



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT

CONTRACT No. 2012-FT-4

for

*SALES OF MISCELLANEOUS FERRYBOAT
SPARE PARTS*

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

**CONTRACT NO. 2012-FT-4
SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS**

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NOTICE INVITING BIDS

NOTICE IS HEREBY GIVEN that sealed bids will be received in the Office of the Secretary of the District, Golden Gate Bridge, Highway and Transportation District (District), either by U.S. Postal Service addressed to its mailing address, P.O. Box 9000, Presidio Station, San Francisco, CA 94129-0601; or by courier or personal delivery to the Administration Building, Golden Gate Bridge Toll Plaza, San Francisco, CA, by **Tuesday, January 17, 2012 by 2:00 p.m., Pacific Standard Time**, at which time bids will be publicly opened and read in the Board Room of said building for the following:

CONTRACT NO. 2012-FT-4
SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS

The District seeks bids for the sale of one surplus 16V-149 Detroit diesel engine and miscellaneous Cummins, 149, John Deere and 4-71 spare parts, which will be sold in “as-is condition,” “where-is location,” and “with all faults” to the highest responsive and responsible Bidder(s). Bids shall be submitted on the District’s “Bid Form” and enclosed in a sealed envelope marked, “**CONTRACT NO. 2012-FT-4, SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS,**” and plainly endorsed with Bidder’s name and address.

A Pre-Bid Conference will be held at the Golden Gate Ferry warehouse, Golden Gate Transit, 1011 Andersen Drive, San Rafael, CA on **Friday, January 6, 2012, at 10:00 a.m., Pacific Standard Time**. Attendance at the Pre-Bid Conference is not mandatory, but is strongly recommended as Bidders will have an opportunity to examine the engine and parts.

The District hereby notifies all Bidders that it is the policy of the District to ensure nondiscrimination on the basis of race, color, sex or national origin in the award and administration of contracts.

Bids will be examined and reported to the Board of Directors within ninety (90) days after the bids have been opened. The District reserves the right to reject any and all bids, or to waive any irregularities or informalities in any bid or in the bid procedure, or to postpone the bid opening for good cause. No Bidder may withdraw its bid for a period of ninety (90) days after the date of opening of the bids. Each Bidder will be notified of award of contract, if award is made.

The Bid Documents are available for download on the District’s web site. To download the documents, go to the District’s web site home page at <http://www.goldengate.org>, click on Contract Opportunities, scroll down to Ferry Division and look for Contract No. 2012-FT-4. For those who wish to download the Bid Documents from the District’s web site, your name will not appear on the District’s “List of Potential Bidders” unless you notify the Office of the Secretary of the District. The District requests that all potential Bidders who download the documents, complete the “List of Potential Bidders” form in Word format, posted with the Bid Documents, and return the form to the Office of the Secretary of the District. Ultimately, it is the responsibility of the Bidder to check the District’s web site for any Addenda that may be issued relative to this Bid.

To inspect and obtain the Bid Documents or for any additional information, please contact the Office of the Secretary of the District, by telephone at (415) 923-2223, by e-mail at districtsecretary@goldengate.org or by facsimile at (415) 923-2013


Janet S. Tarantino, Secretary of the District

Dated at San Francisco this 3rd of January 2012.

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

**CONTRACT NO. 2012-FT-4
SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS**

**INSTRUCTIONS TO BIDDERS AND
GENERAL TERMS AND CONDITIONS OF SALE**

1. **Description of Surplus Equipment.** The equipment that is available for sale (collectively, and individually, the “Items”) consists of the following:
 - A. One (1) 16V-149 TI 91627K24 Detroit Diesel Engine, Continuous Duty rating, 1600 BHP, 1800 RPM, as described in Exhibit B. The engine has never been used in service and is not currently functional, as it has been partially disassembled for parts.
 - B. Miscellaneous spare parts as described in Exhibits C - F.

All items and descriptions herein are believed to be correct; however, Bidders are cautioned to inspect the engine and spare parts prior to submitting a bid.
2. **Bid List.** Bid list is subject to change. The District may withhold from sale any of the items listed and/or add other items to the sale. Prospective Bidders will be notified on the District website of any changes to the bid list by written addendum before bid submission date.
3. **Inspection.** Engine and parts may be inspected at the Golden Gate Ferry warehouse, Golden Gate Transit, 1011 Andersen Drive, San Rafael, CA on Friday, January 6, 2012, at 10:00 a.m., Pacific Standard Time. For directions or questions, call Joe Wojewodzic, Senior Buyer, at (415) 925-5583.
4. **Bid Submittal Deadline.** Sealed bids will be received in the Office of the Secretary of the District, Golden Gate Bridge, Highway and Transportation District (District), either by U.S. Postal Service addressed to its mailing address, P.O. Box 9000, Presidio Station, San Francisco, CA 94129-0601, or by courier or personal delivery to the Administration Building, Golden Gate Bridge Toll Plaza, San Francisco, CA, by **Tuesday, January 17, 2012, by 2:00 p.m., Pacific Standard Time**, at which time bids will be publicly opened and read in the Board Room of said building.
5. **“As-Is Condition/Where-Is Location/With All Faults” - No Warranties Express or Implied.** Engine and all spare parts shall be sold in “as-is condition,” “where-is location,” and “with all faults” to the highest Bidder(s). No warranties, express or implied, are made as to fitness or quality. The Bidder should rely on its own judgment obtained from an inspection of the surplus engine and spare parts. The entire risk as to the condition, quality, and performance of these items is with the Bidder. The engine and spare parts will be released to the successful Bidder in their present condition and without

warranties, express or implied, as to their condition. The engine has been partially disassembled for parts. The removed components are not available to be reinstalled. The engine has 0 hours of operation.

6. **Minimum Bid.** There is no minimum bid for the engine and for the lots of spare parts.
7. **Bid Deposit.** The Bidder shall include with its bid a certified check in the amount of ten percent (10%) of the Total Bid Price. Deposits of unsuccessful Bidders will be promptly returned. Deposit of successful Bidder will be applied to the purchase price.
8. **Submission of Bid.** Bids shall be submitted on the attached Bid Form and enclosed in a sealed envelope marked “**CONTRACT NO. 2012-FT-4, SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS,**” to the Secretary of the District, either by U.S. Postal Service addressed to its mailing address, P.O. Box 9000, Presidio Station, San Francisco, CA 94129-0601, or by courier or personal delivery to the Administration Building, Golden Gate Bridge Toll Plaza, San Francisco, CA. Bids may not be withdrawn following the opening date and shall remain firm for ninety (90) days.
9. **Award.** The engine and spare parts listed on Exhibits B, C, D, E and F may be sold to the highest Bidder for each individual item. However, Bidders may bid on each item individually or make bids on some or all items in conjunction with other items. As an example, bidder may bid on Item 1 individually, or specify, by checking the appropriate box and listing additional items in the "Additional Comments" column, that bidder is only bidding on Item 1 in conjunction with Items 2 and 3. The District will sell the items for sale in the manner that maximizes value to the District, even if that means award to a Bidder that bid on multiple items as a single bid, but whose bid on one particular item was not as high as a Bidder who bid only on that item.
10. **Payment.** The successful Bidder(s) will be notified in writing of acceptance of its bid. Balance of purchase price must be paid by certified check within five (5) working days of notification, or the bid will be nullified and the Bid Deposit forfeited. Payment of the full purchase price must be made prior to removal of engine or spare parts.
11. **Bill of Sale/Release.** Along with notification that its bid has been accepted, the District will send the successful Bidder(s) a Bill of Sale/Release. See sample as provided on the attached Exhibit A. Buyer must execute the Bill of Sale/Release and return it to the District, along with payment of the purchase price, within five (5) working days of receipt of written notification. The District reserves the right to nullify a high Bidder's bid for failure to return the Bill of Sale/Release in a timely manner, in which case the Bid Deposit will be forfeited.
12. **Refunds.** All sales are final. There will be no refunds.
13. **Rejection of Bid.** The District reserves the right to reject any or all bids or to waive any irregularities or informalities in any bid or in the bidding procedure.

14. **Removal of Equipment and Risk Loss.** The Buyer assumes the risk of loss for all items purchased as soon as the Buyer takes physical possession of the items at the District's location. All items must be removed by the Buyer at its own expense from Golden Gate Transit, Golden Gate Ferry Warehouse, 1011 Andersen Drive, San Rafael, CA. Buyers must remove all items within five (5) working days after the District receives full payment and executed Bill of Sale/Release. A reasonable storage charge, as determined by the District, will be assessed after the fifth (5th) day.
15. **Default.** In the event the successful Bidder(s) fails to pay the full balance of the purchase price as stated in "Payment," it is agreed that the deposit submitted with the bid will be considered liquidated damages, and not a penalty, to cover the damage the District will suffer by reason of said default and the deposit shall not be returned. Upon the Bidder's failure to perform, the District reserves the right to dispose of the engines or spare parts in its sole discretion.
16. **Sales or Use Taxes.** Any applicable sales tax for engines and spare parts are the responsibility of the successful Bidder(s) and shall be added to the bid price at the time of sale, and are not considered included in the bid price.
17. **Hold Harmless Clause.** The Buyer to whom award is made is responsible for any and all injury to the public, person(s), and property and for all loss or damage arising from any unforeseen obstructions or difficulties either natural or artificial, which may be encountered in the removal of the item; for damage to person(s) and property resulting directly or indirectly from the removal of the items from District property, for damage from any action of the elements prior to completion of the removal while on District property or other storage facility; or for damage from any act or omission (including, but not limited to, malpractice, error, or mistake) on the part of the Buyer. The District shall not be liable for any damages or injuries to persons or property caused by the Buyer's purchase and use of the items, and the Buyer shall defend, indemnify, and hold the District free and harmless from and against any and all losses, liabilities, expenses, claims, costs, suits, and damages therefore. The Buyer agrees to defend any actions, suits or claims, pay all charges of attorneys and all other expenses and to satisfy and discharge any judgment that may be rendered against the District, its member agencies, directors, officers, agents, and employees.
18. **Prohibited Sales.** Sale of items shall not be permitted to any of the following:
 1. Members of the Board of Directors
 2. District Officers
 3. District employees, their families, or agents, unless the employee certifies that he or she has not had any involvement or influence in the bidding process or contract award, and agrees to abide by the conflict of interest provisions set forth in Article 4, Chapter 1, Division 4 of Title 1 (commencing with Section 1090) of the Government Code of the State of California.

19. **Additional Information.** Additional information may be requested by telephone or in writing to:

Janet S. Tarantino, Secretary of the District
Golden Gate Bridge, Highway and Transportation District
P.O. Box 9000, Presidio Station
San Francisco, CA 94129-0601
Telephone: (415) 923-2223
Facsimile: (415) 923-2013
E-Mail: districtsecretary@goldengate.org

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

**CONTRACT NO. 2012-FT-4
SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS**

BID FORM

**TO: GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT
SAN FRANCISCO, CALIFORNIA**

Pursuant to the Notice Inviting Bids, the undersigned Bidder herewith submits a Bid on the bidding form or forms attached hereto and made a part hereof, and binds itself on award by the Golden Gate Bridge, Highway and Transportation District under this Bid to execute a Contract in accordance with its Bid, the Bid Documents and the award. The attached Notice Inviting Bids, Instructions to Bidders and General Terms and Conditions of Sale, Bid Forms, and Addenda, if any, are made a part of this Bid and all provisions thereof are accepted, and all representations and warranties required thereby are hereby affirmed.

	ITEM	DESCRIPTION	BID QUOTE	ADDITIONAL COMMENTS ONLY ONE BOX FOR EACH ITEM <u>MUST</u> BE CHECKED
1	16V-149 ENGINE	See Exhibit B		<input type="checkbox"/> Bidding on Individual item <input type="checkbox"/> Bidding on item only in conjunction with items (insert item number from first column) ____, ____, ____, ____
2	CUMMINS PARTS [must purchase all parts]	See Exhibit C		<input type="checkbox"/> Bidding on Individual item <input type="checkbox"/> Bidding on item only in conjunction with items (insert item number from first column) ____, ____, ____, ____
3	149 PARTS [must purchase all parts]	See Exhibit D		<input type="checkbox"/> Bidding on Individual item <input type="checkbox"/> Bidding on item only in conjunction with items (insert item number from first column) ____, ____, ____, ____
4	JOHN DEERE PARTS [must purchase all parts]	See Exhibit E		<input type="checkbox"/> Bidding on Individual item <input type="checkbox"/> Bidding on item only in conjunction with items (insert item number from first column) ____, ____, ____, ____
5	4-71 PARTS [must purchase all parts]	See Exhibit F		<input type="checkbox"/> Bidding on Individual item <input type="checkbox"/> Bidding on item only in conjunction with items (insert item number from first column) ____, ____, ____, ____

The engine and spare parts listed on Exhibits B, C, D, E and F may be sold to the highest Bidder for each individual item. However, Bidders may bid on each item individually or make bids on some or all items in conjunction with other items. As an example, bidder may bid on Item 1 individually, or specify, by checking the appropriate box and listing additional items in the "Additional Comments" column, that bidder is only bidding on Item 1 in conjunction with Items 2 and 3. The District will award contract(s) in a manner that maximizes value to the District.

Bidder submits this Bid and hereby agrees to be bound upon award to purchase all equipment specified in this Bid Form at the prices noted and subject to the General Terms and Conditions of Sale. The undersigned certifies that he/she signs with full and proper authorization to do so.

Certified check in the amount of \$ _____ is included for deposit.

Firm or Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

Signature: _____ Title: _____

Please indicate if you are _____ Sole Owner _____ Partnership _____ Corporation or _____ Joint Venture

EXHIBIT A

BILL OF SALE/RELEASE

THIS BILL OF SALE/RELEASE is made and entered into this _____ day of _____, 2012, by and between the GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT (hereinafter referred to as "District") and _____ (hereinafter referred to as "Buyer"). Title to the engine and/or surplus parts transferred under this Bill of Sale/Release shall be transferred to the Buyer upon payment to the District and execution of this Bill of Sale/Release.

WITNESSETH, that the Buyer and the District, for the consideration hereinafter named, agree as follows:

1. **Scope of Work.** The District hereby agrees to sell to the Buyer the items (collectively, and individually, the "Items") in accordance with the Instructions to Bidders and General Terms and Conditions of Sale approved by the District entitled:

CONTRACT NO. 2012-FT-4

SALE OF MISCELLANEOUS FERRYBOAT SPARE PARTS

2. **Time of Performance.** Upon full payment of the bid price and execution of this Bill of Sale/Release by the Buyer, the District shall release the Items for removal by the Buyer. The Buyer shall remove the items at the Buyer's own expense within five (5) working days after release by the District.
3. **Payment.** Buyer shall purchase the Items for the sum of _____ (\$_____). This sum includes the bid price, as well as applicable Sales tax.
4. **"As-is Condition/Where-is Location."** All engine and spare parts shall be sold in "as-is condition," "where-is location," and "with all faults" to the highest Bidder. No warranties are made or implied as to fitness or quality. The Buyer is relying on its judgment obtained from an inspection of the surplus engine and spare parts. The entire risk as to the condition, quality, and performance of these items is with the Buyer.
5. **Release.** The Buyer is responsible for any and all injury to the public, person(s), and property and for all loss or damage arising from any unforeseen obstructions or difficulties either natural or artificial, which may be encountered in the removal of the item; for damage to person(s) and property resulting directly or indirectly from the removal and any future use (if applicable) of the Items; for damage from any action of the elements prior to completion of the removal while on District property or other storage facility; or for damage from any act or omission (including, but not limited, to malpractice, error, or mistake) on the part of the Buyer. The District shall not be liable for any damages or injuries to persons or

property caused by the Buyer's purchase and use of the items, and the Buyer shall defend, indemnify, and hold the District free and harmless from and against any and all losses, liabilities, expenses, claims, costs, suits, and damages therefore.

6. **Component Parts.** This Bill of Sale/Release shall consist of the following documents, each of which is on file in the Office of the Secretary of the District and all of which are incorporated herein and made a part hereof by reference hereto:

- A. Instructions to Bidders and General Terms and Conditions of Sale
- B. Bid Form (as accepted by the District)

7. **Governing Law.** This Bill of Sale/Release shall be governed and construed in accordance with the laws of the State of California.

FOR THE BUYER:

Name under which business is conducted: _____

Business Address: _____

Telephone Number () _____ Facsimile Number () _____

By: _____ Title: _____
(Signature of Buyer)

(Print Name)

FOR THE SELLER:

By: _____ Title: _____
(Signature of Seller)

(Print Name)

EXHIBIT B

One 16V149 Detroit Diesel Engine

ENGINE DESCRIPTION:

Manufacturer: Detroit Diesel

Model: 16V149 TI91627K24 Lo-NOx

Serial Numbers: 16E0013882

Rating: Continuous Duty Rated

Horse power: 1600BHP

RPM: 1800RPM

Cooling: Raw Water/Heat Exchanger

Engine Type: V-16 Cylinder, 2 Stroke Diesel

Bore & Stroke: 133mm x 133mm (5.25in x 5.25in)

Displacement: 39.1 L (2386 in)

Rotation: Counterclockwise Facing Flywheel

Aspiration: Turbocharged/After cooled

Emissions: EPA

*Spare engine, missing some parts, sold as is.

EXHIBIT C

CUMMINS SPARE PARTS LISTING

<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	3634029	PUMP WATER FRESH
4	3803530	KIT PISTON
4	3632225	ROD CONNECTING
1	3880731	GASKET HEAD SET
1	3804300	GASKET ENGINE SET
1	3393078	PUMP SEA WATER
2	3068976	AFTERCOOLER (USED)
1	4089122	TURBO CHARGER
4	3007525	LINER CYLINDER
4	3811985	HEAD CYLINDER
1	3627921	PUMP OIL LUBE
1	3029631	CLAMP V BAND
1	3063809	CLAMP T BOLT AIR CLEANER
2	3179846	CLAMP T BOLT AIR CLEANER
33	3001405	LOCK PLATE
4	3047390	BEARING ROD
2	69028	SCREW HEXAGON HEAD
2	3007512	SEAL O RING WATER PUMP
2	3628750	SWITCH PRESSURE
2	3866881	RELAY CONTROLLER
11	3058812	SEAL DUST AFTERCOOLER
12	3063294	SEAL GROMMET
2	3393978	CAP EXPANSION TANK 15PSI
4	3086362	VALVE CROSSHEAD
5	3897256	FLANGE WATER TRANSFER
1	3255478	HOSE HUMP AIR CLEANER
1	3654748	MODULE ELECTRONIC CONTROL
1	3176710	TUBE ASSY.
1	3630119	HOSE ASSY.
1	3628931	TUBE ASSY.
14	3082093	TUBE ELBOW
2	178957	GAUGE OIL CONTROL
1	3060609	VALVE OIL CONTROL
8	3897649	TUBE WATER TRANSFER
4	3034572	MAGNETIC PICK-UP SINGLE
1	3866640	CLAMP TUBE HEAT EXCHANGER
17	3897787	SEAL O RING HEAT EXCHANGER
10	3393303	SEAL O RING HEAT EXCHANGER
12	3348863	CONNECTOR MALE HEAT EXCHANGER
7	3348860	SEAL FERRULE HEAT EXCHANGER

5	3348861	SEAL O RING HEAT EXCHANGER
4	3897652	CONNECTION WATER INLET HEAT EXCH.
11	3076611	SEAL O RING HEAT EXCHANGER
40	3014304	SEAL RECTANGULAR RING HEAT EXCH.
4	3637472	CLAMP TUBE
2	3897653	CONNECTION WATER OUTLET
5	4069879	ISOLATER VIBRATION AIR CLEANER
48	3631163	SCREW HEX FLANGE HEAD
1	3628971	SOLENOID TIMER
2	3635078	CONNECTION WATER
2	3393232	CONNECTION WATER OUTLET
1	3393521	RING WATER CONNECTION OUTLET
2	4058150	ADAPTER CONNECTION WATER
2	3634746	HOSE FLEXIBLE TURBOCHARGER
2	3634744	HOSE FLEXIBLE TURBOCHARGER
8	3348867	TUBE CONNECTION ELBOW TURBO
1	3627295	COOLER OIL LUBRICATION
2	3628919	HOSE
1	3628921	HOSE
1	3626678	TUBE
1	3627910	HOSE
2	3021038	STARTER
3	3635046	HARNESS WIRING
2	3634747	HOSE FLEXIBLE TURBO COOLANT
1	3393486	TUBE WATER TRANSFER
5	3897692	TUBE WATER TRANSFER
6	3897693	TUBE WATER TRANSFER
1	3633702	HOSE FLEXIBLE
2	3897918	TUBE WATER TRANSFER
2	3014244	HOSE HUMP
6	3627381	SEAL RECTANGULAR AFTERCOOLER
11	3634052	CLAMP V BAND EXHAUST MANIFOLD
10	3626944	CLAMP V BAND
3	3609962	INJECTOR FUEL
1	3408326	ACTUATOR ETR FUEL CONTROL
8	3627095	SCREW HEX FLANGE HEAD
4	3046202	PLUG THREADED 3/4-16 UNF
11	3028291	SEAL O RING
18	4066112	SEAL O RING
18	205059	WASHER PLAIN
8	3632306	SCREW HEX HEAD CAP
12	3016182	NUT LOCK EXHAUST
24	3001811	SCREW TWELVE POINT
94	3023095	WASHER SEAL COPPER
10	207244	SEAL INJECTOR MOUNTING
20	131026	O RING INJECTOR FUEL TUBE MOUNTING
1	3054518	FLANGE BRACE WATER TRANSFER
4	3633047	NUT TUBE
1	3628962	UNION MALE PRELUB
6	3633046	SEAL FERRULE

1	3017961	ROD PUSH CAM FOLLOWER HOUSING
1	3080416	SENSOR PRESSURE FUEL
4	106143	SEAL O RING WATER TRANS. FUEL
6	3393274	SEAL O RING WATER TRANS. TUBES
3	3408591	SENSOR PRESSURE FUEL
3	3630839	GASKET ROCKER LEVER
3	3631230	GASKET ADAPTER EXHAUST
16	3037821	GASKET EXHAUST MANIFOLD
4	3966347	GASKET EXHAUST MANIFOLD
6	3966349	GASKET EXHAUST MANIFOLD
3	3630452	GASKET TURBO TO EXHAUST FLANGE
1	3049368	GASKET CONNECTION WATER TRANS.
8	206277	GASKET INTAKE MANIFOLD
14	3179028	GASKET CONNECTION INTAKE MANIFOLD
4	3049364	GASKET COOLANT SYSTEM
12	3930906	GASKET VALVE COVER
3	3630839	GASKET ROCKER LEVER HOUSING

EXHIBIT D

149 SPARE PARTS LISTING

<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	5141180	SPACER
0	5115214	PLUG OIL
12	23501664	KEY RAW WATER PUMP
50	23515899	SEAL O RING
12	5140857	O RING
4	23503687	BEARING MS FRESH WATER PUMP
4	8922201	SHAFT
2	274746	KEY WOODRUFF 149 DDEC 1.3820CRANKSHAFT
4	5117983	SEAL FRESH WATER PUMP
4	5117972	LOCK NUT
14	5140858	SEAL RING
5	5197279	KIT REPLACEMENT
3	8924297	SEAL WATER PUMP
3	NK10000640C150 16465	GASKET DONUT
10	23511400	NUT EXHAUST
3	8924525	SWITCH TEMP.
3	23503649	BEARING FRESH WATER PUMP
5	8924517	PLUG 1/2"
5	8923847	PLUG 1/4"
6	9421745	PLUG ROCKER ARM
8	5137201	WASHER COPPER
6	8925093	CONNECTOR 3/8"
4	454992	BOLT
8	NK1000064C200 16464	GASKET DONUT
4	8925094	CONNECTOR 1/2" FUEL
3	8924169	CONNECTOR 1/2" INVERT.
4	137399	NUT 3/8" INVERTED
6	124543	KEY WOODRUFF
6	NK1000063C300 16513	GASKET DONUT
0	5103367	COUPLING
20	5139851	WASHER
2	5141037	SEAL RING

5	5141036	SEAL RING
12	5144035	SEAL RING
7	23514941	BOLT SHOULDER
5	5116290	RING CYLINDER HEAD
16	23512307	ISOLATOR
18	5131724	KEY WOODRUFF
10	5131755	WASHER
24	181377	BOLT TURBO S/S 3/8-24-1-3/4
57	91839A135	LOCKNUT
7	5131433	WASHER X THICK
4	8926285	LOCKNUT
9	5143836	BUSHING
44	5135594	RING SEAL AIR INLET
35	5145602	BUSHING
4	5149460	KIT BEARING
2	148148	CIRCUIT BREAKER
12	5141452	SEAL RING
100	8928802	SPRING VALVE AIR INLET
6	23514308	HOSE TURBO DRAIN
10	5112785	LATCH
8	9424789	RING SNAP BLOWER
6	5138710	SEAL BLOWER
4	5145040	SEAL PISTON RING
5	5198936	SEAL RING
1	5176532	RING
5	5123743	SPRING AIR BOX
3	5117704	WASHER
5	5149154	RING SEAL
50	5139480	SEAL RING BLOWER COVER DRIVE
4	5197583	SEAL RING
2	5138965	GRIP CORD
25	23504350	SEAL RING
12	23518665	CONNECTOR FUEL
30	23504352	RING SEAL
2	5139156	CLIP
8	5138964	PLATE BLOWER
5	274903	RING CENTER BLOWER
20	5147640	LEVER AIR INLET
16	5114168	SHAFT AIR BOX
16	5173811	WASHER FUEL INJECTOR
2	5148007	VALVE CHECK

6	8921934	FORK FUEL PUMP
3	5141321	TUBE FUEL CROSSOVER
4	9409036	BOLT
8	5176810	PIN AIR SHUTDOWN
1	5141907	COUPLING
2	SS114498	NUT RAW WATER PUMP
2	5146098	SEAL RING
2	12015384	CONNECTOR TURBO BOOST
5	5139043	SHAFT BLOWER DRIVE
4	5138959	SHAFT CENTER BLOWER
17	23516808	CLAMP TURBO HOSE
24	25305492	CLAMP MARMON
7	23514042	GASKET TURBO EXHAUST
0	5141434	BRACKET TURBO CHARGER
0	23517070	VALVE AIR CONTROL
10	5145510	FLANGE OIL COOLER WATER
0	23506028	PUMP WATER INTERCOOLER
1	23511908	COUPLING RAW WATER
4	23502090	COVER PUMP WATER
2	23506875	KIT PUMP WATER FRESH
9	23511845	SEAL EXHAUST MANIFOLD
3	23511828	O RING PUMP WATER
8	8924980	EXPANDER EXHAUST MANFOLD
15	23502332	SEAL RING
1	23508398	SEAL RING
2	8927014	PLATE CAMSHAFT CONNECTOR
10	8927017	BOLT CAMSHAFT
7	8927016	BOLT CAMSHAFT CONNECT
3	5101323	RETAINER PISTON PIN
2	5117258	WASHER
2	9414879	RING SNAP
33	5199915	SEAL INSTALLER
20	8925203	KEEPER CYLINDER HEAD
2	8929494	RETAINER
49	5176830	NUT INJECTOR
8	51441126	SPACER PISTON
7	5139553	NUT
36	5126623	SEAL
6	5140947	SEAL RING
90	5139850	WASHER CYLINDER HEAD
6	5101198	O RING

3	5140521	SCREEN
3	5140607	SCREEN
4	5140610	SCREEN CENTER
12	23502349	BRIDGE VALVE
5	23540097	SENDING UNIT
4	5145142	PLATE SHIM
4	5139443	WASHER FRONT
3	8927013	SPACER CONNECT COUPLING
1	23512001	MODULE SPECIAL INTERFACE
1	23515237	SENSOR REFERENCE
4	23518417	BRACKET
0	23505775	PUMP BRACKET
1	23511917	SEAL RING
2	23513723	GASKET COUPLING ASSY.
2	23512207	TUBE & FLANGE
6	3/8-24-2	BOLT HEX
6	23502325	VALVE BLOWER
10	23504839	BOLT TURBO
1	6410640	CAP EXPANSION
3	23511895	RING SEAL AIR INLET
4	23516518	KIT RING SEAL
2	23511897	SEAL RING
2	8923898	PLATE RING
20	5136192	COUPLNG AIR INLET
4	191249	BOLT BLOWER
2	23502326	SEAL BLOWER BYPASS
2	8927322	ELBOW RAW WATER
2	23506248	SEAL FRESH WATER PUMP
10	5145410	SEAL RING
2	5141928	IMPELLER FRESH WATER
6	23512027	GASKET OIL COOLER
6	23501651	SEAL
2	23517271	RING SEAL OIL
6	8927573	SEAL PUMP
3	192884	BOLT OIL FILTER
2	5139457	GASKET FLY WHEEL
2	5139552	BOLT CONNECTING ROD ASSY.
15	5139509	SEAL RING CYLINDER
8	5140997	WASHER EXHAUST
14	23504149	BOLT PISTON
4	8921060	HUB BLOWER DRIVE

2	5138984	WASHER
2	8927017	INSULATOR
8	5139440	BOLT HUB
2	8923893	HUB BLOWER DRIVE
59	23509593	BOLT CYLINDER
4	5139431	BUSHING
2	8926153	BUSHING
4	5139143	BUSHING
7	5117269	GASKET
4	5170468	GASKET TURBO
20	8922593	GASKET FUEL SYSTEM
27	5170466	GASKET AIR SYSTEM
6	5178273	GASKET PUMP WATER
1	23502322	GASKET BLOWER BYPASS
19	5141021	GASKET 149TIB GEN. DRIVE
2	8929529	GASKET 149TIB TO ADAPTER
15	5143132	GASKET FUEL SYSTEM
3	5147430	GASKET FUEL MANIFOLD
3	23501662	GASKET RAW WATER PUMP
11	5141445	GASKET DDEC COOLING
9	5127922	GASKET 149 FRESH WATER PUMP
2	5141035	GASKET OIL COOLER MS'S 149TIB
2	5112143	GASKET RAW WATER PUMP
4	5142793	GASKET WATER JUMPER
4	23506470	GASKET OIL COOLER TO BLOCK
9	5139714	GASKET OIL COOLER
8	5150193	GASKET COOLING SYSTEM 149TIB
14	5139745	GASKET DDEC COOLING
24	23500483	GASKET SEA WATER
13	5104506	GASKET ADAPTER
14	5141039	GASKET OIL COOLER
6	322141	GASKET 1449TIB COOLING
4	5141839	GASKET TURBO OIL RETURN
6	5139159	GASKET FUEL PUMP
8	23515145	GASKET BIG HOLE COVER
5	25306131	GASKET DDE COOLING SYSTEM
12	5142787	GASKET 149 WATER BY-PASS
7	23506467	GASKET LUBE OIL
12	5141878	GASKET DDEC COOLING SYSTEM
11	5141811	GASKET TACH DRIVE
2	5139722	GASKET 149TIB OIL COOLER

4	23508779	GASKET VALVE COVER
10	5139583	GASKET 149TIB CRANKCASE
7	5143876	GASKET HEAT EXCHANGER
8	5141437	GASKET FLY WHEEL HOUSING
4	5145409	SEAL RING 149TIB OIL COOLING
26	5146482	GASKET AIR INLET HOUSING
9	23511401	GASKET EXHAUST MANIFOLD
6	8927620	GASKET OIL PAN SIDE COVER
8	5140648	GASKETOIL COOLER 149TIB
7	8927619	GASKET OIL PAN
6	5139501	GASKET DDEC COOLING SYSTEM
8	5100689	GASKET FRESH WATER PUMP COVER
27	23506090	GASKET BLOWER HOUSING END PLATE
11	5143148	GASKET GOVERNOR COVER
11	5124164	GASKET COOLING SYSTEMS
2	5145623	GASKET GOVERNOR HOLE
7	5143686	GASKET INSPECTION HOLE FRONT
12	5156145	GASKET ACCESSORY DRIVE
1	23509404	GASKET BLOWER AIR INLET
4	23509209	GASKET MVDN INTERCOOLER
2	8925654	GASKET OIL FILTER OIL BY-PASS
2	23506132	GASKET CYLINDER BLOCK WATER
9	5143681	GASKET CYLINDER BLOCK AIR BOX
8	5106703	GASKET 149TIB VENTILATING
10	8927618	GASKET CYLINDER BLOCK HAND HOLE
9	23509045	GASKET AIR INLET 149TIB
1	5145411	SEAL RING OIL COOLER 149TIB
6	17365-1000	GASKET END PLATE
2	5149939	GASKET SET BAFFLE
4	25306133	GASKET OIL FILTER
10	5149096	SHELL SET 149TIB
4	5198615	SHELL SET 149TIB
9	23522737	GASKET KIT CYLINDER HEAD
10	23519078	HOSE FLEX 149 DDEC TURBO
5	5139747	SHAFT ASSY.
7	R5138518	ARM ROCKER ASSY.
2	5198563	COMPOUND INTERNATIONAL
2	8922206	ROATAING ASSY.
4	5139883	BAFFLE OIL PAN
18	5117231	GASKET OIL PAN
11	5198547	SHELL SET STD.

4	94-550	HOSE HUMP 149 TURBO
3	23514351	HOSE HUMP 149 DDEC
4	8921069	HOUSING SHUR DOWN
1	8925879	ADAPTER FUEL STRAINER
7	8921068	VALVE AIR INLET HOUSING
4	23502089	CAM PUMP WATER SEA
8	23502086	IMPELLER PUMP WATER SEA
4	719072	DIPSTICK
1	DFLV185	HOSE ASSY INTERCOOLER
2	23500485	KIT BLOWER
5	8927296	PUMP WATER
1	23513386	PLATE MVDN CRANKCASE
2	23516498	KIT GASKET INLET HOUSING
1	R5234920	INJECTOR FUEL DDEC
2	23516326	PIPE RAW WATER COOLING
16	8921526	SHAFT AIR INLET HOUSING
1	23511778	HARNESS INJECTOR WIRING
1	23515118	HARNESS INJECTOR WIRING
2	23511777	HARNESS INJECTOR WIRING
1	23502097	KIT O/H SEA WATER PUMP
1	23512219	ADAPTER WATER
1	23511912	COOLER FUEL 149 DDEC
2	2015-49	CLEANER& CONDITIONER
1	23518743	MODULE CONTROL
3	23525430	THERMO WELL MV DEL NORTE
2	R23509399	TURBO CHARGER 149 DDEC
	RD963402	COOLER BOOST TUBE & SHELL
2	12504524	INTERCOOLER ASSY.. MVDN DDEC M/E
4	23504524	ADAPTER EXHAUST Y MVDN
2	23509236	BLOWER ASSM,
15	23523189	CYLINDER INSTALL
13	8928932	RING SET
1	23503033	PISTON
1	23502356	LINER
4	50100B	GASKET EXHAUST FLANGE 10"

EXHIBIT E

JOHN DEERE SPARE PARTS LISTING

<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
6	19M7886	SCREW STARTER
0	18H2104	SCREW CAP 3/8X5"
8	R105346	GASKET TURBO OIL
1	R54826	HOSE ASSY
4	19H3329	SCREW CAP 3/8"X5-3/4"
30	R79605	WASHER GEN.
2	R34985	LINE OIL COOLER
4	R56193	O-RING COOLER MVDN
2	R61871	O-RING COOLER MVDN
2	R56192	O-RING COOLER MVDN
0	RE49490	KIT PUMP
3	R97350	GASKET MVDN
0	RE49491	KIT PUMP WATER RAW
1	R111079	HOSE MVDN
2	R119567	HOSE MVDN
2	R56551	HOSE MVDN
6	JD9449	BEARING PUMP
3	01-35670	SHAFT PUMP WATER
8	09-1028B	IMPELLER
1	RE51649	KIT FILTER
1	RE42211	PUMP FUEL
0	RE47016	PUMP WATER
0	R57260	BRACKET ALTERNATOR
4	RE62240	SOLENOID FUEL
6	RE48786	INJECTOR
0	DVR2000	VOLTAGE REGULATOR
0	HT-1C-200R	SWITCH TEMP.
1	TM2C-220R	SWITCH TEMP.
3	730825-01	DIODE
3	730824-01	DIODE
1	ARH8675	THERMOSTAT
2	R11049	NUT ALTERNATOR
2	T10745	WASHER

4	R99693	O-RING
4	F2576R	O-RING
4	R87764	O-RING
2	R87764	FAN ALTERNATOR
4	R57260	BRACKET
2	T42171	PULLY
1	RE31286	COOLER
3	PSB-50-EX	SWITCH PRESS OIL
1	RE50012	SENDER PRESS OIL
2	ESP-100	SENDER PRESS OIL
5	R108612	GASKET TURBO
2	R120244	GASKET EXHAUST
6	5193562	GASKET RAW WATER PUMP
4	R53108	GASKET STARTER
2	R96935	GASKET PUMP WATER
1	R108730	GASKET MV DEL NORTE
4	R98485	GASKET OIL
4	R98471	GASKET OIL COOLER
4	R98489	GASKET OIL COOLER
1	6064	LINE FUEL SHEATHED
4	R75728	GASKET ROCKER GEN.

EXHIBIT F

4-71 SPARE PARTS LISTING

<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
8	5167764	GASKET HEAT EXCHANGER
11	23505521	GASKET 4-71 BREATHER
8	23506469	GASKET WATER MANIFOLD
1	5123812	GASKET GOV. HYD.
3	5150188	GASKET FRESH WATER PUMP
6	5150154	GASKET OIL COOLER ADPT.
12	5175882	GASKET OIL COOLER ADPT. TOP BLOCK
6	5103394	GASKET TURBO EXHAUST
6	3249110	GASKET HYDRAULIC GOV.
2	5153902	GASKET FRESH WATER PUMP
2	23509675	GASKET HYDRAULIC GOV.
3	5158747	GASKET INLET-OUTLET TUBE
6	5167761	GASKET GEN.
21	5104507	GASKET SPEED SWITCH
6	5108989	GASKET EXHAUST MANIFOLD
5	5117332	GASKET ENGINE LIFTER BRACKET
4	5120224	GASKET EXHAUST MANIFOLD
4	23501591	GASKET OIL COOLER CORE INNERMS
9	5150246	GASKET HYDRAULIC GOV.
18	3290612	GASKET RAW WATER PUMP
6	5153788	GASKET OIL PAN COVER
22	5132117	GASKET HOLE CYLINDER BLOCK
0	8923223	GASKET OIL COOLER CORE
0	5115395	GASKET RAW WATER PUMP
0	5199569	SHIM CYLINDER LINER
1	5104081	GASKET ROCKER (VALVE)
23	5167745	GLAND HEAT EXCHANGER
38	5167746	SEAL HEAT EXCHANGER RAW WATER PMP
6	5150116	GASKET OIL PAN TO BLOCK
1	5123061	TUBE FUEL LINES
1	3225893	SHAFT 4-71 GOV DRIVE
2	3224084	GEAR 4-71 GOV DRIVE
3	704103	COIL GOV. SHUT-DOWN

2	8928665	VALVE GOV.
1	23500533	SEAL KIT BLOWER
3	5146261	SPACER SHAFT
1	5173365	PLATE BLOWER ROTOR
2	5155765	SPRING OIL PUMP RELIEF
3	5177778	SPRING OIL PUMP RELIEF
9	8928537	KEY GOV. THROTTLE
5	8926292	WASHER BLOWER
3	5133594	SPRING OIL FILTER
3	5176119	SHIM OIL PUMP
10	5134920	GASKET OIL FILTER
2	5175944	WASHER GEAR OIL PUMP
1	5154639	SHAFT BLOWER
9	5150346	SEAT BLOWER DRIVE
14	31487	WASHER FIBER
2	5166650	GEAR OIL PUMP PRESSURE
1	5156815	SPRING OIL PRESSURE
2	5120082	VALVE OIL PRESSURE
2	5150433	TUBE ASSY. BLOWER DRIVE
1	5194800	KIT OVERHAUL OIL PUMP
1	5192751	KIT HUB
1	169067	BALL MS 4-71
1	5101760	ELEMENT FILTER
6	5103646	SEAL BREATHER
6	5167727	RING BLOWER DRIVE
0	5103377	COUPLING ASSY.
6	5103642	SCREW BREATHER BODY
1	5156770	SEAL WATER MANIFOLD
2	5159457	SEAL FRESH WATER PUMP
2	5150364	COVER FRESH WATER PUMP
5	5188036	CLAMP SEAL
1	854012	DRAINCOCK 1/8"
9	23505398	LOCKNUT WASHER 7/16-24"
3	179816	BOLT 4-71 FRESH WATER PUMP
3	103320	LOCK WASHER
0	6410879	CAP RADIATOR
4	23500714	SHAFT ROCKER ARM ASSY.
4	5148475	ARM ROCKER EXHAUST VALVE
6	5150271	BOLT CRANKSHAFT TIMING
11	5103534	BOLT ILDER GEAR BEARING
1	5119973	RING SEAL OIL CYLINDER

2	5177769	LOCKWASHER WEIGHT
1	23503769	SEAL CRANKSHAFT
5	5178998	PLUG CYLINDER
8	5111424	WASHER CRANKSHAFT PULLY
2	23501143	BOLT CRANKSHAFT PULLY
2	5150014	PLUG CYLINDER BLOCK ASSY.
1	5157930	RETAINER CRANKSHAFT
3	5146080	SWITCH TEMP.
0	5104515	ISOLATOR ROCKER
2	5196022	BREARING SET CAMSHAFT
6	5115572	RING LOCK
2	5172734	RETAINER CAM
7	5130753	LOCK PLATE FLYWHEEL
6	5159353	WASHER THRUST CRANKSHAFT
4	5169864	SCREW SET 4-71 HYD. GOV.
4	274856	NUT HYD. GOV. DRIVE
3	5169866	WASHER HYDR. GOV, DRIVE
5	5150250	WASHER INJECTOR CLAMP
6	1863A16	LATCH DRAW
2	5130909	BRACKET THRRORLE CONTROL
1	5102257	FORK FUEL PUMP
17	8924749	PLUG FUEL RAIL
6	5147345	PIN INJECTOR RACK
3	5171344	WASHER GOV. DRIVE
6	5117369	CONNECTOR FUEL
1	23503717	BEARING 4-71 GOV.
11	3249112	SEAL GOV. HYDRAULIC
4	206573	SEAL GOV. HYDRAULIC
5	5125108	WASHER FUEL PIPE
3	3307753	O-RING WOODWARD GOV.
2	3292009	KNOB HYDRAULIC
1	23503538	BEARING 4-71
8	23533308	TUBE ASSY. FUEL
8	23533307	TUBE ASSY. FUEL
1	3224085	SLEEVE
2	5193576	GEAR RAW WATER
3	5144768	CLAMP BLOWER
4	23505525	GASKET COVER AIR BOX
0	5104439	WASHER EXHAUST
1	5115375	HOSE SEAL BLOWER
3	5103646	SEAL BREATHER

1	5172141	THERMOSTST
1	5108024	HOSE TURBO CONNECTION
16	BEM	BOLT ENGINE MOUNT
2	R23509705	ROD CONNECTION ASSY.
4	5111422	BEARING CAMSHAFT
3	5198676	GASKET KIT
1	5139346	PULLY CRANKSHAFT
4		VIBRATION ISOLATOR
0	GWA	SWITCH SPEED
1	5140530	DRIVE GOV.
0	23514204	KIT BLOWER OVERHAUL
3	5192753	KIT BLOWER INSTALLATION
11	R5228780	INJECTIOR ASSY.
2	R23506735	PUMP FRESH WATER
1	5195534	RACJ INJECTOR
0	5175986	PUMP OIL
1	5144441	TUBE ASSY.
1	5106237	TUBE TURBO OIL RETURN
3	23504197	SOLENOID SHUTDOWN GOV.
3	23522955	RING SET
0	5147714	HOSE TURBO DRAIN
1	5192637	GASKET KIT HEAT EXCHANGER
2	23512675	GASKET KIT OVERHAUL
1	23518743	ECM
1	23502022	LINER #3 4-71 STANDARD
2	AF 4-71	FILTER AIR
16	111X25	PAPER ROLL
0	5115965	TUBE ASSY. 4-71
0	5197224	KIT RECONDITIONING
2	5106176	ADAPTER CONN. TURBO EXHAUST
1	R5106335	TURBO CHARGER
5	23511129	SHELL SET CONN.ROD
1	23507225	SLEEVE SEAL OIL
12	3290611	PLATE AIR INLET
1	40-350-3S	CLAMP EXHAUST T-BOLT
3	8927748	SEAL GENERATOR
3	5115454	SEAL (23514608)
1	5167766	RETAINER
1	A-9706R-60	BEARING BALL 4-71
5	5192874	SHELL SET CRANKSHAFT
3	23506597	HOSE TURBO AIR OUTLET

1	R5199561	PUMP FUEL REBUILT
3	5135597	IMPELLER 4-71 FRESH WATER
3	5149918	KIT REPLACEMENT
4	5195101	SEAL RAW WATER
2	5831F-25	VALVE CHECK 2-1/2"
2	5146469	COVER FRESH WATER PUMP
2	834-0001	CAM LINER
3	12062-0000	COVER SEA WATER
1	2574-0000	WASHER THRUST
4	17935-0001	IMPELLER
4	6408-0000	SEAL SEA WATER
1	6110-8	BRACKET RESISTOR
1		RESISTOR
0	5175986	PUMP OIL ASSY.
4	5148472	ARM ROCKER EXHAUST
4	8923554	ARM ROCKER INJECTOR
1	23507306	SPACER CEANKSHAFT
3	849990039	GASKET INTERCOOLER PLATES
1	7451948	BEARING ASSY.
3	5117003	BOLT CYLINDER
0	5184484	INSERT CONN. ROD
1	5176998	RETAINER
8	5199569	SHIMS
0	8927581	BOLT 4-71
0	5148373	BOLT
0	8927582	BOLT SHELF SEALING
2	186643	BOLT MS
6	103321	LOCKWASHER
0	5144846	SPACER PISTON
3	181374	BOLT