

EAST BAY MUNICIPAL UTILITY DISTRICT

REQUEST FOR QUOTATION (RFQ) No. 2002 for MEDIUM AND HEAVY DUTY TRUCKS

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For complete information regarding this project, see RFQ posted at <https://www.ebmud.com/business-center/materials-and-supplies-bids/current-requests-quotation-rfqs/> or contact the EBMUD representative listed above. Please note that prospective bidders are responsible for reviewing this site during the RFQ process, for any published addenda regarding this RFQ.

RESPONSE DUE

by

1:30 p.m.

on

April 22, 2020

at

**EBMUD, Purchasing Division
375 Eleventh St., First Floor
Oakland, CA 94607**

EAST BAY MUNICIPAL UTILITY DISTRICT

RFQ No. 2002

for

MEDIUM AND HEAVY DUTY TRUCKS

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I. STATEMENT OF WORK**A. SCOPE**

It is the intent of these specifications, terms, and conditions to describe project to manufacture, furnish, and deliver miscellaneous medium and heavy truck equipment to the District's Heavy Equipment Garage at 1199 – 21st Street, Oakland, California, or as instructed.

East Bay Municipal Utility District (District) intends to award a three-year contract with two (2) options to renew for one-year period(s) to the lowest cost bidder(s) whose response conforms to this RFQ and meets the District's requirements.

B. BIDDER QUALIFICATIONS**1. Bidder Minimum Qualifications**

- a. Bidder, bidder's principal, or bidder's staff shall have been regularly engaged in the business of providing medium and heavy duty trucks for at least three (3) years.
- b. Bidder shall be an authorized manufacturer, dealer, or provider.
- c. Bidder shall possess all permits, licenses, and professional credentials necessary to supply product and perform services as specified under this RFQ.

C. SPECIFIC REQUIREMENTS

1. Under this RFQ it is required that the equipment be furnished and delivered F.O.B. to the District's Heavy Equipment Garage, 1199 - 21st Street, Oakland, California.
2. All products shall be in new and unused condition and shall be of the most current and up to date model.

3. SPECIFICATIONS

- a. **Please refer to EXHIBIT D - MEDIUM AND HEAVY TRUCK EQUIPMENT SPECIFICATIONS of this RFQ for a full description of the required equipment.**

4. COMPLIANCE

Unit(s) offered shall comply with all applicable federal, state, and local laws, regulations and codes in effect on the date of the bid opening, including but not limited to the following:

- a. Department of Transportation, Federal Highway Administration, 49 CFR Motor Carrier Safety Regulations and Standards.
- b. Federal Motor Vehicle Safety Regulations and Standards.
- c. U.S. Environmental Protection Agency Regulations.
- d. Federal Energy Administration Regulations.
- e. California Air Resources Board Regulations
- f. California Vehicle Code.
- g. California Code of Regulations, Title 13, Motor Vehicles.
- h. California Code of Regulations, Title 8, including but not limited to Governmental Industrial Safety Orders.

5. SERVICE

- a. The successful bidder must provide service and warranty repair availability within fifty (50) road miles or one (1) hour from 1199 21st Street in Oakland, California. The successful bidder must also demonstrate a full service parts and repair facility for their product.
- b. Prior to delivery, the equipment shall receive the manufacturer's standard pre-delivery service and the equipment shall be tested and functionally ready to operate.

6. INSPECTION

Vehicles will be inspected by the District at the dealer's place of business for proper functioning of all equipment and systems, workmanship, appearance, and conformance to the specifications. The Dealer is to contact Jason Nossardi at (510) 287-0878 to arrange for inspection.

7. VEHICLE LICENSING

Licensing of new equipment for the State of California shall be done by the Dealer. District will provide application for exempt registration to the Dealer.

The address on all documents shall be as follows:

East Bay Municipal Utility District
375 Eleventh Street
Oakland, California 94607

8. SAFETY ORDERS AND VEHICLE CODE

The equipment furnished must conform with any applicable Safety Orders of the California Division of Industrial Safety, must be equipped with all legal equipment required by the State of California Vehicle Code, and must also comply with any applicable federal, state, and local laws and regulations concerning vehicular equipment.

Vehicle Safety, Design and Emissions

All Vehicles sold to the District shall comply with all applicable motor vehicle rules and regulations within the State of California, including but not limited to the requirements of the California Vehicle Code (CVC), California Code of Regulations-Title 13, and Code of Federal Regulations-Title 49. Vehicles shall comply with all Federal and State rules, regulations and safety standards which were in effect at the date of delivery to the District, and which are applicable to the Districts planned usage as stated in this RFQ. Unless otherwise noted in this RFQ, All vehicles shall meet the 50-State emissions requirements that allow the resale of these vehicles to the general public as originally equipped.

9. AT TIME OF DELIVERY

- a. The following documents shall be delivered to the Equipment Supervisor at the time the equipment is delivered.
 - i. One complete set of operating instructions, parts book, warranties, and service repair manuals shall be furnished at the time the new equipment is delivered. If the parts book, warranties and service manuals are only available in an electronic format, then electronic copies are acceptable to meet the requirement. If the parts book, warranties and service manuals are only available as a web based service, then a three (3) year subscription/password access is required. NO EXCEPTIONS. PAYMENT WILL NOT BE MADE UNLESS MANUALS ARE RECEIVED.
 - ii. Completed and signed pre-delivery checklist.
 - iii. Line setting ticket.

- iv. Dealer's report of sale.
- v. Certificate of Compliance for Bridge Formula and 49 CFR, DOT (incomplete and complete vehicle).
- vi. Certified weigh master's certificate of Completed Vehicle.

10. FACTORY TRAINING REQUIREMENT

Responsive bidders must have the ability to offer dealer-level OEM factory training to District mechanics when requested, as training courses are made available. Training must be hands-on. Online technical training is not considered compliance.

11. ONLINE PARTS ORDERING REQUIREMENT

Responsive bidders must have a system of parts ordering that will allow access to all OEM parts diagrams, and which would also allow District mechanics to place parts orders electronically.

D. FAILURE TO MEET SPECIFICATIONS

In the event any shipment or shipments of a Contractor's product do not meet the specification or delivery requirements, the District may reject the shipment or shipments and, at its option, may purchase this material from any supplier on the open market who can meet the District's specification requirements or the District may demand immediate replacement by Contractor of the non-conforming product. Any costs over and above the original contract price will be charged back to the Contractor. In addition, Contractor shall bear the costs of removal and disposition for any delivery which fails to conform to the specifications.

II. CALENDAR OF EVENTS

EVENT	DATE/LOCATION
RFQ Issued	March 25, 2020
Deadline For Submission of Questions	April 1, 2020
Response Due	April 22, 2020, by 1:30 p.m.
Anticipated Contract Start Date	June 1, 2020

Note: All dates are subject to change **by District.**

Bidders are responsible for reviewing <https://www.ebmud.com/business-center/materials-and-supplies-bids/current-requests-quotation-rfqs/> for any published addenda. Hard copies of addenda will not be mailed out.

III. DISTRICT PROCEDURES, TERMS, AND CONDITIONS

A. RFQ ACCEPTANCE AND AWARD

1. RFQ responses will be evaluated to determine that they are responsive, responsible, and that they meet the specifications as stated in this RFQ.
2. Award will be made, by sum total of all schedules, to the lowest cost responsive and responsible bidder.
3. The District reserves the right to award to a single or to multiple Contractors, dependent upon what provides the lowest overall cost to the District.
4. The District has the right to decline to award this contract or any part of it for any reason.
5. Any specifications, terms or conditions, issued by the District, or those included in the bidder's submission, in relation to this RFQ, may be incorporated into any purchase order or contract that may be awarded as a result of this RFQ.
6. Award of contract. The District reserves the right to reject any or all proposals, to accept one part of a proposal and reject the other, and to waive minor technical defects and administrative errors, as the interest of the District may require. Award will be made or proposals rejected by the District as soon as possible after bids have been opened.

B. BRAND NAMES, APPROVED EQUIVALENTS, DEVIATIONS, AND EXCEPTIONS

Any references to manufacturers, trade names, brand names, and/or catalog numbers are intended to be descriptive, but not restrictive, unless otherwise stated, and are intended to indicate the quality level desired. Bidders may offer an equivalent product that meets or exceeds the specifications.

The District reserves the right to be the sole judge of what shall be considered equal and/or acceptable, and may require the bidder to provide additional information and/or samples. If the bidder does not specify otherwise, it is understood that the brand and/or product referenced in this RFQ will be supplied.

Taking exception to the RFQ, or failure on the part of the bidder to comply with all requirements and conditions of this RFQ, may subject the RFQ response to rejection. If no deviations are shown, the bidder will be required to furnish the material exactly as

specified. The burden of proof of compliance with the specifications will be the responsibility of the bidder.

This RFQ is subject to acceptance only on the terms and conditions stated in this RFQ. Any additional or different terms and conditions proposed by the bidder are hereby rejected, and shall be of no force or effect unless expressly assented to in writing by the District.

C. PRICING

1. All prices are to be F.O.B. destination. Any freight/delivery charges are to be included.
2. All prices quoted shall be in United States dollars.
3. Price quotes shall include any and all payment incentives available to the District.
4. Bidders are advised that in the evaluation of cost, if applicable, it will be assumed that the unit price quoted is correct in the case of a discrepancy between the unit price and extended price.

D. NOTICE OF INTENT TO AWARD AND PROTESTS

At the conclusion of the RFQ response evaluation process, all entities who submitted a bid package will be notified in writing by e-mail or USPS mail with the name of the Bidder being recommended for contract award. The document providing this notification is the Notice of Intent to Award.

Protests must be in writing and must be received no later than seven (7) work days after the District issues the Notice of Intent to Award. The District will reject the protest as untimely if it is received after this specified time frame. Protests will be accepted from bidders or potential bidders only.

If the protest is mailed and not received by the District, the protesting party bears the burden of proof to submit evidence (e.g., certified mail receipt) that the protest was sent in a timely manner so that it would be received by the District within the RFQ protest period.

Bid protests must contain a detailed and complete written statement describing the reason(s) for protest. The protest must include the name and/or number of the bid, the name of the firm protesting, and include a name, telephone number, email address and physical address of the protester. If a firm is representing the protester, they shall include their contact information in addition to that of the protesting firm.

Protests must be mailed, hand delivered, or emailed to the Manager of Purchasing, Mailstop 102, East Bay Municipal Utility District, 375 Eleventh Street, Oakland, CA 94607 or P.O. Box 24055, Oakland, California 94623. Facsimile and electronic mail protests must be followed by a mailed or hand delivered identical copy of the protest and must arrive within the seven work day time limit. Any bid protest filed with any other District office shall be forwarded immediately to the Manager of Purchasing.

The bid protester can appeal the determination to the requesting organization's Department Director. The appeal must be submitted to the Department Director no later than five work days from the date which the protest determination was transmitted by the District, to the protesting party. The appeal shall focus on the points raised in the original protest, and no new points shall be raised in the appeal.

Such an appeal must be made in writing and must include all grounds for the appeal and copies of the original protest and the District's response. The bid protester must also send the Purchasing Division a copy of all materials sent to the Department Director. The Department Director will make a determination of the appeal and respond to the protester by certified mail in a timely manner. If the appeal is denied, the letter will include the date, time, and location of the Board of Directors meeting at which staff will make a recommendation for award and inform the protester it may request to address the Board of Directors at that meeting.

The District may transmit copies of the protest and any attached documentation to all other parties who may be affected by the outcome of the protest. The decision of the District as to the validity of any protest is final. This District's final decision will be transmitted to all affected parties in a timely manner.

E. METHOD OF ORDERING

1. POs and payments for products and/or services will be issued only in the name of Contractor.
2. Any and all change orders shall be in writing and agreed upon, in advance, by Contractor and the District.

F. TERM / TERMINATION / RENEWAL

1. The term of the contract, which may be awarded pursuant to this RFQ, will be three (3) years.
2. At the sole discretion of the District, any contract which may be awarded pursuant to this RFQ may be extended for two (2) additional one-year terms at agreed prices with all other terms and conditions remaining the same. In the

event that a Contractor does not agree to an extension, the District shall be given a minimum of 90 days notice to locate a suitable replacement contractor.

3. This Agreement may be terminated for convenience by the District provided the Contractor is given written notice of not less than 30 calendar days. Upon such termination, the District shall pay the Contractor the amount owing for the products ordered and satisfactorily received by the District. This shall be the sole and exclusive remedy to which the Contractor is properly entitled in the event of termination by the District.
4. This Agreement may be terminated for cause at any time, provided that the District notifies Contractor of impending action.

G. WARRANTY

1. For any contract awarded pursuant to this RFQ, Contractor expressly warrants that all goods furnished will conform strictly with the specifications and requirements contained herein and with all approved submittals, samples and/or models and information contained or referenced therein, all affirmations of fact or promises, and will be new, of merchantable quality, free from defects in materials and workmanship, including but not limited to leaks, breaks, penetrations, imperfections, corrosion, deterioration, or other kinds of product deficiencies. Contractor expressly warrants that all goods to be furnished will be fit and sufficient for the purpose(s) intended. Contractor expressly warrants that all goods shall be delivered free from any security interest, lien or encumbrance of any kind, and free from any claim of infringement, copyright or other intellectual property violation, or other violation of laws, statutes, regulations, ordinances, rules, treaties, import restrictions, embargoes or other legal requirements. Contractor guarantees all products and services against faulty or inadequate design, manufacture, negligent or improper transport, handling, assembly, installation or testing, and further guaranties that there shall be strict compliance with all manufacturer guidelines, recommendations, and requirements, and that Contractor guaranties that it will conform to all requirements necessary to keep all manufacturer warranties and guarantees in full force and effect. These warranties and guarantees are inclusive of all parts, labor and equipment necessary to achieve strict conformance, and shall take precedence over any conflicting warranty or guarantee. These warranties and guaranties shall not be affected, limited, discharged or waived by any examination, inspection, delivery, acceptance, payment, course of dealing, course of performance, usage of trade, or termination for any reason and to any extent. In the absence of any conflicting language as to duration, which conflicting language will take precedence as being more specific, Contractor's aforesaid warranties and guarantees shall be in full force and effect for a period of three (3) years from the date of acceptance by the District, but shall continue

in full force and effect following notice from District of any warranty or guarantee issue, until such issue has been fully resolved to the satisfaction of District.

H. **INVOICING**

1. Following the District's acceptance of product(s) meeting all specified requirements, and/or the complete and satisfactory performance of services, the District will render payment within thirty (30) days of receipt of a correct invoice.
2. The District shall notify Contractor of any invoice adjustments required.
3. Invoices shall contain, at a minimum, District purchase order number, invoice number, remit to address, and itemized products and/or services description.
4. The District will pay Contractor in an amount not to exceed the total amount quoted in the RFQ response.

IV. **RFQ RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION**

A. **DISTRICT CONTACTS**

All contact during the competitive process is to be through the contact listed on the first page of this RFQ. The following persons are to be contacted only for the purposes specified below.

TECHNICAL SPECIFICATIONS:

Attn: Jason Nossardi, Equipment Supervisor

EBMUD-Maintenance Support Div./Mtc. & Construction Dept.

E-Mail: Jason.nossardi@ebmud.com

PHONE: (510) 287-0878

CONTRACT EQUITY PROGRAM:

Attn: Contract Equity Office

PHONE: (510) 287-0114

AFTER AWARD:

Attn: Jason Nossardi, Equipment Supervisor

EBMUD-Maintenance Support Div./Mtc. & Construction Dept.

E-Mail: Jason.nossardi@ebmud.com

PHONE: (510) 287-0878

B. SUBMITTAL OF RFQ RESPONSE

1. Responses must be submitted in accordance with Exhibit A – RFQ Response Packet, including all additional documentation stated in the “Required Documentation and Submittals” section of Exhibit A.
2. Late and/or unsealed responses will not be accepted.
3. RFQ responses submitted via electronic transmissions will not be accepted. Electronic transmissions include faxed RFQ responses or those sent by electronic mail (“e-mail”).
4. RFQ responses will be received only at the address shown below, must be SEALED, and must be received at the District Purchasing Division by 1:30 p.m. on the due date specified in the Calendar of Events. Any RFQ response received after that time or date, or at a place other than the stated address cannot be considered and will be returned to the bidder unopened.

All RFQ responses must be received and time stamped at the stated address by the time designated. The Purchasing Division's timestamp shall be considered the official timepiece for the purpose of establishing the actual receipt of RFQ responses.

5. RFQ responses are to be addressed/delivered as follows:

Mailed:

Kelley Smith, Manager of Purchasing
East Bay Municipal Utility District
Medium and Heavy Duty Trucks
RFQ No. 2002
EBMUD–Purchasing Division
P.O. Box 24055
Oakland, CA 94623

Hand Delivered or delivered by courier or package delivery service:

Kelley Smith, Manager of Purchasing
East Bay Municipal Utility District
Medium and Heavy Duty Trucks
RFQ No. 2002
EBMUD–Purchasing Division
375 Eleventh Street, First Floor
Oakland, CA 94607

Bidder's name, return address, and the RFQ number and title must also appear on the mailing package.

6. All costs required for the preparation and submission of an RFQ response shall be borne by the bidder.
7. California Government Code Section 4552: In submitting an RFQ response to a public purchasing body, the bidder offers and agrees that if the RFQ response is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2, commencing with Section 16700, of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the RFQ response. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.
8. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act.
9. The RFQ response shall remain open to acceptance and is irrevocable for a period of one hundred eighty (180) days, unless otherwise specified in the RFQ documents.
10. It is understood that the District reserves the right to reject any or all RFQ responses.
11. RFQ responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFQ response or part thereof so marked. RFQ responses submitted in response to this RFQ may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.



EXHIBIT A
RFQ RESPONSE PACKET
RFQ No. 2002 – MEDIUM AND HEAVY DUTY TRUCKS

To: The EAST BAY MUNICIPAL UTILITY District (“District”)

From: _____
(Official Name of Bidder)

RFQ RESPONSE PACKET GUIDELINES

- **BIDDERS ARE TO SUBMIT ONE (1) ORIGINAL HARDCOPY RFQ RESPONSE WITH ORIGINAL INK SIGNATURES AND ONE (1) COPY CONTAINING THE FOLLOWING, IN THEIR ENTIRETY:**
 - **EXHIBIT A – RFQ RESPONSE PACKET**
 - **INCLUDING ALL REQUIRED DOCUMENTATION AS DESCRIBED IN “EXHIBIT A- REQUIRED DOCUMENTATION AND SUBMITTALS”**
 - **EXHIBIT D – MEDIUM AND HEAVY DUTY TRUCK EQUIPMENT SPECIFICATIONS**
- **ALL PRICES AND NOTATIONS MUST BE PRINTED IN INK OR TYPEWRITTEN; NO ERASURES ARE PERMITTED; ERRORS MAY BE CROSSED OUT AND CORRECTIONS PRINTED IN INK OR TYPEWRITTEN ADJACENT, AND MUST BE INITIALED IN INK BY PERSON SIGNING THE RFQ RESPONSE.**
- **BIDDERS THAT DO NOT COMPLY WITH THE REQUIREMENTS, AND/OR SUBMIT AN INCOMPLETE RFQ RESPONSE MAY BE SUBJECT TO DISQUALIFICATION AND THEIR RFQ RESPONSE REJECTED IN TOTAL.**
- **IF BIDDERS ARE MAKING ANY CLARIFICATIONS AND/OR AMENDMENTS, OR TAKING EXCEPTION TO ANY PART OF THIS RFQ, THESE MUST BE SUBMITTED IN THE EXCEPTIONS, CLARIFICATIONS, AND AMENDMENTS SECTION OF THIS EXHIBIT A – RFQ RESPONSE PACKET. THE DISTRICT, AT ITS SOLE DISCRETION, MAY ACCEPT AMENDMENTS/EXCEPTIONS, OR MAY DEEM THEM TO BE UNACCEPTABLE, THEREBY RENDERING THE RFQ RESPONSE DISQUALIFIED.**
- **BIDDERS SHALL NOT MODIFY DISTRICT LANGUAGE IN ANY PART OF THIS RFQ OR ITS EXHIBITS, NOR SHALL THEY QUALIFY THEIR RFQ RESPONSE BY INSERTING THEIR OWN LANGUAGE OR FALSE CLAIMS IN THEIR RESPONSE. ANY EXCEPTIONS AND CLARIFICATIONS MUST BE PLACED IN THE “EXCEPTIONS/ CLARIFICATIONS” PAGE, NOT BURIED IN THE PROPOSAL ITSELF.”**



BIDDER INFORMATION AND ACCEPTANCE

1. The undersigned declares that all RFQ documents, including, without limitation, the RFQ, Addenda, and Exhibits, have been read and that the terms, conditions, certifications, and requirements are agreed to.
2. The undersigned is authorized to offer, and agrees to furnish, the articles and services specified in accordance with the RFQ documents.
3. The undersigned acknowledges acceptance of all addenda related to this RFQ.
4. The undersigned hereby certifies to the District that all representations, certifications, and statements made by the bidder, as set forth in this RFQ Response Packet and attachments, are true and correct and are made under penalty of perjury pursuant to the laws of California.
5. The undersigned acknowledges that the bidder is, and will be, in good standing in the State of California, with all the necessary licenses, permits, certifications, approvals, and authorizations necessary to perform all obligations in connection with this RFQ and associated RFQ documents.
6. It is the responsibility of each bidder to be familiar with all of the specifications, terms, and conditions and, if applicable, the site condition. By the submission of an RFQ response, the bidder certifies that if awarded a contract it will make no claim against the District based upon ignorance of conditions or misunderstanding of the specifications.
7. Patent indemnity: Contractors who do business with the District shall hold the District, its Directors, officers, agents, and employees, harmless from liability of any nature or kind, including cost and expenses, for infringement or use of any patent, copyright, or other proprietary right, secret process, patented or unpatented invention, article, or appliance furnished or used in connection with the contract or purchase order.
8. Insurance certificates are not required at the time of submission. However, by signing Exhibit A – RFQ Response Packet, the bidder agrees to meet the minimum insurance requirements stated in the RFQ. This documentation must be provided to the District prior to execution of an agreement by the District, and shall include an insurance certificate which meets the minimum insurance requirements, as stated in the RFQ.
9. The undersigned acknowledges that RFQ responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFQ response or part thereof so marked. RFQ responses submitted in response to this RFQ may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.
10. The undersigned bidder hereby submits this RFQ response and binds itself on award to the District under this RFQ to execute in accordance with such award a contract and to furnish the bond or bonds and insurance required by the RFQ. The RFQ, subsequent Addenda, bidder's Response Packet, and any attachments, shall constitute the Contract, and all provisions thereof are hereby accepted.

11. The undersigned acknowledges **ONE** of the following (please check only one box)*:

- ☐ Bidder is not an SBE and is ineligible for any bid preference; **OR**
- ☐ Bidder is an SBE or DVBE as described in the Contract Equity Program (CEP) and Equal Employment Opportunity (EEO) Guidelines, is requesting a 7% bid preference, and has completed the CEP and EEO forms at the hyperlink contained in the CEP and EEO section of this Exhibit A.

*If no box is checked, it will be assumed that the bidder is ineligible for bid preference and none will be given. For additional information on SBE bid preference, please refer to the Contract Equity Program and Equal Employment Opportunity Guidelines at the above referenced hyperlink.

Official Name of Bidder (exactly as it appears on Bidder's corporate seal and invoice): _____

Street Address Line 1: _____

Street Address Line 2: _____

City: _____ State: _____ Zip Code: _____

Webpage: _____

Type of Entity / Organizational Structure (check one):

- | | |
|--|--|
| <input type="checkbox"/> Corporation | <input type="checkbox"/> Joint Venture |
| <input type="checkbox"/> Limited Liability Partnership | <input type="checkbox"/> Partnership |
| <input type="checkbox"/> Limited Liability Corporation | <input type="checkbox"/> Non-Profit / Church |
| <input type="checkbox"/> Other: _____ | |

Jurisdiction of Organization Structure: _____

Date of Organization Structure: _____

Federal Tax Identification Number: _____

Department of Industrial Relations (DIR) Registration Number: _____

Primary Contact Information:

Name / Title: _____

Telephone Number: _____ Fax Number: _____

E-mail Address: _____

Street Address Line 1: _____

City: _____ State: _____ Zip Code: _____

SIGNATURE: _____

Name and Title of Signer (printed): _____

Dated this _____ day of _____ 20_____



BID FORM(S)

Cost shall be submitted on this Bid Form as is. The prices quoted shall not include Sales Tax or Use Tax; said tax, wherever applicable, will be paid by the District to the contractor, if licensed to collect, or otherwise directly to the State.

No alterations or changes of any kind to the Bid Form(s) are permitted. RFQ responses that do not comply may be subject to rejection in total. The cost quoted below shall be the cost the District will pay for the term of any contract that is a result of this RFQ process.

Please note: BIDDERS MUST BID ON ALL EIGHT SCHEDULES TO BE DEEMED RESPONSIVE

Quantities listed herein are annual estimates based on past usage and are not to be construed as a commitment. No minimum or maximum is guaranteed or implied.

SCHEDULE I – 26,000 lb. GVWR Cab Chassis

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	26,000 GVWR cab chassis, as specified.....	\$ _____	_____ %
	2 ea.	<i>Make</i> _____	\$ _____	
	3-5 ea.	<i>Model</i> _____	\$ _____	
	5 ea. or more		\$ _____	



SCHEDULE II – 26,000 lb. GVWR 4X4 Cab Chassis

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	26,000 GVWR 4X4 cab chassis, as specified.....	\$ _____	_____ %
	2 ea.	<i>Make</i> _____	\$ _____	
	3-5 ea.	<i>Model</i> _____	\$ _____	
	5 ea. or more		\$ _____	

SCHEDULE III – 35,000 lb. GVWR Cab Chassis

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	35,000 GVWR cab chassis, as specified.....	\$ _____	_____ %
	2 ea.	<i>Make</i> _____	\$ _____	
	3-5 ea.	<i>Model</i> _____	\$ _____	
	5 ea. or more		\$ _____	



SCHEDULE IV – 66,000 lb. GVWR Cab Chassis

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	66,000 GVWR cab chassis, as specified.....	\$ _____	_____ %
	2 ea.	<i>Make</i> _____	\$ _____	
	3-5 ea.	<i>Model</i> _____	\$ _____	
	5 ea. or more		\$ _____	

SCHEDULE V – 64,000 GVWR Cab Chassis

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	64,000 GVWR cab chassis, as specified.....	\$ _____	_____ %
	2 ea.	<i>Make</i> _____	\$ _____	
	3-5 ea.	<i>Model</i> _____	\$ _____	
	5 ea. or more		\$ _____	



SCHEDULE VI – 54,600 lb. GVWR Cab Chassis, Manual Transmission

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	54,600 GVWR cab chassis, manual transmission, as specified.....	\$ _____	_____ %
	2 ea.	Make _____	\$ _____	
	3-5 ea.	Model _____	\$ _____	
	5 ea. or more		\$ _____	

SCHEDULE VII – 54,600 lb. GVWR Cab Chassis, Automatic Transmission

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	54,600 GVWR cab chassis, automatic transmission, as specified.....	\$ _____	_____ %
	2 ea.	Make _____	\$ _____	
	3-5 ea.	Model _____	\$ _____	
	5 ea. or more		\$ _____	



SCHEDULE VIII – 72,500 lb. GVWR Cab Chassis

				Discount off Current Manufacturer's Published Price List
Item	Total Estimated Quantity	Description	Year 1 Unit Price Including Discount	Years 1 - 5
1	1 ea.	75,350 GVWR cab chassis, as specified.....	\$ _____	_____ %
	2 ea.	<i>Make</i> _____	\$ _____	
	3-5 ea.	<i>Model</i> _____	\$ _____	
	5 ea. or more		\$ _____	



REQUIRED DOCUMENTATION AND SUBMITTALS

All of the specific documentation listed below is required to be submitted with the Exhibit A – RFQ Response Packet. Bidders shall submit all documentation, in the order listed below, and clearly label each section of the RFQ response with the appropriate title (i.e. Table of Contents, Letter of Transmittal, Key Personnel, etc.).

1. **Description of the Proposed Equipment/System:** RFQ response shall include a description of the proposed equipment/system, as it will be finally configured during the term of the contract. The description shall specify how the proposed equipment/system will meet or exceed the requirements of the District and shall explain any advantages that this proposed equipment/system would have over other possible equipment/systems. The description shall include any disadvantages or limitations that the District should be aware of in evaluating the RFQ response. Finally, the description shall describe all product warranties provided by bidder.
2. **EXHIBIT D – MEDIUM AND HEAVY DUTY TRUCK EQUIPMENT SPECIFICATIONS:**
3. **Sustainability Statement:** Contractors shall submit a statement regarding any sustainable or environmental initiatives or practices that they or their suppliers engage in. This information can be in relation to the specific products procured under this RFQ or in relation to the manufacture, delivery, or office practices of your firm.

If applicable, please also provide any information you have available on the below:

- a. Has your firm taken steps to enhance its ability to assess, track and address issues regarding Greenhouse Gas (GHG) Emissions in answer to recent legislations such as the [Buy Clean California Act](#)? If so, please attach any data you can on the embedded greenhouse gas emissions in the production and transport of the products and/or services which will be provided via this RFQ. If this is not available, please describe the approach you plan to take in order to gather and report this information in the future. For further information in this topic, please see: <http://www.ghgprotocol.org/scope-3-technical-calculation-guidance>
4. **References:**
 - (a) Bidders must use the templates in the “References” section of this Exhibit A – RFQ Response Packet to provide references.
 - (b) References should have similar scope, volume, and requirements to those outlined in these specifications, terms, and conditions.

- Bidders must verify the contact information for all references provided is current and valid.
 - Bidders are strongly encouraged to notify all references that the District may be contacting them to obtain a reference.
- (c) The District may contact some or all of the references provided in order to determine Bidder's performance record on work similar to that described in this RFQ. The District reserves the right to contact references other than those provided in the RFQ response.

5. **Exceptions, Clarifications, Amendments:**

- (a) The RFQ response shall include a separate section calling out all clarifications, exceptions, and amendments, if any, to the RFQ and associated RFQ documents, which shall be submitted with Bidder's RFQ response using the template in the "Exceptions, Clarifications, Amendments" section of this Exhibit A – RFQ Response Packet. Any
- (b) **THE DISTRICT IS UNDER NO OBLIGATION TO ACCEPT ANY EXCEPTIONS, AND SUCH EXCEPTIONS MAY BE A BASIS FOR RFQ RESPONSE DISQUALIFICATION.**

6. **Contract Equity Program:**

- (a) Every bidder must fill out, sign, and submit the appropriate sections of the Contract Equity Program and Equal Employment Opportunity documents located at the hyperlink contained in the last page of this Exhibit A. Special attention should be given to completing Form P-25, "Contractor Employment Data and Certification". Any bidder needing assistance in completing these forms should contact the District's Contract Equity Office at (510) 287-0114 prior to submitting an RFQ response.



REFERENCES

RFQ No. 2002 – MEDIUM AND HEAVY DUTY TRUCKS

Bidder Name: _____

Bidder must provide a minimum of three (3) references.

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	



EXCEPTIONS, CLARIFICATIONS, AMENDMENTS

RFQ No. 2002 – MEDIUM AND HEAVY DUTY TRUCKS

Bidder Name: _____

List below requests for clarifications, exceptions, and amendments, if any, to the RFQ and associated RFQ Documents, and submit with bidder's RFQ response. **The District is under no obligation to accept any exceptions and such exceptions may be a basis for RFQ response disqualification.**

Reference to:			Description
Page No.	Section	Item No.	
p. 23	D	1.c.	<i>Bidder takes exception to...</i>

*Print additional pages as necessary



CONTRACT EQUITY PROGRAM & EQUAL EMPLOYMENT OPPORTUNITY

The District's Board of Directors adopted the Contract Equity Program (CEP) to enhance equal opportunities for business owners of all races, ethnicities, and genders who are interested in doing business with the District. The program has contracting objectives, serving as the minimum level of expected contract participation for the three availability groups: white-men owned businesses, white-women owned businesses, and ethnic minority owned businesses. The contracting objectives apply to all contracts that are determined to have subcontracting opportunities, and to all contractors regardless of their race, gender or ethnicity.

All Contractors and their subcontractors performing work for the District must be Equal Employment Opportunity (EEO) employers, and shall be bound by all laws prohibiting discrimination in employment. There shall be no discrimination against any person, or group of persons, on account of race, color, religion, creed, national origin, ancestry, gender including gender identity or expression, age, marital or domestic partnership status, mental disability, physical disability (including HIV and AIDS), medical condition (including genetic characteristics or cancer), genetic information, or sexual orientation.

Contractor and its subcontractors shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin in the performance of this contract. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

All Contractors shall include the nondiscrimination provisions above in all subcontracts.

Please include the required completed forms with your bid.

Non-compliance with the Guidelines may deem a bid non-responsive, and therefore, ineligible for contract award. Your firm is responsible for:

- 1) Reading and understanding the CEP guidelines.
- 2) Filling out and submitting with your bid the appropriate forms.

The CEP guidelines and forms can be found at the following direct link:

[Contract Equity Guidelines and Forms](#)

The CEP guidelines and forms can also be downloaded from the District website at the following link:

<http://ebmud.com/business-center/contract-equity-program/>

If you have questions regarding the Contract Equity Program please call (510) 287-0114.



EXHIBIT B

INSURANCE REQUIREMENTS

Insurance certificates are not required at the time of submission; however, by signing Exhibit A – RFQ Response Packet, the bidder agrees to meet the minimum insurance requirements stated in the RFQ. This documentation must be provided to the District, prior to award.

For any coverage that is provided on a claims-made coverage form (which type of form is permitted only where specified) the retroactive date must be shown and must be before the date of this Agreement, and before the beginning of any Services related to this Agreement.

The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

The following are the minimum insurance limits, required by the District, to be held by the Contractor performing on this RFQ:

INSURANCE

A. Insurance Requirements

CONTRACTOR shall take out and maintain during the life of the Agreement all the insurance required in this section, and if requested shall submit certificates for review and approval by the District. The Notice to Proceed shall not be issued, and CONTRACTOR shall not commence work until such insurance has been approved by the District. The certificates shall be on forms approved by the District. Acceptance of the certificates shall not relieve CONTRACTOR of any of the insurance requirements, nor decrease the liability of CONTRACTOR. The District reserves the right to require CONTRACTOR to provide insurance policies for review by the District.

B. Workers Compensation Insurance

CONTRACTOR shall take out and maintain during the life of the Agreement Workers Compensation Insurance for all of its employees on the project. In lieu of evidence of Workers Compensation Insurance, the District will accept a Self-Insured Certificate from the State of California. CONTRACTOR shall require any subcontractor to provide it with evidence of Workers Compensation Insurance.

Waiver of Subrogation. Workers' Compensation insurance must contain a waiver of subrogation endorsement providing that each insurer waives any rights of recovery by subrogation, or

otherwise, against the DISTRICT, its directors, officers, officials, agents, volunteers, and employees. CONSULTANT shall defend and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier.

C. Commercial General Liability Insurance

CONTRACTOR shall take out and maintain during the life of the Agreement Automobile and General Liability Insurance that provides protection from claims which may arise from operations or performance under this Agreement. If CONTRACTOR elects to self-insure (self-fund) any liability exposure during the contract period above \$50,000, CONTRACTOR is required to notify the District immediately. Any request to self-insure must first be approved by the District before the changed terms are accepted. CONTRACTOR shall require any subcontractor to provide evidence of liability insurance coverages.

The amounts of insurance shall be not less than the following:

\$2,000,000/Occurrence, Bodily Injury, Property Damage -- Automobile.

\$2,000,000/Occurrence, Bodily Injury, Property Damage -- General Liability.

The following coverages or endorsements must be included in the policy(ies):

1. The District, its Directors, officers, and employees are Additional Insureds in the policy(ies) as to the work being performed under the contract.
2. The coverage is *Primary and non-contributory* to any other applicable insurance carried by the District.
3. The policy(ies) covers *contractual liability*.
4. The policy(ies) is written on an *occurrence* basis.
5. The policy(ies) covers the District's Property in Consultant's care, custody, and control.
6. The policy(ies) covers *personal injury* (libel, slander, and wrongful entry and eviction) liability.
7. The policy(ies) covers *products and completed operations*.
8. The policy(ies) covers the use of *owned, non-owned* and hired automobiles.
9. The policy(ies) will not be canceled nor the above coverages/endorsements reduced without 30 days written notice to East Bay Municipal Utility District at the address above.

GENERAL REQUIREMENTS**CONTENTS**

1. DEFINITIONS
2. BOND
3. CONTRACTOR'S FINANCIAL OBLIGATION
4. SAMPLES OR SPECIMENS
5. MATERIAL AND WORKMANSHIP
6. DEFECTIVE WORK
7. WARRANTY
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12. PAYROLL RECORDS & ELECTRONIC SUBMISSION
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20. ORDER OF PRECEDENCE
21. INDEMNIFICATION/RESPONSIBILITY
22. PROHIBITION OF ASSIGNMENT
23. NEWS RELEASES
24. SEVERABILITY
25. COVENANT AGAINST GRATUITIES
26. RIGHTS AND REMEDIES OF THE DISTRICT
27. WAIVER OF RIGHTS
28. CONFIDENTIALITY

1. DEFINITIONS

The following terms shall be given the meaning shown, unless context requires otherwise or a unique meaning is otherwise specified.

- a. **"Change Order"** A Change Order is a written instrument used for modifying the contract with regards to the scope of Work, contract sum, and/or Contract Time. An approved Change Order is a Change Order signed by the District. An executed Change Order is a Change Order signed by both the District and the Contractor.

- b. **“Contract”** means the agreement between the District and Contractor as memorialized in the Contract Documents.
- c. **“Business Entity”** means any individual, business, partnership, joint venture, corporation, sole proprietorship, or other private legal entity recognized by statute.
- d. **“Buyer”** means the District’s authorized contracting official.
- e. **“Contract Documents”** comprise the entire agreement between the District and the Contractor and can include the District’s contract form if used, any purchase order, RFP, RFQ or Contractor response packet, and any addenda, appendices and District approved changes or amendments. The Contract Documents are intended to be complementary and include all items necessary for the Contractor’s proper execution and completion of the Work. Any part of the Work not shown or mentioned in the Contract Documents that is reasonably implied, or is necessary or usual for proper performance of the Work, shall be provided by the Contractor at its expense.
- f. **“Contractor”** means the Business Entity with whom the District enters into a contractual agreement. Contractor shall be synonymous with “supplier”, “vendor”, “consultant” or other similar term.
- g. **“Day”** unless otherwise specified, days are calendar days, measured from midnight to the next midnight.
- h. **“District”** means the East Bay Municipal Utility District, its employees acting within the scope of their authority, and its authorized representatives.
- i. **“Goods”** means off the shelf software and all types of tangible personal property, including but not limited to materials, supplies, and equipment.
- j. **“Project Manager”** shall be the District designated individual responsible for administering and interpreting the terms and conditions of the Contract Documents, for matters relating to the Contractor’s performance under the Contract with the District, and for liaison and coordination between the District and Contractor.
- k. **“Work”** means all labor, tasks, materials, supplies, and equipment required to properly fulfill the Contractor’s obligations as required in the Contract Documents.
- l. **“Work Day”** Unless otherwise specified, work day includes all days of the year except Saturdays, Sundays and District holidays.

2. BOND

- a. When required in the District’s bid or proposal solicitation documents, the Contractor to whom award is made shall furnish a good and approved faithful performance bond and/or payment bond within ten business days after receiving the forms for execution.
- b. The bonds shall be executed by a sufficient, admitted surety insurer (i.e.: as listed on website [http://interactive.web.insurance.ca.gov/webuser/idb_co_list\\$.startup](http://interactive.web.insurance.ca.gov/webuser/idb_co_list$.startup)) admitted to transact such business in California by the California Department of Insurance. After acceptance of the bond(s) by the District, a copy of the bond(s) will be

returned to the Contractor.

- c. If, during the continuance of the Contract, any of the sureties, in the opinion of the District, are or become irresponsible, the District may require other or additional sureties, which the Contractor shall furnish to the satisfaction of the District within ten days after notice. If the Contractor fails to provide satisfactory sureties within the ten-day period, the Contract may be terminated for cause under Article 18.

3. CONTRACTOR'S FINANCIAL OBLIGATION

The Contractor shall promptly make payments to all persons supplying labor and materials used in the execution of the contract.

4. SAMPLES OR SPECIMENS

The Contractor shall submit samples or prepare test specimens of such materials to be furnished or used in the work as the Project Manager may require.

5. MATERIAL AND WORKMANSHIP

- a. All goods and materials must be new and of the specified quality and equal to approved sample, if samples have been required. In the event any goods or materials furnished or services provided by the Contractor in the performance of the Contract fail to conform to the requirements, or to the sample submitted by the Contractor, the District may reject the same, and it shall become the duty of the Contractor to reclaim and remove the item promptly or to correct the performance of services, without expense to the District, and immediately replace all such rejected items with others conforming to the Contract. All work shall be done and completed in a thorough, workmanlike manner, notwithstanding any omission from these specifications or the drawings, and it shall be the duty of the Contractor to call attention to apparent errors or omissions and request instructions before proceeding with the work. The Project Manager may, by appropriate instructions, correct errors and supply omissions, which instructions shall be binding upon the Contractor as though contained in the original Contract Documents.
- b. All materials furnished and all Work must be satisfactory to the Project Manager. Work, material, or machinery not in accordance with the Contract Documents, in the opinion of the Project Manager, shall be made to conform.

6. DEFECTIVE WORK

The Contractor shall replace at its own expense any part of the work that has been improperly executed, as determined by the Project Manager. If Contractor refuses or neglects to replace such defective work, it may be replaced by the District at the expense of the Contractor, and its sureties shall be liable therefor.

7. WARRANTY

Contractor expressly warrants that all goods furnished will conform strictly with the specifications and requirements contained herein and with all approved submittals, samples and/or models and information contained or referenced therein, all affirmations of fact or promises, and will be new, of merchantable quality, free from defects in materials and

workmanship, including but not limited to leaks, breaks, penetrations, imperfections, corrosion, deterioration, or other kinds of product deficiencies. Contractor expressly warrants that all goods to be furnished will be fit and sufficient for the purpose(s) intended. Contractor expressly warrants that all goods shall be delivered free from any security interest, lien or encumbrance of any kind, and free from any claim of infringement, copyright or other intellectual property violation, or other violation of laws, statutes, regulations, ordinances, rules, treaties, import restrictions, embargoes or other legal requirements. Contractor guarantees all products and services against faulty or inadequate design, manufacture, negligent or improper transport, handling, assembly, installation or testing, and further guaranties that there shall be strict compliance with all manufacturer guidelines, recommendations, and requirements, and that Contractor guaranties that it will conform to all requirements necessary to keep all manufacturer warranties and guarantees in full force and effect. These warranties and guarantees are inclusive of all parts, labor and equipment necessary to achieve strict conformance, and shall take precedence over any conflicting warranty or guarantee. These warranties and guarantees shall not be affected, limited, discharged or waived by any examination, inspection, delivery, acceptance, payment, course of dealing, course of performance, usage of trade, or termination for any reason and to any extent. In the absence of any conflicting language as to duration, which conflicting language will take precedence as being more specific, Contractor's aforesaid warranties and guarantees shall be in full force and effect for a period of **one** year from the date of acceptance by the District, but shall continue in full force and effect following notice from District of any warranty or guarantee issue, until such issue has been fully resolved to the satisfaction of District.

8. NOT USED

9. SAFETY AND ACCIDENT PREVENTION

In performing work under the Contract on District premises, Contractor shall conform to any specific safety requirements contained in the Contract or as required by law or regulation. Contractor shall take any additional precautions as the District may reasonably require for safety and accident prevention purposes. Any violation of such rules and requirements, unless promptly corrected, shall be grounds for termination of this Contract or Contractor's right to precede in accordance with the default provisions of the Contract Documents.

10. CHARACTER OF WORKFORCE

The Contractor shall employ none but skilled competent qualified personnel to perform the Work, and shall maintain discipline and order in the conduct of the Work at all times.

11. PREVAILING WAGES & DIR REGISTRATION

- a. Please see www.dir.ca.gov for further information regarding the below.
- b. All Contractors and Subcontractors of any tier bidding on, or offering to perform work on a public works project shall first be registered with the State Department of Industrial Relations (DIR) pursuant to Section 1725.5 of the Labor Code. No bid will be accepted nor any contract entered into without proof of the Contractor and Subcontractors' current registration with the DIR (LC § 1771.1).
- c. All public works projects awarded after January 1, 2015, are subject to compliance monitoring and enforcement by the DIR (LC § 1771.4) and all Contractors are required

to post job site notices, "as prescribed by regulation" (LC § 1771.4).

- d. To the extent applicable, pursuant to Section 1773 of the Labor Code, the District has obtained from the Director of Industrial Relations of the State of California, the general prevailing rates of per diem wages and the general prevailing rates for holiday and overtime work in the locality in which the Work is to be performed, for each craft, classification, or type of worker needed to execute the contract. Pursuant to Section 1773.2 of the Labor Code, a copy of the prevailing wage rates is on file with the District and available for inspection by any interested party at www.dir.ca.gov.
- e. The holidays upon which such rates shall be paid shall be all holidays recognized in the collective bargaining agreement applicable to the particular craft, classification, or type of worker employed on the Work.
- f. The Contractor shall post a copy of the general prevailing rate of per diem wages at the jobsite pursuant to Section 1773.2 of the Labor Code.
- g. Pursuant to Section 1774 of the Labor Code, the Contractor and any of its Subcontractors shall not pay less than the specified prevailing rate of wages to all workers employed in the execution of the contract.
- h. As set forth with more specificity in Section 1773.1 of the Labor Code, "per diem" wages include employer payments for health and welfare, pension, vacation, travel, subsistence and, in certain instances, apprenticeship or other training programs, and shall be paid at the rate and in the amount spelled out in the pertinent prevailing wage determinations issued by the Director of Industrial Relations.
- i. The Contractor shall, as a penalty to the State or the District, forfeit not more than the maximum set forth in Section 1775 of the Labor Code for each calendar day, or portion thereof, for each worker paid less than the prevailing rates for the work or craft in which the worker is employed under the contract by the Contractor or by any Subcontractor under him. The difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which such worker was paid less than the stipulated prevailing wage rate shall be paid to such worker by the Contractor.
- j. The specified wage rates are minimum rates only and the District will not consider and shall not be liable for any claims for additional compensation made by the Contractor because of its payment of any wage rate in excess of the general prevailing rates. All disputes in regard to the payment of wages in excess of those specified herein shall be adjusted by the Contractor at its own expense.
- k. General prevailing wage determinations have expiration dates with either a single asterisk or a double asterisk. Pursuant to California Code of Regulations, Title 8, Section 16204, the single asterisk means that the general prevailing wage determination shall be in effect for the specified contract duration. The double asterisk means that the predetermined wage modification shall be paid after the expiration date. No adjustment in the Contract Sum will be made for the Contractor's payment of these predetermined wage modifications.

12. PAYROLL RECORDS & ELECTRONIC SUBMISSION

- a. The Contractor and each Subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the Work. The payroll records shall be certified and shall be available for inspection in accordance with the provisions of Section 1776 of the Labor Code. Certified payroll records shall be on the forms provided by the DIR or contain the same information required on the Department's form.
- b. The Contractor shall submit for each week in which any contract Work is performed a copy of all payroll records to the Project Manager. The Contractor shall be responsible for submission of copies of payroll records of all Subcontractors.
- c. The Contractor or Subcontractor shall certify the payroll records as shown on the DIR form. In addition, the records shall be accompanied by a statement signed by the Contractor or Subcontractor certifying that the classifications truly reflect the Work performed and that the wage rates are not less than those required to be paid.
- d. For public works projects awarded on or after April 1, 2015, or that are still ongoing after April 1, 2016, no matter when awarded, each Contractor and Subcontractor shall furnish the certified payroll related records as more specifically described above and in Labor Code section 1776 directly to the Labor Commissioner (see LC § 1771.4). These records shall be provided to the Labor Commissioner at least monthly or more frequently if required by the terms of the Contract. For exception on projects covered by collective bargaining agreements like a PLA, please see Labor Code section 1771.4.
- e. In the event of noncompliance with the requirements of Section 1776 of the Labor Code, the Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with said Section. Should noncompliance still be evident after such 10-day period, the Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1776 of the Labor Code for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payments then due.
- f. The Contractor and every Subcontractor shall post at the workplace and comply with all required wage related workplace postings. Copies of the required postings may be downloaded or ordered electronically from the Department of Industrial Relations website at <http://www.dir.ca.gov/wpnodb.html>.

13. HOURS OF LABOR

Pursuant to the provisions of Sections 1810, et seq. of the Labor Code and any amendments thereof:

- a. Eight hours of labor constitutes a legal day's Work under the contract.

- b. The time of service of any worker employed upon the work shall be limited and restricted to eight hours during any one calendar day, and forty hours during any one calendar week except as provided in Article 13.iv below.
- c. The Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1813 of the Labor Code for each worker employed in the execution of the contract by the Contractor or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any calendar day and forty hours in any one calendar week in violation of this Article and the provisions of Labor Code, Sections 1810, et seq.
- d. Work performed by employees of the Contractor in excess of eight hours per day, and forty hours during any one calendar week, shall be permitted upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.
- e. The Contractor and every Subcontractor shall keep an accurate record showing the name of and the actual hours worked each calendar day and each calendar week by each worker employed by him in connection with the Work; the record shall be kept open at all reasonable hours to the inspection of the District and to the Division of Labor Standards Enforcement of the State of California.

14. EMPLOYMENT OF APPRENTICES

- a. In the performance of the contract, the Contractor and any Subcontractor shall comply with the provisions concerning the employment of apprentices in Section 1777.5 of the Labor Code and any amendments thereof.
- b. In the event the Contractor or any Subcontractor willfully fails to comply with the aforesaid section, such Contractor or Subcontractor shall be subject to the penalties for noncompliance in Labor Code, Section 1777.7.

15. CHANGES

- a. Changes in the Work can only be made in writing signed by an authorized employee of the District. If the change causes an increase or decrease in the contract sum, or a change in the time for performance under the Contract, an adjustment may be made as determined by the Project Manager.
- b. The District reserves the right to make changes in the design of materials, equipment, or machinery, to make alterations or additions to or deviations or subtractions from the Contract and any specifications and drawings, to increase or decrease the required quantity of any item or portion of the Work or to omit any item or portion of the Work, as may be deemed by the Project Manager to be necessary or advisable and to order such extra work as may be determined by the Project Manager to be required for the proper execution and completion of the whole Work contemplated. Any such changes will be ordered in writing by the Project Manager. The determination of the Project Manager on all questions relating to changes, including extra work, shall be conclusive and binding.

- c. Prior to issuing an amendment or change to the Contract, the Project Manager may request that the Contractor submit a proposal covering the changes. Within 10 business days of receiving the request, the Contractor shall submit its proposal to the Project Manager of all costs associated with the proposed amendment or change and any request for an extension of Contract time. Contractor's proposal shall include detailed estimates with cost breakdowns, including labor, material, equipment, overhead, and profit. Labor shall be broken down into hours and rate per hour. If applicable, the proposal shall include a breakdown for off-site labor (including factory labor, engineering, etc.). The Contractor's proposal shall include an analysis of schedule impact when the Contractor is requesting an adjustment in contract time. The Contractor shall be responsible for any delay associated with its failure to submit its change proposal within the time specified. If the Project Manager decides not to issue an amendment or change after requesting a proposal from the Contractor, the Contractor will be notified in writing. The Contractor is not entitled to reimbursement for Change Order preparation costs if the Contractor's proposal is not accepted by the Project Manager.
- d. If the Contractor agrees with the terms and conditions of the approved Change Order, the Contractor shall indicate its acceptance by signing the original copy and returning it to the Project Manager within 10 Work Days after receipt or with reasonable promptness and in such sequence as to not delay the Work or activities of the District or of separate contractors, whichever is sooner. If notice of any change is required to be given to a surety by the provisions of any bond, the Contractor shall provide notice and the amount of each applicable bond shall be adjusted separately. Payment in accordance with the terms and conditions set forth in the executed Change Order shall constitute full compensation for all Work included in the Change Order and the District will be released from any and all claims for direct, indirect, and impact expenses and additional time impact resulting from the Work. If the Contractor disagrees with the terms and conditions of the approved Change Order, the Contractor shall indicate specific areas of disagreement and return the approved Change Order to the Project Manager with a detailed written dispute. No payment will be made on the disputed work until the approved Change Order is returned to the Project Manager. However, whether or not the Contractor agrees with the terms and conditions of an approved Change Order, the Contractor shall immediately revise its sequence of operations as required to facilitate timely completion of the changed work and shall proceed with the revised work sequence.
- e. The Project Manager may, after having received a written cost quotation from the Contractor, order the Contractor, in writing, to proceed with the work prior to issuance of an approved Change Order through a change directive. The change directive will authorize the Contractor to proceed with the work subject to the cost quotation submitted by the Contractor. Within five days following receipt of the change directive, the Contractor shall submit a detailed change proposal documenting the amount of compensation. The Project Manager will review the change proposal and, at its option, will either issue an approved Change Order for the work or direct the Contractor to perform the work through Force Account. Until the method of compensation is determined and the approved Change Order is received, the Contractor shall keep full and complete time and material records of the cost of the ordered work and shall permit the Project Manager to have access to such records. An approved Change Order shall supersede any previously issued written change directive covering the same Work.

16. EFFECT OF EXTENSIONS OF TIME

The granting, or acceptance, of extensions of time to complete the Work or furnish the labor, supplies, materials or equipment, or any one of the aforementioned, will not operate as a release of Contractor or the surety on Contractor's faithful performance bond.

17. DELAYS

- a. The Contractor shall take reasonable precautions to foresee and prevent delays to the Work. When the Contractor foresees a delay event, and upon the occurrence of a delay event, the Contractor shall immediately notify the Project Manager of the probability or the actual occurrence of a delay, and its cause. With respect to all delays (compensable, excusable or inexcusable), the Contractor shall reschedule the Work and revise its operations, to the extent possible, to mitigate the effects of the delay. Within 15 days from the beginning of a delay the Contractor shall provide the Project Manager with a detailed written description of the delay, its cause, its impact and the Contractor's mitigation plans. Failure to provide the notification required above waives the Contractor's right to any additional time or compensation resulting from the delay for whatever cause. The Project Manager will investigate the facts and ascertain the extent of the delay, and the Project Manager's findings thereon shall be final and conclusive, except in the case of gross error. An extension of time must be approved by the Project Manager to be effective, but an extension of time, whether with or without consent of the sureties, shall not release the sureties from their obligations, which shall remain in full force until the discharge of the contract.
- b. For inexcusable delays (delays caused by circumstances within the Contractor's control, the control of its subcontractors or supplies of any tier, or within the scope of the Contractor's contract responsibilities) the Contractor shall not be entitled to an extension of time or additional compensation for any loss, cost, damage, expense or liability resulting directly or indirectly from the inexcusable delay.
- c. For excusable delays (delays to completion of the Work within the time limits set forth in the Contract Documents directly caused by events beyond the control of both the Contractor and the District, which delay is not concurrent with an inexcusable delay and which could not have been avoided by the Contractor through reasonable mitigation measures).
- d. For compensable delays (delays to completion of the Work within the time limits set forth in the Contract Documents that could not be avoided by Contractor mitigation, caused directly and solely by the District or by causes within the exclusive control of the District, and which were not concurrent with any other type of delay) the Project Manager will grant the Contractor an extension of the time to perform under the Contract and compensation in an amount that represents the Contractor's actual direct costs incurred as a direct result of the compensable delay. The Contractor may recover its direct costs only and may not recover (and waives) all other types of indirect, consequential, special and incidental damages.
- e. For concurrent delays (two or more independent causes of delay directly preventing the Contractor from completing the Work within the time limits set forth in the Contract Documents where the delays occur at the same time during all or a portion of the delay period being considered, and where each of the delays would have caused delay to the

Contractor even in the absence of any of the other delays, and none of the delays could have been avoided by Contractor mitigations) the following rules apply:

- i. One or more of the concurrent delays are excusable or compensable, then the period of concurrent delay will be treated as an excusable delay; and
- ii. All of the concurrent delays are inexcusable, then the period of concurrent delay will be inexcusable.

18. TERMINATION

a. Termination by the District for Cause:

- i. District may terminate the Contractor's right to proceed under the Contract, in whole or in part, for cause at any time after the occurrence of any of the following events, each of which constitutes a default:
 - 1. The Contractor becomes insolvent or files for relief under the bankruptcy laws of the United States.
 - 2. The Contractor makes a general assignment for the benefit of its creditors or fails to pay its debts as the same become due.
 - 3. A receiver is appointed to take charge of the Contractor's property.
 - 4. The Contractor fails to supply skilled supervisory personnel, an adequate number of properly skilled workers, proper materials, or necessary equipment to prosecute the Work in accordance with the Contract Documents.
 - 5. The Contractor fails to make progress so as to endanger performance of the Work within the contractually required time.
 - 6. The Contractor disregards legal requirements of agencies having jurisdiction over the Work, the Contractor, or the District.
 - 7. The Contractor fails to provide the District with a written plan to cure a District identified default within five business days after the District's request for a plan to cure; the District does not accept the Contractor's plan for curing its default; or the Contractor does not fully carry out an accepted plan to cure.
 - 8. The Contractor abandons the Work. Abandonment is conclusively presumed when the District requests a written plan to cure a default and the Contractor does not submit the plan within five business days of the District's request.

9. The Contractor materially fails to meet its obligations in accordance with the Contract Documents.
10. The Contractor is in default of any other material obligation under the Contract Documents.

- ii. If any of the above events occur, the District may, in its discretion, require that the Contractor submit a written plan to cure its default, which plan must be provided to the District within 5 business days of the request and must include a realistic, executable plan for curing the noted defaults.
- iii. Upon any of the occurrences referred to in Article 18.a.i. above, the District may, at its election and by notice to the Contractor, terminate the Contract in whole or in part; accept the assignment of any or all of the subcontracts; and then complete the Work by any method the District may deem expedient. If requested by the District, the Contractor shall remove any part or all of the Contractor's materials, supplies, equipment, tools, and machinery from the site of the Work within seven days of such request; and, if the Contractor fails to do so, the District may remove or store, and after 90 days sell, any of the same at the Contractor's expense.
- iv. No termination or action taken by the District after termination shall prejudice any other rights or remedies of the District provided by law or by the Contract Documents.
- v. Conversion: If, after termination for other than convenience, it is determined that the Contractor was not in default or material breach, or that the default or material breach was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for convenience pursuant to Article 18.b. below.

b. Termination by the District for Convenience:

- i. The District may, at its option, and for its convenience, terminate the Contract at any time by giving written notice to the Contractor specifying the effective date of termination. Upon such termination, the Contractor agrees to comply with the notice and further agrees to waive any claims for damages, including loss of anticipated profits, on account of the termination; and, as the sole right and remedy of the Contractor, the District shall pay the Contractor as set forth below.
- ii. Upon receipt of a notice of termination for convenience, the Contractor shall, unless the notice directs otherwise, do the following:

1. Immediately discontinue its performance of the Contract to the extent specified in the notice.
 2. Place no further orders or subcontracts for materials, equipment, services, or facilities, except as may be necessary for completion of a portion of the Work that is not discontinued or that is necessary for an orderly cessation of the Work.
 3. Promptly cancel, on the most favorable terms reasonably possible, all subcontracts to the extent they relate to the performance of the discontinued portion of the Work.
 4. Thereafter, do only such Work as may be necessary to preserve and protect Work already in progress and to protect materials, plants, and equipment in transit to or on the site of performance.
- iii. Upon such termination for convenience, the District will pay to the Contractor the sum of the following:
1. The amount of the contract sum allocable to the portion of the Work properly performed by the Contractor as of the effective date of termination, less sums previously paid to the Contractor.
 2. Previously unpaid costs of any items delivered to the project site that were already fabricated for subsequent incorporation into the Work.
 3. Any proven losses with respect to materials and equipment directly resulting from the termination.
 4. Reasonable demobilization costs.
- iv. The above reimbursement is the sole and exclusive remedy to which the Contractor is entitled in the event the contract is terminated for convenience; and the Contractor expressly waives any other claims, damages, demands, compensation or recovery related to this contract or project. The Contractor agrees to sign a general release incorporating this waiver.
- c. Effect of Termination: Upon termination, the obligations of the Contract shall continue as to portions of the Work already performed and, subject to the Contractor's obligations under Article 18.b.ii, as to bona fide obligations assumed by the Contractor prior to the date of termination.
- d. Force Majeure: If the contract is suspended or terminated by the District because Contractor's performance is prevented or delayed by an event including an irresistible, superhuman cause, or by the act of public enemies of the State of

California or of the United States ("Force Majeure") , the Contractor will be paid for Work performed prior to the Force Majeure event at either (i) the unit prices named in the Contract; or (ii) in the event no unit prices are named, a sum equal to the percentage of the total contract amount that matches the percentage of the total contract Work performed prior to the Force Majeure event.

19. DAMAGES

All losses or damages to material or equipment to be furnished pursuant to the Contract Documents occurring prior to receipt and final acceptance of the Work shall be sustained by the Contractor. The Contractor shall sustain all losses arising from unforeseen obstructions or difficulties, either natural or artificial, encountered in the prosecution of the Work, or from any action of the elements prior to final acceptance of the work, or from an act or omission on the part of the Contractor not authorized by the Contract Documents.

20. ORDER OF PRECEDENCE

- a. In the case of conflicts, errors, or discrepancies in any of the Contract Documents, the order of precedence is as follows. Within the same order of precedence, specific requirements shall take precedence over general requirements.
 - i. Approved Change Orders.
 - ii. Addenda.
 - iii. RFQ or RFP.
 - iv. Referenced Standard Specifications and Drawings.
 - v. Contractor's Response Packet.
- b. With reference to drawings:
 - i. Numerical dimensions govern over scaled dimensions.
 - ii. Detailed drawings govern over general drawings.
 - iii. Addenda/Change Order drawings govern over contract drawings.
 - iv. Contract drawings govern over standard drawings.
 - v. Notes apply only to the drawing where the notes appear, unless classified as "typical" or intended to apply elsewhere in which case they apply to all drawings where the conditions or circumstance noted occurs.
 - vi. Typical details apply to all drawings unless a specific different detail is shown.

21. INDEMNIFICATION/RESPONSIBILITY

- a. Contractor shall indemnify, keep and save harmless the District and each of its directors, officers, agents and employees against any and all suits, claims or actions arising out of

any of the following:

- i. Any injury to persons or property that may occur, or that may be alleged to have occurred, arising from the performance or implementation of this Contract; or
 - ii. Any allegation that materials or services developed, provided or used for this Contract infringe or violate any copyright, trademark, patent, trade secret, or any other intellectual-property or proprietary right of any third party.
- b. Contractor further agrees to defend any and all such actions, suits or claims and pay all charges of attorneys and all other costs and expenses of defenses as they are incurred. If any judgment is rendered, or settlement reached, against the District or any of the other agencies or individuals enumerated above in any such action, Contractor shall, at its expense, satisfy and discharge the same.
- c. This indemnification shall survive termination or expiration of the Contract.

22. PROHIBITION OF ASSIGNMENT

The Contractor shall not assign, transfer, or otherwise dispose of any of its rights, duties or obligations under this Contract. This prohibition does not apply to the District. The District retains the right to assign this Contract in whole or in part at any time upon reasonable terms.

23. NEWS RELEASES

The Contractor, its employees, subcontractors, and agents shall not refer to the District, or use any logos, images, or photographs of the District for any commercial purpose, including, but not limited to, advertising, promotion, or public relations, without the District's prior written consent. Such written consent shall not be required for the inclusion of the District's name on a customer list.

24. SEVERABILITY

Should any part of the Contract be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of the Contract, which shall continue in full force and effect, provided that the remainder of the Contract can be interpreted to give effect to the intentions of the parties.

25. COVENANT AGAINST GRATUITIES

The Contractor warrants that no gratuities (in the form of entertainment, gifts, or otherwise) were offered or given by the Contractor, or any agent or representative of the Contractor, to any officer or employee of the District with a view toward securing the Contract or securing favorable treatment with respect to any determinations concerning the performance of the Contract. For breach or violation of this warranty, the District shall have the right to terminate the Contract, either in whole or in part, and any loss or damage sustained by the District in procuring on the open market any items which Contractor agreed to supply shall be borne and paid for by the Contractor. The rights and remedies of the District provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided by law or in

equity.

26. RIGHTS AND REMEDIES OF THE DISTRICT

The rights and remedies of the District provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract.

27. WAIVER OF RIGHTS

Any action or inaction by the District or the failure of the District on any occasion, to enforce any right or provision of the Contract, shall not be construed to be a waiver by the District of its rights and shall not prevent the District from enforcing such provision or right on any future occasion. Rights and remedies are cumulative and are in addition to any other rights or remedies that the District may have at law or in equity.

28. CONFIDENTIALITY

Contractor agrees to maintain in confidence and not disclose to any person or entity, without the District's prior written consent, any trade secret or confidential information, knowledge or data relating to the products, process, or operation of the District. Contractor further agrees to maintain in confidence and not to disclose to any person or entity, any data, information, technology, or material developed or obtained by Contractor during the term of the Contract. The covenants contained in this paragraph shall survive the termination of this Contract for whatever cause.



EXHIBIT D – MEDIUM AND HEAVY DUTY TRUCK EQUIPMENT SPECIFICATIONS

BIDDER IS INSTRUCTED TO NOTATE NEXT TO ANY SPECIFIED EQUIPMENT LINE ITEM THE MAKE OR MODEL NUMBER OF ANY EQUIPMENT BEING BID THAT IS NOT AS SPECIFIED

A COPY OF THESE EXHIBIT D SPECIFICATIONS MUST BE SUBMITTED WITH EXHIBIT A – RFQ RESPONSE PACKET

SCHEDULE I

GENERAL DESCRIPTION

New model of current production 26,000 lb. gross vehicle weight rated (GVWR) conventional cab chassis. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 100" or approximate
- b. Bumper to back of cab 106"
- c. Wheelbase 165"
- d. Frame overhang 100" or approximate

2. FRAME

- a. 50,000 psi, single channel continuous depth
- b. 12.7 section modulus
- c. 635,000 RBM
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 260 HP @ rated RPM
- c. 660 ft/lb torque @ rated RPM
- d. Non-variable turbocharged with air-to-air aftercooler
- e. Cartridge series fuel filter/water separator
- f. Full-flow cartridge lube oil filter
- g. CARB compliant onboard diagnostics
- h. Must have California Clean Idle Certification
- i. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- j. Compression style engine brake
- k. Engine remote harness for body upfitter

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 50 gallon short rectangular tank
- b. Locking fuel cap
- c. 6 gallon Diesel Exhaust Fluid
- d. Clear back of cab

6. TRANSMISSION

- a. Allison 3000 RDS
- b. PTO provisions to support hydraulic pump or air compressor systems
- c. Dash mounted shift selector

- d. Manufacturer approved synthetic transmission fluid
- e. Transmission connector firewall mounted
- f. Truck OEM mounted PTO when required

7. AXLES

- a. Drive axle
 - i. Eaton or Rockwell RS 21-160 21,000 lb. single speed
 - ii. Ratio to provide maximum geared road speed of 65 MPH as powertrain and tires are specified
 - iii. Unitized oil seals with synthetic oil
- b. Steering axle
 - i. 10,000 lb. drop beam
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends

8. STEERING

- a. Manufacturer's integral power steering with filter

9. SUSPENSION

- a. Drive axle
 - i. 20,000 lb. @ ground, leaf spring set with auxiliary load leveler spring
- b. Front axle
 - i. 10,000 lb. @ ground, tapered leaf spring set with double acting shock absorbers

10. BRAKES

- a. General
 - i. Full air systems shall include 20 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system
 - vi. Non-asbestos brake shoes
 - vii. OEM mounted electric brake controller with 7-way RV style plug with battery charge wire. No aftermarket conversion adapters
 - viii. Fiberbraid air lines to brake chambers
 - ix. No torpedo air tanks
- b. Rear axle
 - i. Meritor Q-Plus 16.5" X 7" series. Full air "S" cam type.
 - ii. Type 30-30 spring brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
- c. Steering axle
 - i. Meritor Q-Plus 15"X5" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only

11. TIRES AND WHEELS

- a. Six (6) each 11R22.5 14-ply all steel radial tires
- b. Six (6) each 8.25 x 22.5 10-hole hub-piloted steel
- c. 2 hand hole type disc wheels (painted white)

12. ELECTRICAL SYSTEM

- a. 12-volt negative ground

- b. 160-amp or greater alternator with remote battery volt sense
- c. Two (2) batteries totaling 2000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Vehicle lighting connector at rear of frame with blunt cuts for body upfitter
- h. Battery cut off switch in cab
- i. Six (6) optional OEM electrical switches for body upfitter
- j. Dash mounted OEM PTO switch
- k. Battery jump start post by starter

13. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Dual west coast bright finish heated mirrors with LH and RH remote controls
- c. LH and RH 8 inch bright finish convex mirrors mounted under primary mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

14. CAB INTERIOR AND TRIM

- a. Air ride driver seat and two man bench seat, vinyl
- b. Tilt and telescoping steering wheel
- c. Factory-installed Bluetooth, AM/FM radio
- d. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- e. Retractable 3-point seat belts outboard, standard seat belt for middle position
- f. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
- g. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- h. Water in fuel alarm
- i. Low engine coolant alarm
- j. Vinyl or rubber floor mats, full-floor width
- k. Vinyl headliner with map reading light
- l. Factory installed air conditioning (CFC134 systems only)
- m. No dash mounted ash trays or lighter
- n. Two (2) 12-volt power supply in dash

- o. Power windows both sides
- p. Power locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

15. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

16. WARRANTY

- a. Manufacturer's 24-month or unlimited-mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five year, unlimited mile Allison transmission warranty
- c. Five years or 100,000 mile engine warranty equal to Detroit Diesel EW4
- d. Five year or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE II

GENERAL DESCRIPTION

New model of current production 26,000 lb. gross vehicle weight rated (GVWR) 4-wheel-drive conventional cab 2-axle chassis. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 92" or approximate
- b. Bumper to back of cab 106"
- c. Wheelbase 157"
- d. Frame overhang 70" approximate

2. FRAME

- a. 120,000 psi, single channel continuous depth
- b. 16.98 section modulus
- c. 2,037,600 RBM per rail
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 260 HP @ rated RPM
- c. 660 ft/lb torque @ rated RPM
- d. Non-variable turbocharged with air-to-air aftercooler
- e. Cartridge series fuel filter/water separator
- f. Full-flow cartridge lube oil filter
- g. CARB compliant onboard diagnostics
- h. Must have California Clean Idle Certification
- i. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- j. Compression style engine brake
- k. Engine remote harness for body upfitter

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 50 gallon short rectangular tank
- b. Locking fuel cap
- c. 6 gallon Diesel Exhaust Fluid
- d. Clear back of cab

6. TRANSMISSION

- a. Allison 2500 RDS
- b. PTO provisions to support hydraulic pump or air compressor systems
- c. Steering column or dash mounted shift selector
- d. Manufacturer approved synthetic transmission fluid
- e. Meritor MTC 4210xl-evo 2-speed transfer case

- f. Truck OEM mounted PTO when required
- 7. AXLES
 - a. Drive axle
 - i. 17,500 lb. single speed
 - ii. Ratio to provide maximum geared road speed of 65 MPH as powertrain and tires are specified
 - iii. Unitized oil seals with synthetic oil
 - iv. Locking differential
 - b. Steering axle
 - i. MX-10-120-EVO 10,000 lb. axle
 - ii. Unitized oil seals
 - iii. Greasable drag link and tie rod ends
- 8. STEERING
 - a. Manufacturer's integral power steering with filter
- 9. SUSPENSION
 - a. Drive axle
 - i. 16,000 lb. @ ground, leaf spring set
 - b. Front axle
 - i. 10,000 lb. @ ground, tapered leaf spring set with double acting shock absorbers
- 10. BRAKES
 - a. General
 - i. Full air systems shall include 20 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system
 - vi. Non-asbestos brake shoes
 - vii. OEM mounted electric brake controller with 7-way RV style plug with battery charge wire. No aftermarket conversion adapters.
 - viii. Fiberbraid air lines to brake chambers
 - ix. No torpedo air tanks
 - b. Rear axle
 - i. Meritor Q-Plus 16.5" X 7" series. Full air "S" cam type.
 - ii. Type 30-30 spring brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
 - c. Steering axle
 - i. Meritor Q-Plus 16.5"X5" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
- 11. TIRES AND WHEELS
 - a. Six (6) each 11R22.5 14-ply all steel radial tires
 - b. Six (6) each 8.25 x 22.5 10-hole hub-piloted steel
 - c. 2 hand hole type disc wheels (painted white)
- 12. ELECTRICAL SYSTEM
 - a. 12-volt negative ground
 - b. 160-amp or greater alternator with remote battery volt sense
 - c. Two (2) batteries totaling 2000 CCA, maintenance-free group 31 type

- d. Batteries to be mounted in enclosed box, frame mounted
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Vehicle lighting connector at rear of frame with blunt cuts for body upfitter
- h. Battery cut off switch in cab
- i. Six (6) optional OEM electrical switches for body upfitter
- j. Dash mounted OEM PTO switch
- k. Battery jump start post by starter

13. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non- removable bug screen
- b. Dual west coast bright finish heated mirrors with LH and RH remote controls
- c. LH and RH 8 inch bright finish convex mirrors mounted under primary mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

14. CAB INTERIOR AND TRIM

- a. Air ride driver seat and two man bench seat, vinyl
- b. Tilt and telescoping steering wheel
- c. Factory-installed Bluetooth, AM/FM radio
- d. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- e. Retractable 3-point seat belts outboard, standard seat belt for middle position
- f. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
- g. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- h. Water in fuel alarm
- i. Low engine coolant alarm
- j. Vinyl or rubber floor mats, full-floor width
- k. Vinyl headliner with map reading light
- l. Factory installed air conditioning (CFC134 systems only)
- m. No dash mounted ash trays or lighter
- n. Two (2) 12-volt power supply in dash
- o. Power windows both sides
- p. Power locks both sides

- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm
- s.

15. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

16. WARRANTY

- a. Manufacturer's 24-month or unlimited-mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five year, unlimited mile Allison transmission warranty
- c. Five years of 100,000 mile engine warranty equal to Detroit Diesel EW4
- d. Five year or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE III

GENERAL DESCRIPTION

New model of current production 35,000 lb. gross vehicle weight rated (GVWR) conventional cab chassis. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 128"
- b. Bumper to back of cab 106"
- c. Wheelbase 194"
- d. Frame overhang 108"

2. FRAME

- a. 120,000 psi single channel continuous depth
- b. 16.98 section modulus
- c. 2,037,600 RBM per rail
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 280 HP @ rated RPM
- c. 800 ft/lb torque @ rated RPM
- d. Non-variable turbocharged with air-to-air aftercooler
- e. Cartridge series fuel filter/water separator
- f. Full-flow cartridge lube oil filter
- g. CARB compliant onboard diagnostics
- h. Must have California Clean Idle Certification
- i. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- j. Compression style engine brake
- k. Engine remote harness for body upfitter

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 50 gallon short rectangular tank
- b. Locking fuel cap
- c. 6 gallon Diesel Exhaust Fluid
- d. Clear back of cab

6. TRANSMISSION

- a. Allison 3000 RDS

- b. PTO provisions to support hydraulic pump or air compressor systems
- c. Dash mounted shift selector
- d. Manufacturer approved synthetic transmission fluid
- e. Transmission connector firewall mounted
- f. Truck OEM mounted PTO when required

7. AXLES

- a. Drive axle
 - i. Rockwell RS-23-160 23,000 lb. single speed
 - ii. Ratio to provide maximum geared road speed of 65 MPH as powertrain and tires are specified
 - iii. Unitized oil seals with synthetic oil
- b. Steering axle
 - i. 12,000 lb. drop beam
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends

8. STEERING

- a. Manufacturer's integral power steering with filter

9. SUSPENSION

- a. Drive axle
 - i. 23,000 lb. @ ground, leaf spring set
- b. Front axle
 - i. 12,000 lb. @ ground, tapered leaf spring set with double acting shock absorbers

10. BRAKES

- a. General
 - i. Full air systems shall include 20 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system and tractor protection system
 - vi. Non-asbestos brake shoes
 - vii. OEM mounted electric brake controller with 7-way RV style plug with battery charge wire. No aftermarket conversion adapters
 - viii. Fiberbraid air lines to brake chambers
 - ix. No torpedo air tanks
 - x. Air lines to rear of frame with glad hands
- b. Rear axle
 - i. Meritor Q-Plus 16.5" X 7" series. Full air "S" cam type.
 - ii. Type 30-30 spring brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
- c. Steering axle
 - i. Meritor Q-Plus 16.5"X5" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only

11. TIRES AND WHEELS

- a. Six (6) each 11R22.5 14-ply all steel radial tires
- b. Six (6) each 8.25 x 22.5 10-hole hub-piloted steel

- c. 2 hand hole type disc wheels (painted white)

12. ELECTRICAL SYSTEM

- a. 12-volt negative ground
- b. 160-amp or greater alternator with remote battery volt sense
- c. Two (2) batteries totaling 2000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Vehicle lighting connector at rear of frame with blunt cuts for body upfitter
- h. Battery cut off switch in cab
- i. Six (6) optional OEM electrical switches for body upfitter
- j. Dash mounted OEM PTO switch
- k. Battery jump start post by starter

13. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Dual west coast bright finish heated mirrors with LH and RH remote controls
- c. LH and RH 8 inch bright finish convex mirrors mounted under primary mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

14. CAB INTERIOR AND TRIM

- a. Air ride driver seat and two man bench seat, vinyl
- b. Tilt and telescoping steering wheel
- c. Factory-installed Bluetooth, AM/FM radio
- d. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- e. Retractable 3-point seat belts outboard, standard seat belt for middle position
- f. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
- g. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- h. Water in fuel alarm
- i. Low engine coolant alarm
- j. Vinyl or rubber floor mats, full-floor width
- k. Vinyl headliner with map reading light

- l. Factory installed air conditioning (CFC134 systems only)
- m. No dash mounted ash trays or lighter
- n. Two (2) 12-volt power supply in dash
- o. Power windows both sides
- p. Power locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

15. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

16. WARRANTY

- a. Manufacturer's 24-month or unlimited-mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five year, unlimited mile Allison transmission warranty
- c. Five years or 100,000 mile engine warranty equal to Detroit Diesel EW4
- d. Five year or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE IV

GENERAL DESCRIPTION

New model of current production 66,000 lb. gross vehicle weight rated (GVWR) set forward axle conventional cab 3-axle chassis. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 217"
- b. Bumper to back of cab 114"
- c. Wheelbase 300"
- d. Frame overhang 71"

2. FRAME

- a. 120,000 psi, single channel continuous depth
- b. 31 section modulus
- c. 3,715,200 RBM per rail
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 410 HP @ rated RPM
- c. 1450 ft/lb torque @ rated RPM
- d. Non-variable turbocharged with air-to-air aftercooler
- e. Cartridge style fuel filter/water separator
- f. Full-flow cartridge lube oil filter
- g. CARB compliant onboard diagnostics
- h. Must have California Clean Idle Certification
- i. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- j. Jacobs engine compression brake
- k. Remote engine interface harness for body upfitter

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Two speed, air operated cooling fan

5. FUEL TANK

- a. One (1) 100 gallon, 25" diameter tank
- b. Full length of tank non-skid steps and grab assist handles
- c. Locking fuel cap
- d. 13 gallon Diesel Exhaust Fluid
- e. Stainless steel fuel tank straps
- f. Fuel cooler mounted to specific location per body upfitter

6. TRANSMISSION

- a. Allison 4000 RDS
- b. Allison vocational package 172

- c. Provisions for dual PTO's
 - d. Dash mounted keypad shift selector
 - e. Manufacturer approved synthetic transmission fluid
 - f. Transmission connector, firewall mounted for upfitter
7. AXLES
- a. Drive axle
 - i. Meritor 46,000 lb. single speed with lube pump
 - ii. Ratio to provide minimum geared road speed of 26 MPH at 5% grade
 - iii. Unitized oil seals with synthetic oil
 - iv. Light and warning buzzer for interlock axle
 - b. Steering axle
 - i. 20,000 lb. drop beam
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends
8. STEERING
- a. Manufacturer's dual integral power steering
 - b. 4 quart reservoir with filter
9. SUSPENSION
- a. Drive axle
 - i. 46,000 lb. Hendrickson RT463 walking beam only.
 - ii. Steel beam and bronze bushing
 - iii. 54" axle spread
 - b. Front axle
 - i. 20,000 lb. @ ground, flat leaf spring set, bronze bushings with double acting shock absorbers
10. BRAKES
- a. General
 - i. Full air systems shall include 19 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system and tractor protection system
 - vi. Non-asbestos brake shoes
 - vii. Fiberbraid air lines to brake chambers
 - viii. Air tanks mounted perpendicular to frame, behind aftertreatment, right side of body per body upfitter
 - ix. No torpedo air tanks
 - b. Rear axle
 - i. Meritor Q-Plus 16.5" X 7" series. Full air "S" cam type.
 - ii. Type 30-36 spring brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
 - c. Steering axle
 - i. Meritor Q-Plus 16.5"X6" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only

11. TIRES AND WHEELS

- a. Two (2) each 425/65R22.5 20-ply all steel radial tires
- b. Eight (8) each 11R22.5 16-ply tires
- c. Two (2) 22.5 12.25 10 bolt hub piloted HD steel wheels
- d. Eight (8) 22.5 8.25 10 bolt hub piloted HD steel wheels

12. ELECTRICAL SYSTEM

- a. 12-volt negative ground
- b. 160-amp or greater alternator with remote battery volt sense
- c. Three (3) batteries totaling 3000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted, 60" back of cab
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Vehicle lighting connector at rear of frame with blunt cuts for body upfitter
- h. Battery cut off switch in cab
- i. Four (4) OEM electrical switches for body upfitter
- j. Dash mounted OEM PTO switch
- k. Battery jump start post by starter

13. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Dual west coast bright finish heated mirrors with LH and RH remote controls
- c. LH and RH 8 inch bright finish convex mirrors mounted under primary mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. 16.5" chrome straight steel bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

14. CAB INTERIOR AND TRIM

- a. Air ride driver and passenger seats, vinyl
- b. Tilt and telescoping steering wheel
- c. Factory-installed Bluetooth, AM/FM radio
- d. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- e. Retractable 3-point seat belts outboard
- f. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
- g. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.

- h. Water in fuel alarm
- i. Low engine coolant alarm
- j. Vinyl or rubber floor mats, full-floor width
- k. Vinyl headliner with map reading light
- l. Factory installed air conditioning (CFC134 systems only)
- m. No dash mounted ash trays or lighter
- n. Two (2) 12-volt power supply in dash
- o. Power windows both sides
- p. Power locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

15. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

16. WARRANTY

- a. Manufacturer's 12-month or unlimited-mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five year, unlimited mile Allison transmission warranty
- c. Five years or 200,000 mile engine warranty equivalent to Detroit Diesel EW1
- d. Five years or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE V

GENERAL DESCRIPTION

New model of current production 64,000 lb. gross vehicle weight rated (GVWR) conventional cab 3-axle chassis. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 144"
- b. Bumper to back of cab 106"
- c. Wheelbase 210"
- d. Rear frame overhang 85"

2. FRAME

- a. 120,000 psi, single channel continuous depth
- b. 21.6 section modulus
- c. 2,592,000 RBM per rail
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 350 HP @ rated RPM
- c. 1050 ft/lb torque @ rated RPM
- d. Non-variable turbocharged with air-to-air aftercooler
- e. Cartridge style fuel filter/water separator
- f. Full-flow cartridge lube oil filter
- g. CARB compliant onboard diagnostics
- h. Must have California Clean Idle Certification
- i. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- j. Jacobs engine compression brake
- k. Remote engine interface harness for body upfitter

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 50 gallon, short rectangular
- b. Locking fuel cap
- c. 6 gallon Diesel Exhaust Fluid

6. TRANSMISSION

- a. Allison 3000 RDS
- b. Allison vocational package 172
- c. Auxiliary oil filter and cooler
- d. Dash mounted shift selector

- e. Manufacturer approved synthetic transmission fluid
 - f. Transmission connector, firewall mounted for upfitter
 - g. Truck OEM mounted PTO when required
7. AXLES
- a. Drive axle
 - i. Rockwell RT-46-160P 46,000 lb. single speed with lube pump
 - ii. Ratio to provide minimum geared road speed of 22 MPH at 4.7% grade
 - iii. Unitized oil seals with synthetic oil
 - iv. Light and warning buzzer for interlock axle
 - b. Steering axle
 - i. 18,000 lb. drop beam
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends
8. STEERING
- a. Manufacturer's integral power steering
 - b. Reservoir with filter
9. SUSPENSION
- a. Drive axle
 - i. 46,000 lb. Tuftrac spring suspension.
 - ii. 55" axle spread
 - iii. Rear double acting shock absorbers
 - b. Front axle
 - i. 18,000 lb. @ ground, tapered leaf spring set with double acting shock absorbers
10. BRAKES
- a. General
 - i. Full air systems shall include 20 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system and tractor protection system
 - vi. Non-asbestos brake shoes
 - vii. Fiberbraid air lines to brake chambers
 - viii. No torpedo air tanks
 - b. Rear axle
 - i. Meritor Q-Plus 16.5" X 8.62" series. Full air "S" cam type.
 - ii. Type 30-36 spring brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
 - c. Steering axle
 - i. Meritor Q-Plus 16.5"X6" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
11. TIRES AND WHEELS
- a. Two (2) each 315/80R22.5 20-ply all steel radial tires
 - b. Four (4) each 11R22.5 16-ply all steel radial tires
 - c. Four (4) each 10 bolt hub pilot 22.5X8.25 HD steel wheels
 - d. Two (2) each 10 bolt hub pilot 22.5X9.0 HD steel wheels

12. ELECTRICAL SYSTEM

- a. 12-volt negative ground
- b. 160-amp or greater alternator with remote battery volt sense
- c. Two (2) batteries totaling 2000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Vehicle lighting connector at rear of frame with blunt cuts for body upfitter
- h. Battery cut off switch in cab
- i. Six (6) OEM electrical switches for body upfitter
- j. Dash mounted OEM PTO switch
- k. Battery jump start post by starter

13. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Dual west coast bright finish heated mirrors with LH and RH remote controls
- c. LH and RH 8 inch bright finish convex mirrors mounted under primary mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

14. CAB INTERIOR AND TRIM

- a. Air ride driver and passenger seats, vinyl
- b. Tilt and telescoping steering wheel
- c. Factory-installed Bluetooth, AM/FM radio
- d. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- e. Retractable 3-point seat belts outboard
- f. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
- g. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- h. Water in fuel alarm
- i. Low engine coolant alarm
- j. Vinyl or rubber floor mats, full-floor width
- k. Vinyl headliner with map reading light
- l. Factory installed air conditioning (CFC134 systems only)

- m. No dash mounted ash trays or lighter
- n. Two (2) 12-volt power supply in dash
- o. Power windows both sides
- p. Power locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

15. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

16. WARRANTY

- a. Manufacturer's 24-month or unlimited-mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five year, unlimited mile Allison transmission warranty
- c. Five years or 100,000 mile engine warranty equivalent to Detroit Diesel EW4
- d. Five years or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE VI

GENERAL DESCRIPTION

New model of current production 54,600 lb. gross vehicle weight rated (GVWR), 80,000 lb. gross combined weight rated (GCWR) conventional cab 3-axle chassis with manual transmission for Yard Dump Application. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 125"
- b. Bumper to back of cab 123"
- c. Wheelbase 202"
- d. Rear frame overhang 75" or approximate

2. FRAME

- a. 120,000 psi, single channel continuous depth
- b. 21.6 section modulus
- c. 2,592,000 RBM per rail
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 13 Liter
- c. 410 HP @ rated RPM
- d. 1550 ft/lb torque @ rated RPM
- e. Non-variable turbocharged with air-to-air aftercooler
- f. Cartridge style fuel filter/water separator
- g. Full-flow cartridge lube oil filter
- h. CARB compliant onboard diagnostics
- i. Must have California Clean Idle Certification
- j. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- k. Jacobs engine compression brake

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 70 gallon, 25" diameter tank
- b. Locking fuel cap
- c. 13 gallon Diesel Exhaust Fluid
- d. Non-skid steps, full length of tank
- e. Stainless steel tank straps
- f. Fuel cooler mounted left side rail

6. TRANSMISSION

- a. Thirteen-speed Eaton/Fuller RTLO-16913A manual transmission
- b. Provisions for both SAE 6 and 8-hole PTO's
- c. Remote transmission oil cooler
- d. Manufacturer approved synthetic transmission fluid
- e. Truck OEM mounted PTO when required

7. CLUTCH

- a. Self-adjusting, two-disc, non-asbestos pull type
- b. Torque limiting clutch brake
- c. Release bearing extension grease hose with cover

8. AXLES

- a. Drive axle
 - i. Meritor MT-40-14X, 40,000 lb. single speed tandem axle
 - ii. Ratio to provide minimum geared road speed of 31 MPH at 3.5% grade
 - iii. Driver controlled inter-axle lock, front differential
 - iv. Light and warning buzzer for interlock axle and differential lock
 - v. Heavy duty 11MM axle housing
 - vi. Synthetic gear oil
 - vii. Unitized oil seals
 - viii. Welded or restrained axle seats
- b. Steering axle
 - i. 14,700 lb. drop beam axle
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends

9. STEERING

- a. TRW TAS85 integral power steering gear
- b. 2 quart reservoir with serviceable filter

10. SUSPENSION

- a. Drive axle
 - i. 40,000 lb. extra duty two (2) leaf air ride
 - ii. 51" axle spread
 - iii. Manual dump valve for air suspension with gauge.
- b. Front axle
 - i. 14,600 lb. @ ground, tapered leaf spring set with double acting shock absorbers

11. BRAKES

- a. General
 - i. Full air systems shall include 19 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system and tractor protection system
 - vi. Non-asbestos brake shoes
 - vii. OEM mounted electric brake controller with 7-way RV style plug with battery charge wire. No aftermarket conversion adapters
 - viii. Fiberbraid air lines to brake chambers
 - ix. Air tanks mounted below frame
 - x. No torpedo air tanks
 - xi. Air lines to rear of frame for trailer connection, with glad hands

- b. Rear axle
 - i. Meritor Q-Plus 16.5" X 7" series. Full air "S" cam type
 - ii. Type 30-30 long stroke spring brake chambers with stroke indicators
 - iii. Brake chambers mounted forward of rear axle
 - iv. Automatic slack adjusters
 - v. Outboard mounted brake drums only
- c. Steering axle
 - i. Meritor Q-Plus 16.5"X5" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only

12. TIRES AND WHEELS

- a. Two (2) each 12R22.5 16-ply all steel radial tires
- b. Eight (8) each 11R22.5 14-ply all steel radial tires
- c. Two (2) each 22.5X8.25 hub pilot 2 hand hole HD steel wheels
- d. Eight (8) each 22.5X8.25 hub pilot 2 hand hole HD steel wheels

13. ELECTRICAL SYSTEM

- a. 12-volt negative ground
- b. 160-amp or greater alternator with remote battery volt sense
- c. Three (3) batteries totaling 3000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted, aluminum cover
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Battery cut off switch in cab
- h. Four (4) OEM electrical switches for body upfitter
- i. Dash mounted OEM PTO switch
- j. Battery jump start post by starter
- k. Three (3) dash mounted 12 volt receptacles
- l. 7 way commercial trailer plug to end of frame

14. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Driver and passenger heated power mirrors
- c. Two (2) each convex mirrors integral to main mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

15. CAB INTERIOR AND TRIM

- a. Driver high back vinyl air ride seat with lumbar and tilt adjust
- b. Passenger seat, no air ride, vinyl
- c. Tilt and telescoping steering wheel
- d. Factory-installed Bluetooth, AM/FM radio
- e. Two (2) each sun visors, door-mounted grab-assist handles, arm rests

- f. Retractable 3-point seat belts outboard
- g. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
 - x. Intake manifold boost pressure
 - xi. Engine exhaust pyrometer
- h. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- i. Water in fuel alarm
- j. Low engine coolant alarm
- k. Vinyl or rubber floor mats, full-floor width
- l. Vinyl headliner with map reading light
- m. Factory installed air conditioning (CFC134 systems only)
- n. No dash mounted ash trays or lighter
- o. Power windows both sides
- p. Manual door locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

16. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

17. WARRANTY

- a. Manufacturer's 12-month or 100,000 mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five year, unlimited mile Eaton manual transmission warranty
- c. Five years or 100,000 mile engine warranty equivalent to Detroit Diesel EW1
- d. Five years or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE VII

GENERAL DESCRIPTION

New model of current production 54,600 lb. gross vehicle weight rated (GVWR), 80,000 lb. gross combined weight rated (GCWR) conventional cab 3-axle chassis with automatic transmission for 10-Yard Paving Dump Application. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 125"
- b. Bumper to back of cab 123"
- c. Wheelbase 202"
- d. Rear frame overhang 60" or approximate

2. FRAME

- a. 120,000 psi, single channel continuous depth
- b. 21.6 section modulus
- c. 2,592,000 RBM
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 13 Liter
- c. 410 HP @ rated RPM
- d. 1450 ft/lb torque @ rated RPM
- e. Non-variable turbocharged with air-to-air aftercooler
- f. Cartridge style fuel filter/water separator
- g. Full-flow cartridge lube oil filter
- h. CARB compliant onboard diagnostics
- i. Must have California Clean Idle Certification
- j. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- k. Jacobs engine compression brake

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 70 gallon 25" diameter tank
- b. Locking fuel cap
- c. 13 gallon Diesel Exhaust Fluid
- d. Non-skid steps, full length of tank
- e. Stainless steel tank straps
- f. Fuel cooler mounted left side rail

6. TRANSMISSION

- a. Allison 4500 RDS with two PTO options
- b. Remote transmission oil cooler
- c. Manufacturer approved synthetic transmission fluid
- d. Truck OEM mounted PTO when required

7. AXLES

- a. Drive axle
 - i. Meritor MT-40-14X, 40,000 lb. single speed tandem axles
 - ii. 5.29:1 ratio, to provide maximum road speed of 9.2 MPH in first gear
 - iii. Driver controlled inter-axle lock, front differential
 - iv. Light and warning buzzer for interlock axle and differential lock
 - v. Heavy duty 11MM axle housing
 - vi. Synthetic gear oil
 - vii. Unitized oil seals
 - viii. Welded or restrained axle seats
- b. Steering axle
 - i. 14,700 lb. drop beam axle
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends

8. STEERING

- a. TRW TAS85 integral power steering gear
- b. 2 quart reservoir with serviceable filter

9. SUSPENSION

- a. Drive axle
 - i. 40,000 lb. extra duty two (2) leaf air ride
 - ii. 51" axle spread
 - iii. Manual dump valve for air suspension with gauge
- b. Steering axle
 - i. 14,600 lb. @ ground, tapered leaf spring set with double acting shock absorbers

10. BRAKES

- a. General
 - i. Full air systems shall include 19 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, with pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system and tractor protection system
 - vi. Non-asbestos brake shoes
 - vii. OEM mounted electric brake controller with 7-way RV style plug with battery charge wire. No aftermarket conversion adapters.
 - viii. Fiberbraid air lines to brake chambers.
 - ix. Air tanks mounted below frame
 - x. No torpedo air tanks
 - xi. Air lines to rear of frame for trailer connection, with glad hands
- b. Rear axle
 - i. Meritor Q-Plus 16.5" X 7" series. Full air "S" cam type
 - ii. Type 30-30 long stroke spring brake chambers with stroke indicators
 - iii. Brake chambers mounted forward of rear axle

- iv. Automatic slack adjusters
- v. Outboard mounted brake drums only
- c. Steering axle
 - i. Meritor Q-Plus 16.5"X5" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only

11. TIRES AND WHEELS

- a. Two (2) each 12R22.5 16-ply all steel radial tires
- b. Eight (8) each 11R22.5 14-ply all steel radial tires
- c. Two (2) each 22.5X8.25 hub pilot 2 hand hole HD steel wheels
- d. Eight (8) each 22.5X8.25 hub pilot 2 hand hole HD steel wheels

12. ELECTRICAL SYSTEM

- a. 12-volt negative ground
- b. 160-amp or greater alternator with remote battery volt sense
- c. Three (3) batteries totaling 3000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted, aluminum cover
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Battery cut off switch in cab
- h. Four (4) OEM electrical switches for body upfitter
- i. Dash mounted OEM PTO switch
- j. Battery jump start post by starter
- k. Three (3) dash mounted 12 volt receptacles
- l. 7 way commercial trailer plug to end of frame

13. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Driver and passenger heated power mirrors
- c. Two (2) each convex mirrors integral to main mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper
- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

14. CAB INTERIOR AND TRIM

- a. Driver high back vinyl air ride seat with lumbar and tilt adjust
- b. Passenger seat, no air ride, vinyl
- c. Tilt and telescoping steering wheel
- d. Factory-installed Bluetooth, AM/FM radio
- e. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- f. Retractable 3-point seat belts outboard
- g. Instrumentation:
 - i. Speedometer
 - ii. Tachometer

- iii. Engine water temperature
- iv. Engine oil pressure
- v. Volt meter
- vi. Fuel level
- vii. Engine hour meter
- viii. Air cleaner restriction indicator (may be on air cleaner)
- ix. Transmission temperature
- x. Intake manifold boost pressure
- xi. Engine exhaust pyrometer
- h. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- i. Water in fuel alarm
- j. Low engine coolant alarm
- k. Vinyl or rubber floor mats, full-floor width
- l. Vinyl headliner with map reading light
- m. Factory installed air conditioning (CFC134 systems only)
- n. No dash mounted ash trays or lighter
- o. Power windows both sides
- p. Manual door locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

15. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

16. WARRANTY

- a. Manufacturer's 12-month or 100,000 mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five years or 100,000 mile engine warranty equivalent to Detroit Diesel EW1
- c. Five years, unlimited mile Allison transmission warranty
- d. Five Years or 100,000 mile front and rear axle warranty
- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.

SCHEDULE VIII

GENERAL DESCRIPTION

New model of current production 75,350 lb. gross vehicle weight rated (GVWR), 80,000 lb. gross combined weight rated (GCWR) conventional cab 4-axle chassis with manual transmission for Super 10 Dump Application. All components shall be new and unused consisting of materials that are of proper size and design for the GVWR specified. Unit(s) to include all standard equipment unless specifically excluded by these specifications. Unit(s) offered shall meet the following MINIMUM specifications.

1. DIMENSIONS

- a. Cab axle 167" or approximate
- b. Bumper to back of cab 123"
- c. Wheelbase 259"
- d. Frame overhand 57"

2. FRAME

- a. 120,000 psi, single channel continuous depth
- b. 26.8 section modulus
- c. 3,217,200 RBM per rail
- d. Top of frame rails clear of any obstructions
- e. All bolted construction, frame bolt heads facing outwards

3. ENGINE

- a. Four (4) cycle, six (6) cylinder in-line diesel with full electronic controls
- b. 13 Liter
- c. 470 HP @ rated RPM
- d. 1650 ft/lb torque @ rated RPM
- e. Non-variable turbocharged with air-to-air aftercooler
- f. Cartridge style fuel filter/water separator
- g. Full-flow cartridge lube oil filter
- h. CARB compliant onboard diagnostics
- i. Must have California Clean Idle Certification
- j. Engine aftertreatment device to be automatic over-the-road regeneration and have dash mounted regen request switch.
- k. Jacobs engine compression brake

4. COOLING SYSTEM

- a. Manufacturer's heavy duty cooling system
- b. Complete Gates Blue Stripe hose package
- c. Extended life coolant
- d. Air operated cooling fan

5. FUEL TANK

- a. One (1) 70 gallon 25" diameter tank
- b. Locking fuel cap
- c. 13 gallon Diesel Exhaust Fluid
- d. Non-skid steps, full length of tank
- e. Stainless steel tank straps
- f. Fuel cooler mounted left side rail

6. TRANSMISSION

- a. Thirteen-speed Eaton/Fuller RTLO-16913A manual transmission

- b. Provisions for both SAE 6 and 8-hole PTO's
 - c. Remote transmission oil cooler
 - d. Manufacturer approved synthetic transmission fluid
 - e. Truck OEM mounted PTO when required
7. CLUTCH
- a. Self-adjusting, two-disc, non-asbestos pull type
 - b. Torque limiting clutch brake
 - c. Release bearing extension grease hose with cover
8. AXLES
- a. Drive axle
 - i. Meritor RT-46-160, 46,000 lb. R-series tandem rear axle
 - ii. 4.30:1 ratio, to provide minimum geared road speed of 30 MPH at 4% grade
 - iii. Driver controlled inter-axle lock, full differential
 - iv. Light and warning buzzer for interlock axle and differential lock
 - v. Heavy duty 12.7MM axle housing
 - vi. Synthetic gear oil
 - vii. Unitized oil seals
 - viii. Welded or restrained axle seats
 - b. Steering axle
 - i. 18,000 lb. drop beam axle
 - ii. Unitized oil seals
 - iii. STEMCO oil hubcaps (no grease hubs)
 - iv. Greasable drag link and tie rod ends
 - c. Lift axle
 - i. Hendrickson SC13, 13,200 lb.
 - ii. Air lift
 - iii. Steerable
9. STEERING
- a. TRW TAS85 integral power steering gear
 - b. 4 quart reservoir with serviceable filter
 - c. Power steering cooler
10. SUSPENSION
- a. Drive axle
 - i. 46,000 lb. air ride suspension
 - ii. 51" axle spread
 - iii. Manual dump valve for air suspension with gauge
 - iv. Indicator light and buzzer for each rear suspension control switch
 - b. Steering axle
 - i. 18,000 lb. @ ground, tapered leaf spring set with double acting shock absorbers
 - c. Lift axle
 - i. Hendrickson SC10 13,200 lb. air lift steerable pusher suspension
 - ii. Dash valve and gauge for single lift axle
11. BRAKES
- a. General
 - i. Full air systems shall include 19 CFM compressor
 - ii. Bendix air dryer
 - iii. Bendix DV-2 automatic moisture ejectors on all tanks, pull cables
 - iv. Visual and audible low air warning devices
 - v. Wabco anti-lock system and tractor protection system

- vi. Non-asbestos brake shoes.
- vii. OEM mounted electric brake controller with 7-way RV style plug with battery charge wire. No aftermarket conversion adapters.
- viii. Fiberbraid air lines to brake chambers.
- ix. Air tanks mounted below frame
- x. No torpedo tanks
- xi. Air lines to rear of frame for trailer connection, with glad hands
- b. Rear axle
 - i. Meritor Q-Plus 16.5" X 8.62" series. Full air "S" cam type
 - ii. Type 30-36 long stroke spring brake chambers with stroke indicators
 - iii. Brake chambers mounted forward of rear axle
 - iv. Automatic slack adjusters
 - v. Outboard mounted brake drums only
- c. Steering axle
 - i. Meritor Q-Plus 16.5"X6" series. Full air "S" cam type.
 - ii. Brake chambers with stroke indicators
 - iii. Automatic slack adjusters
 - iv. Outboard mounted brake drums only
- d. Pusher axle
 - i. Hendrickson 15"X4". Full air "S" cam type

12. TIRES AND WHEELS

- a. Two (2) each 385/65R22.5 18-ply all steel radial tires
- b. Eight (8) each 11R22.5 16-ply all steel radial tires
- c. Two (2) each 22.5X12.25 hub pilot 5 hand hole HD steel wheels
- d. Ten (10) each 22.5X8.25 hub pilot 2 hand hole HD steel wheels
- e. Two (2) each 275/80R22.5 lift axle tires, 14-ply all steel radial

13. ELECTRICAL SYSTEM

- a. 12-volt negative ground
- b. 160-amp or greater alternator with remote battery volt sense
- c. Three (3) batteries totaling 3000 CCA, maintenance-free group 31 type
- d. Batteries to be mounted in enclosed box, frame mounted, aluminum cover
- e. All electrical components to be protected by circuit breakers, fuses and solid state protection
- f. 12-volt electric cranking motor
- g. Battery cut off switch in cab
- h. Four (4) OEM electrical switches for body upfitter
- i. Dash mounted OEM PTO switch
- j. Battery jump start post by starter
- k. Three (3) dash mounted 12 volt receptacles
- l. 7 way commercial trailer plug to end of frame

14. CAB AND EXTERIOR TRIM

- a. Unitized tilt hood and non-removable bug screen
- b. Driver and passenger heated power mirrors
- c. Two (2) each convex mirrors integral to main mirrors
- d. Two (2) speed electric windshield wipers with delay function
- e. Two (2) each grab-assist handles outside cab
- f. Two (2) each tow hooks, frame-mounted front of bumper
- g. Air and electric horns under cab mounted
- h. Full-width 3 piece bright bumper

- i. Horizontal muffler with vertical exhaust system, with bright stainless steel heat shield and grab handle, chrome vertical pipe.
- j. Door locks and ignition keyed alike. Total of four (4) complete sets
- k. Air cab mount
- l. LED marker lights

15. CAB INTERIOR AND TRIM

- a. Driver high back vinyl air ride seat with lumbar and tilt adjust
- b. Passenger seat, no air ride, vinyl
- c. Tilt and telescoping steering wheel
- d. Factory-installed Bluetooth, AM/FM radio
- e. Two (2) each sun visors, door-mounted grab-assist handles, arm rests
- f. Retractable 3-point seat belts outboard
- g. Instrumentation:
 - i. Speedometer
 - ii. Tachometer
 - iii. Engine water temperature
 - iv. Engine oil pressure
 - v. Volt meter
 - vi. Fuel level
 - vii. Engine hour meter
 - viii. Air cleaner restriction indicator (may be on air cleaner)
 - ix. Transmission temperature
 - x. Intake manifold boost pressure
 - xi. Engine exhaust pyrometer
- h. Electronic engine shutdown system to protect engine for low engine oil pressure and high coolant temperature. Emergency override system.
- i. Water in fuel alarm
- j. Low engine coolant alarm
- k. Vinyl or rubber floor mats, full-floor width
- l. Vinyl headliner with map reading light
- m. Factory installed air conditioning (CFC134 systems only)
- n. No dash mounted ash trays or lighter
- o. Power windows both sides
- p. Manual door locks both sides
- q. Fire extinguisher and triangles, no flares
- r. 97 decibel back up alarm

16. PAINT

- a. White or approved equal, body and cab to match
- b. Bumper and grill – bright
- c. Steel wheels, white color
- d. Frame, battery box, tool box, black color
- e. Tan or grey interior moldings, seats, etc.

17. WARRANTY

- a. Manufacturer's 12-month or 100,000 mile, parts and labor, complete vehicle, except for tires and wear items
- b. Five years or 100,000 mile engine warranty equivalent to Detroit Diesel EW1
- c. Five years, unlimited mile Eaton manual transmission warranty
- d. Five years or 100,000 mile front and rear axle warranty

- e. District's established preventive maintenance practices shall be acceptable to the manufacturer/dealer in lieu of manufacturer's prescribed procedures which may form part of the warranty
- f. Incomplete vehicle certifications, dealer report of sale, and certified weighmaster's certificate will be required for each unit at time of delivery.
- g. Unit(s) will have manufacturer/dealer pre-delivery inspection performed, with signed and dated copy of the inspection report delivered with each unit.
