

Northeast States for Coordinated Air Use Management

REQUEST FOR PROPOSALS (RFP)

HEAVY-DUTY OFF-ROAD RENTAL EQUIPMENT RETROFIT WITH DIESEL PARTICULATE FILTERS

October 19, 2009

The Northeast States for Coordinated Air Use Management (NESCAUM)¹ is requesting proposals from vendors of diesel particulate filters (DPFs) verified by the U.S. Environmental Protection Agency (USEPA) or the California Air Resources Board (CARB). Proposals should include the total cost and installation of active or passive DPFs on all or a subset of the off-road construction equipment listed in the attachment to this RFP and as described in the fleet profile section below.

I. BACKGROUND

NESCAUM has received funds from the USEPA under cooperative agreement DE-97237001-0. This agreement authorizes NESCAUM to subsidize the purchase of active or passive DPFs for heavy-duty construction equipment that is leased or rented in USEPA Regions 1 and 2. Federal funding will contribute 80% of the cost of these filters, and equipment owners will contribute the remaining 20%.

NESCAUM has partnered with a number of companies that rent construction equipment in USEPA Regions 1 and 2 as part of this project. A number of the districts where participating equipment rental companies operate are in nonattainment of the National Ambient Air Quality Standards (NAAQS) for particulate matter (PM_{2.5}). Studies have shown that in and around construction sites, worker and resident exposure to PM_{2.5} can be 16 times higher than the average exposure and 2 to 3.5 times higher than the current air quality standards.

The focus on leased equipment addresses several challenges facing retrofit initiatives in the construction sector. According to equipment inventories, as much as 25% of construction equipment in USEPA Regions 1 and 2 is owned by rental companies, and current strategies have not penetrated that segment. One reason is that even if contractors are encouraged to bring retrofit equipment on site, they are unwilling to spend money to retrofit leased equipment that is owned by another company. In addition, leased or rented equipment is often moved from project to project, so the emissions reductions that justify retrofits as part of a given project are perceived to be low, since emission reductions achieved once the equipment leaves the site are not considered. Finally, most rental contracts stipulate that the equipment must be returned in the original condition. As a result, some newly installed retrofits have been removed by the contractor before returning equipment to the leasing company.

¹ NESCAUM is a 501(c)(3) nonprofit association of air quality agencies in the Northeast. NESCAUM's Board of Directors consists of the air directors of the six New England states (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont), New Jersey, and New York. The goal of NESCAUM is to provide scientific, technical, and policy support to the air quality and climate programs of the eight northeast states.

II. INFORMATION FOR PROPOSERS

Minimum Response Requirements Summary

Further detail regarding proposal content is provided in Section III. However, proposals in response to this RFP must include, at a minimum, the following:

- (1) A Cover Letter containing:
 - a. Name and address of the Proposer and an original signature on the Letter of Application by an authorized representative on behalf of the Proposer;
 - b. Name(s), title(s) and telephone number(s) of the individuals(s) who are authorized to negotiate and execute the contract;
 - c. Name, title, and telephone number of a contact person to which NESCAUM can address questions or issues related to this RFP.
 - d. Brief description of the Proposer's proposed technology solution.
- (2) Pricing information on each of the retrofits included in your proposal.

Responses must be received no later than 5:00 PM EST on Friday, December 4, 2009 and must be emailed to: jesse.colman@gmail.com.

Or they must be transmitted in a sealed envelope addressed as follows:

NESCAUM
Attn: Jesse Colman
89 South St., Suite 602
Boston, MA 02111

Project Description

As a part of this project, approximately \$400,000 is available for the purchase and installation of either active or passive DPFs. This amount is the sum of USEPA funds and the required cost share from equipment owners. Both active and passive DPFs are eligible for project funding, and we anticipate that bids will include a combination of active and passive DPFs. Based on our estimate of the cost range of DPFs, we expect that the available funding will cover the retrofit of 15-25 pieces of construction equipment.

Fleet Profile

Three companies have been selected for inclusion in this project. They are: Jesco, Inc., East PBE, Inc., and Kenvil Cranes, Inc. Their equipment is rented or leased throughout New Jersey, New York, and southern New England. Contact information for each company is provided in Appendix A. NESCAUM has provided a complete list of equipment for each participating fleet in Appendix B. We have not done an evaluation of the equipment to determine which machines are suitable for retrofit with DPFs.

In preparing your proposals, please keep in mind the following information about the companies and the fleet list we have provided (refer to Appendix B to see the list of equipment submitted by each company for consideration in this project):

- 1) East PBE, Inc. has expressed interest in retrofitting 5 to 10 of the 60 pieces of equipment included in this list.
- 2) Jesco, Inc. has expressed interest in retrofitting all of their machines listed.
- 3) Kenvil Cranes, Inc. has expressed interest in retrofitting up to 4 of their pieces of equipment.
- 4) Proposers may bid on any or all of the equipment listed.

Proven Commercial Technology Options

This RFP is a request for proven commercial technology and is not considered a technology demonstration project. Furthermore, the DPFs required for this project must be verified by either the USEPA or CARB. The DPFs may be active or passive.

III. RESPONSES TO THE REQUEST FOR PROPOSAL

Rental Equipment Specifications

NESCAUM will provide information on muffler placement, configuration, and other specifications, upon request by Proposers.

Technical Specifications

Please provide the following information for each product covered by the bid:

1. Active vs. Passive DPFs

Based on the equipment information provided, we ask that Proposers recommend either an active or passive DPF for each piece of equipment you propose to retrofit. If for some pieces of equipment this determination cannot be made without temperature data logging or other information, we request that Proposers provide the price of an active DPF retrofit as well as the price of a passive DPF retrofit.

2. Product Information

- (a) The technology being offered, including the manufacturer's name and the product part or ID number, a description of how the technology reduces fine particulate diesel emissions, and the engine model(s)/vehicle(s) to which the technology will be applied;
- (b) A description of the installation services offered as part of this bid, including:
 - Installation procedures for each product/engine or product/vehicle combination;
 - The mobile installation capability (if any) to perform the installations at a fleet's base location;
 - The qualifications of staff performing the installations;
 - The facilities necessary to perform the installation;
 - Total time that each piece of equipment will be out of service for the installation, including installation of insulation, if necessary;
 - Minimum and maximum number of person-hours needed to install each retrofit device;
- (c) A list of special tools needed for the maintenance of the DPF;

- (d) Complete product warranty information. Please see section V.6 “**Warranty**” for minimum warrantee requirements;
- (e) Production lead time.

3. Certifications and Equipment Requirements

- (a) A copy of either the CARB Retrofit Program Executive Order finding that the device reduces emissions of diesel particulate matter by a certain level *in the proposed application*, or the USEPA Voluntary Retrofit Program Verification Letter finding that the technology offered reduces emissions of certain criteria pollutants by certain percentages *in the proposed application*;
- (b) Verified PM, hydrocarbon (HC), carbon monoxide (CO), and oxides of nitrogen (NOx) emission reduction capability (stated as percent reduction), as determined by CARB or USEPA;
- (c) Whether the device is a muffler replacement or add-on installation;
- (d) The device’s impact on fuel economy;
- (e) Operating costs for the device, if any;
- (f) Annual maintenance costs and requirements, if any;
- (g) Level of back pressure and description of monitor systems used;
- (h) Type of insulation used, if any;
- (i) Flanges, joints, and connectors typically used for installation;
- (j) Standard operating procedure for evaluating initial installation process.

4. Manuals and Maintenance Procedures

- (a) One set of manuals for each product will be provided with maintenance and operations procedures;
- (b) Description of any ancillary components required by either the manufacturer, CARB in an Executive Order, or USEPA in a Verification Letter. Ancillary equipment includes, but is not limited to, back pressure monitors, audible alarms, visual indicators, and data storage systems;
- (c) Product maintenance procedures and schedule;
- (d) Technical support provided after installation;
- (d) Product brochures or additional information.

Submission Instructions

Proposals may be submitted by email (preferred) or surface mail. Please note that due to email size restrictions, product manuals or other electronic product information may be too large to be emailed. If this is the case, they will have to be sent via surface mail (PDF file on compact disc is preferred). Submissions will not be accepted later than 5:00 PM ESDT on Friday, December 4, 2009. Any information received after this time will not be considered as part of the proposal package.

NESCAUM assumes no responsibility for delays caused by any delivery service. Late responses will not be accepted unless Proposer can show that the response was put in transit no later than 5:00 PM ESDT on the day prior to the due date and that late receipt was due to failure of the delivery company to meet its contractual obligation for timely delivery.

Emailed responses (in PDF format) must be addressed to jcolman@nescaum.org and include the subject "Retrofit Proposal—[Proposer's company name]".

Mailed responses must be in a sealed envelope and addressed as follows:

NESCAUM
Attn: Jesse Colman
89 South Street, Suite 602
Boston, MA 02111

Communications Regarding this RFP

All questions regarding this RFP must be submitted in writing to Jesse Colman via email (jcolman@nescaum.org) or at the address above or facsimile (617) 742-9162 no later than Tuesday, November 17, 2009. If interpretation or other information is required, it will be communicated to Proposers by written addenda and such writing shall form a part of this RFP.

Proposal Rejection or Acceptance

Acceptance shall be only by mail to or delivery at the office designated by the Proposer in its proposal, a notice in writing signed by an authorized representative on behalf of NESCAUM specifically stating that the proposal is accepted or by execution of an agreement covering the subject matter of this solicitation signed by authorized representatives of NESCAUM. No other act of NESCAUM, its Directors, officers, agents, representatives, or employees shall constitute acceptance of a proposal. Rejection of a proposal shall be only by either (a) a notice in writing specifically stating that the proposal is not accepted, signed by an authorized representative of NESCAUM and mailed to or delivered to the Respondent at the office designated in the Proposal, or (b) omission of NESCAUM to accept the proposal within 180 days after the Proposal Due Date. No other act of NESCAUM, its Directors, officers, agents, representatives, or employees shall constitute rejection of a proposal.

IV. EVALUATION CRITERIA AND RANKING

The following criteria, not necessarily listed in order of significance, will be used to evaluate proposals. Proposals will be evaluated individually and in comparison to other proposals and third-party surveys. These evaluation criteria categories may be used to develop more detailed criteria to be used during the evaluation process.

1. Product specifications and performance.
2. The reasonableness of the Proposer's cost proposal will be evaluated against similar retrofit devices in other cost proposals.
3. Installation services proposed.

4. Lead time necessary for device manufacture.
5. Amount of time needed to install the DPFs.
6. Product support.
7. Submittal of the USEPA and/or CARB verification letter for the retrofit device, as applicable.
8. The proposed application is within the terms and conditions of the USEPA and/or CARB verification letter for the retrofit devices being proposed.
9. Warrantee specifications for retrofit device and installation.
10. The bidding firm's documented experience in successfully completing projects of a similar size and scope to those required by this RFP.

V. TERMS AND CONDITIONS FOR THE SUBMISSION OF A PROPOSAL

In addition to all other requirements of this solicitation, the Proposer agrees to the following conditions for the submission of its proposal.

1. Changes to the Solicitation

At any time, in its sole discretion, NESCAUM, by written addenda, may modify, correct, amend, cancel, and/or reissue this solicitation. If an addendum is issued prior to the date proposals are due, it will be provided to all parties to whom solicitations were mailed. If an addendum is issued after the date proposals are due, the addendum will be provided only to those whose proposals remain under consideration at such time.

2. Proposal Preparation Costs

NESCAUM shall not be liable for any costs incurred by the Proposer in the preparation, submittal, presentation, or revision of its proposal, or in any other aspect of the Proposer's pre-contract activity. No Proposer is entitled to any compensation except under an agreement for performance of services signed by an authorized representative of NESCAUM and the Proposer.

3. Disclosure of Proposal Contents / Use of Ideas and Materials

Proposal information is not generally considered confidential or proprietary. NESCAUM, however, does not intend to publish cost data received.

4. Ownership of Submitted Materials

All materials submitted in response to or connection with this solicitation shall become the property of NESCAUM. Selection or rejection of a Proposal shall not affect this right.

5. Prices to Include

By submission of a Technology Pricing Form in response to this RFP, Proposers commit to providing complete devices, including installation kit, in compliance with all technical specifications and Terms and Conditions herein, for the prices noted. Such prices shall remain in effect for any devices ordered by NESCAUM between December 4, 2009 and December 31, 2010.

6. Warranty

Proposers must agree to provide a five (5)-year, 4200 (forty-two hundred) hour full replacement warranty on the new emission control system. All products supplied under this contract must not void any part of the engine warranty and carry the emission control manufacturer's warranty for performance, service and vehicle liability. Products must meet all safety requirements of the original equipment manufacturer. Awarded Proposers will be responsible to correct any damage that may occur to engines or equipment that is determined to result from the installation and/or use of their product(s) at no cost to NESCAUM or the construction equipment owner. Such action will be conditioned on the machine owner properly maintaining the machine or equipment, and making repairs in a timely manner. All products and services offered under this contract must comply with the statements and/or policies issued by the USEPA and CARB.

7. Conflict of Interest

If the Proposer may have a possible conflict of interest, or may give the appearance of a possible conflict of interest, the Proposer shall include in its proposal a statement indicating the nature of the conflict. NESCAUM reserves the right to disqualify the Proposer if, in its sole discretion, any interest disclosed from any source could create a conflict of interest or give the appearance of a conflict of interest. NESCAUM's determination regarding any questions of conflict of interest shall be final.

8. Authorized Signature

Proposals must be signed by an authorized corporate officer (e.g., President or Vice President), General Partner, or such other individual authorized to bind the Proposer to the provisions of its proposal and this solicitation.

9. References

NESCAUM may consult any reference familiar with the Proposer regarding its current or prior operations and projects, financial resources, reputation, performance, or other matters. Submission of a proposal shall constitute permission by the Proposer for NESCAUM to make such inquiries and authorization to third parties to respond thereto.

10. Evaluation Procedures and Negotiation

Only Proposers that meet the prerequisites may have their proposals evaluated based on the evaluation criteria set forth in this solicitation. NESCAUM may use such procedures that it deems appropriate to evaluate such proposals. During the period of proposal evaluation, additional information may be requested from one or more Proposers.

NESCAUM may elect to initiate contract negotiations with one or more Proposers including negotiation of costs/price(s) and any other term or condition, including modifying any requirement of this solicitation. The option of whether or not to initiate contract negotiations rests solely with NESCAUM.

11. Most Advantageous Proposal / No Obligation to Award

NESCAUM reserves the right to award a Contract to other than the Proposer proposing the lowest price. Contracts will be awarded to Proposers whose proposals NESCAUM believes, in its sole discretion, will be the most advantageous to NESCAUM and its project partners. Neither the release of this solicitation nor the acceptance of any response thereto shall compel NESCAUM to accept any proposal. NESCAUM

shall not be obligated in any manner whatsoever to any Proposer until a proposal is accepted by NESCAUM in the manner provided in the Section of this solicitation entitled “Proposal Rejection or Acceptance.”

12. Multiple Contract Awards

NESCAUM reserves the right to award multiple Contracts for program participation and Proposers are hereby given notice that they may not be NESCAUM’s only awarded firm.

13. Payment Terms

NESCAUM will make payments for all shipped hardware net 45 days of receipt of a proper invoice from the vendor, and proof of delivery to the designated location. For installation services, payment will be made 45 days from successful installation and owners’ acceptance of the equipment back into service.

14. Rights of NESCAUM

NESCAUM reserves all its rights at law and equity with respect to this solicitation including, but not limited to, the unqualified right, at any time and in its sole discretion, to change or modify this solicitation, to reject any and all proposals, to waive defects or irregularities in proposals received, to seek clarification of proposals, to request additional information, to request any or all Proposers to make a presentation, to undertake discussions and modifications with one or more Proposers, or to negotiate an agreement with any Proposer or third person who, at any time, subsequent to the deadline for submissions to this solicitation, may express an interest in the subject matter hereof, to terminate further participation in the proposal process by a Proposer or to proceed with any proposal or modified proposal, which in its judgment will, under all circumstances, best serve NESCAUM’s interest. NESCAUM may, but shall not be obliged to, consider incomplete proposals or to request or accept additional material or information. The holding of any discussions with any Proposer shall not constitute acceptance of a proposal, and a proposal may be accepted or rejected with or without discussions.

No Proposer shall have any rights against NESCAUM arising from the contents of this solicitation, the receipt of proposals, or the incorporation in or rejection of information contained in any proposal or in any other document. NESCAUM makes no representations, warranties, or guarantees that the information contained herein, or in any addenda hereto, is accurate, complete, or timely or that such information accurately represents the conditions that would be encountered during the performance of the contract. The furnishing of such information by NESCAUM shall not create or be deemed to create any obligation or liability upon it for any reason whatsoever and each Proposer, by submitting its proposal, expressly agrees that it has not relied upon the foregoing information, and that it shall not hold NESCAUM liable or responsible therefore in any manner whatsoever. Accordingly, nothing contained herein and no representation, statement or promise, of NESCAUM, its Directors, officers, agents, representatives, or employees, oral or in writing, shall impair or limit the effect of the warranties of the Proposer required by this solicitation or Contract and the Proposer agrees that it shall not hold NESCAUM liable or responsible therefore in any manner whatsoever.

At any time and from time to time after the opening of the proposals, NESCAUM may give oral or written notice to one or more Proposers to furnish additional information relating to its proposal and/or qualifications to participate in the program described by this solicitation, or to meet with designated representatives of NESCAUM. The giving of such notice shall not be construed as an acceptance of a proposal. Information shall be submitted within three (3) calendar days after NESCAUM’s request unless a shorter or longer time is specified therein.

15. No Personal Liability

Neither the Directors of NESCAUM, nor any of them, nor any officer, agent or employee thereof shall be charged personally with any liability by a Proposer or another or held liable to a Proposer or another under any term or provision of this solicitation or any statements made herein because of the submission or attempted submission of a proposal or other response hereto or otherwise.

Appendix A

Construction Rental Company Contacts

East PBE, Inc.

283 Pane Road
Newington, CT 06111
Kevin Keroack
(860) 665-7470 x223

Jesco, Inc.

118 St. Nicholas Avenue
South Plainfield, NJ 07080
Dennis Casey
(609) 267-2020

Kenvil Cranes, Inc.

60 Dell Avenue
Kenvil, NJ 07847
Mike Bracco
(973) 590-1172 (cell)

Appendix B

Equipment for Retrofit

Information in yellow was added Nov 9, 2009

Company	ID	Equipment				Engine				Annual Hours of Operation	Flow	Cycle	Displacement	RPM
		Type	Make	Model	Year	Make	Model	Year	HP					
East PBE Inc.	1651	Excavator	Komatsu	PC138USLC-2	2005	Komatsu	S4D102E	2005	86	600	TURBO	4	239 CU IN	2200
	20802	Excavator	Komatsu	PC138USLC-8	2007	Komatsu	SAA4D95LE-5	2007	97	1200	TURBO A.C.	4	199 CU IN	2200
	20574	Excavator	Komatsu	PC138USLC-8	2007	Komatsu	SAA4D95LE-5	2007	97	900	TURBO A.C.	4	199 CU IN	2200
	K45113	Excavator	Komatsu	PC160LC-7EO	2007	Komatsu	SAA4D102E	2007	115	500	TURBO A.C.	4	239 CU IN	2200
	11095	Excavator	Komatsu	PC160LC-7L	2006	Komatsu	SAA4D102E	2006	115	115	TURBO A.C.	4	239 CU IN	2200
	A88038	Excavator	Komatsu	PC200LC-8	2006	Komatsu	SAA6D107E-1	2006	155	155	TURBO A.C.	4	408 CU IN	2000
	A88014	Excavator	Komatsu	PC220LC-8	2006	Komatsu	SAA6D107E-1	2006	179	900	TURBO A.C.	4	408 CU IN	2000
	A88410	Excavator	Komatsu	PC220LC-8	2007	Komatsu	SAA6D107E-1	2007	179	700	TURBO A.C.	4	408 CU IN	2000
	31734	Excavator	Komatsu	PC228USLC-3	2005	Komatsu	SAA6D102E	2005	143	500	TURBO A.C.	4	359 CU IN	1950
	A40562	Excavator	Komatsu	PC228USLC	2007	Komatsu	SAA6D102E	2007	143	400	TURBO A.C.	4	359 CU IN	1950
	A86253	Excavator	Komatsu	PC270LC-7L	2005	Komatsu	SAA6D102E-2	2005	189	1000	TURBO A.C.	4	359 CU IN	2050
	A88154	Excavator	Komatsu	PC300LC-7	2006	Komatsu	SAA6D114E	2006	242	700	TURBO A.C.	4	505 CU IN	1900
	A86132	Excavator	Komatsu	PC300HD-7EO	2007	Komatsu	SAA6D114E-3	2007	260	500	TURBO A.C.	4	505 CU IN	1950
	A87561	Excavator	Komatsu	PC400LC-7	2007	Komatsu	AA6D125E-5	2007	362	1000	TURBO A.C.	4	674 CU IN	1900
	71939	Wheel Loader	Komatsu	WA150-5L	2005	Komatsu	SAA4D102E-2	2005	99	300	TURBO A.C.	4	239 CU IN	2000
	68948	Wheel Loader	Komatsu	WA200-5L	2007	Komatsu	SAA6D102E-2	2007	127	600	TURBO A.C.	4	359 CU IN	2000
	A74603	Wheel Loader	Komatsu	WA250-5L	2007	Komatsu	SAA6D102E-2-A	2007	139	1000	TURBO A.C.	4	359 CU IN	2000
	A74642	Wheel Loader	Komatsu	WA250-5L	2007	Komatsu	SAA6D102E-2-A	2007	139	1000	TURBO A.C.	4	359 CU IN	2000
	A33342	Wheel Loader	Komatsu	WA320-5L	2008	Komatsu	SAA6D102E-2-A	2008	170	1000	TURBO A.C.	4	359 CU IN	2000
	A53508	Wheel Loader	Komatsu	WA380-6	2008	Komatsu	SAA6D107E	2008	192	600	TURBO A.C.	4	408 CU IN	2100
	A52328	Wheel Loader	Komatsu	WA380-6	2007	Komatsu	SAA6D107E	2007	192	500	TURBO A.C.	4	408 CU IN	2100
	65011	Wheel Loader	Komatsu	WA430-6	2007	Komatsu	SAA6D114E-3A	2007	232	500	TURBO A.C.	4	505 CU IN	2100
	A38014	Wheel Loader	Komatsu	WA480-6	2007	Komatsu	SAA6D125E-5	2007	300	400	TURBO A.C.	4	674 CU IN	2000
	2511	Mobile Crusher	Komatsu	BR380JG-1EO	2008	Komatsu	SAA5D102E-2	2008	180	1000	TURBO A.C.	4	359 CU IN	2050
	1023	Mobile Crusher	Komatsu	BR550JG-1	2001	Komatsu	SAA6D125E-2	2001	306	800	TURBO A.C.	4	674 CU IN	1950
	2164	Crawler Truck	Komatsu	CD60R-1A	2008	Komatsu	S6D102E1A	2008	133	400	TURBO	4	436 CU IN	2050
	8392	Haul Truck	Hydrema	912C	2005	Perkins	1104C-44TA	2005	123	800	TURBO A.C.	4	???????	2200
	2034	Haul Truck	Komatsu	HM300	2006	Komatsu	SAA6D125E-2	2006	324	700	TURBO A.C.	4	674 CU IN	2000
	710214	Haul Truck	Moxy	MT31	2002	Scania	DC9	2002	340	800	TURBO A.C.	4	549 CU IN	2200
	410224	Haul Truck	Moxy	MT36	2001	Scania	DS112	2001	400	750	TURBO A.C.	4	714 CU IN	2100
	611006	Asphalt Roller	Hypac	C340C	2009	Cummins	4B3.3T	2009	75	500	TURBO	4	???????	2400
	611007	Asphalt Roller	Hypac	C340C	2009	Cummins	4B3.3T	2009	75	500	TURBO	4	???????	2400
	911012	Asphalt Roller	Hypac	C350D	2009	Cummins	4B3.3T	2009	75	500	TURBO	4	???????	2100
	A30402	Skid Steer	Komatsu	CK30-1	2007	Komatsu	S4D98E-2NF	2007	84	300	TURBO	4	203 CU IN	2500
	A40407	Skid Steer	Komatsu	CK35-1	2007	Komatsu	S4D98E-2NFE	2007	84	500	TURBO	4	203 CU IN	2500
	80034	Dozer	Komatsu	D155AX-6Y	2007	Komatsu	SAA6D140E-5	2007	354	1500	TURBO A.C.	4	930 CU IN	1900
50687	Dozer	Komatsu	D31EX-21A	2006	Komatsu	SAA4D102E-2	2006	80	300	TURBO A.C.	4	240 CU IN	2000	
5021	Dozer	Komatsu	D37EX-21Y	2002	Komatsu	SAA4D102E	2002	85	200	TURBO A.C.	4	240 CU IN	2000	
1707	Dozer	Komatsu	D39EX-21A	2005	Komatsu	SAA4D102E-2	2005	95	95	TURBO A.C.	4	240 CU IN	2200	
B10946	Dozer	Komatsu	D51EX-22	2008	Komatsu	SAA6D107E-1	2008	133	500	TURBO A.C.	4	408 CU IN	2200	
B40400	Dozer	Komatsu	D61EX-15	2005	Komatsu	SA6D114E-2	2005	170	400	TURBO A.C.	4	505 CU IN	1800	

	67580	Dozer	Komatsu	D65EX-15	2005	Komatsu	SAA6D114E-2	2005	207	1500	TURBO A.C.	4	505 CU IN	1950
	67782	Dozer	Komatsu	D65EX-15	2005	Komatsu	SAA6D114E-5	2005	207	400	TURBO A.C.	4	505 CU IN	1950
	10491.0	Excavator	Kubota	KX71-3	2005.0		V1505-E2-BH10	2005	27.5		NON TURBO	4	91.4 CU IN	2300
	34265	Excavator	Kubota	KX121-3R4AS	2007	Kubota	V2203	2007	42	250	NON TURBO	4	134.1 CU IN	2250
	30992	Excavator	Kubota	U45-R3AS	2007	Kubota	V2203M	2007	42	150	NON TURBO	4	134.1 CU IN	2250
	30941	Excavator	Kubota	U45-R3AS	2007	Kubota	V2203M	2007	42	250	NON TURBO	4	134.1 CU IN	2250
	22712	Excavator	Komatsu	PC58UU-3	2007	Komatsu	4D88E	2007	40	300	NON TURBO	4	133.6 CU IN	2400
	1964	Excavator	Komatsu	PC78MR-6	2006	Komatsu	S4D95LE-3	2006	54	325	NON TURBO	4	200 CU IN	1850
	3075	Excavator	Komatsu	PC78MR-6	2007	Komatsu	S4D95LE-3	2007	54	250	NON TURBO	4	200 CU IN	1850
	A21887	Back-hoe	Komatsu	WB140-2N	2006	Komatsu	S4D106-1FH	2006	86	300	TURBO	4	269 CU IN	2200
	10880025179	Asphalt Roller	Bomag	BW120AD-4	2007	Kubota	D1703MDI	2007	34.3	150	NON TURBO	4	??????	2700
	10188002524	Asphalt Roller	Bomag	BW120AD-4	2007	Kubota	D1703MDI	2007	34.3	150	NON TURBO	4	??????	2700
	371291	Dirt Roller	Bomag	BW124DH-3	2007	Duetz	F3L2011	2007	50	150	NON TURBO	4	??????	2800
	41030	Asphalt Roller	Bomag	BW161	2007	Duetz	BF4M2012C	2007	131	200	NON TURBO	4	??????	2300
	291002	Dirt Roller	Bomag	BW177D-4	2007	Cummins	B4.5-80C	2007	80	150	NON TURBO	4	??????	2200
	251281	Dirt Roller	Bomag	BW211D-4	2008	Duetz	TCD2013L042V	2008	133	175	NON TURBO	4	??????	2200
	471284	Dirt Roller	Hypac	C820C	2006	Duetz	BF4L1011	2006	75	125	NON TURBO	4	??????	2650
	531030	Dirt Roller	Hypac	C830C	2004	Cummins	4B3.9C	2004	75	250	NON TURBO	4	??????	2200
	861602	Dirt Roller	Hypac	C840C	2006	Perkins	1006-60T	2006	144	200	NON TURBO	4	??????	2240
Jesco Inc.	622516	Wheel loader	John Deere	644K	2009	John Deere	6068	2009	232	1000	Turbo	4	6.8 L	2250
	625256	Wheel loader	John Deere	744K	2009	John Deere	2090	2009	304	1000	Turbo	4	9.0 L	2000
	50478	Excavator	John Deere	160D	2009	John Deere	4045	2009	121	1000	Turbo	4	4.5 L	2200
	40053	Excavator	John Deere	210CW	2006	Isuzu	4BG1XABFA	2006	121	1000	Turbo	4	4.329 L	2200
	610566	Excavator	Hitachi	ZX450LC-3	2008	Isuzu	AH-6W61XYSA-01	2008	348	1000	Turbo	4	15.681 L	1800
	571242	Excavator	John Deere	180CW	2006	Isuzu	4BG1XABFA	2006	121	1000	Turbo	4	4.329 L	2200
	672164	Excavator	John Deere	225D	2009	Isuzu	AL-4HK1XYSA-02	2009	159	1000	Turbo	4	5.2 L	2200
Kenvil Cranes Inc.		Welding Machine	TRW-Nelson/Martin			Cummins	LTA-1002	1994	310	1440				
		Truck Crane	P+H	CNT 280		Caterpillar			250	600				
		Truck Crane	P+H	T650		Cummings	LTA 500	2006 (Rebuilt)	300	770				
		Truck Crane	Krupp	KMK 500		Mercedes Benz	OM 366A			1150				