



July 23, 2010

To Whom It May Concern:

The City of Dover will receive sealed bids on August 11, 2010 at 2:00 p.m. local time for the purchase of a **22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY AND CHASSIS, BID NUMBER 11-0005DPS.** The bid must be submitted with one original and two copies.

Late Bids – A bid received after the closing date and time for receipt of the bids is late and shall not be considered. It is the responsibility of the bidder to ensure that the bid is received prior to the closing date and time.

All vendors must complete the Invitation to Bid notice and fax it to (302) 736-7178 if they intend to bid. Any vendor not returning the form may not receive published addenda.

Your proposal is not revocable for ninety (90) days following the response deadline indicated above.

If you have questions concerning this bid, they may be addressed to the Department of Public Works at (302) 736-7025.

All copies of any bids/proposals submitted in response to this request shall be considered the property of the City of Dover and shall not be returned to the bidder.

Conflict of Interest Clause:

Pursuant to Dover Code, Chapter 30, Section 30-33, No city employee or official may participate on behalf of the city in the review or disposition of any matter pending before the city in which he has a personal or private interest. No city employee or official shall benefit from any contract with the city, nor solicit any contract, and shall not enter into any contract with the city (other than an employment contract). No person who has served as a city employee or official shall represent or otherwise assist any private enterprise on any matter involving the city, for a period of two years after termination of his employment or elected or appointed status with the city, if he gave an opinion, conducted an investigation or otherwise was directly and materially responsible for such matter in the course of his official duties as a city employee or official. All parties hereto declare and affirm that no officer, member, or employee of the City, and no member of its governing body, and no other public official of the City who exercises any functions

or responsibilities in the review or approval of the undertaking described in this contract, or the performing of services pursuant to this contract, shall participate in any decision relating to this contract which affects his or her personal interest, or any corporation, partnership, or association in which he or she is directly or indirectly interested; nor shall any employee of the City, nor any member of its governing body, have any interest, direct or indirect, in this contract or the proceeds thereof.

Bids will be opened publicly at the time and place designated in this letter. The main purpose of the bid opening is to reveal the name(s) of the bidder(s), not to serve as a forum for determining the low bidder(s).

The contract shall be awarded within 90 days of the closing date to the bidder who is determined in writing to be most advantageous to the City. All prices must be held firm for a minimum of 90 days from the date of the bid opening. The bids, summaries, and tabulations shall not be open for public inspection until after receipt of a fully executed contract.

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The contract shall be awarded within 90 days of the closing date to the bidder who is determined in writing to be most advantageous to the City. All prices must be held firm for a minimum of 90 days from the date of the bid opening. The bids, summaries, and tabulations shall not be open for public inspection until after receipt of a fully executed contract.

The City of Dover reserves the right to waive technicalities, to reject any or all bids, or any portion thereof, to advertise for new proposals, to proceed to do the work otherwise, or to abandon the work, if in the best interest of the City.

All bids are to be received by the Central Services Department, 710 William Street, Dover, DE, 19904 no later than the 2:00 p.m. bid opening. All bids will be opened in the presence of the Procurement Manager or his/her designee. All bids shall become public record and shall be available for public inspection after it has been determined that there is no proprietary information contained within the bids. Any and all proprietary information contained within the proposal must be clearly marked. The cover must indicate that the proposal contains such information. **Copies** of the proposals will not be provided to competing vendors.

Minority vendor preference shall be three percent (3%) of the value of the award. **The vendor must identify qualification and claim to the preference on the submitted documents.** The vendor must provide authoritative proof of qualification for this preference such as identification in the certification directory maintained by the State of Delaware, Department of Administrative Services, Office of Minority and Women

Business Enterprises. This preference is to be considered as stand-alone and cannot be added to any other preference that may be allowed.

Local vendor preference shall be considered for materials, equipment, construction contracts, and utility contracts. Local vendor preference shall be three percent (3%) of the value of the award. The term local vendor is defined as a gradually increasing range with preference assigned as follows:

Rule 1: Vendor located within the city limits of the City of Dover.

Rule 2: Vendor located within Kent County, Delaware (applicable only if no vendor qualifies under rule 1)

Rule 3: Vendor located within the State of Delaware (applicable only if no vendor qualifies under rules 1 & 2)

In the event that no vendor qualifies under rules 1, 2, or 3, no local vendor preference will be awarded. **The vendor must identify qualification and claim to the preference on the submitted documents.** This preference is to be considered as stand-alone and cannot be added to any other preference that may be allowed.

A bid bond or certified check in the amount equivalent to ten percent (10%) of the bid amount shall be required with each submission.

In the event the contractor does not fulfill its obligations under the terms and conditions of this contract, the City of Dover may contract for an equivalent product on the open market. Any difference in cost between the contract prices herein and the price of open market product shall be the responsibility of the contractor. Under no circumstances shall monies be due the contractor in the event open market products can be obtained below contract cost. Any monies charged to the contractor may be deducted from an open invoice.

Neither the contractor nor the City of Dover shall be held liable for non-performance under the terms and conditions of this contract due, but not limited to, government restriction, strike, flood, fire, or unforeseen catastrophe beyond either party's control. Each party shall notify the other in writing of any situation that may prevent performance under the terms and conditions of this contract.

Vendors must provide references to the City of Dover upon request. Vendor references may be checked to verify their ability to perform the contract requirements, the quality of work and the ability to meet obligations.

ENVELOPES MUST BE MARKED "AUTOMATED REFUSE TRUCK, BID NUMBER 11-0005DPS BID OPENING AUGUST 11, 2010, 2:00 P.M." No faxed bid will be accepted. Bids may be submitted electronically by email to the Procurement Manager using the email address bids@dover.de.us The computerized date/time indication on the electronic submission will be the sole determination of receipt. **All electronic bids submitted by email must reference the bid number (11-0005DPS) in the subject line of the submission or they will not be considered.** Failure to comply

with the above format *may* result in disqualification of your bid. Submission of an electronic bid does not eliminate the requirement for a bid bond.

The City of Dover shall have the right to reject any or all bids if deemed to be in the best interest of the City, such as but not limited to local vendor preference and minority vendor preference while awarding bids.

Sincerely,

Peter K. Gregg
Contract and Procurement Manager
(302) 736-7795
Fax (302) 736-7178
pgregg@dover.de.us
www.cityofdover.com



INVITATION TO BID NOTICE

Bid Number: 11-0005DPS

Bid Opening: August 11, 2010, 2:00 p.m.

Description: 22 Cubic Yard Automated Side Loading Refuse Collection Body and Chassis

If you are interested in the invitation to bid described above, you can download it in Adobe PDF format from our web site <http://www.cityofdover.com/>. Any amendments of other additional information related to this solicitation will be posted with the original document on the web site.

If you do not have internet access and want to receive this request for proposal, all subsequent amendments, or additional information on the bid package, please provide the requested information to:

The City of Dover
 Central Services Department
 710 William Street
 Dover, DE 19904
 Fax: (302) 736-7178, attention Peter Gregg
 Phone: (302) 736-7795
 e-mail: pgregg@dover de us

Please complete the following and return this form to Central Services:

Company:	Vendor Response /Request
Address	No bid at this time, please retain on bid list
	Please send complete Bid/RFP package
Contact:	I will download the Bid/RFP package
Phone	I intend to bid
Fax	I do not intend to bid
e-mail for ITB/RFP	Other:

CONTRACT DOCUMENTS AND SPECIFICATIONS
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS

CONTRACT #2011-03
BID # 11-0005DPS

JULY 2010

CITY OF DOVER
PUBLIC SERVICES DEPARTMENT
P. O. BOX 475
DOVER, DE 19903

ager

CITY OF DOVER
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS
CONTRACT #2011-03

INSTRUCTIONS TO BIDDERS

1. CONTRACT DOCUMENTS

Contract Documents may be examined and obtained from Mr. Peter K Gregg, Contract and Procurement Manager, City Warehouse, 710 William Street, Dover, DE 19904.

2. PREPARATION OF BIDS

- A. Each bid must be prepared upon the blank unaltered proposal form included in the Contract Documents. Bidders shall state the proposed price for the item both in words and in figures, which shall be typed or written in ink. In the event of disagreement, the amount expressed in words shall govern. Bids shall be signed by the bidder with his/her business address and name of Corporation, followed by name of the state of incorporation and legal signature of an officer authorized to sign contract for the corporation. Bids shall be signed with name typed below the signature.
- B. If the Bid is signed by a person other than an officer of the Company there must be attached to the Bid a certified copy of a resolution by the Board of Directors of the Bidding Corporation authorizing such person to sign the Bid on Behalf of the Corporation.

3. BID SECURITY

- A. Each bid must be accompanied by bid security in the form of a Bid Bond (on the form included herein) or a certified check in the amount of 10% of the Bid. Bid security shall be made payable to the Owner, addressed as defined in the Bid Form. The Bid Bond Form must be executed by a Surety licensed to conduct business in the State where the work is located.
- B. Such checks or bonds will be returned to all except the three lowest bidders, within ten (10) days after the bid opening. The checks (or bond if requested) of such three bidders will be returned within five (5) days after the successful Contractor and Owner have executed the Contract, or one hundred five days after the bid opening, whichever is shorter.
- C. If any bidder refuses to enter into a Contract, the Owner will retain his/her Bid Security as liquidated damages, but not as a penalty. The Bid Security is to be submitted with the submission of Bids.

4. BONDS

- A. Each Bidder must accompany his/her Bid with a signed certificate from a surety company acceptable to the Owner and authorized to transact business in the State where the work is located. The Bond shall be prepared on the forms attached hereto and will be furnished with the sealed bid.

5. BID SUBMISSION

Each bid must be submitted in a sealed envelope addressed to the:

Mr. Peter K. Gregg
Contract and Procurement Manager
City Warehouse
710 William Street
Dover, DE 19904

bearing on the outside the Bidder's name and address, the name of the project for which the bid is submitted, and the name and number of Contract(s) for which the bid is submitted. Envelope shall also bear notation to indicate the Addenda received by number and date received. All addenda issued shall become a part of the Contract Documents. Failure of any Bidder to receive any Addenda shall not relieve such Bidder from any obligation under this proposal as submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope as stipulated above for Bids, and noting that a sealed bid is enclosed. Mailed Bids must be received by Owner before hour specified or will not be considered.

6. WITHDRAWAL OF BIDS

- A. The attention of Bidders is directed to the fact that in submitting his/her Proposal, the Bidder agrees, except as noted below, that he/she will not withdraw it within ninety (90) consecutive calendar days after the actual date of the opening of bids.
- B. Upon proper request and identification, bids may be withdrawn as follows:
 - 1. At any time prior to the designated time for the opening bids.
 - 2. Provided the Bid has not been accepted by the Owner, at any time subsequent to the expiration of the period during which the Bidder has agreed not to withdraw his/her Bid.
- C. Unless a Proposal is formally withdrawn, it shall be deemed open for acceptance until the Contract Agreement has been executed by both parties thereto or until the Owner manifests that he/she does not intend to accept the Proposal. Notice of acceptance of a Proposal shall not constitute rejection of any other Proposal.

7. DELIVERY POINT

The delivery point is Dover, Delaware

8. AWARD OF CONTRACTS

Award will be made to the lowest responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements, delivery terms and guarantee classes shall be taken into consideration.

The purchaser reserves the right to reject any or all bids, to waive any informality in bids, to accept in whole or in part such bid or bids as may be deemed in the best interest of the City of Dover.

Award of contract will be made within ninety (90) calendar days from bid opening.

CITY OF DOVER
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS

CONTRACT #2011-03

GENERAL CONDITIONS

1. GENERAL

The purpose of this specification is to describe a complete Automated Refuse Collection System for use in a City Collection Program. The system to include the following:

- A. Chassis, equipped per description, fully load capable and rated for the automated unit to be supplied.
- B. Automated Refuse Collection System that will include a 22 cubic yard body, continuous peek platen, tilt dump and side load lift arm system to be factory mounted on the above chassis.

2. WARRANTY

To assure delivery of a durable and reliable system, all the warranties on system components are to be manufacturer direct, certified by the manufacturer via a Statement of Warranty and Agreement to same, signed and sealed by an officer of same.

3. CONSIDERATION

To assure delivery of a fully integrated and operational system, one that preserves the integrity, criteria and goals of the program, only Bids received on a complete system, all components to be included, will be considered.

4. EVALUATION

Evaluation of Bids on the collection program and the award will be based on, but not limited to, price, responsiveness to City specifications, delivery, past performance of vendors in the supply of automated installations, warranty and the local availability of parts and service.

- 5. Prices quoted shall not include federal or state taxes, if any are applicable. Successful bidder will be required to furnish necessary or applicable tax exemption forms with their invoices. The price quoted is that for which the new equipment will be furnished F.O.B. point of delivery, and include all charges that may be imposed during the life of the contract.

6. The unit offered under this advertisement shall be a refuse collection body equipped with a mechanical lifting device capable of handling 60 through 300 gallon refuse containers. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and dumping the load by means of hydraulically hoisting the body.
7. All equipment furnished under this contract shall be new, unused and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish complete until ready for use, shall also be included. Unit shall conform to the best practice known to the body trade in design, quality of material and workmanship. Assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as specified in this invitation to bid. The equipment furnished shall conform to ANSI Safety Standard Z245.1-2007.
8. Bidder shall state his normal warranty **and extended warranty where available.**
9. The successful vendor shall demonstrate the operations of the equipment upon request before being acceptable by the City of Dover. Total operation and performance must be acceptable to the City of Dover Public Services Manager and the Contract and Procurement Manager before invoices can be processed for payment.
10. Bidder shall furnish complete parts, maintenance, and operator's manual and diagnostic disk with each body sold.
11. There shall be no dealer identification attached to the equipment.
12. Bidders shall list on a separate attachment any variations from, or exceptions to, the conditions and specifications of the bid. This attachment shall be labeled "Exceptions(s) to Bid Conditions and Specifications", and shall be attached to the bid.

CITY OF DOVER
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS

CONTRACT #2011-03

SPECIAL CONDITIONS

1. This Contract contemplates the purchase of this equipment under a Lump Sum Agreement.
2. Unit proposed must comply with applicable Federal, State, Department of Transportation and O.S.H.A. regulations.

CITY OF DOVER
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS

CONTRACT #2011-03

NEW & UNUSED 2011 MODEL
42,000 GVW MINIMUM
OR APPROVED EQUAL

INSTRUCTIONS: Bidders are to fill out this form completely, noting any and all discrepancies. If a clause is met exactly, so state. If an OR EQUAL and/or EXCEPTION is being proposed, mark an EXCEPTION for that item and state specifically on the EXCEPTION SHEET what is being offered. Manufacturers' brochures WILL NOT suffice.

GENERAL: It is the intent of these specifications to describe a chassis and cab combination with a minimum GVW of 42,000 lbs., fully equipped and road ready, easily capable of transporting over the road and in landfills a fully packed 22 yard automated collection system as described herein.

The equipment to be supplied shall be new and UNUSED and shall be manufacturer's 2009 production model, including accessories and normally standard features not specifically mentioned but normally supplied and/or necessary to furnish a unit complete and ready for operation.

FRAME & EQUIPMENT

1. 10 3/4 in steel rails to 305in
FULLY COMPLY _____ EXCEPTION _____
2. FEPTO Provision w/o bumper extension
FULLY COMPLY _____ EXCEPTION _____
3. EOF square w/o Xmbr
FULLY COMPLY _____ EXCEPTION _____
4. Omit rear mudflaps and hangers
FULLY COMPLY _____ EXCEPTION _____
5. Holland (2) TH-10050 tow hooks EOF
FULLY COMPLY _____ EXCEPTION _____

FRONT AXLE & EQUIPMENT

1. Dana Spicer D2000F 20,000 lb. 3.5 in drop
FULLY COMPLY _____ EXCEPTION _____
2. Taper leaf springs, socks 20,000 lb
FULLY COMPLY _____ EXCEPTION _____
3. Power steering Sheppard M100 dual with most increased steering available

- | | |
|-------------------------------------|------------------------------------|
| | FULLY COMPLY _____ EXCEPTION _____ |
| 4. PHP10 Iron Hubs, LMS hubs | FULLY COMPLY _____ EXCEPTION _____ |
| 5. 5in Drop IPO 3.5in, front axle | FULLY COMPLY _____ EXCEPTION _____ |
| 6. Air cam front drum brakes 16.5x7 | FULLY COMPLY _____ EXCEPTION _____ |
| 7. Brake dust shields | FULLY COMPLY _____ EXCEPTION _____ |

REAR AXLE & EQUIPMENT

- | | |
|--|------------------------------------|
| 1. Dana Spicer S30-190 30,000 lb. | FULLY COMPLY _____ EXCEPTION _____ |
| 2. PHP10 Iron hubs | FULLY COMPLY _____ EXCEPTION _____ |
| 3. Parking brakes (axle package) | FULLY COMPLY _____ EXCEPTION _____ |
| 4. Brake dust shields, drive axles | FULLY COMPLY _____ EXCEPTION _____ |
| 5. Diff lock rear-rear or single drive axle | FULLY COMPLY _____ EXCEPTION _____ |
| 6. Refuse service brakes, all axles | FULLY COMPLY _____ EXCEPTION _____ |
| 7. Rear brake camshaft reinforcement | FULLY COMPLY _____ EXCEPTION _____ |
| 8. Heavy wall, drive axle(s) | FULLY COMPLY _____ EXCEPTION _____ |
| 9. Wide track, single & tandem drive axle(s) | FULLY COMPLY _____ EXCEPTION _____ |
| 10. SBM valve | FULLY COMPLY _____ EXCEPTION _____ |
| 11. Ant-lock braking system (ABS) 4S4M | FULLY COMPLY _____ EXCEPTION _____ |
| 12. Synthetic axle lubricant all axles | FULLY COMPLY _____ EXCEPTION _____ |
| 13. Air cam rear drum brakes 16.5x7 | FULLY COMPLY _____ EXCEPTION _____ |
| 14. Ratio 5.35 rear axle | FULLY COMPLY _____ EXCEPTION _____ |
| 15. Reyco 79KB multi leaf 31,000 lb. | FULLY COMPLY _____ EXCEPTION _____ |
| 16. Omit suspension insert | FULLY COMPLY _____ EXCEPTION _____ |

ENGINE & ENGINE EQUIPMENT

- | | |
|--|------------------------------------|
| 1. ISX11.9 320V 320/2100 1150@1200 or EPA approved equal | FULLY COMPLY _____ EXCEPTION _____ |
|--|------------------------------------|

2. Cummins Remote PTO and throttle provision
FULLY COMPLY _____ EXCEPTION _____
3. CARB engine idling compliance
FULLY COMPLY _____ EXCEPTION _____
4. PACCAR 130 amp alternator, brushless w/voltage
FULLY COMPLY _____ EXCEPTION _____
5. Immersion type pre-heater 110-120V
FULLY COMPLY _____ EXCEPTION _____
6. PACCAR 12V starter
FULLY COMPLY _____ EXCEPTION _____
7. 3 PACCAR premium 12V dual purpose batt 2100 CCA
FULLY COMPLY _____ EXCEPTION _____
8. 18.7 CFM air compressor
FULLY COMPLY _____ EXCEPTION _____
9. PACCAR fuel filter, unheated
FULLY COMPLY _____ EXCEPTION _____
10. Engine protection shutdown
FULLY COMPLY _____ EXCEPTION _____
11. High efficiency cooling system
FULLY COMPLY _____ EXCEPTION _____
12. FEPTO style grill
FULLY COMPLY _____ EXCEPTION _____
13. Wing nut style mounted grille
FULLY COMPLY _____ EXCEPTION _____
14. 16in FVG air cleaner horizontal mounted
FULLY COMPLY _____ EXCEPTION _____
15. Restriction gauge air cleaner mounted
FULLY COMPLY _____ EXCEPTION _____
16. Exhaust vertical LH
FULLY COMPLY _____ EXCEPTION _____

TRANSMISSION & EQUIPMENT

1. Allison 4500 RDS-P rugged duty service
FULLY COMPLY _____ EXCEPTION _____
2. 1810 HD driveline with single midship bearing
FULLY COMPLY _____ EXCEPTION _____
3. 1760 HD driveline between trans and T-case
FULLY COMPLY _____ EXCEPTION _____
4. Allison RDS auto neutral 'AK'
FULLY COMPLY _____ EXCEPTION _____
5. Allison 5-speed configuration-wide ratio gears
FULLY COMPLY _____ EXCEPTION _____

BATTERY BOX & BUMPER

- 1. Install batteries on temp plywood support, back of cab
FULLY COMPLY _____ EXCEPTION _____
- 2. Steel bumper channel painted
FULLY COMPLY _____ EXCEPTION _____
- 3. Screen over air intake opening in bumper
FULLY COMPLY _____ EXCEPTION _____

CAB & EQUIPMENT

- 1. 53 inch LCFCab RH drive
FULLY COMPLY _____ EXCEPTION _____
- 2. Rubber fenders 4.5 inch on cab fender
FULLY COMPLY _____ EXCEPTION _____
- 3. Peterbilt driver seat or approved equal
FULLY COMPLY _____ EXCEPTION _____
- 4. Peterbilt passenger seat or approved equal
FULLY COMPLY _____ EXCEPTION _____
- 5. Air ride driver
FULLY COMPLY _____ EXCEPTION _____
- 6. Low back driver
FULLY COMPLY _____ EXCEPTION _____
- 7. Vinyl driver
FULLY COMPLY _____ EXCEPTION _____
- 8. Non air ride passenger
FULLY COMPLY _____ EXCEPTION _____
- 9. Low back passenger
FULLY COMPLY _____ EXCEPTION _____
- 10. Vinyl passenger
FULLY COMPLY _____ EXCEPTION _____
- 11. Gray interior color
FULLY COMPLY _____ EXCEPTION _____
- 12. Rear window back of cab standard tint
FULLY COMPLY _____ EXCEPTION _____
- 13. Combo fresh air heater/air conditioner
FULLY COMPLY _____ EXCEPTION _____
- 14. Stainless steel mirrors 7 x 16 inch w/heat element
FULLY COMPLY _____ EXCEPTION _____
- 15. (2) Convex 8 inch SS mirrors
FULLY COMPLY _____ EXCEPTION _____
- 16. (1) air horn 24.5in chrome-round w/horn shield

- | | | | |
|-----|--|-------------------|-----------------|
| | | FULLY COMPLY_____ | EXCEPTION _____ |
| 17. | Concert class audio system without CD includes weather band | FULLY COMPLY_____ | EXCEPTION _____ |
| 18. | CB wiring mounted under header | FULLY COMPLY_____ | EXCEPTION _____ |
| 19. | Electric windshield wipers | FULLY COMPLY_____ | EXCEPTION _____ |
| 20. | Wheel Well fenders 4 ½ inch | FULLY COMPLY_____ | EXCEPTION _____ |
| 21. | Rain gutters over driver and passenger doors | FULLY COMPLY_____ | EXCEPTION _____ |
| 22. | 5 lb. 3a:40bc fire extinguisher | FULLY COMPLY_____ | EXCEPTION _____ |
| 23. | Triangle reflector kit | FULLY COMPLY_____ | EXCEPTION _____ |
| 24. | Backup alarm wiring to EOF | FULLY COMPLY_____ | EXCEPTION _____ |
| 25. | Electrical wiring diagram | FULLY COMPLY_____ | EXCEPTION _____ |
| 26. | Backup alarm (107dB) | FULLY COMPLY_____ | EXCEPTION _____ |
| 27. | Oil temp gauge trans - main | FULLY COMPLY_____ | EXCEPTION _____ |
| 28. | Axle temp gauge single drive | FULLY COMPLY_____ | EXCEPTION _____ |
| 29. | (2) additional electric rocker switches | FULLY COMPLY_____ | EXCEPTION _____ |
| 30. | Headlights dual rect halogen type | FULLY COMPLY_____ | EXCEPTION _____ |
| 31. | (5) LED clearance with (2) LED marker lights | FULLY COMPLY_____ | EXCEPTION _____ |
| 32. | First Aid kit, Zee Medical Deluxe Truck Kit,
P/N 105, or approved equal | FULLY COMPLY_____ | EXCEPTION _____ |

PAINT

1. L0007 HR White

MANUALS

1. Bidder shall supply two operator's and two parts and service manuals. Bidder shall also include repair software and interface cord.

WARRANTY

1. All components of this specification package shall be warranted for a minimum of one year from the date of delivery. Manufacturer's warranties exceeding one year shall be in effect and items specifically addressed in these specifications shall be as stated. During the warranty period, pick up and delivery for repairs will be required.

CITY OF DOVER
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS

CONTRACT #2011-03

INTENT:

This specification describes refuse collection body equipped with a mechanical lifting device capable of handling 60 through 300 gallon refuse containers. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and discharging the load by means of hydraulically hoisting the body and gravity dumping the load.

GENERAL TERMS:

All equipment furnished under this contract shall be new, unused and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish complete unit ready for use, shall also be included. Unit shall conform to the best practice known to the body trade in design, quality of material and workmanship. Assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as specified in this invitation to bid. The equipment furnished shall conform to ANSI Safety Standard Z245.1-2007.

GUARANTEE:

Bidder shall state his normal warranty and extended warranty where available.

PARTS MANUAL:

Bidder shall furnish complete parts, maintenance, and operator's manual with each body sold.

BID QUOTATION:

Bidder shall complete every space in the specification bidder's proposal column with a check mark to indicate if the item being bid is exactly as specified. If not, the "NO" column must be checked and a detailed description of the deviation from the specification to be supplied.

WARRANTY:

One (1) year standard body warranty.

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

	<u>YES</u>	<u>NO</u>	<u>OFFERED</u>
A. CAPACITY			
1. The packer body shall have a capacity, excluding the receiving hopper, of not less than:			
22 yd ³	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. The hopper shall have a capacity of three (3) cu. yd.	<input type="checkbox"/>	<input type="checkbox"/>	_____
3. The structural integrity of the body shall allow high density loading of up to 700 pounds per cubic yards of normal refuse.	<input type="checkbox"/>	<input type="checkbox"/>	_____
B. BODY DIMENSIONS			
1. Maximum inside body width shall be 91"	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. Maximum outside body width shall be 96"	<input type="checkbox"/>	<input type="checkbox"/>	_____
3. Maximum inside body height shall be 79"	<input type="checkbox"/>	<input type="checkbox"/>	_____
4. Maximum outside body height above chassis shall be 97"	<input type="checkbox"/>	<input type="checkbox"/>	_____
5. The maximum overall length of the body, tailgate and loader shall not exceed 237"	<input type="checkbox"/>	<input type="checkbox"/>	_____
6. The maximum bottom hopper width shall be 72"	<input type="checkbox"/>	<input type="checkbox"/>	_____
7. The maximum hopper length shall be 47"	<input type="checkbox"/>	<input type="checkbox"/>	_____

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

C. BODY CONSTRUCTION

- | | | | |
|--|--------------------------|--------------------------|-------|
| 1. The body interior shall have a smooth flat floor without a trough. The sides and roof shall be smooth radius cornered construction. All materials shall be steel unless otherwise specified. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 2. In order to prevent damage from corrosion and fire, no hydraulic cylinders, valve or other hydraulic components shall come in contact with refuse packed into the body | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 3. Body sides & roof shall be of reinforced channel construction interfacing with the 90° cast steel radius corner mainframe bolsters Bolsters shall be 6" x 1 3/4" x 7 gauge high tensile formed channel interfacing 90° cast steel radius channels @ the major upper & lower connecting points of the mainframe. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 4. Floor shall be reinforced with 6" x 1 3/4" x 7 gauge high tensile formed structural channels located so as to withstand continuous operation at maximum imposed loads without harmful deformation or excessive wear. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 5. Body roof shall be minimum 12 gauge, hi-tensile sheet fully welded to a full width 6" x 1 3/4" x 7 gauge high tensile formed structural channel roof cross members to contain and dissipate forces equally through the roof structure | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 6. Body sides shall be minimum 10 gauge, high tensile sheet, fully welded to the sidewall vertical bolsters. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 7. Body floor shall be flat with radiused corners at the sidewalls. Floor shall be a minimum 7 gauge 50,000 PSI minimum yield sheet. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

- | | <u>YES</u> | <u>NO</u> | <u>OFFERED</u> |
|---|--------------------------|--------------------------|----------------|
| 8. A 24" x 64" x .1875", 100,000 PSI yield sheet overlay shall be welded to the body floor at the transition from the hopper floor to the body floor. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 9. Floor longitudinal (long members) shall be 10" @ 20#/ft. structural channel. Longitudinal shall provide a minimum 2.7" wide sill base. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 10. Floor outer members shall be 1 3/4" x 6" x 7 gauge, 40,000 PSI minimum yield formed channels. Cross members shall be supported adjacent the long members with 6" X 16" x 3/8" gussets to fully support the floor. Longitudinal to longitudinal spanner members shall be 1" x 3" hot rolled steel bars | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 11. Body interior is to be continuously welded | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

D. HOPPER CONSTRUCTION

- | | | | |
|---|--------------------------|--------------------------|-------|
| 1. Hopper shall be of flat floor & curved vertical sidewalls. The front of the hopper shall be rounded and free of any corners allowing operation of the lifting devise from conventional left hand or right hand drive chassis. Hopper shall be designed to properly handle sixty (60) gallon through three hundred (300) gallon automated side loader carts and containers. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 2. Hopper longitudinal (long members) shall be an extension of the body 10" @ 20#/ft. structural channels. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 3. Hopper floor-minimum 1/2", ASTM-A36 steel specification. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 4. Hopper side shell shall be a minimum .5" hot rolled steel plate per ASTM-A36 steel specifications. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

- | | | | |
|--|--------------------------|--------------------------|-------|
| 5. The hopper front and side opposite the lift and above the packing platen will have expanded metal so that the operator may observe the contents of the containers during the entire dump cycle. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 6. The curb side hopper wall shall be equipped with a replaceable rubber flap. The flap shall be constructed of 3 ply cord reinforced, neoprene rubber and shall extend upward a minimum 5". | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 7. Hopper must be equipped with a manual cover | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

E. PACKING MECHANISM

- | | | | |
|---|--------------------------|--------------------------|-------|
| 1. A hydraulically actuated packing platen shall be suspended between heavy duty, self aligning hardened steel bushings. The packing platen shall be electrically controlled from within the cab, shall complete a pack sweep cycle, displacing a volume of at least three (3) cubic yards, in a maximum of 14-16 seconds with an empty body, and shall be capable of operating continuously so that refuse containers can be dumped with the platen in any position. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 2. The packing platen shall be fabricated from a minimum 1/2" reinforced steel plate. The swinging platen shall utilize both sides of the assembly to distribute the waste equally to both the left and right sides of the body. | <input type="checkbox"/> | <input type="checkbox"/> | |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

- | | | | |
|--|---|---|-------|
| 3. The packing platen and support bushings shall be capable of being greased without entering the hopper. A six (6) fitting grease manifold shall be located under the body so that it is accessible from the ground with the empty body resting on the body props. ONE (1) additional grease fittings, accessible from ground level, shall be located at the side of the hopper to grease the upper and lower platen bushings | □ | □ | _____ |
| 4. The packing platen shall be activated by ONE (1) hydraulic cylinders mounted under the body and connected to the packing platen using 1 ¼" thick steel bars. The cylinders shall be 5" diameter bore x 1.5" rod x 43" stroke. | □ | □ | _____ |

F. BUSTLE TAILGATE

- | | | | |
|--|---|---|-------|
| 1. The tailgate must be one piece, top hinged and shall open approximately 90°. | □ | □ | _____ |
| 2. Tailgate shall be constructed of a minimum 10 gauge, high tensile sheet on rear and side walls. | □ | □ | _____ |
| 3. The tailgate shall be reinforced by a minimum 1 ¾" x 6" x 7 gauge, 40,000 PSI minimum yield formed perimeter channel. | □ | □ | _____ |
| 4. The tailgate will be secured to the body by two(2) sets of hinges at the roof line. | □ | □ | _____ |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

- | | | | |
|--|--------------------------|--------------------------|-------|
| 5. A heavy duty rear door removable positive one piece seal of vinyl tube gasket material will be installed the full length of the bottom and 14" up the sides of the tailgate to prevent leakage. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 6. The tailgate movement and latching functions shall be performed by means of a single control actuated within the cab. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 7. The tailgate shall be raised and lowered, locked and unlocked by hydraulically actuating double acting cylinders with a minimum 3" bore x 18.5" stroke x 1.12" diameter chrome plated rod. The cylinder must retract to lock and raise the tailgate. Cylinder design shall include an orifice fitting to prevent the rapid descent of the tailgate in the event of a hydraulic failure. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 8. Tailgate props shall be provided. Props may be lowered manually and secured in the raised position by a positive locking device. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 9. All lights will be recessed into the tailgate with the lens flush with the outer skin. Clearance, backup and directional lights shall be a Lexan lens, shock mounted in a protective housing. The whole unit will be "pop-out" and replaceable. All vehicles will meet FMVSS #108 and State lighting and reflector requirements. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 10. An in-cab alarm chime will be provided to indicate that the tailgate and/or the body is raised. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

G. LIFTING MECHANISM

1. The lift arm and guide rail shall be of fabricated tube type construction designed with the proper balance of strength and weight. The lift arm shall be constructed of 3/8" 80,000 PSI minimum yield steel with a 4" wide by 16 1/2" tall section in the shoulder of the lift arm to handle the higher stresses in the area tapering down to a 4"x7 3/4" section at the lower stress area near the elbow for reduced weight. The vertical portion of the lift arm shall be of 1/2" 80,000 PSI minimum yield fabricated boxed construction. The lift, grab and dump functions shall use spherical bushings at each pivot point. **LIFT MECHANISM MOUNTED ALONGSIDE THE CHASSIS FRAME WILL NOT BE ACCEPTED.** _____

2. The standard lifting mechanism shall be capable of lifting Round containers ranging from 60 to 300 gallons. _____

3. The lifting mechanism shall be capable of individually controlled motion for extending, grabbing, raising, dumping and returning a container from any position. Through use of a coordinator, the lifting mechanism shall have the ability to combine multiple functions into a single switch for ease of operation. _____

4. The lifting mechanism shall perform the following lift cycle functions in eight (8) seconds at idle:
 - a. Grab the container
 - b. Lift the container to the full dump position
 - 1) Lower the container to the full down position
 - d. Release the grabbers from the container _____

5. The lifting capacity shall be a minimum of 1,600 pounds at any extension. _____

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

6. The lift shall have a minimum reach capable of a 96" reach from the side of the body to the center line of a 90 gallon container. _____

7. The lifting mechanism shall be powered by four (4) hydraulic cylinders. (Reach – 1.75" bore x 71.23" stroke, Grab – 3" bore x 8" stroke, Raise – 3" bore x 16" stroke, Dump – 3" bore x 8" stroke). The cylinder shall be cushioned In directions have spherical bushings in the rod and base ends. _____

8. The lifting mechanism shall be within the 96" road limit in the down and stowed position with a 13" ground clearance and shall be equipped with an automatic safety lock to restrain the lift arm when not in operation. _____

H. BODY HOIST

1. The body shall be raised by TWO (2) 4 1/2" bore x 56" stroke, chrome plated single acting two stage telescopic cylinders The body shall achieve a dump angle of approximately 30° and be lowered by gravity. _____

2. Cylinder design shall include an orifice fitting in the base port which will prevent the rapid descent of the body in the event of a hydraulic failure. _____

3. The hoist cylinders shall be mounted outboard of the chassis frame and trunnioned with a 2-1/2" solid through shaft. _____

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

1. The tank shall be complete with a screened fill pipe and cap, filter breather, clean out cover, and oil level sight and temperature gauge, and suction line shut-off valve. _____

2. The hydraulic system shall be protected by a three (3) micron, in tank, return line filter along with a 100 mesh (140 micron) reusable oil strainer in the suction line. _____

3. The return line filter shall also include an in-cab filter by-pass monitor which shall alert the operator or service personnel when the filter is in need of replacement. _____

7. The hydraulic system shall be operate at an acceptable temperature without the need for external hydraulic oil cooling devices. _____

J. LUBRICATION

1. All body hinges, cylinder rod ends, cylinder base trunnions and high cycle pivot shall be supplied with grease fittings _____

K. CONTROLS

1. The lift controls shall be electric over hydraulic and shall operate a four (4) section stack valve for the lift functions. _____

2. All hydraulic valves shall be solenoid soft-shift electric over hydraulic valves. Pneumatically controlled valves and bang-bang electrical valves are not acceptable. _____

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

- | | <u>YES</u> | <u>NO</u> | <u>OFFERED</u> |
|--|--------------------------|--------------------------|----------------|
| 3. The lift controls shall be self centering type, returning to the neutral position when released. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 4. The body controls shall be electrical over hydraulic and located in the cab convenient to the operator. All valve components are to be easily serviceable without changing entire valve body. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

L. ELECTRICAL

- | | | | |
|---|--------------------------|--------------------------|-------|
| 1. The body functions in-cab control center shall be provided for system functions. All in-cab controls shall be electrical and in easy reach of the operator. A second set of controls to be mounted on right hand door panel. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 2. All electrical wiring connectors to be automotive double-seal, with wiring in split convoluted loom. All wiring connections to be soldered with rubber molded covering or crimp type connectors with shrink wrap. Unprotected wiring in any application is unacceptable. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

M. LIGHTING

- | | | | |
|---|--------------------------|--------------------------|-------|
| 1. Clearance, back up, and directional lights shall be Lexan lens, shock mounted in a protective housing. The entire unit shall be replaceable pop out style | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 2. All lights shall be provided in accordance with FMVSS #108, ANSI Z245.1-1999 plus Mid body turn signals on each Side of the body and a center brake light on the rear. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

- | | | | |
|--|--------------------------|--------------------------|-------|
| 4. All body lighting to be LED | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 5. Single strobe, mounted upper tailgate, switch in cab. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 6. Hopper work light, switch in cab. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 7. Lift work light, switch in cab. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

N. REAR UNDERRIDE AND THE GUARD

- | | | | |
|---|--------------------------|--------------------------|-------|
| 1. The body shall be equipped with a rear underride guard as Standard equipment, to meet Federal Motor Carrier Safety Regulations 49CFR393.86, TTMA RP No. 41-02, and SAE J682 Oct. 84. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
|---|--------------------------|--------------------------|-------|

O. PAINTING

- | | | | |
|--|--------------------------|--------------------------|-------|
| 1. First step- Smoothing – All weld slag, splatter or roughness shall be removed with appropriate hand tools. No sand, shot or glass air planting shall be permitted to eliminate contamination and possible damage to bearings or pin surfaces and possible distortion of higher gauge sheet materials used on the body. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 2. Second step- Purgation – A heated pressure wash shall drench the entire body with a silicate alkaline phosphate based precleaner to clean all metal surfaces. This solution shall soak through and break down the oil film and other contaminants found on steel. The solution shall be non- corrosive to metals and shall be environmentally friendly. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| 3. Third Step – Pre treatment - An organically accelerated phosphoric acid based pretreatment will be applied to all metal surfaces. This step provides a chemical conversion coating which changes the chemical and physical nature of the surface by providing a surface that the next application (prime) will adhere to. | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

**THE BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING
IF NOT COMPLAINT, STATE SPECIFICALLY ITEM BEING OFFERED**

YES NO OFFERED

4. Fourth Step – Sealing – The entire body shall be coated with an application of the patented Dry-In-Place Seal from Henkel Surface Technologies. This process shall dramatically improve the surface finish’s resistance to rusting that occurs from general wear and tear, and shall provide improvements to paint adhesion and other related corrosion that occurs wove the life of the products. This shall help retain the “as new” appearance of the factory paint surface.

□ □ _____

5. Fifth Step – Primer Coat Paint – The seal coat shall be painted using DuPont Corlar – a high performance, low VOC/HAPS epoxy polyamide primer-sealer. Corlar is a two-component gray primer-sealer that is lead and chromate free. This shall be applied in an amount necessary to achieve a dry film thickness of 1.2 mil.

□ □ _____

6. Sixth Step – Finish Top Coat Paint – A high luster finish shall be applied using DuPont Imron 5000 – a high performance, low VOC (< 3.5 lbs/gal RTS) two-component polyurethane enamel. An ample amount shall be applied to achieve a dry film thickness of 2 mil and shall result in a finish of 3.2 mil minimum film thickness.

□ □ _____

P. MISCELLANEOUS REQUIREMENTS

1. The successful bidder must have a parts and service location within 60 miles of the buyer’s location.

□ □ _____

2. Bidder’s proposed model must have been in continuous production for the past five years by the same manufacturer.

□ □ _____

3. Tailgate seal kit – extends vertical portion of seal

□ □ _____

BODY, PACKER, SIDE LOADER LIFT ARM
EXCEPTION SHEET

(use additional sheets if necessary)

PROCEDURE:

Any and all Exceptions to this specification must be listed on this Exception Sheet. Please be sure to note the individual item numbers, so that a proper evaluation of the Bid can take place.

If no exceptions are taken, a Statement of Full Compliant and "No Exceptions", signed and sealed by an Officer of the Company must be made on this Exception Sheet.

CITY OF DOVER
P.O. BOX 475
DOVER, DELAWARE 19903

BID FORM

Notice: This Bid must be executed in black ink or by typed entries and it shall be submitted in front of, and with, the Bid Bond.

BID

For Purchase of:

ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS
CONTRACT #20011-03

To: Mr. Peter K. Gregg
Contract and Procurement Manager
City Warehouse
710 William Street
Dover, DE 19904

FROM: _____

Telephone # _____ Fax #: _____

1. Pursuant to and in compliance with your request inviting proposals to be received _____
_____ for the furnishing:

CONTRACT #2011-03
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY
AND CHASSIS

and having carefully examined the Contract Documents comprising the Plans, Specifications and all other documents bound therewith, together with all Addenda thereto; the undersigned hereby offers to furnish the equipment in accordance with the applicable provisions of the Plans and Specifications and of all Addenda issued by the Owner and mailed to the undersigned prior to the date for the opening of bids, whether received by the undersigned or not, for the following sums, to wit:

CITY OF DOVER
ONE (1) 22 CUBIC YARD AUTOMATED SIDE LOADING REFUSE COLLECTION BODY

CONTRACT #2011-03

<u>BIDDER MUST INDICATE:</u>			
Model Name: _____			
Model Number: _____			
Calendar days required for on-site delivery _____ days			
LUMP SUM PURCHASE			
QTY	DESCRIPTION	UNIT BID PRICE	TOTAL BID PRICE
1	Twenty-two (22) Cubic Yard Automated Loading Refuse Collection Body and Chassis Option #1 Transmission Two year extended warranty Option #2 Engine 5 year/150,000 mile extended warranty		
TOTAL LUMP SUM PURCHASE PRICE			\$

1. Accompanying this proposal as bid security is a _____ in the amount of Dollars and _____ Cents (\$_____).
2. This bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof, or as stipulated by State Law.
3. The undersigned acknowledges that he/she received the following Addenda to the Specifications and that his/her bid was prepared in accordance with said Addenda:

<u>Addendum No.</u>	<u>Date of Addendum</u>
_____	_____
_____	_____

4. By submitting this proposal the undersigned affirms that he/she executed it with full authority to do so and that neither he/she nor his/her firm has entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this project.

A. INDIVIDUAL

An individual doing business under the firm name of:

Witness:

By: (Individual's Name)
(Sign) _____
(Type)

Date: _____

Address: _____

B. PARTNERSHIP

Partners trading and doing business under the firm name of:

Witness:

By: (Individual's Name)
(Sign) _____
(Type)

(Sign) _____
(Type)

Date: _____

Address: _____

C. CORPORATION

A corporation organized under the laws of _____
(CORPORATE SEAL)

Attest:

BY: (Officer)
(Sign) _____
(Type)

Date: _____

Address: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we _____
(hereinafter called the "Principal") as Principal, and _____, a
Corporation authorized to transact business in _____ and having its principal office at
(hereinafter called the "Surety") as Surety, are held and firmly bound unto
(hereinafter called the "Obligee"), in the sum of
DOLLARS and _____ CENTS (\$ _____), lawful money of the
United States of America; for payment of which we bind ourselves, and each of our respective heirs, legal
representatives, successors and assigns, jointly and severally, by these presents on the _____ day
of _____, 20____. WHEREAS, said Principal is herewith submitting to the Obligee a proposal to
perform the _____ work for the Obligee's proposed
pursuant to plans, specifications and other Contract Documents incorporated into said proposal by reference;
and it is a condition of the Obligee's receipt and consideration of said proposal that the proposal be accompanied
by bid security to be held by the Obligee on terms embodied herein.

NOW, THEREFORE, the condition of this obligation is that if said Principal shall furnish Performance Bond,
labor and Material Payment Bond, and Insurance Certificates to the Obligee upon the Obligee's delivery to the
Principal of notice of intention to accept his proposal and to make a formal award of contract to him, and shall
enter into such contract, all as required by said Contract Documents, then this obligation shall be void;
otherwise it shall remain in full force, and the Principal and Surety will pay to the Obligee the full amount of the
Bond as liquidated damages.

IN WITNESS WHEREOF the Principal and Surety, intending to be legally bound, have executed this bond the day and year aforementioned.

Witness of Attest:

(Principal)

By: _____

Witness

By: _____ (Surety)

IMPORTANT: Surety Companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.