, and all instructions pertaining to supplies and services. Failure to do so will be at bidder's risk. In case of mistake in extension, the unit price will govern.
  - C. CONDITION AND PACKAGING:** It is understood and agreed that any item offered or shipped as a result of this bid shall be a new, current standard production model available at the time of this bid. All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging.
  - D. SAFETY STANDARDS:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of Occupational Safety and Health Act and any standards there under.
  - E. UNDERWRITERS' LABORATORIES:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall carry U.L. approval and re-examination listing where such has been established.
  - F. PAYMENT:** Payment will be made by the buyer after the items awarded to a vendor have been received, inspected, and found to comply with award specifications, free of damage or defect and properly invoiced. All invoices shall bear the purchase order number. Payment for partial shipments shall not be made unless specified in the bid. Failure to follow these instructions may result in delay in processing invoices for payment. In addition, the purchase order number must appear on bills of lading, packages, cases, delivery lists and correspondence.
- 7. DELIVERY:** Unless actual date of delivery is specified (or if specified delivery cannot be met), show number of days required to make delivery after receipt of purchase order in space provided. Delivery time may become a basis for making an award (see Special Conditions). Delivery shall be within the normal working hours of the user, Monday through Friday, unless otherwise specified.
- 8. MANUFACTURERS' NAMES AND APPROVED EQUIVALENTS:** Any manufacturers' names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. The bidder may offer any brand for which he is an authorized representative, which meets or exceeds the specification for any item(s). If bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Bidder shall submit with his proposal, cuts, sketches, and descriptive literature, and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Bids which do not comply with these requirements are subject to rejection. Bids lacking any written indication of intent to quote an alternate brand will be received and considered in complete compliance with the specifications as listed on the bid form.

**9. INTERPRETATIONS:** Any questions concerning conditions and specifications shall be directed in writing to this office for receipt no later than ten (10) days prior to the bid opening. Inquiries must reference the date of bid opening and bid number. Failure to comply with this condition will result in bidder waiving his right to dispute the bid.

**10. CONFLICT OF INTEREST:** All bid awards are subject to Section 2-72 Conflict of Interest, City of Naples Code of Ordinances, which states: *"No public officer or employee shall have or hold any employment or contractual relationship with any business entity or any agency which is subject to the regulation of or is doing business with the city; nor shall an officer or employee have or hold any employment or contractual relationship that will create a continuing or frequently recurring conflict between his private interests and the performance of his public duties or that would impede the full and faithful discharge of his public duties. Any member of the city council or any city officer or employee who willfully violates this section shall be guilty of malfeasance in office or position and shall forfeit his office or position. Violation of this section with the knowledge, express or implied, of the person or corporation contracting with or making a sale to the city shall render the contract or sale voidable by the city manager or the city council."*

**11. AWARDS:** As the best interest of the City may require, the right is reserved to make award(s) by individual item, group of items, all or none, or a combination thereof; to reject any and all bids or waive any minor irregularity or technicality in bids received.

**12. ADDITIONAL QUANTITIES:** For a period not exceeding ninety (90) days from the date of acceptance of this offer by the buyer, the right is reserved to acquire additional quantities up to but not exceeding those shown on bid at the prices bid in this invitation. If additional quantities are not acceptable, the bid sheets must be noted "BID IS FOR SPECIFIED QUANTITY ONLY." (THIS PARAGRAPH DOES NOT APPLY FOR A TERM CONTRACT.)

**13. SERVICE AND WARRANTY:** Unless otherwise specified, the bidder shall define any warranty service and replacements that will be provided during and subsequent to this contract. Bidders must explain on an attached sheet to what extent warranty and service facilities are provided.

**14. SAMPLES:** Samples of items, when called for, must be furnished free of expense, on or before bid opening time and date, and if not destroyed may, upon request, be returned at the bidder's expense. Each individual sample must be labeled with bidder's name, manufacturer's brand name and number, bid number and item reference. Request for return of samples shall be accompanied by instructions which include shipping authorization and name of carrier and must be received with your bid. If instructions are not received within this time, the commodities shall be disposed of by the City of Naples.

**15. BID PROTEST:** The city has formal bid protest procedures that are available on request.

**16. INSPECTION, ACCEPTANCE AND TITLE:** Inspection and acceptance will be at destination unless otherwise provided. Title and risk of loss or damage to all items shall be the responsibility of the contract supplier until accepted by the ordering agency, unless loss or damage results from negligence by the ordering

**17. DISPUTES:** In case of any doubt or difference of opinion as to the items to be furnished hereunder, the decision of the buyer shall be final and binding on both parties.

**18. GOVERNMENTAL RESTRICTIONS:** In the event any governmental restrictions may be imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered on this proposal prior to their delivery, it shall be the responsibility of the successful bidder to notify the buyer at once, indicating in his letter the specific regulation which required an alteration. The City reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no expense to the City.

**19. LEGAL REQUIREMENTS:** Applicable provision of all Federal, State, county and local laws, and of all ordinances, rules, and regulations shall govern development submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the City of Naples by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any bidder shall not constitute a cognizable defense against the legal effect thereof.

**20. PATENTS AND ROYALTIES:** The bidder, without exception, shall indemnify and save harmless the City of Naples and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the City of Naples. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

**21. ADVERTISING:** In submitting a bid, bidder agrees not to use the results there from as a part of any commercial advertising.

22. **ASSIGNMENT:** Any Purchase Order issued pursuant to this bid invitation and the monies which may become due hereunder are not assignable except with the prior written approval of the buyer.

23. **LIABILITY:** The supplier shall hold and save the City of Naples, its officers, agents, and employees harmless from liability of any kind in the performance of this contract.

24. **PUBLIC ENTITY CRIMES:** A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

25. **DISCRIMINATION:** An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

26. **COUNTY TAXES:** No proposal shall be accepted from and no contract will be awarded to any person, firm or corporation that is in arrears to the government of Collier County, Florida.

27. **OFFER EXTENDED TO OTHER GOVERNMENTAL ENTITIES:** The City of Naples encourages and agrees to the successful bidder/proposer extending the pricing, terms and conditions of this solicitation or resultant contract to other governmental entities at the discretion of the successful bidder/proposer.

**IF THIS BID IS FOR A TERM CONTRACT, THE FOLLOWING CONDITIONS SHALL ALSO APPLY**

28. **ELIGIBLE USERS:** All departments of the City of Naples are eligible to use this term contract. Such purchases shall be exempt from the competitive bid requirements otherwise applying to their purchases.

29. **PRICE ADJUSTMENTS:** Any price decrease effectuated during the contract period by reason of market change shall be passed on to City of Naples. Price increases are not acceptable.

30. **CANCELLATION:** All contract obligations shall prevail for at least one hundred eighty (180) days after effective date of contract. After that period, for the protection of both parties, this contract may be cancelled in whole or in part by either party by giving thirty (30) days prior written notice to the other party.

31. **RENEWAL:** The City of Naples reserves the option to renew the period of this contract, or any portion thereof for up to two (2) additional periods. Renewal of the contract period shall be by mutual agreement in writing.

32. **ABNORMAL QUANTITIES:** While it is not anticipated, should any unusual or abnormal requirements arise, the City reserves the right to solicit separate bids thereon.

33. **FISCAL NON-FUNDING CLAUSE:** In the event sufficient funds are not budgeted for a new fiscal period, the City shall notify the contractor of such occurrence and the contract shall terminate on the last day of the current fiscal year without penalty or expense to the City.

**IF THIS BID IS FOR PERFORMING A SERVICE, THE FOLLOWING CONDITIONS SHALL ALSO APPLY**

34. **ALTERNATIVE BIDS:** Bidders offering service delivery methods other than those permitted by the scope of work may submit a separate envelope clearly marked "ALTERNATIVE BID". Alternative bids will be deemed non-responsive and will not be considered for award. All such responses will, however, be examined prior to award. Such examination may result in cancellation of all bids received to permit rewriting the scope of work to include the alternative method, or the alternative method may be considered for future requirements of the City of Naples.

35. **ANTITRUST:** By entering into a contract, the contractor conveys, sells, assigns and transfers to the City of Naples all rights, titles and interest it may now have or hereafter acquire under the antitrust laws of the United States and the State of Florida that relate to the particular goods or services purchased or acquired by the City of Naples under said contract.

**36. BIDDER INVESTIGATIONS:** Before submitting a bid, each bidder shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by the City of Naples upon which the bidder will rely. If the bidder receives an award as a result of its bid submission, failure to have made such investigations and examinations will in no way relieve the bidder from its obligation to comply in every detail with all provisions and requirements of the contract documents, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation.

**37. CERTIFICATES AND LICENSES:** The Contractor, at time of proposal, shall possess the correct occupational licenses, all professional licenses or other authorizations necessary to carry out and perform the work required by the City of Naples and Collier County for this project pursuant to all applicable Federal, State and Local Laws, Statutes, Ordinances, and rules and regulations of any kind.

**38. CHANGE IN SCOPE OF WORK:** The City of Naples may order changes in the work consisting of additions, deletions or other revisions within the general scope of the contract. No claims may be made by the contractor that the scope of the project or of the contractor's services has been changed, requiring changes to the amount of compensation to the contractor or other adjustments to the contract unless such changes or adjustments have been made by written amendment to the contract signed by the City of Naples and the contractor. If the contractor believes that any particular work is not within the scope of the project, is a material change, or will otherwise require more compensation to the contractor, the contractor must immediately notify the City in writing of this belief. If the City believes that the particular work is within the scope of the contract as written, the contractor will be ordered to and shall continue with the work as changed and at the cost stated for the work within the scope.

**39. CONTRACTOR PERSONNEL:** The City of Naples shall, throughout the life of the contract, have the right of reasonable rejection and approval of staff or subcontractors assigned to the work by the contractor. If the City reasonably rejects staff or subcontractors, the contractor must provide replacement staff or subcontractors satisfactory to the City in a timely manner and at no additional cost to the City. The day-to-day supervision and control of the contractor's employees and sub-contractors is the responsibility solely of the contractor.

**40. COST REIMBURSEMENT:** The contractor agrees that all incidental costs, including allowances for profit and tools of the trade, must be included in the bid proposal rates. If an arrangement is made between the contractor and the City to reimburse the contractor for the cost of materials provided in the performance of the work, the contractor shall be reimbursed in the following manner: The City shall reimburse the contractor on completion and acceptance of each assigned job, only for those materials actually used in the performance of the work that is supported by invoices issued by the suppliers of the contractor describing the quantity and cost of the materials purchased. No surcharge shall be added to the supplier's invoices or included in the contractor's invoice submitted to the City that would increase the dollar amount indicated on the supplier's invoice for the materials purchased for the assigned job.

**41. EXCEPTIONS:** Bidders taking exception to any part or section of the solicitation shall indicate such exceptions on the bid form. Failure to indicate any exception will be interpreted as the bidder's intent to comply fully with the requirements as written. Conditional or qualified bids, unless specifically allowed, shall be subject to rejection in whole or in part.

**42. FAILURE TO DELIVER:** In the event of the contractor to fail to deliver services in accordance with the contract terms and conditions, the City, after due oral or written notice, may procure the services from other sources and hold the contractor responsible for any resulting purchase and administrative costs. This remedy shall be in addition to any other remedies that the City may have.

**43. FAILURE TO ENFORCE:** Failure by the City at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the City to enforce any provision at any time in accordance with its terms.

**44. FORCE MAJEURE:** The contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions and acts of God beyond the control of the contractor, unless otherwise specified in the contract.

**45. INDEPENDENT CONTRACTOR:** The contractor shall be legally considered an independent contractor and neither the contractor nor its employees shall, under any circumstances, be considered servants or agents of the City of Naples and the City of Naples shall be at no time legally responsible for any negligence or any wrongdoing by the contractor, its servants or agents. The City of Naples shall not withhold from the contract payments to the contractor any federal income taxes, Social Security tax, or any other amounts for benefits to the contractor. Further, the City shall not provide to the contractor any insurance coverage or other benefits, including Workers' Compensation normally provided by the City for its employees.

**46. ORAL STATEMENTS:** No oral statement of any person shall modify or otherwise affect the terms, conditions or specifications stated in this contract. All modifications to the contract must be made in writing by the City of Naples.

**47. QUALIFICATIONS OF BIDDERS:** The bidder may be required, before the award of any contract, to show to the complete satisfaction of the City of Naples that it has the necessary facilities, ability, and financial resources to provide the service specified therein in a satisfactory manner. The bidder may also be required to give a past history and references in order to satisfy the City in regard to the bidder's qualifications. The City may make reasonable investigations deemed necessary and proper to determine the ability of the bidder to perform the work, and the bidder shall furnish to the City all information for this purpose that may be requested. The City reserves the right to reject any bid if the evidence submitted by, or investigation of, the bidder fails to satisfy the City that the bidder is properly qualified to carry out the obligations of the contract and to complete the work described therein. Evaluation of the bidder's qualifications shall include:

- > The ability, capacity, skill and financial resources to perform the work or service.
- > The ability to perform the work service promptly or within the time specified, without delay.
- > The character, integrity, reputation, judgment, experience, and efficiency of the bidder.
- > The quality of performance of previous contracts or services.

**48. QUALITY CONTROL:** The contractor shall institute and maintain throughout the contract period a properly documented quality control program designed to ensure that the services are provided at all times and in all respects in accordance with the contract. The program shall include providing daily supervision and conducting frequent inspections of the contractor's staff and ensuring that accurate records are maintained describing the disposition of all complaints. The records so created shall be open to inspection by the City.

**49. RECOVERY OF MONEY:** Whenever, under the contract, any sum of money shall be recoverable from or payable by the contractor to the City, the same amount may be deducted from any sum due to the contractor under the contract or under any other contract between the contractor and the City. The rights of the City are in addition and without prejudice to any other right the City may have to claim the amount of any loss or damage suffered by the City on account of the acts or omissions of the contractor.

**50. REQUIREMENTS CONTRACT:** During the period of the contract, the contractor shall provide all the services described in the contract. The contractor understands and agrees that this is a requirements contract and that the City shall have no obligation to the contractor if no services are required. Any quantities that are included in the scope of work reflect the current expectations of the City for the period of the contract. The amount is only an estimate and the contractor understands and agrees that the City is under no obligation to the contractor to buy any amount of services as a result of having provided this estimate or of having any typical or measurable requirement in the past. The contractor further understands and agrees that the City may require services in excess of the estimated annual contract amount and that the quantity actually used whether in excess of, or less than, the estimated annual contract amount and that the quantity actually used shall not give rise to any claim for compensation other than the total of the unit prices in the contract for the quantity actually used.

**51. TERMINATION FOR CONVENIENCE:** The performance of work under the contract may be terminated by the City in whole or in part whenever the City determines that termination is in the City's best interest. Any such termination shall be effected by the delivery to the contractor of a written notice of termination of at least seven (7) days before the date of termination, specifying the extent to which performance of the work under the contract is terminated and the date upon which such termination becomes effective. After receipt of a notice of termination, except as otherwise directed, the contractor shall stop work on the date of the receipt of the notice or other date specified in the notice; place no further orders or subcontracts for materials, services or facilities except as necessary for completion of such portion of the work not terminated; terminate all vendors and subcontracts; and settle all outstanding liabilities and claims.

**52. TERMINATION FOR DEFAULT:** The City of Naples reserves the right to terminate the contract if the City determines that the contractor has failed to perform satisfactorily the work required, as determined by the City. In the event the City decides to terminate the contract for failure to perform satisfactorily, the City shall give to the contractor at least seven (7) days written notice before the termination takes effect. The seven-day period will begin upon the mailing of notice by the City. If the contractor fails to cure the default within the seven (7) days specified in the notice and the contract is terminated for failure to perform satisfactorily, the contractor shall be entitled to receive compensation for all reasonable, allocable and allowable contract services satisfactorily performed by the contractor up to the date of termination that were accepted by the City prior to the termination. In the event the City terminates the contract because of the default of the contractor, the contractor shall be liable for all excess costs that the City is required to expend to complete the work under contract.

**53. STATE AND FEDERAL EMPLOYMENT LAWS:** Contractors providing service to the City are required to comply with all state and federal employment laws. This includes, but is not limited to, laws resulting from the Immigration and Reform and Control Act of 1986, wherein all employers are required to verify the identity and employment eligibility of all employees. The Department of Homeland Security, U.S. Citizenship and Immigration Services require employees and employers to complete Form I-9 and the employer must examine evidence of identity and employment eligibility within three business days of the date employment begins. Non compliant contractors will be subject to contract sanctions, up to and including contract termination.

**54. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY**

**EXCLUSION:** The contractor agrees to comply with Executive Order 12549 "Debarment and Suspension" and 2 CFR 180 "OMB Guidelines to Agencies on Government wide Debarment and Suspension." These rules require all contractors using federal funds not be debarred or suspended from doing business with the Federal Government. This includes sub-recipients and lower tier participant for covered transactions. Signing and submitting this document certified the organization and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency, and further have not within the preceding three-year period been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction.

**THE CITY OF NAPLES IS AN EQUAL OPPORTUNITY EMPLOYER**

## GENERAL INSURANCE REQUIREMENTS

The Contractor shall not commence work until he has obtained all the insurance required under this heading, and until such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work until all similar insurance required of the subcontractor has also been obtained and approved by the Owner.

Certificates of insurance must be issued by an authorized representative of the insurance company at the request and direction of the policyholder and must include sufficient information so as to identify the coverage and the contract for Owner's improvements for which they are issued. Certificates of insurance must be issued by a nationally recognized insurance company with a Best's Rating of no less than B+VII, satisfactory to the Owner, and duly licensed to do business in the state of said Contract.

The Contractor shall procure and maintain, during the life of this Contract, Workmen's Compensation Insurance for all of his employees to be engaged in work under this Contract, and he shall require any subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees to be engaged in such work, unless such employees are covered by the protection afforded by the Contractor's insurance. In case any employees are to be engaged in hazardous work under this Contract, and are not protected under this Workmen's Compensation statute, the Contractor shall provide, and shall cause each subcontractor to provide, adequate coverage for the protection of such employees. It is acceptable to use a State-approved Workmen's Compensation Self-Insurance fund.

The Contractor shall take out and maintain during the life of this Contract, Public Liability and Property Damage and shall include Contractual Liability, Personal Injury, Libel, Slander, False Arrest, Malicious Prosecution, Wrongful Entry or Eviction, Broad Form Property Damage, Products, Completed Operations and XCU Coverage to be included on an occurrence basis, and to the full extent of the Contract to protect him, the Owner, and any subcontractor performing work covered by this Contract from damages for personal injury, including accidental death, as well as from claims for property damage, which may arise from operations under this contract, whether such operations be by himself or by a subcontractor, or by anyone directly or indirectly employed by either of them. The Contractor shall also maintain automobile liability insurance including "non-owned and hired" coverage. The entire cost of this insurance shall be borne by the Contractor.

The amount of such insurance shall be no less than \$1,000,000 annual aggregate for bodily injury and property damage combined per occurrence.

The City of Naples must be named as Additional Insured on the insurance certificate and the following must also be stated on the certificate. "These coverage's are primary to all other coverage's the City possesses for this contract only." The City of Naples shall be named as the Certificate Holder. The Certificate Holder shall read as follows:

The City of Naples  
735 Eighth Street South  
Naples, Florida 34102

No City Division, Department, or individual name should appear on the Certificate.  
No other format will be acceptable.

The Certificate must state the bid number and title.

When using the "Accord"- 25 Certificate of Insurance only the most current version will be accepted.

The City of Naples requires a copy of a cancellation notice in the event the policy is cancelled. The City of Naples shall be expressly endorsed onto the policy as a cancellation notice recipient.



**STATEMENT OF NO BID**

If you will not be bidding on this product/service, please help us by completing and returning only this page to:

City of Naples, Purchasing Division  
City Hall, 735 8<sup>th</sup> Street South  
Naples, FL 34102  
Fax 239-213-7105

Bid # \_\_\_\_\_ and Description: \_\_\_\_\_

We, the undersigned, decline to bid on the above project for the following reason(s):

- \_\_\_\_\_ We are not able to respond to the Invitation to Bid or Request for Proposals by the specified deadline.
- \_\_\_\_\_ Our Company does not offer this product or service.
- \_\_\_\_\_ Our current work schedule will not permit us to perform the required services.
- \_\_\_\_\_ Specifications are incomplete or information is unclear (Please explain below).

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Other (Please specify below)  
\_\_\_\_\_  
\_\_\_\_\_

Company Name \_\_\_\_\_ PH \_\_\_\_\_

Name and Title of individual completing this form:

\_\_\_\_\_  
(Printed Name) (Title)

\_\_\_\_\_  
(Signature) (Date)

**REFERENCES**

**THIS SHEET MUST BE COMPLETED AND RETURNED WITH BID**

**PROVIDE AT LEAST THREE REFERENCES FOR WHOM YOUR COMPANY HAS PROVIDED SAME OR SIMILAR SERVICES WITHIN THE LAST 2 YEARS.**

**COMPANY NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**COMPANY NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**COMPANY NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

## SPECIAL CONDITIONS

**A. TERMS OF CONTRACT**

The resulting contract will commence on award and be in effect until completion of the project.

**B. PROHIBITION OF CONTACT**

Under no circumstances should any prospective organization or individual, or anyone acting for or on behalf of a prospective organization or individual, seek to influence or gain the support of any member of the City Council, public official or City staff favorable to the interest of any prospective organization or individual. Likewise, contact with City Council, any public official or city staff against the interests of other prospective organization (s) and or individual(s) is prohibited. Any such activities will result in the exclusion of the prospective organization or individual from consideration by the City.

**C. BID PERFORMANCE & PAYMENT BONDS**

**A Bid Security Bond shall be submitted with the final bid**, if the total bid is greater than \$125,000.00, in an amount equal to at least five percent (5%) of the total amount of the final bid, or the equivalent in the form of a certified check or money order made payable to the City of Naples, Florida. Upon the award of the bid to the successful bidder, both bid performance bond and the payment bond will be required in the amount of one hundred percent (100%) of the price specified in the contract. **Also proof of insurance from the successful bidder is required at the time of award as well.**

**D. QUESTIONS**

Questions regarding this bidder packet must be received in writing in the Purchasing Division, **NO LATER THAN TEN CALENDAR DAYS PRIOR TO THE BID CLOSING DATE TO ENSURE AN ANSWER IS PROVIDED PRIOR TO CLOSING.**

**Direct all questions to:**

[J. F. Workman, CPPO, CPPB](mailto:jworkman@naplesgov.com)

City of Naples, Purchasing Division

735 8<sup>th</sup> Street South

Naples, Florida 34102

PH: (239) 213-7100    FX: (239) 213-7105

[jworkman@naplesgov.com](mailto:jworkman@naplesgov.com)

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## **Vehicle Profile**

## **2010 Ford F-550 Chassis**

**4x2 SD Regular Cab 141" WB DRW XL (F5G)**

### **Powertrain**

Triton 6.8L V-10 SOHC SMPI 30 valve engine \* 157 amp HD alternator \* 650 amp 72 amp hours (Ah) HD battery \* 5-speed electronic automatic transmission with overdrive, lock-up, driver selection \* Rear-wheel drive \* 4.88 axle ratio \* Stainless steel exhaust

### **Steering and Suspension**

Hydraulic power-assist re-circulating ball steering \* 4-wheel disc brakes with front and rear vented discs \* Firm ride suspension \* Mono-beam non-independent front suspension \* Front anti-roll bar \* Front coil springs \* HD front shocks \* Rigid rear axle \* Rear leaf suspension \* Rear anti-roll bar \* HD rear leaf springs \* HD rear shocks \* Front and rear 19.5" x 6.00" argent steel wheels \* LT225/70SR19.5 BSW AS front and rear tires

### **Safety**

4-wheel anti-lock braking system \* Dual airbags, passenger side front-impact cancellable airbag \* Front height adjustable seatbelts \* Security system

### **Comfort and Convenience**

Air conditioning \* AM/FM stereo, clock, seek-scan, 2 speakers, fixed antenna \* Power door locks with 2 stage unlock, keyfob (all doors) keyless entry \* 2 12V DC power outlets, retained accessory power, ashtray, front lighter element(s) location \* Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, transmission fluid temp gauge, engine hour meter, trip computer, trip odometer \* Warning indicators include oil pressure, engine temperature, battery, key, low fuel, door ajar \* Power front windows with light tint, driver 1-touch down \* Variable intermittent front windshield wipers \* Passenger side vanity mirror \* Day-night rearview mirror \* Interior lights include dome light with delay, front reading lights \* Glove box, front cupholder, instrument panel bin, dashboard storage, driver and passenger door bins \* Upfitter switches

### **Seating and Interior**

Seating capacity of 3 \* Bench front seat with fixed head restraints \* 4-way adjustable driver seat \* 4-way adjustable passenger seat \* Vinyl faced front seats with vinyl back material \* Full cloth headliner, full vinyl/rubber floor covering, plastic/rubber gear shift knob, cabback insulator, chrome interior accents

### **Exterior Features**

Side impact beams, front license plate bracket, fully galvanized steel body material \* Black fender flares \* Black side window moldings, black front windshield molding, black rear window molding \* Black door handles \* Black grille \* 2 doors \* Trailer harness \* Driver and passenger power remote black heated convex spotter folding manual extendable trailer outside mirrors with turn signal indicators \* Front black bumper with front tow hooks \* Sealed beam halogen headlamps \* Additional exterior lights include cab clearance lights \* Clearcoat monotone paint

### **Warranty**

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## Vehicle Profile Continued

Prepared For: ALBERT PATTERSON  
Prepared By: GENE BOGER  
Dealership: COUNTRYSIDE FORD

### Warranty (Continued)

Basic .....	36 month/36,000 miles	Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	60 month/unlimited mileage	Roadside Assistance .....	60 month/60,000 miles

### Dimensions and Capacities

Output .....	362 hp @ 4,750 rpm	Torque .....	457 lb.-ft. @ 3,250 rpm
1st gear ratio .....	3.110	2nd gear ratio .....	2.220
3rd gear ratio .....	1.550	4th gear ratio .....	1.000
5th gear ratio .....	0.710	Reverse gear ratio .....	2.880
Curb weight .....	6,381 lbs.	GVWR .....	17,950 lbs.
Front GAWR .....	5,200 lbs.	Rear GAWR Weight .....	13,660 lbs.
Payload .....	11,608 lbs.	Front curb weight .....	3,720 lbs.
Rear curb weight .....	2,661 lbs.	Front axle capacity .....	7,000 lbs.
Rear axle capacity .....	13,660 lbs.	Front spring rating .....	5,200 lbs.
Rear spring rating .....	13,660 lbs.	Front tire/wheel capacity .....	7,500 lbs.
Rear tire/wheel capacity .....	15,000 lbs.	Towing capacity .....	16,000 lbs.
5th-wheel towing capacity .....	18,300 lbs.	Front legroom .....	41.0 "
Front headroom .....	41.4 "	Front hiproom .....	67.6 "
Front shoulder room .....	68.0 "	Passenger area volume .....	66.8 cu.ft.
Length .....	226.0 "	Body width .....	93.6 "
Body height .....	79.6 "	Wheelbase .....	141.0 "
Cab to axle .....	60.0 "	Axle to end of frame .....	47.6 "
Front tread .....	74.8 "	Rear tread .....	74.0 "
Turning radius .....	21.2 '	Fuel tank .....	40.0 gal.

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## Selected Options

## 2010 Ford F-550 Chassis

4x2 SD Regular Cab 141" WB DRW XL (F5G)

### Vehicle Snapshot

**Engine:** 6.8L 3-Valve SOHC EFI Triton V10  
**Transmission:** 5-Speed TorqShift Automatic w/OD  
**Rear Axle Ratio:** 4.88  
**GVWR:** 17,950 lb Payload Package

Code	Description	Class	MSRP
F5G	<b>Base Vehicle Price (F5G)</b>	STD	32,965.00
<b>Packages</b>			
660A	<b>Order Code 660A</b> <i>(99Y) Engine: 6.8L 3-Valve SOHC EFI Triton V10; (44T) Transmission: 5-Speed TorqShift Automatic w/OD : Includes tow/haul mode.; (X48) 4.88 Axle Ratio; (STDGV) GVWR: 17,950 lb Payload Package; (TFB) Tires: 225/70Rx19.5G BSW AS; (64Z) Wheels: 19.5" Argent Painted Steel (6); (V) HD Vinyl Full Bench Seat w/Recline (Auto) : Includes cupholders located in instrument panel.; (587) Radio: AM/FM Stereo : Includes digital clock and 2-speakers.</i>	OPT	N/C
<b>Emissions</b>			
425	<b>50 State Emissions System</b> <i>Standard on all gas engine units. Forced on 6.4L diesel with 63T Engine Idle Shutdown or 63E Engine Idle Shutdown Exemption.</i>	OPT	N/C
<b>Powertrain</b>			
99Y	<b>Engine: 6.8L 3-Valve SOHC EFI Triton V10</b> <i>Torque: 457 ft.lbs. @ 3250 rpm.</i>	INC	Included
44T	<b>Transmission: 5-Speed TorqShift Automatic w/OD</b> <i>Includes tow/haul mode.</i>	INC	Included
X48	<b>4.88 Axle Ratio</b>	INC	Included
STDGV	<b>GVWR: 17,950 lb Payload Package</b>	INC	Included
<b>Wheels &amp; Tires</b>			
TFB	<b>Tires: 225/70Rx19.5G BSW AS</b>	INC	Included
64Z	<b>Wheels: 19.5" Argent Painted Steel (6)</b>	INC	Included

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## Selected Options Continued

Prepared For: ALBERT PATTERSON  
Prepared By: GENE BOGER  
Dealership: COUNTRYSIDE FORD

Code	Description	Class	MSRP
<b>Seats &amp; Seat Trim</b>			
V	<b>HD Vinyl Full Bench Seat w/Recline (Auto)</b> <i>Includes cupholders located in instrument panel.</i>	INC	Included
<b>Other Options</b>			
PAINT	<b>Monotone Paint Application</b>	STD	N/C
141WB	<b>141" Wheelbase/60" Cab to Axle</b>	STD	N/C
90L	<b>Power Equipment Group</b> <i>Accessory Delay; Power Locks : Includes remote keyless entry (key fobs).; Perimeter Anti-Theft Alarm; Power Front Side Windows : Includes driver side 1-touch down.; Manual Telescoping Trailer Tow Mirrors : Includes power heated glass, heated convex spotter mirror and integrated clearance lights/turn signals.</i>	OPT	850.00
62R	<b>Transmission Power Take-Off Provision</b> <i>With 6.8L engine and manual transmission may require exhaust pipe re-routing to fit aftermarket PTO.</i>	OPT	280.00
587	<b>Radio: AM/FM Stereo</b> <i>Includes digital clock and 2-speakers.</i>	INC	Included
<b>Interior Colors For : Primary w/XL</b>			
VS	<b>Medium Stone</b>	OPT	N/C
<b>Primary Colors For : Primary w/XL</b>			
Z1	<b>Oxford White Clearcoat</b>	OPT	N/C
<b>Vehicle Subtotal</b>			<b>\$34,095.00</b>
<b>Fuel Charge</b>			<b>\$0.00</b>
<b>Destination</b>			<b>\$975.00</b>
<b>Vehicle Subtotal (including Destination)</b>			<b>\$35,070.00</b>

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## *Dimensions & Capacities*

## **2010 Ford F-550 Chassis**

**4x2 SD Regular Cab 141" WB DRW XL (F5G)**

**Description** **Value**

### **Dimensions and Capacities**

Output .....	362 hp @ 4,750 rpm
Torque .....	457 lb.-ft. @ 3,250 rpm
1st gear ratio .....	3.110
2nd gear ratio .....	2.220
3rd gear ratio .....	1.550
4th gear ratio .....	1.000
5th gear ratio .....	0.710
Reverse gear ratio .....	2.880
Curb weight .....	6,381 lbs.
GVWR .....	17,950 lbs.
Front GAWR .....	5,200 lbs.
Rear GAWR Weight .....	13,660 lbs.
Payload .....	11,608 lbs.
Front curb weight .....	3,720 lbs.
Rear curb weight .....	2,661 lbs.
Front axle capacity .....	7,000 lbs.
Rear axle capacity .....	13,660 lbs.
Front spring rating .....	5,200 lbs.
Rear spring rating .....	13,660 lbs.
Front tire/wheel capacity .....	7,500 lbs.
Rear tire/wheel capacity .....	15,000 lbs.
Towing capacity .....	16,000 lbs.
5th-wheel towing capacity .....	18,300 lbs.
Front legroom .....	41.0 "
Front headroom .....	41.4 "
Front hiproom .....	67.6 "
Front shoulder room .....	68.0 "
Passenger area volume .....	66.8 cu.ft.
Length .....	226.0 "
Body width .....	93.6 "
Body height .....	79.6 "
Wheelbase .....	141.0 "
Cab to axle .....	60.0 "
Axle to end of frame .....	47.6 "
Front tread .....	74.8 "

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**Dimensions & Capacities Continued**

**Prepared For:** ALBERT PATTERSON  
**Prepared By:** GENE BOGER  
**Dealership:** COUNTRYSIDE FORD

**Description** **Value**

---

**Dimensions and Capacities**

Rear tread ..... 74.0 "  
Turning radius ..... 21.2 '  
Fuel tank ..... 40.0 gal.

---

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## **Warranty**

### **2010 Ford F-550 Chassis**

**4x2 SD Regular Cab 141" WB DRW XL (F5G)**

#### **Description**

#### **Months/Distance**

---

Basic .....	36 month/36,000 miles
Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	60 month/unlimited mileage
Roadside Assistance .....	60 month/60,000 miles

---

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# 2010 Ford F-550 Chassis 4x2 SD Regular Cab 141" WB DRW XL (F5G)

Engine: 6.8L 3-Valve SOHC EFI Triton V10

Transmission: 5-Speed TorqShift Automatic w/OD

Exterior (0 P) Oxford White Clearcoat

Interior (0 I) Medium Stone



## Standard Equipment

Items Featured Below are included at NO EXTRA CHARGE in the Standard Vehicle Price Shown at Right

- Triton 6.8L V-10 SOHC w/SMPI 362hp
- 5 speed automatic trans w/OD
- 4-wheel ABS
- LT225/70R19.5G BSW AS S-rated tires
- Firm suspension
- Air conditioning
- AM/FM stereo
- Variable intermittent wipers
- 19.5" x 6" wheels
- Dual front airbags w/passenger cancel
- Tachometer
- Message center
- Reclining front bench seats
- 226.0" overall length
- Vinyl seats
- 17,950lbs. GVWR
- 5,200lbs. front GAWR
- 13,660lbs. rear GAWR
- 7,000lbs. front axle capacity
- 13,660lbs. rear axle capacity
- 5,200lbs. front spring rating
- 13,660lbs. rear spring rating
- 10.10cu.in. frame section modulus
- 36,000 frame yield strength (psi)
- 141.0" wheelbase
- 60.0" cab to axle
- 47.6" axle to end of frame

## STANDARD VEHICLE PRICE

**\$32,965.00**

### OPTIONAL EQUIPMENT

Order Code 660A	N/C
50 State Emissions System	N/C
Engine: 6.8L 3-Valve SOHC EFI Triton V10	INC
Transmission: 5-Speed TorqShift Automatic w/OD	INC
4.88 Axle Ratio	INC
GVWR: 17,950 lb Payload Package	INC
Tires: 225/70Rx19.5G BSW AS	INC
Wheels: 19.5" Argent Painted Steel (6)	INC
HD Vinyl Full Bench Seat w/Recline (Auto)	INC
141" Wheelbase/60" Cab to Axle	STD
Power Equipment Group	\$850.00
Transmission Power Take-Off Provision	\$280.00
Radio: AM/FM Stereo	INC
Interior : Medium Stone	N/C
Primary : Oxford White Clearcoat	N/C

CITY MPG  
N/A



HIGHWAY MPG  
N/A

Accessories and Incentives \$0.00

**SUBTOTAL \$34,095.00**

Destination \$975.00

**TOTAL \$35,070.00**

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## Performance Tests

## 2010 Ford F-550 Chassis

4x2 SD Regular Cab 141" WB DRW XL (F5G)

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.

### Performance Start Tests

Start grade capability in gear 1  
 Start grade capability in reverse

### Calculated

21.7 %  
 20.1 %

### Desired

15.0 %  
 15.0 %

### Performance Grade Tests

Maximum grade in gear 2  
 Maximum grade in gear 3  
 Maximum grade in gear 4  
 Maximum grade in gear 5

### Calculated

16.7 %  
 11.6 %  
 7.5 %  
 5.3 %

### Desired

3.0 %  
 3.0 %  
 3.0 %  
 3.0 %

### Performance Speed Tests

Given your requirement to go 75 mph, you need a maximum axle ratio of 9.93.  
 Given your requirement to go 55 mph at a grade of 3.0%, you need a minimum of 120 hp.  
 The calculated cruise speed is 62 mph, your desired cruise speed is 60 mph.  
 The engine RPM at 60 mph cruise speed is 2,242 rpm

### Performance Tests Variables in Use

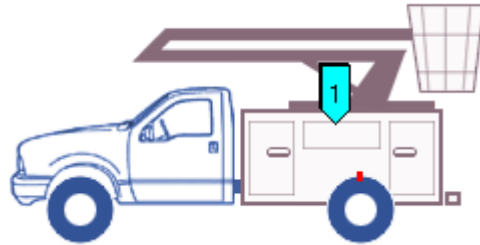
Rear axle ratio:	4.88	Worst road surface	Typical Highway
Gear 1 ratio:	3.11	Final Drive Ratio:	0.71
Gear reverse ratio:	2.88	Rear axle ratio:	4.88
Tire size:	225/70R19.5 (647rev/mile)	Drag Coefficient	0.80
Gross vehicle weight (GVW):	17,950 lbs		
Clutch engagement torque:	228 ft.lbs.		
Torque conversion ratio:	1.9		
Gear 2 ratio:	2.22		
Gear 3 ratio:	1.55		
Gear 4 ratio:	1.00		
Gear 5 ratio:	0.71		
Peak engine torque:	457 ft.lbs.		
Engine Power:	362 hp @ 4,750 rpm		
Governed RPM:	5,700 rpm		
Frontal Area:	45.9 Sq.Ft.		
Cruising RPM	2,300 rpm		

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**Performance Weight Tests**

<b>Variables</b>	<b>Front Axle</b>	<b>Rear Axle</b>	<b>Totals</b>
Chassis	3,710 lbs	2,659 lbs	6,369 lbs
Body	0 lbs	0 lbs	0 lbs
Occupants	300 lbs	150 lbs	450 lbs
Fuel	0 lbs	0 lbs	0 lbs
1 Max. Payload	1,100 lbs	10,031 lbs	11,131 lbs
<b>TOTAL</b>	<b>5,110 lbs</b>	<b>12,840 lbs</b>	<b>17,950 lbs</b>

**Weights**



<b>Ratings</b>	<b>Front Axle</b>	<b>Rear Axle</b>	<b>GVWR</b>
GAWR	5,200 lbs	13,660 lbs	17,950 lbs
Wheels/Tires	7,500 lbs	15,000 lbs	
Suspension	5,200 lbs	13,660 lbs	
Axle	7,000 lbs	13,660 lbs	
Legal Limit	7,000 lbs	13,660 lbs	

**Weight Summary**

	<b>Calculated</b>	<b>GAWR</b>	<b>Legal Limits</b>
Front axle load is	5,110 lbs	5,200 lbs	7,000 lbs
Rear axle load is	12,840 lbs	13,660 lbs	13,660 lbs

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. Reference CT05208492 9/1/2009

## **GENERAL SPECIFICATIONS**

### **ATR -41-I SIGNALIER**

This section describes each of the ATR-41-I major (standard) components.

**PLATFORM** – 42" X 66" Aluminum Platform with 24" door. Constructed of 1 ½" aluminum pipe schedule 40 bent at 6" radius for corner strength. Floor is aluminum diamond plate 3/16" with 4" kick plate. Mounting Plate to Rotation Motor using 12 Bolts Grade 8 with Torque Strips. Mounting Plate to be made of Core Ten 1/2" thick. Wide Bracket Mounting on Platform offset mounting on Platform for Stability in operations, 2 Braces on side of Boom Tip Pin to support side movement of Platform. Continuous upper rails on Platform, 30" door for access to Platform. Rubber Bumper mounted to Platform.

**PERSONNEL RESTRAINT SYSTEM** – A safety belt or harness and a lanyard are provided. The anchor for the lanyard is attached to the upper platform support.

**INDIVIDUAL LOWER CONTROLS** – Individual full-pressured controls at the turret actuate all boom functions. An emergency stop and a tool selector control are located at the upper controls. The lower control station is equipped with a selector valve to override the upper controls. Lower controls are internally mounted in turret for protection.

**SINGLE STICK UPPER CONTROL** – The full-pressure single-stick upper control includes a safety trigger to prevent inadvertent operation. The lift movements correspond with control handle movements.

**HYDRAULIC PLATFORM ROTATOR** – A hydraulic platform rotator model HELAC L10-5.5-E-RF180S10H, operated by a control lever, rotates the platform 180 degrees from one side of the outer/inner boom assembly, across the end-hung position, to the other side of the outer/inner boom assembly.

**HYDRAULIC PLATFORM LEVELING** – All leveling arms must be internal of Boom/NOT OUTSIDE. A master and slave cylinder controls platform leveling. The leveling system can be operated from the upper controls to adjust platform leveling, tilt the platform.

**OUTER/INNER BOOM ASSEMBLY** – Compensation links must be located inside the boom for protection. The outer/inner boom assembly includes an outer boom, telescopic inner boom, extension system, and hose assemblies. The outer boom consists of an 8 in. x 10 in. (203 mm x 254 mm) rectangular steel section and a 9 in. x 11 in. (229 mm x 279 mm) fiberglass section (Electrogard) to maintain a 38 in. (0.97 m) insulation gap with the inner boom is fully retracted. The 6-7/8 in. x 8-7/8 in. (165 mm x 216 mm) rectangular fiberglass inner boom is housed within the outer boom. The inner boom can be easily removed and disassembled for service and inspection. The extension system consists of a hydraulic cylinder, two integral holding valves, and dual #50 roller chains housed entirely within the boom assembly. The hoses routed through the outer/inner boom assembly are fully contained within the boom assembly.

**Main boom strapped for extra strength to prevent bell mouth in long term use with 1/2" x 2" weld to boom.**

The outer/inner boom assembly articulates from 25 degrees below horizontal to 85 degrees above horizontal. Actuated by a double acting cylinder that has two, integral holding valves, the outer/inner boom assembly is offset to one side to provide easy access to the platform. A boom support cradle and a boom tie down strap are included.

**LOWER BOOM** – Compensation links must be located inside the boom for protection. Each end of a high strength fiberglass insert (chassis insulating system) is installed over a rectangular 8 in. x 10 in. (203 mm x 254 mm) high strength steel section. The steel maintains the 12 in. (305 mm) insulation gap in all the boom positions. The double acting cylinder, with an integral holding valve, allows the lower boom to articulate from horizontal to 80 degrees above horizontal. The lower boom encloses a parallelogram linkage to maintain the knuckle at a constant angle to the turret.

**CYLINDERS** – Both the upper and lower cylinders are a threaded head-cap design. The upper cylinder is equipped with two integral holding valves that prevent down creep and to lock the booms in position in the event of hose failure. The lower cylinder is equipped with one integral holding valve.

Page 2 (cont.)



**TURRET** – The turret wings are designed for strength and rigidity. The bearing cover is continuously welded to seal out moisture and prevent foreign materials from obstructing the turret rotation. The turret plate is machined to provide a flat surface to support the rotation bearing.

**CONTINUOUS ROTATION** – Unrestricted rotation is accomplished by a hydraulically driven worm and spur gear with a shear ball rotation bearing. The critical bolts holding the lift to the rotation bearing and the rotation bearing to the pedestal are hex head cap screws. These critical bolts are torque seal marked to provide a quick means of detecting any turning of the bolt upon inspection. The eccentric ring backlash adjustment (gearbox pinion adjustment) is described in the “Adjustment” Section of the Service Manual. Also refer to drawing in the “Adjustment” section to set gear backlash.

**LUBRICATION** – Non-lube bearings are used at most points of motion. The rotation bearing and extension chain require periodic lubrication.

**PEDESTAL** – The pedestal is tubular with reinforced mounting plate. The top plate of the pedestal is 1-1/4 in. (32 mm) thick and machined flat to support the rotation bearing.

**HYDRAULIC OIL RESERVOIR** – A 17 gallon (64.41) hydraulic oil reservoir is built integral to the pedestal. The reservoir includes anti-splash baffles and two sight gauges for quick hydraulic fluid level checks.

**HYDRAULIC SYSTEM** – The open-center hydraulic operates at 2700 psi (176 kg/cm<sup>2</sup>) at 6 gpm (22.7 lpm). A 10-micron return line filter, mounted above the hydraulic oil level and inside the pedestal, can be easily changed without draining the reservoir. The 100 mesh (149 micron) suction strainer in the reservoir can be removed for cleaning. A gate valve, located below the reservoir, prevents oil loss when the pump is serviced. A magnetic drain plug attracts metal particles from the oil.

**PAINT** – The complete unit is primed and painted prior to assembly. Safety yellow or Bell white enamel paint is standard.

**HOSES AND FITTINGS** – The hoses routed through the booms are high pressure and nonconductive with swaged hose end fittings. Retainers separate the hoses inside the booms to prevent chafing and nylon sleeves are installed over hoses at points of movement. Reusable fittings can be installed if a hose is damaged.

**MASTER CONTROL** – The master control energizes the upper and lower control circuits, including engine start/stop and optional two-speed throttle control.

**ENGINE START/STOP** – The start/stop circuit has been designed so the lift cannot be operated unless the truck ignition switch is in the “RUN” position and the master control is activated. This feature makes it difficult for unauthorized individuals to operate the lift when the truck is locked. An air cylinder at the upper controls and a toggle switch at the pedestal energize this system.

**HYDRAULIC TOOL CIRCUIT AT THE PLATFORM** – This system uses open center hydraulic

tools. The tool circuit provides 6 gpm at 2700 psi.

**ELECTRICAL INSULATION SPECIFICATIONS** – The outer/inner boom assembly is tested and certified for electrical work at 46 KV and below in accordance with ANSI A92.2 – 1990 requirements. The outer/inner boom assembly is fully insulated even in a retracted position. The chassis insulating system (lower boom insert) is also tested according to ANSI A92.2 – 1990.

**MANUALS** – Two operator’s manuals and two service manuals are included with each aerial lift.

**INDEPENDENT OUTRIGGERS** – A-frame outriggers are shear-plate mounted to the frame and are equipped with pilot operated check valves, internal thermal relief valves, and separate controls.

At maximum extension, the outriggers furnish 96-in. (3.05 m) of spread and 9 in. (229 mm) of penetration. They have 17 in. (432 mm) of ground clearance based on 36-in. (0.91 m) or 31 in. (0.79 m) frame height.

**PIVOTING OUTRIGGER FEET** – Pivoting outrigger feet swivel 12 degree angle about a horizontal centerline.

**OUTRIGGER/BOOM INTERLOCK SYSTEM (optional)** – The outrigger/boom interlock system prevents lift operation until the outriggers contact the ground and outrigger retraction before the aerial lift is properly stored.

**EMERGENCY POWER (standard)** – The emergency hydraulic pump is driven by a DC motor, which is powered by the truck-engine battery. The system is connected in parallel with the main pump and is designed for non-continuous operation. An air cylinder at the upper controls and a toggle switch at the pedestal are used to energize the system.

**SET OF TOOL POWER PORTS (standard)** – A set of power ports are installed at the platform to accommodate an open center tool.

**TOOL POWER AT THE GROUND CONTROLS (optional)** – The hydraulic tools must be open-center and operate satisfactorily at 2500 psi (176 kg/cm<sup>2</sup>) and 6 gpm (22.7 lpm).

**LEVELING CONTROL AT THE TURRET** – A valve section is added to the lower control station for platform leveling. In addition to the control at the platform, the leveling control at the turret can be activated to tilt the platform for cleanout or to ease the removal of an injured operator.

**BODY** – Standard recommended 9’ service body with a 4’ rear floor extension. Aluminum tread plate on top of compartments and standard shelving. Access step at rear.

**ATR-41-I SIGNALIER**

**DIMENSIONAL SPECIFICATIONS**

**GENERAL SPECIFICATIONS -      Based on 36 in (0.91 m) Frame Height**

**Horizontal**

**Reach.....32 ft.**

**Standard Platform**

**Capacity.....600 lbs.**

**Standard Pedestal**

**Height to Bottom of Platform.....36 ft**

**Working Height.....41 ft**

**Stowed Travel Height.....under 9 ft 10  
in (3.00m)**

**Weight of Lift.....3,500 lbs.  
(1590 kg)**

**Hydraulic System**

**Operating Pressure.....2700 psi**

Flow Rate.....6 gpm  
Filtration.....10 micron  
**Return**  
.....100 mesh  
**Suction**  
System Type.....Open  
**Center**  
Power Source.....PTO Pump or Clutch  
**Pump**

**ATR-41-I SIGNALIER**

**VEHICLE SPECIFICATIONS**

**Recommended Cab to Rear Axle Dimension.....60  
in.(1.52 m)**

**Frame Section Modulus.....10.1  
in<sup>3</sup> (166 cm<sup>3</sup>)**

**Frame Resisting Bending  
Moment.....727,200 in-lbs.(82165N/m)**

**With Outriggers:**

**Axle Ratings Recommended Minimum**

**GVWR.....19,000 lbs.**

**GAWR (Front).....7,000 lbs.**

**GAWR (Rear).....13,500 lbs.**

**Approximate Weight for Stability..... 11,500 lbs.**

**Notes:** Actual GVWR and GAWR's should be based on the weight and weight distribution of the chassis, body, lift, ballast (if required), accessories, and the desired payload.

Curb weight of the unit will vary based on rated platform capacity, mounting configuration, frame stiffness, and stability test requirements.

**\*\*Platform lift must have been in use for at least 2 years -- No prototypes accepted.**

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## **TRUCK SPECIFICATIONS**

### **1. General**

**1.1** All unit(s) bid must meet or exceed the minimum requirements or they will be deemed incomplete and will not be considered for bid award.

**1.2** All specifications written are to **minimums**, unless otherwise noted.

### **2. Manufacturer/Model**

**2.1** Unit(s) bide must be new standard production model as offered for commercial trade.

### **3. Item 1 - Cab and Chassis-**

#### **3.1 Engine:**

- a. Eight (8) cylinder turbo-charged diesel
- b. 350 horsepower
- c. 650 ft. lbs. of torque
- d. 110 VAC engine block heater with exterior plug mounted in or near front bumper.

### **3.2 Transmission/Drive train:**

- a. Five (5) speed electronic automatic
- b. Heavy duty transmission oil to water cooler
- c. PTO capable

### **3.3 Steering:**

- a. Hydraulic power steering
- b. Standard steering wheel

### **3.4 Brakes**

- a. Hydraulic anti-lock brakes
- b. Trailer tow package with electric brake controller. Controller shall be factory integrated.

### **3.5 Front Axle & Suspension**

- a. 7,000# capacity rating front axle (4x2)
- b. 7,000# leaf spring suspension
- c. Heavy-duty double acting shock absorbers

### **3.6 Rear Axle & Suspension**



- a. Limited slip rear axle with a minimum 13,500# capacity rating.
- b. 13,500# rated leaf spring type suspension with auxiliary
- c. Dual rear wheels
- d. 4.88 Axle Ratio

### **3.7 Gross Vehicle Weight Rating**

- a. 19,000#

### **3.8 Wheels/Tires**

- a. 8-hole steel disc wheels (6)
- b. Front - LT225/70Rx19.5 LR Tires to meet the rate weight of the vehicle fully loaded. Standard tread tubeless steel belted radials.
- c. Rear - LT225/70Rx19.5 LR Tires to meet the rate weight rating of the vehicle fully loaded. Max Traction tread tubeless steel belted radials. (4)

### **3.9 Electrical System**

- a. 12 volt, 120 amp alternator
- b. Two (2) 12volt sealed maintenance free batteries
- c. Engine oil pressure gauge
- d. Coolant temperature gauge
- e. Fuel level gauge
- f. MPH speedometer
- g. Mileage odometer
- h. Variable speed windshield wipers with electric washer pump and reservoir

- i. Lighting to comply with all state and federal regulations
- j. Trailer tow receptacle wired to color code
- k. Four factory installed up fitter accessory switches shall be provided
- l. 80 dba backup alarm

### **3.10 Cab**

- a. Conventional type cab
- b. Two full width cab doors
- c. Adjustable front split bench seat with vinyl cover - individual adjustment for driver and passengers
- d. Seat belts for three (3) passengers
- e. Full vinyl/rubber floor covering
- f. Factory installed air conditioner, heater and defroster
- g. Dual trailer tow outside rear view mirrors
- h. Tinted glass
- i. Light Bar Type Ecco EC15-00036

### **3.11 Frame**

- a. Steel channel frame rails painted black enamel
- b. Cab to Axle (CA) of 60"
- c. Painted steel front bumper
- d. Minimum two (2) front tow eyes fully braced to the chassis frame.

e. Trailer Hitch Receiver/Pindle hook combo type, removable with two inch ball.  
Two safety chain D ring hooks.

### **3.12 Fuel Tank**

- a. Minimum Forty (40) gallon fuel tank
- b. Rear tank skid plate

### **3.13 Paint**

- a. Standard trim - painted white
- b. Gray interior color

The City of Naples is soliciting bids for a used lift truck with a platform lift capable of hoisting 600 lbs.

The lift mechanism shall have a 2-year warranty from the date of purchase.

The truck mileage shall be no greater than 20,000 miles and have a 3-year/30,000 mile bumper to bumper warranty and a 5-year/50,000 mile drive train warranty.

The truck and lift mechanism must meet or exceed the specifications included in this bid solicitation or qualify as equivalent.

The low bid will be subject to a bumper to bumper inspection prior to purchase.

**LIFT TRUCK**  
**BID PAGE**

For this bid the City will accept equipment that is used or has been used as demonstration equipment. The City may request all repair and service records for the vehicle bid. The City reserves the right to inspect the vehicle prior to purchase. Furnish complete specifications if bidding other than specified.

MAKE AND MODEL OF VEHICLE

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PRICE \_\_\_\_\_