

July 26, 2024

TO: All Bidders under Invitation to Bid No. 24-101674

FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. 2

ITB No. 24-101674 Engine and Generator Maintenance and Repair (Annual Contract with 2 Options to Renew) is hereby amended as follows:

1. The bid deadline has been extended to Wednesday, August 7, 2024 at 3:00 pm EST.
2. DELETE pages 26 and 27 of the Minimum Specifications in the Solicitation, and REPLACE with the attached pages 26 and 27.
3. We have received questions pertaining to this ITB. The questions and the resulting responses appear below:

1.	Question:	<i>“Page 25 – 3.1.A.9.A “Inspect and test the following for a minimum of one (1) hour under load conditions:”. My question is, NFPA states 30 minutes is acceptable for monthly run time tests I believe. We can certainly run them for an hour but it you can save on labor and generator fuel expenses by reducing this if you so see fit.?”</i>
	Answer:	The typical run time is 45 minutes.
2.	Question:	<i>“Page 26 – 3.1.B.1.B and C “ b. Test the cross-head adjustment to valves using a dial indicator to check valve clearance and the injector plunger adjustment. Provide proper documentation to verify that component is within specification. c. Check for proper valve rotation.” My question is, these two items are not a test any longer. This is taken from one old engine you no longer have anymore and this requirement was required after every 2000 hours of run time, not a annual event as no manufacture would ask for this to be done annually with such low hours. Since it will not be performed, I thought I would mention it so that it can be removed or at least noted in case it is asked in the future why this is not being performed”</i>
	Answer:	Please refer to the attached revised page 26 of the solicitation.
3.	Question:	<i>“Page 26 – 3.1.B.2.B and C. “ b. Obtain a live oil sample for analysis of S.O.S. Remove and replace engine oil (with a manufacturer recommended grade) and send engine oil to an independent lab for analysis. c. Change oil and oil filters in accordance with the County’s requirements pending results of the oil analysis. Indicate the date the filters were changed on the filters.” My question here is, I think you want to ask the user departments on this, as this is not the correct way. Typically you change the oil and oil filters annually. If you opt for a service where you change oil based on a oil sample to save money, you typically would change the oil filter and take a oil sample. If the sample came back bad, then you would come back and change the oil. As its worded now, its kind of backwards.”</i>
	Answer:	Please refer to the attached revised page 26 of the solicitation.

4.	Question:	<i>“Page 26 – 3.1.B.4 . My question is, you are obtaining a oil sample in section 2.B above, and are obtaining a diesel fuel sample in section 3.E above; why would you not collect a coolant sample as well? Cooling system failures are common and prior diagnosis of this fluid is just as critical as the 2 other fluids in the machine. Since your maintenance is gearing towards a proactive/predictive model with taking fluid samples for analysis, it would seem this important fluid test was overlooked causing you to not make sound judgment on preventive tasks and only being able to be reactive to failures when they occur. I would consider adding “C. Take a coolant sample for analysis.”</i>
	Answer:	Please refer to the attached revised page 27 of the solicitation.
5.	Question:	<i>“Page 28 – 3.1.B..8. My question is how many hours do you want the load bank test to run for? Two hours is standard.”</i>
	Answer:	The load bank testing typically run for 2 hours.
6.	Question:	<i>“There are a total of 79 generators that are not included in the load bank portion of the bid. With that being said will those units require an additional monthly service or will those only be serviced 11 out of the 12 months?”</i>
	Answer:	The load bank can be performed once per year and during the same trip as the monthly test.
7.	Question:	<i>“For the 65 units to be load banked, do you have a list of the voltage of those units? Some voltages require the use of a transformer.”</i>
	Answer:	Yes, please see the attached Exhibit 1.
8.	Question:	<i>“What duration of time are you requiring for load bank testing?”</i>
	Answer:	The typical load bank testing time is 3 to 4 hours.
9.	Question:	<i>“Will the use of a temporary backup generator be needed while the generator being load banked is offline?”</i>
	Answer:	No, a temporary backup generator will not be needed while the generator being load banked is offline.
10.	Question:	<i>“Is using LSBE an absolute requirement? Reason is we have over 200 tech’s companywide currently, and we wouldn’t have a need to sub-contract any work out. Or how do we go by using a LSBE?”</i>
	Answer:	<p>Yes. The awardee must make a “good faith effort” to utilize a qualified LSBE Sub-Contractor under the DeKalb First program.</p> <p>If the Prime is unable to locate a qualified LSBE vendor they must indicate so on the Checklist for Good Faith Efforts located on page 62 of the solicitation. Each question must be answered.</p> <p>The Prime must indicate they are self-performing on the Letter of Intent document located on page 66 of the solicitation if they are unable to locate a qualified LSBE vendor.</p> <p>The Prime can reach out to approved LSBE vendors from the certified vendors list on the DeKalb County Government Purchasing and Contracting website:</p> <p>https://lsbecertification.info/pages/Directory/SearchPublic.jsp</p>

11.	Question:	<i>“Can the Load banking & annual be performed on the same visit?”</i>
	Answer:	No, the load banking and annual may not be performed on the same visit.
12.	Question:	<i>“SMS Trailer #194, I didn’t see any information for that to be Load Banked. Just want to make sure I didn’t miss it.”</i>
	Answer:	Please refer to line item #117 of the price schedule.

4. It is the responsibility of each bidder to ensure that he or she is aware of all addenda issued under this ITB. Please sign and return this addendum. You may contact Tiffany Reid, Procurement Agent, at tmreid@dekalbcountyga.gov before the bids are due to confirm the number of addenda issued.
5. All other conditions remain in full force and effect.

Tiffany Reid

Tiffany Reid
Procurement Agent
Department of Purchasing and Contracting

ACKNOWLEDGEMENT

Date: _____

The above Addendum No. 2 to ITB No. 24-101674 is hereby acknowledged:

(Company Name)

(Printed Name of Bidder's Authorized Signer)

(Signature of Bidder's Authorized Signer)

(Title)

1. **Reporting:**

- a. Submit detailed report after each inspection, test or repair, noting the following:
 - (1) A description of the condition of ductwork, enclosures, wearing or rubbing of parts and vibration minimizers.
 - (2) A detailed description of the routine work that was completed, normally price covered.
 - (3) A description of prices for work not routinely covered, but approved by the County and completed.
 - (4) The exact location of work.
 - (5) The exact date of work.
 - (6) A list of names of employees that performed inspection, test or repair.
- b. Submit recommendations, if found to be needed, for any repairs or maintenance **not covered by the contract.**
- c. Bring to the attention of County representative any soon-needed repairs.

B. Annual Major Inspection, Maintenance and Turn-Key Services

1. **Air Intake and Exhaust System:**

- a. Replace air filters and indicate the date changed on the new filters during annual inspection, preferably mid-contract.
- b. Inspect the turbocharger for proper operation and visual defects.
- c. Check for oil leaks, cracked insulation or unusual noises.

2. **Lubrication System:**

- a. Inspect all gaskets and seals.
- b. Obtain a live oil sample for analysis of S.O.S. Remove and replace engine oil (with a manufacturer recommended grade) and send engine oil to an independent lab for analysis.
- c. Change oil and take a oil sample only, if oil comes back defective, then change oil. Annually Inspection Only.
- d. Inspect and clean the crankcase breather.
- e. Check crankshaft end clearance.

3. **Fuel System:**

- a. Replace fuel filters and inspect for proper sealing and functioning (check with the County representative as to procedure).
- b. Inspect day tank.
- c. Test fuel pumps, all pilot devices and level controls for proper operation (where present).
- d. Inspect all hoses and fuel lines on diesel engines to ensure proper snugness of fittings.
- e. Take fuel samples for analysis.

4. Cooling System:

- a. Check antifreeze concentration and coolant inhibitor.
- b. Check for leaks.
- c. Collect coolant sample during Annual Inspections Only.

5. Electrical System:

- a. Test the engine alternator and engine voltage regulator output and battery charging system for proper operation and adjust as needed.
- b. Inspect and test power inverters for correct operation.
- c. Check battery electrolyte level and add correct electrolyte as necessary.
- d. Clean and tighten cables for batteries and apply antioxidant compound, or corrosion inhibitor, as needed.

6. Engine System:

- a. Inspect engine mounts and tighten as needed.
- b. Inspect and test all starter motors and their respective electrical connections.
- c. Inspect and functionally test the engine governor.
- d. Inspect and functionally test all engine safety interlocks for proper working order.
- e. Inspect the idler assembly and repack with proper grease.
- f. Inspect water pump, pulleys and all v-belts.
- g. Test thermostat and water valves for leaks and proper operation.
- h. Inspect radiator caps and verify that they will hold pressure.
- i. Inspect and test DCA levels in Cummins engines.
- j. Replace water filters and top-off as required.
- k. Test for leaks in the coolant and in the heat exchanger systems.

7. Generator Set:

- a. Check system under load for a minimum run period of thirty (30) minutes to record unit panel instrument readings.
- b. Lubricate generator bearings in accordance with the manufacturer's recommendations.
- c. Verify space heater operation.
- d. Inspect and test automatic transfer switch (ATS) during testing of generator set and notify the County representative immediately if a repair(s) is needed. Inspection and testing should include the following:
 - (1) Submit an individual inspection report for each ATS. List location, manufacturer's name, model, serial number, voltage rating and current rating.
 - (2) Inspect the switch for obvious signs of trouble or damage and vacuum the enclosure of accumulated dust and debris.
 - (3) Record normal and emergency source voltages/voltage drop (line to neutral) and current readings for each phase.
 - (4) Compare voltages to tolerances and note any deficiencies.
 - (5) Calculate the kilowatt load for each switch and sum with all switches on generator.
 - i. Compare the resulting values with the generator rating.
 - ii. Ensure minimum loading as per NFPA 110 standards.
 - iii. Ensure the emergency power supply system is not overloaded.

EXHIBIT 1

Lift Stations 2023	Zone	Generator Make	Generator KW	Volt	Phase
Beachwood Forrest #49 5369 Beachwood RD. Lithonia, GA 30058	1	Cummins	65	240	3
Boulder Walk #55 2976 Boulder Walk Court Atlanta, GA 30316	1	Olympian	40	230	3
Briarwood Field #37 2476 Field Way Atlanta, GA 30319	2	Cummins	20	230	3
Browns Mill 1(sew) #66 5101 Browns Mill Rd. Decatur	4	ONAN	60	460	3
Browns Mill 2(pool) #66 5101 Browns Mill Rd, Decatur	4	ONAN	60	460	3
Burlington #42 3585 Wolverton Circle, Lithonia, GA 30038	1	ONAN	80	230	3
Camelot #47 4053 English Valley Drive Ellenwood, GA 30294	1	Cummins	20	240	3
Camp Creek #26 4877 Lawrenceville Hwy, Tucker, GA 30084	5	Cummins	60	240	3
Chester Hills #54 581 Dove Lane, St. Mountain	3	Cummins	35	230	3
Cofer Crossing #38 2452 Ivey Crest Circle Tucker, GA	2	Cummins	65	460	3
Fourth Steet #15 920 Fourth Street St. Mountain	5	Cummins	35	240	3
Green Pastures #51 5175 River Rd. Ellenwood	1	Cummins	60	230	3
Greenridge #43 1366 Greenridge Ave. Lithonia, GA 30058	3	Cummins	45	240	3
Hammer Mill 1 #22 4756 Hammermill Rd. Tucker, GA 30084	2	NG Pump	NA	230	3
Hammer Mill 2 #21 4880 Hammermill Rd. Tucker, GA 30084	2	ONAN	35	240	1
Hammer Mill 3 #20 4523 Roger Martin Way Tucker, GA 30084	2	Cummins	60	480	3
Harmony Hills #40 1801 Harmony Hills Ct. Lithonia, GA	3	NG Pump	NA	240	3
Hearn Rd #45 4317 Hearn Rd, Ellenwood, GA	4	Kohler	100	460	3
Holly Hills #44 3479 Hickory Walk Lane Ellenwood, GA 30294	1	ONAN	80	240	3
Honey Creek #69 7501 Rockland Rd. Lithonia, GA	6	Kohler	1020	480	3
Honey Creek #34 - B Interm Peak Storage Facility	6	N/A	NA	480	2
Johnson Creek #70 8304 Union Grove Rd.	6	Kohler	645	480	3
Kings Way #33 5985 Kings Way Walk Lithonia, GA 30058	3	ONAN	35	208	3
Klondike Manor #56 4444 English Loop Lithonia, GA 30038	3	ONAN	20	230	3
Leeshire #27 5029 Leeshire Trail Tucker, GA	4	Cummins	75	380	3
Lehaven #29 2616 Oak Ave Tucker, GA 30084	2	ONAN	35	240S	2+1

Lewis Way #48	1664 Lewis Way	St. Mountain, GA 30083	2	ONAN	20	240	3
Lithonia #68	2473 Bear Mountain Street,	Lithonia GA 30058	6	Cummins	900	480	3
LCC 1 #10	7366 Drake Ave.	Lithonia, GA 30058	6	Caterpillar	1000	480	3
LCC 2 #9	1485 Rock Chapel Rd	Lithonia, GA 30058	6	Caterpillar	1000	480	3
LCC 3 #8	7134 Maddox Rd.	Lithonia, GA 30058	6	Caterpillar	1000	480	3
Medlock Place #46	2466 Vivian Circle	Decatur, GA	1	Cummins	35	240S	3
Moss Stone #61	7316 Moss Stone Drive	Lithonia, 30094	3	ONAN	35	240	3
Mountain Ind. #28	2301 Mountain Industrial Blvd,	Tucker, GA 30084	2	ONAN	60	240	3
New Gibraltar #13	1099 New Gibraltar Sq.	St. Mountain	3	Cummins	35	240	2+1
Norris Reserve #67	7788 Nolan Trail ,	Snellville, GA 30039	4	ONAN	125	460	3
Oak Hill Spring #39	1916 Ivory Oak Court	Lithonia, GA 30058	3	Cummins	20	230	3
Oak Leaf Glenn #59	2475 Oak Leaf Circle,	Lithonia, GA	3	ONAN	42	230	3
Pennybrook #12	607 Catrina Ct.	St. Mountain, GA 30519	4	Kohler	100	460	3
Pepperwood #14	780 Pepperwood Trail	St. Mountain, GA	3	Cummins	NA	230	3
Perimeter Park #30	4188 Deacon Lane	Chamblee	2	Diesel Pump	NA	230	3
River Vista #41	4589 River Vista Rd.	Ellenwood 30294	1	Cummins	60	230	3
River Vista 4 #62	4722 River Front way	Ellenwood 30294	4	ONAN	35	230	3
Rogers Lake #11	1750 Rogers Lake Rd	Lithonia, GA	3	Cummins	20	460	3
Royal Atlanta 1 #24	4949 S. Royal Atlanta Dr.	Tucker, GA	2	Diesel Pump	NA	480	3
Royal Atlanta 2 #25	4995 South Royal Atlanta Dr	Tucker, GA	2	Cummins	20	240S	3
Royal Atlanta 3 #23	5243 Royal Woods Pkwy	Tucker, GA	5	Cummins	60	480	3
Salem Rd. #36	3748 Salem Springs Court	Lithonia, GA 30038	3	Cummins	35	240	3
Scarborough Sq #5	5810 Covinton Hwy	Lithonia, GA	1	Cummins	35	240	3
Serenity Village #57	3649 Serenity Lane	Lithonia, GA 30038	3	ONAN	20	230	3
South River Bend 1 #53	4674 Brandi Bay,	Lithonia, GA 30038	1	ONAN	100	480	3
South River Bend 2 #31	4834 Carly Way	Lithonia, GA 30038	1	ONAN	85	240	3
Stone Mill 1 #18	1313 Stone Mill Way	St. Mountain, GA	4	Kohler	80	460	3

Stone Mill 2 #17 St. Mountain	1391 Juliett Rd (access from Stone Mill Way)	4	Kohler	150	460	3
Stone Mill 3 #19	600 Tree Mountain St. Mountain, GA 30083	2	Cummins	35	208	3
Stone Mountain Park #16 St. Mountain, GA 30083	6826 James B Rivers Memorial Dr,	5	Cummins	150	460	3
Stoney Creek #65	3762 River Rock Lithonia, GA	4	ONAN	275	460	3
Strafield #50	3280 Stratfield Drive Atlanta, GA 30329	3	Cummins	25	230	3
Summit Glenn #52 30329	1777 Northeast Expressway Atlanta, GA	2	Cummins	35	230	3
Sweetwater #2	4096 Sweetwater Falls Ellenwood, GA 30294	1	ONAN	35	240	3
Thurgood Estates #60	4453 Equity Court Ellenwood, GA	1	Cummins	35	230	3
Tucker Library #68	5234 Lavista Rd. Tucker, GA 30084	4	NA	NA	460	3
Turnbury Gates #64	2403 Johnsons Ferry Rd. Chamblee, GA	4	Cummins	60	480	3
Ward Lake #1	4218 Ward Lake Trail Ellenwood, GA 30294	1	ONAN	20	240	3
Windy Ridge Trail #58 30058	6213 Windy Ridge Way Lithonia, GA	3	ONAN	35	230	3
Spring Valley #72 30084	3281 Tucker Norcross Rd Tucker, GA	4	Cummins	85	460	3
Flat Rock Hills #71	5496 Waits Point, Lithonia, GA 30038	4	Cummins	85	460	3