

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NUMBER P00006		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER (If applicable)
6. ISSUED BY Defense Logistics Agency (Lorton) DLA Energy-FEE (Utility Services Division) 8725 JOHN J. KINGMAN ROAD, STP 10400 FT. BELVOIR, VA 22060-6222 BUYER/SYMBOL: Francesca Turzi/DLA Energy-FEEBB EMAIL: francesca.turzi@dla.mil/Phone (571) 767- 0753 P.P.8.2	CODE SP0600	7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) HARDIN COUNTY WATER DISTRICT 1 1400 ROGERSVILLE RD RADCLIFF KY 40160-9343 UEI: LE2BL71N8LQ3 CAGE CODE: 316V9		<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NUMBER <input type="checkbox"/> 9B. DATED (SEE ITEM 11) <input checked="" type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NUMBER SP0600-23-C-8354 <input checked="" type="checkbox"/> 10B. DATED (SEE ITEM 13) May 31, 2023		
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G, Accounting and Appropriation Data

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.

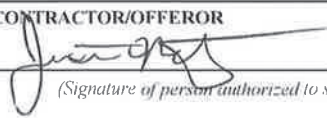
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.241-7 Change in Rates or Terms and Conditions of Service for Regulated Services
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

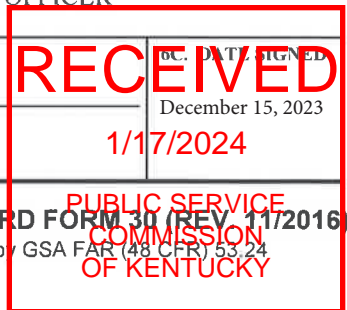
E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**Fort Knox, KY Utility Privatization Contract
Wastewater/Stormwater System
See Additional Pages for Further Details.**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) JUSTIN METZ INTERIM GENERAL MANAGER		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CARL SILVERSTONE CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 12/15/23	16B. UNITED STATES OF AMERICA SILVERSTONE.CARL.137702304 4 Digitally signed by SILVERSTONE.CARL.137702304 Date: 2023.12.15 13:48:38 -0500 (Signature of Contracting Officer)	16C. DATE SIGNED December 15, 2023 1/17/2024



Previous edition unusable

A. The purpose of this modification is as follows:

This modification incorporates the requirement for Hardin County Water District 1 to submit a Monthly System Performance Report (MSPR). Therefore, this modification:

1. Revise Attachment J32 U.S. Fort Knox Wastewater and Storm Water Systems by deleting paragraph 2, *Monthly Interruption Report*, from Section J32.6, *Monthly Submittals*, in its entirety and replacing it with paragraph 2, *Monthly System Performance Reports (MSPR)*;
2. Incorporates Attachments JA21, *UP System Performance Metrics*, Attachment JA25, *MSPR Form – Wastewater*; and
3. Requires Hardin County Water District 1, to submit the MSPR beginning January 25, 2023, for December data or the next reporting date following the full execution of this modification. All subsequent reports shall be submitted on the 25th of each month for the duration of contract performance.

B. MODIFICATION TO CONTRACT SECTION J – LIST OF ATTACHMENTS

1. Attachment J32 U.S. Fort Knox Wastewater and Storm Water Systems, Section J32.6, Monthly Submittals, revised as follows:

FROM:

In addition to the submittal requirements from Clause H.5, the Contractor shall provide the Government monthly submittals for:

2. Monthly interruption report for the previous month. The Contractor's monthly interruption report shall be prepared in the format presented in attachment 1.

TO:

2. Monthly System Performance Reports (MSPRs). The System Owner (SO) shall submit the MSPR by the 25th of each month after the reporting month. The SO shall submit the MSPR to the Contracting Officer's Representative (COR), with a copy furnished to the contracting officer. The SO shall use the MSPR Form at Contract Attachment JA25 for this submittal.

2. Section J – List of Attachments, Exhibits, and References, is hereby revised (in **bold**) to add Attachments JA21 and JA25. These documents are attached to this modification.



Section J – List of Attachments

Table J.1-1
Utility Specific Attachments

Attachments	Title
JA21	UP System Performance Metrics
JA22	Reserved
JA23	Reserved
JA24	Reserved
JA25	MSPR Form – Wastewater
J32	Wastewater and Storm Water System
J41	Wage Determinations
J42	Example Easement
J43	Example Bill-of-Sale
J45	Legislative Authority

- C. The total obligation value remains the same at \$73,657,087.05.
- D. The total estimated contract value remains the same at \$76,512,547.78.
- E. All other Terms and Conditions of this contract remain unchanged and in full force and effect.

END OF MODIFICATION



UP SYSTEM PERFORMANCE METRICS

The following metrics are indicators of changes in utility system performance as a result of privatization: Each Installation with a privatized system(s) shall collect system performance metric data at the frequency specified within each metric description. Metric data shall be compiled and sent to the appropriate landholding command on an annual basis for subsequent summary reporting to HQDA.

	Metric	Frequency	E	NG	W	WW
1	Emergency Service Requests	Monthly	X	X	X	X
2	Unplanned Outages	Monthly	X	X	X	X
3	Non Weather-Related Unplanned Outages	Monthly	X	X	X	X
4	% of Available Man Hours Spent on Emergency Service Requests	Monthly	X	X	X	X
5	SAIDI, SAIFI, and CAIDI Indices	Annually	X			
6	Commodity Consumption	Monthly	X	X	X	
7	Wastewater Production	Monthly				X
8	Water Quality	Monthly			X	
9	Wastewater Quality	Monthly				X
10	Regulatory Inspections	Monthly		X	X	
11	Sanitary Sewer Overflows	Monthly				X

1. Metric: Number of emergency service requests received each month.
Applicable Systems: Electric, Gas, Water, and Wastewater.

The System Owner (SO) is required to record the number of emergency service requests received each month. The SO is required to maintain a record of all service calls for a minimum of two years, making this information readily available to the Government upon request.

2. Metric: Number of unplanned outages (regardless of duration) that occur each month. Note: This number shall not include outages that are related to construction of new facilities regardless of whether they are planned or unplanned.

Applicable Systems: Electric, Gas, Water, and Wastewater.

The SO is required to record the number of unplanned outages each month. This information is contained in the Monthly Outage Report and shall be readily available through the COR.

3. Metric: Number of non-weather-related, unplanned outages (regardless of duration) that occur each month of each year.

Applicable Systems: Electric, Gas, Water, and Wastewater.



Record the number of non-weather related unplanned outages each month. This information is contained in the Monthly Outage Report and shall be readily available through the Contracting Officer's Representative (COR).

4. Metric: Percent of available man-hours spent on emergency service requests.

Applicable Systems: Electric, Gas, Water, and Wastewater.

Process:

- a. Record the percent of available man-hours spent on emergency service requests.
- b. Divide the total man-hours spent on emergency service requests by the total available man-hours to be spent on emergency service requests.
- c. The man-hours spent on emergency service requests equals the total in-house normal duty man-hours available plus the subcontractor normal duty man-hours spent plus the subcontractor overtime man-hours spent).
- d. Example: if there were 1,280 in-house normal duty man-hours available and 700 in-house normal duty man-hours, 100 in-house overtime man-hours, 90 subcontractor normal duty man-hours, and 80 subcontractor overtime man-hours were spent on emergency service requests; the calculation would be $(700 + 100 + 90 + 80) / (1,280 + 90 + 80) = 67\%$.

Note 1: The in-house and subcontractor man-hours measured are the man-hours of the field workers (superintendents and below). Support staff man-hours are not measured.

Note 2: The SO will provide this information in accordance with the UP contract's requirement to maintain data and to provide it to the Government. If requested, the SO may opt to provide it as an indicator of improved system performance.

5. Metric: SAIDI, SAIFI, and CAIDI indices.

Applicable Systems: Electric.

SAIDI – System Average Interruption Duration Index is an annual measurement of the average outage duration for each customer. It is calculated by dividing the total number of sustained customer interruption minutes by the total number of customers.

SAIFI – System Average Interruption Frequency Index is an annual measurement of the average number of outages each customer will experience. It is calculated by dividing the total number of sustained customer interruptions by the total number of customers.

CAIDI – Customer Average Interruption Duration Index is the average restoration rate for an outage. It is calculated by dividing the total number of sustained customer interruption minutes by the total number of customer interruptions.



SAIDI, SAIFI, and CAIDI are nationally recognized electrical system reliability indices. The SO shall maintain the system to industry standards. Their SAIDI, SAIFI, and CAIDI indices should be equal to or better than the current Institute of Electrical and Electronic Engineers (IEEE) regional standards.

The SO shall provide the SAIDI, CAIDI, and CAIFI indices (along with the current IEEE regional standards for each) for each previous year of the contract, if the information is readily available. The Installation shall request that the SO provide the information on an annual basis. Use information to comparing the gap between the Installation's numbers and the IEEE regional standards over time. This "lessening of the gap" will be a good indicator that the privatized electrical utility system is having its intended effect of improving system performance.

6. Metric: Electric, Gas, and Water consumption.

Applicable Systems: Electric, Gas, Water

LHCs shall require Installations with privatized systems to track energy and water consumption in a measurable manner. Ensure data is reported to the appropriate Army systems, Army Energy and Water Reporting System (AEWRS) and Meter Data Management System (MDMS).

Installations shall provide SOs with consumption records from their Department of Public Works (DPW). In collaboration with the Installation, SOs shall develop a plan for replacement of less efficient components, downsizing transformers, leaky gas components and waterlines, over time. Compare past and current year consumptions data. Communicate with the appropriate Installation DPW personnel to determine if non-utility privatization activities are cause for the consumption change discovered.

As ISDCs are completed and Repair and Replacement (R&R) is performed per contract requirements, energy and water consumption should decrease.

7. Metric: Wastewater production.

Applicable Systems: Wastewater.

Obtain wastewater generated records from the SO (the metered influent and effluent). Compare with prior year data. Communicate with the appropriate Installation Department of Public Works personnel to determine if non-utility privatization activities are cause for the change.

8. Metric: Water quality. Percent of analyzed samples that are in compliance with environmental requirements.

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Applicable Systems: Water

Require the SO to provide the Installation Environmental Office, CO, and/or COR with a copy of all drinking water sample analysis reports required to be performed by the state or local authority. Obtain these reports from the COR and calculate the number of samples submitted and the number of samples submitted that are not in compliance with environmental requirements.

What to Expect: If the Base had water quality problems before privatization, you should see a definite reduction in the number of non-compliant samples. This reduction should occur rapidly (within the first year or two of the contract).

9. Metric: Wastewater quality. Percent of analyzed samples that are in compliance with environmental regulations.

Applicable Systems: Wastewater.

Installation shall verify that the SO maintains the system to the industry standards. This is demonstrated by reductions in the number of samples that are not in compliance with the environmental regulations.

The Utility Services contracts mandates the SO to provide the Contracting Officer effluent analysis reports for review by the state or local authority. Calculate the number of samples submitted that are not in compliance with environmental regulations.

There should be a reduction in the number of non-compliant samples within the first year or two of the contract, if there were effluent quality violations prior to the privatization,

10. Metric: Regulatory Inspections. Number of regulatory inspections that resulted in deficiencies

Applicable Systems: Natural Gas, Water

Require the SO to provide the results of regulatory inspections and the total number of deficiencies. The SO is required to include the details of the deficiency, actions taken by the regulatory body, and the corrective actions the SO has or will take to address the deficiency.

11. Metric: Sanitary Sewer Overflows (SSOs). Number of SSOs and volume of wastewater overflowed.

Applicable Systems: Wastewater



Require the SO to provide the number of reportable SSOs that occurred during the reporting period and the total overflow volume that resulted.

Attached MSPR Templates:

Electric

Natural Gas

Water

Wastewater

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[SYSTEM OWNER]
[INSTALLATION] WASTEWATER SYSTEM
[MO/YEAR] MONTHLY SYSTEM PERFORMANCE REPORT

Wastewater Production (Monthly)

Wastewater Production

INSTRUCTIONS (only applicable to System Owners who own and operate treatment facility):
Report metered wastewater influent and effluent for the month

	Quantity (Kgals)	Comments
Wastewater Metered Influent		
Wastewater Metered Effluent		

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[SYSTEM OWNER]
[INSTALLATION] WASTEWATER SYSTEM
[MO/YEAR] MONTHLY SYSTEM PERFORMANCE REPORT

Wastewater Quality (Monthly)

Wastewater Quality

INSTRUCTIONS (only applicable to System Owners who own and operate treatment facility):

- 1) Report wastewater quality on a monthly or annual basis, whichever is applicable, according to state and local regulatory standards
- 2) Report wastewater quality test results for each required test and the applicable regulatory standard
- 3) Provide copies of all sample test reports to installation COR

Are all samples in compliance? Yes/No
If "No," provide details below

Quality Indicator	Result	Standard	Plan for Remedy/Mitigation



