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APPENDIX A

USAID UKRAINE ENVIRONMENTAL REVIEW
CHECKLIST (ERC) AND EMMP FOR NATIONAL
HEALTH SERVICE OF UKRAINE



**US Agency for International Development (USAID)
Ukraine
Environmental Review Checklist (ERC) and
Environmental Mitigation and Monitoring Plan (EMMP)**

1. Activity and Site Information

Project Name: (as stated in the IEE):	Health Reform Support (HRS)
Mission/Country:	Ukraine
DCN of Original IEE:	2017-UKR-020
DCNs of IEE Amendments	2018-UKR-006 2019-UKR-022 2021-UKR-004 2017-UKR-020-001 2017-UKR-020-002 (Amendment 5 DCN To be assigned by BEU)
Activity/Site/Grantee Name:	Permanent Electrical Power Generator for NHSU
Activity Authorization from IEE:	Objective 4: Enhancing transparency, accountability, and responsiveness of the health care system. Sub Activity: Procurement of technical equipment to provide uninterrupted power supply to the national health system in case of unexpected power cut-offs.
Type of Activity:	Generator Purchases and Generator Installations
Implementing Partner:	Deloitte Consulting LLP
Name and Organization of Preparer:	Clay Madden, Deloitte Consulting LLP
Date Prepared:	

The ERC/EMMP is intended for use by implementing partners to:

- assess activity-specific baseline conditions, including applicable environmental requirements;
- identify potential adverse environmental effects associated with planned activities; and
- develop EMMPs that can effectively avoid or adequately minimize the identified effects.

The IEE requirement to prepare an ERC/EMMP may be fulfilled by substituting a Simplified Environmental Review Form (SERF) for the ERC/EMMP, provided that the proposed activity meets all of the Restrictive Conditions in the SERF.

If implementing partners are in doubt about whether a planned activity requires preparation of an ERC, they should contact their Contracting Officer's Representative (COR)/Agreement Officer's Representative (AOR) for clarification. In turn, the COR/AOR should contact their Mission Environmental Officer (MEO) if they have any questions. In special circumstances and with approval of the BEO it is possible to have one very comprehensive ERC/EMMP for multiple sub-activities if they are similar in scope. *(When preparing the ERC/EMMP, please indicate "not applicable" for items that have no bearing on the activity.)* **The ERC/EMMP must be completed and approved prior to the activity beginning.**

2. Activity Description

2.1. Activity purpose

- *USAID HRS will procure technical equipment and related services to provide uninterrupted power supply during unexpected power outages to the national e-health system, housed in the National Health Service of Ukraine (NHSU) in Kyiv.*
- 2.2. Direct Beneficiaries, e.g., size of community, number of school children, etc.
- *The number of employees physically at NHSU on a daily basis are 264*
 - *All Ukrainian citizens are direct beneficiaries of NHSU, with a population of around 44 million.*
- 2.3. Number of existing employees and annual revenue, if this is a business
- *N/A, NHSU is a government entity.*
- 2.4. Implementation timeframe and schedule
- *Generator and installation services to be completed by November 2024.*
- 2.5. Detailed description of activity
- *USAID funds will be used for the Installation of Generators at NHSU.*
- 2.5.1. Steps that will be taken to accomplish the activity, including mobilization, site preparation, site restoration, and demobilization, if applicable;
- *construction of concrete foundations for two diesel generators,*
 - *laying power and control cables,*
 - *installation of two diesel generators with capacities 250 kWA and 160 kWA,*
 - *installation of operation box 380/220 V,*
 - *installation of a new box for automatic activation of the reserve in the switchboard room instead of the existing one,*
 - *construction of the concrete foundation for the installation of fuel tank,*
 - *installation of fuel tank with a volume of V=5 m3 and pump,*
 - *installation of canopy and fencing over the location for diesel generators,*
 - *installation of the site lighting system,*
 - *installation of a video surveillance system.*
- 2.5.2. Items that will be purchased (This section should fully describe any items, materials, or supplies that will be purchased.)

Item Description	Quantity
Materials and equipment	1
Executions of Works/Installation Services	1
Diesel Generator 275 kVA*	1

- 2.5.3. What entity will be responsible for the maintenance or sustainability of the activity after completion or handover?
- *NHSU will identify a vendor to service the generator and supply diesel fuel. HRS will work with NHSU during installation to identify a vendor to provide maintenance and fuel for the generator.*
- 2.6. Location of activity, e.g. name of village or town, street address, province
- *Stepan Banderi Avenue, 19, Kyiv, Ukraine.*
- 2.7. Detailed description of site
- 2.7.1. Existing setting, e.g., urban, village, agricultural, or undisturbed land

- *Urban*

2.7.2. Size of the facility or hectares of land

- *30m x 30m*

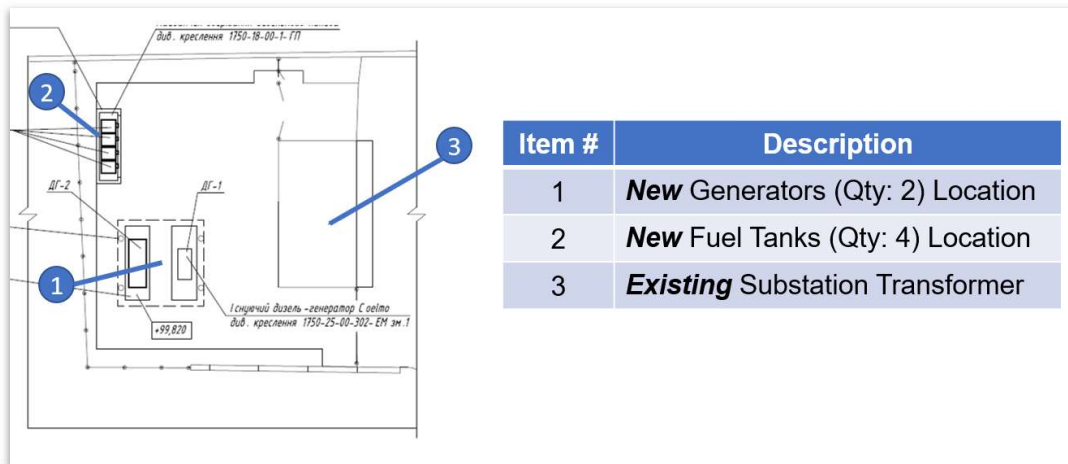
Site map, e.g., provide an image from Google Earth (or similar) of the project site (include latitude and longitude coordinates).

2.8. Photos of site, items to be purchased, engineering construction plans (*when available*)



Latitude & Longitude: 50°29'25.3"N 30°29'26.8"E





3. Activity-Specific Baseline Environmental Conditions

3.1. Population characteristics

- *Kyiv's total population is around 3 million.*

3.2. Geography

- *Kyiv is located on both sides of the Dnieper River, which flows southward through the city. The western part of Kyiv has many hills.*

3.3. Climate

- *In Kyiv, the summers are comfortable and partly cloudy, and the winters are long, freezing, snowy, windy, and mostly cloudy. Over the course of the year, the temperature typically varies from -6.6 °C to 25.5°C and is rarely below -17°C or above 31°C.*

3.4. Natural resources, e.g., nearby forest/protected areas, ground and surface water resources

- *Kyiv is an urban city surrounded by the Dnieper River.*
- *NHSU is 4 miles from the Dnieper River and 2.5 miles from the Yordans'ke (Opechen') Lake, the Kyriliv's'ke Lake, and the Andreevskoye Lake. All these bodies of water could be affected if there was a diesel spill.*
- *NHSU has the following nearby parks or outside environments where people may congregate:*
 - *Kurenivskyi Park, which is about 0.3 miles away from NHSU*
 - *Kyrylivskyi Hai, which is about 1.25 miles away from NHSU*
 - *Syretskyi Park, which is about 2.5 miles away from NHSU*

3.5. Current land use and owner of land

- *Land on which NHSU is located is fully owned by the government of Ukraine*

3.6. Other relevant description of current environmental conditions in proximity to the activity

- *The site is not adjacent to any protected area, national park, nature preserve, or wildlife refuge or other cultural or historic site*

4. Legal, Regulatory, and Permitting Requirements

4.1. Does this activity require an EIA under a national law?

- *Yes, an Environmental Impact Assessment is required . The designer of record for the NHSU generator installation plans, GP Tech, noted that an Environmental Impact*

Assessment is required in accordance with 22 CFR 216. The EIA will be completed prior to construction.

4.2. Applicable National or local permits for this activity, responsible party, and schedule for obtaining them:

Permit Type	Responsible party	Schedule
<i>Zoning</i>	<i>NHSU</i>	<i>TBD</i>
<i>Building/Construction</i>	<i>NHSU</i>	<i>TBD</i>
<i>Source Material Extraction</i>	<i>NHSU</i>	<i>TBD</i>
<i>Waste Disposal</i>	<i>NHSU</i>	<i>TBD</i>
<i>Wastewater</i>	<i>NHSU</i>	<i>TBD</i>
<i>Storm Water Management</i>	<i>NHSU</i>	<i>TBD</i>
<i>Air Quality</i>	<i>NHSU</i>	<i>TBD</i>
<i>Water Use</i>	<i>NHSU</i>	<i>TBD</i>
<i>Wetlands or Water bodies</i>	<i>NHSU</i>	<i>TBD</i>
<i>Threatened or Endangered Species</i>	<i>NHSU</i>	<i>TBD</i>
<i>Other</i>	<i>NHSU</i>	<i>TBD</i>

4.3. Will the activity be required to adhere to formal engineering designs/plans? If yes, attach the designs or plans to this ERC/EMMP.

4.3.1. Have the designs or plans been or will they be developed by a qualified engineer?

- The design plans were completed by Green Powered Technology, an Implementing Partner for USAID. The design plans are attached for reference.*

For Sections 5 through 12, please fill out the blank column with either “Yes,” “No” or “Maybe. Provide a discussion for any of the listed issues that are “Yes” or “Maybe” answers and likely to have a bearing on this activity. Please see the example below:

1.1 Sample question: Does the activity have an environmental impact? <i>[Hitting a return at the end of the question above will automatically format the user input]. Describe the environmental impact here.</i>	Yes
1.1.1 Sample question: Does the activity generate toxic waste? <i>[No response needed if the answer if “No”].</i>	No

5. Land use changes and land impacts

5.1. Will the activity change the land use, e.g., undeveloped, agricultural, residential, commercial, or industrial?	No
5.2. Will the activity require temporary or permanent property land taking?	No
5.3. Will the activity involve site preparation, e.g., clearing and grubbing, grading? <i>Yes, the activity will involve sit preparation because a platform will need to be built to hold the generator</i>	Yes
5.4. Will the activity involve onsite excavation or trenching?	No
5.5. Will the activity involve the use of borrow pits or quarries? If so, describe the siting, operation, and closure plans.	No
5.6. Will the activity interfere with or connect to existing aboveground or below-ground utilities, e.g., electricity, communications, water, sewer, or natural gas?	Yes

<i>Yes, the activity will connect to existing ground utilities because the generator will be connected to the electrical grid of NHSU.</i>	
5.7. Will the activity involve installation of new aboveground or below-ground utilities, e.g., electricity, communications, water, sewer, or natural gas? <i>New electricity wires will be installed in underground pipes connecting the external generator to NHSUs power. The installation will adhere to the completed and reviewed design. A copy of the design will be provided to the Ukrainian grid operator.</i>	Yes
5.8. Will the activity result in mineral extraction, e.g., aggregate, stone, or coal?	No
5.9. Will the activity result in hydrocarbon extraction, e.g., oil, or natural gas?	No
5.10. Are there known geological hazards, e.g., faults, landslides, or unstable soils which could affect the activity? If yes, how will the project ensure structural integrity?	No

6. Impacts to forestry, biodiversity, protected areas, and endangered species

6.1. Is the site located adjacent to or near a protected area, national park, nature preserve, or wildlife refuge?	No
6.2. Is the site located in or near threatened or endangered (T&E) species habitat?	No
6.2.1. If yes, describe the plan for identifying T&E species during activity implementation. (Non-yes/no question)	
6.2.2. If yes, describe the formal process for halting work, avoiding impacts, and notifying authorities if T&E species are identified during implementation.	
6.3. Is the site located in a migratory bird flight or other animal migratory pathway?	No
6.4. Will the activity involve harvesting of non-timber forest products, e.g., mushrooms, medicinal and aromatic plants (MAPs), herbs, or woody debris?	No
6.5. Will the activity involve tree removal or logging?	No
6.6. Will activities result in increased outdoor noise on a continuous or frequent basis at sound levels that disturb wildlife?	No
6.7. Will activities result in light pollution, which could adversely affect the natural environment?	No

7. Water and water quality impacts

7.1. List any National, European Union, or other international water discharge regulations or standards applicable to this activity. (Non-yes/no question) • <i>No water regulations that are applicable to this activity</i>	
7.2. How far is the site located from the nearest river, stream, or lake? (Non-yes/no question) • <i>The site is located about 2.2 kilometers from the Dnieper River.</i>	
7.3. Is the site located in a floodplain?	No
7.4. Will the activity increase the risk of flooding at the site or on other property?	No
7.5. Will the activity disturb wetland, lacustrine, or riparian areas?	No
7.6. Will the site require excavation within, placing of fill in, or substrate removal (e.g., gravel) from a river, stream, or lake?	No

7.7.	What is the depth to groundwater at the site? (Non-yes/no question) <ul style="list-style-type: none"> <i>The depth of onsite ground water is 4M or 4000 mm.</i> 	
7.8.	Will the activity cause interference with the current drainage systems or conditions?	No
7.9.	Will the activity result in new or increased ground or surface water extraction? If yes, describe the expected volumes and the permit requirements.	No
7.10.	Will the activity discharge domestic or industrial sewage to surface water, groundwater, or a publicly owned treatment facility?	No
7.11.	Will the activity change storm water runoff volume, intensity, or locations? If so, describe how the designs/plans effectively and comprehensively address the management of storm water runoff and its effects.	No
7.12.	Is there potential for discharge of potentially contaminated (including suspended solids) runoff?	No
7.13.	Will the activity result in the runoff of pesticides, fertilizers, or toxic chemicals into surface water or groundwater?	No
7.14.	Will the activity involve the use or onsite storage of liquid fuels? If yes, describe the fuel type(s), quantities, storage conditions, and spill control procedures. <ul style="list-style-type: none"> <i>Yes, the activity will involve the onsite storage of liquid fuels as the generator will consume diesel fuel that is stored at NHSU. The concrete platform that is installed for the generator will also help mitigate spills because the fuel will not contaminate the soil.</i> 	Yes
7.15.	Will the activity result in discharge of effluent containing livestock wastes such as manure or blood?	No

8. Atmospheric and air quality impacts

8.1.	List any National, European Union, or other international air emission regulations or standards applicable to this activity. <ul style="list-style-type: none"> <i>NHSU will ensure all required permits for the generators are acquired in accordance with all National, European Union, and other international air emission regulations.</i> <i>The National regulations and standards applicable to this activity as summarized as follows:</i> <ul style="list-style-type: none"> <i>Order of the Ministry of Environmental Protection of Ukraine dated 17.09.2010 No. 407</i> <i>Order of the Ministry of Environmental Protection of Ukraine No. 309 dated 27.06.2006 DBN A.2.2-1-2021 "Composition and content of environmental impact assessment materials (EIA) in the design and construction of enterprises, buildings and structures".</i> 	Yes
8.2.	Will the activity result in increased emission of air pollutants from a vent or as fugitive releases, e.g., soot, sulfur dioxide, oxides of nitrogen, volatile organic compounds, or methane? <ul style="list-style-type: none"> <i>Yes, the activity will result in increased emission of air pollutants because the diesel generators produce carbon dioxide (CO₂), nitrogen oxide (NO_x), and particulate matter.</i> 	Yes

8.3.	Will the activity involve burning of fossil fuels? <ul style="list-style-type: none"> <i>Yes, the activity will involve the burning of diesel fuel.</i> 	Yes
8.4.	Will the activity involve burning of wood or biomass?	No
8.5.	Will the activity install, operate, maintain, or decommission systems containing ozone depleting substances, e.g., freon or other refrigerants?	No
8.6.	Will the activity generate an increase in carbon emissions? <ul style="list-style-type: none"> <i>Yes, the activity will generate an increase in carbon emissions as the generator will produce carbon dioxide.</i> 	Yes
8.7.	Will the activity increase odor on a continuous or frequent basis? <ul style="list-style-type: none"> <i>Yes, the activity will increase odor on a continuous basis as the generator produces pollution from diesel exhaust.</i> 	Yes
8.8.	Will the activity generate dust on a continuous or frequent basis? <ul style="list-style-type: none"> <i>No, the generator will not generate dust on a continuous basis.</i> 	No
8.9.	Will the activity increase the risk of fire, explosion, or hazardous airborne chemical releases? <ul style="list-style-type: none"> <i>Yes, the activity will increase the risk of fire or explosion as the generator consumes flammable fuel.</i> 	Yes

9. Energy efficiency, pollution prevention, and cleaner production

9.1.	Does the activity use renewable energy sources? If yes, describe the energy sources.	No
9.2.	Does the activity require use of energy efficiency equipment? If yes, describe the energy efficiency requirement.	No
9.3.	Does the activity promote pollution prevention and cleaner production measures? If yes, describe the measures.	No
9.4.	Does the activity promote maximum reliance on green building or green land-use approaches? If yes, describe the approaches.	No

10. Waste management

10.1.	List any National, European Union, or other international solid waste disposal or storage regulations or standards applicable to this activity. (Non-yes/no question) <ul style="list-style-type: none"> <i>Decree of the Cabinet of Ministers of Ukraine of November 8, 2017 No. 820-r "On the approval of the National strategy for waste management in Ukraine until 2030";</i> <i>Order of the CMU "On approval of the National Waste Management Plan until 2030" dated February 20, 2019.</i> 	Yes
10.2.	List any National, European Union, or other international hazardous waste disposal or storage regulations or standards applicable to this activity. (Non-yes/no question) <ul style="list-style-type: none"> <i>Decree of the Cabinet of Ministers of Ukraine of November 8, 2017 No. 820-r "On the approval of the National strategy for waste management in Ukraine until 2030";</i> <i>Order of the CMU "On approval of the National Waste Management Plan until 2030" dated February 20, 2019.</i> 	Yes

<p>10.3. Describe the local capabilities and facilities for solid, hazardous, and recyclable wastes. (Non-yes/no question)</p> <ul style="list-style-type: none"> • <i>The total annual volume of household waste generated in Kyiv is about 1.2 million tons. 400-450 thousand cubic meters of household waste (mixed solid household, separately collected, large-sized waste) is removed monthly from the residential buildings of the city of Kyiv, i.e. the daily volume of waste removal from the residential buildings of the city is about 15.5 thousand cubic meters, or 3,0 thousand tons. The volumes of removed household waste are controlled by the employees of the KP "Kyivcomunservice"</i> • <i>The local capabilities and facilities related to solid waste are as follows:</i> <ul style="list-style-type: none"> ○ <i>Waste is taken to disposal and disposal sites, namely: solid waste landfill No. 5 of Kyivspetstrans PrJSC (Pidgirtsy village, Obukhiv district, Kyiv region); large-sized and construction waste landfill No. 6 of PJSC "Kyivspecstrans" (94-96 Pyrogivskyi Shlach St.), "Energia" incinerator plant of PJSC "Kyivenergo" (44 Kolektorna St., Kyiv); landfills of the Kyiv region (Boryspil, Borodyansky, Brovarsky, Vasylkivsky districts).</i> • <i>The local capabilities and facilities related to hazardous waste are as follows:</i> <ul style="list-style-type: none"> ○ <i>in 2017, 150 containers were purchased for the collection of hazardous waste as part of the household</i> • <i>The local capabilities and facilities related to recyclable waste are as follows:</i> <ul style="list-style-type: none"> ○ <i>Up 10 private enterprises provide relevant services in Kyiv for plastic and glass waste</i> 	
<p>10.4. Will the activity generate nonhazardous solid wastes such as construction debris, packaging material, or nontoxic byproducts? If yes, describe expected types and quantities of solid waste and the plans for reuse, recycling, and disposal.</p>	No
<p>10.5. Will the activity involve the generation and disposal of hazardous waste, such as solvents, acids, caustics, toxics, or other chemicals? If yes, describe the plans for disposal of these hazardous chemicals.</p> <ul style="list-style-type: none"> ○ <i>No, the installation and operation of the diesel generator will not generate hazardous waste.</i> 	No
<p>10.6. Will the activity involve lead paint or lead-painted building components? If yes, describe the plans for disposal of lead paint containers or lead-painted debris.</p>	No
<p>10.7. Will the activity involve the installation, use, or removal of asbestos-containing materials or building materials that may contain asbestos? If yes, describe the plans for disposal of waste asbestos containing materials.</p>	No
<p>10.8. Will the activity involve disposal or retrofitting of equipment containing polychlorinated biphenyls (PCB), e.g., electrical transformers or fluorescent light ballasts? If yes, describe the plans for disposal of PCB materials.</p>	No
<p>10.9. Will the activity generate any other solid or hazardous wastes requiring specific recycling or waste management plans, such as batteries, fluorescent tubes, aerosol cans, or electronic wastes? If yes, describe the plans for disposal of these materials.</p>	No

11. Pesticide Health and Safety Impacts

11.1. Will the activity involve use or onsite storage of pesticides? Pesticide use includes but is not limited to procurement, transportation, storage, mixing, loading, or application.	No
11.1.1. If yes, identify the applicable PERSUAP, including DCN and expiration date.	
11.1.2. If yes, describe the types and quantities of pesticides.	
11.1.3. If yes, describe the pesticide storage conditions.	
11.1.4. If yes, describe the worker training requirements.	
11.1.5. If yes, describe the personal protective equipment (PPE) to be worn workers.	
11.1.6. If yes, describe public safety precautions.	
11.2. Will chemicals be used or stored at the site? If yes, describe the chemicals, quantities, and storage conditions.	No
11.3. Will the activity potentially disturb soil contaminated with toxic or hazardous materials?	No

12. Further Analysis of Recommended Actions (Most activities will have a threshold determinations of negative determination with conditions.)

- 12.1. **Categorical Exclusion:** The activity is not likely to have an effect on the natural or physical environment. No further environmental review is required.* (This is rarely used in the ERC/EMMP.)
- 12.2. **Negative Determination with Conditions:** The activity does not have potentially significant adverse environmental, health, or safety effects, but may contribute to minor impacts that can be eliminated or adequately minimized by appropriate mitigation measures. ERC/EMMPs shall be developed, approved by the Mission Environmental Officer (MEO) and the BEO **prior to beginning the activity**, incorporated into workplans, and then implemented. For activities related to the procurement, use, or training related to pesticides, a PERSUAP will be prepared for BEO approval, PERSUAPS are considered amendments to the IEE and usually Negative Determination with Conditions. See Sections H and I below.*
- 12.3. **Positive Determination:** The activity has potentially significant adverse environmental effects and requires further analysis of alternatives, solicitation of stakeholder input, and incorporation of environmental considerations into activity design. A Scoping Statement (SS) must be prepared and be submitted to the BEO for approval. Following BEO approval of the SS an Environmental Assessment (EA) will be conducted. The activity may not be implemented until the BEO clears the final EA. If the Parent IEE does not have Positive Determination as one of the threshold determinations, the IEE needs to be amended.
- 12.4. **Activity Cancellation:** The activity poses significant and unmitigable adverse environmental effects. Adequate ERC/EMMPs cannot be developed to eliminate these effects and alternatives are not feasible. The project is not recommended for funding.

***Note regarding applicability related to Pesticides (216.2(e):** The exemptions of §216.2(b)(I) and the categorical exclusions of §216.2(c)(2) **such as technical assistance, education, and training** are not applicable to assistance for the procurement or use of pesticides. Pesticide use is broadly defined at USAID and includes assistance with any of the following:

- Procurement, transportation, storage, mixing, loading, and application
- Management
- Fuel needed to transport pesticides
- Technical assistance in pesticide application
- Special payments, donations, free samples, and other forms of subsidies

- Credit provisions to beneficiaries

13. EMMPs and ROCs

- 13.1. Activity-specific environmental mitigation and monitoring plan (EMMP): Using the table provided below, list the processes that comprise the activity, then for each process, identify impacts requiring further consideration. For each impact, describe the mitigation and monitoring measures that will be implemented to avoid or to adequately minimize the impacts. All questions in Sections 5 through 12 with Yes or Maybe answers should be addressed. Upon request, the MEO may be able to provide your project with example EMMPs that are specific to your activity.
- 13.2. Annually (or more frequently if required by the Activity Manager/AOR /COR) and at the closeout of the activity, the IP shall prepare a Record of Compliance (ROC) to be submitted to the Activity Manager/AOR/COR. The ROC shall document how the mitigation and monitoring requirements were met. As appropriate, attachments such as site photos, permits, verification of local inspections, product warranties, etc. should be included in the ROC. The ROC shall be posted to the USAID Environmental Compliance Database (ECD).

APPENDIX A

Processes	Identified Environmental Impacts	Mitigation Measures	Monitoring Indicators	Monitoring and Reporting Frequency	Responsible Parties	Records Generated
List each process that has impacts (e.g. remove asbestos roof, install toilets, remove and replace flooring). A row should be included for each process.	A single process may have several potential impacts—provide a separate row for each.	For each impact, describe the mitigation measures that will avoid or adequately minimize the impact. (If mitigation measures are well-specified in the IEE, quote directly from IEE.)	Specify indicators to determine if mitigation is (1) in place and (2) successful. For example, visual inspections for seepage around pit latrine; sedimentation at stream crossings, etc.)	For example: "Monitor weekly, and report in quarterly reports. If XXX occurs, immediately inform USAID COR/AOR."	Separate parties responsible for mitigation from those responsible for reporting, whenever appropriate.	If appropriate, describe types of records generated by the mitigation, monitoring, and reporting process.
Construction of concrete pad and canopy to house generator and fuel tanks	Potential soil erosion during construction of concrete pad Potential contamination of soil or nearby water during concrete construction or installation	Plan vehicle ingress and egress to minimize soil and site disruption Develop temporary and permanent catch-basins to collect runoff or concrete overflow during construction	Recurring site reports will include updates on soil erosion or disruption and contaminant runoff risks.	Monitor weekly, and report in quarterly reports. If significant contamination or erosion occurs, immediately inform USAID COR/AOR.	NHSU is responsible for the monitoring and reporting of all identified environmental impacts noted in this EMMP.	Site condition records will be kept on file by NHSU. These documents will confirm that all mitigation measures were followed in this EMMP.
Installation of new in-ground piping and wires connecting generator to NHSU data center	Potential runoff or soil erosion during trenching for wire install	The trench created for the wires will be no bigger than it needs to be and dug over the shortest possible span, minimizing unnecessary sitework	All monitoring measures will be mitigated through visual inspections and general maintenance conducted by a generator servicer.	Monitor weekly, and report in quarterly reports. If significant erosion or site disruption occurs, immediately inform USAID COR/AOR.	NHSU is responsible for the monitoring and reporting of all identified environmental impacts noted in this EMMP.	Site condition records will be kept on file by NHSU. These documents will confirm that all mitigation measures were followed in this EMMP.
Operation and Maintenance of the diesel generators	The generator will produce carbon emissions because the generator will produce carbon dioxide through the combustion of diesel fuel. The generator will increase odor on a continuous basis as the	The generator will be regularly serviced to ensure the lowest production of carbon dioxide The generator will be regularly serviced to ensure the lowest production of odor	All monitoring measures will be mitigated through visual inspections and general maintenance conducted by a generator servicer.	Generator servicing will occur after 250 hours of operation of generator and any issues will be reported to NHSU.	NHSU is responsible for the monitoring and reporting of all identified environmental impacts noted in this EMMP.	Invoicing and records of repair will be kept on file by NHSU. These documents will confirm that all mitigation measures were followed in this EMMP.

APPENDIX A

Processes	Identified Environmental Impacts	Mitigation Measures	Monitoring Indicators	Monitoring and Reporting Frequency	Responsible Parties	Records Generated
	generator produces pollution from diesel exhaust.					
Operation and Maintenance of the fuel tanks	Onsite storage of liquid fuel could cause spills.	New liquid fuel tanks will be purchased, and the tanks will be monitored for leaks.	All monitoring measures will be mitigated through visual inspections and general maintenance conducted by a generator servicer.	Fuel tank repair needs will be assessed semiannually and during the servicing cadence of the diesel generators taking place every 250 hours of operation. Any issues will be reported to NHSU.	NHSU is responsible for the monitoring and reporting of all identified environmental impacts noted in this EMMP.	Invoicing and records of repair will be kept on file by NHSU. These documents will confirm that all mitigation measures were followed in this EMMP.
All processes	All	As specified above	Annual EMMR	Annually or as required by Activity Manager/AOR/COR	IP	ROC

Certification of No Adverse or Significant Effects on the Environment

I, the undersigned, certify that activity-specific baseline conditions and applicable environmental requirements have been properly assessed; that environmental impacts and pesticide-related health and safety impacts requiring further consideration have been comprehensively identified; and that adverse impacts will be effectively avoided or sufficiently minimized by proper implementation of the EMMP(s). If new impacts requiring further consideration are identified or new mitigation measures are needed, I will be responsible for notifying the USAID COR/AOR, as soon as practicable. Upon completion of activities, I will submit a **Record of Compliance with Activity-Specific EMMPs** using a format approved by the MEO.

/S/ David Elkins

01 February, 2024

Name

Implementer Project Director/COP

Date

Approvals:

Paola Pavlenko

Digitally signed by Paola Pavlenko
Date: 2024.02.01 13:41:58 +02'00'

Name

USAID COR/AOR

Date

**Tatiana
Kistanova**

Digitally signed by
Tatiana Kistanova
Date: 2024.02.16
21:23:49 +02'00'

Name

Mission Environmental Officer

Date

Concurrence:

Not required per DCN: 2020-XXX-0nn

Bureau Environmental Officer
Europe and Eurasia Bureau

Date

Distribution:

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APPENDIX B

USAID UKRAINE IEE AMENDMENT NO. 5



**US Agency for International Development (USAID)
Ukraine
Initial Environmental Examination (IEE) Amendment No. 5**

Program/Project/Activity Data

Activity/Project Name:	Health Reform Support (HRS)	
Assistance Objective:	Governing Justly and Democratically Private Sector Productivity Health	
Program Area:	Anti-Corruption Private Sector Opportunities GH/Tuberculosis	
Country(ies) and/or Operating Unit:	USAID/Ukraine	
Originating Office:	USAID/Ukraine/OH	Date: November 10, 2022
<input type="checkbox"/> Original IEE/RCE	Original IEE LOP Start Date: FY2017	
IEE/RCE History	DCN	LOP End Date
Original IEE/RCE	2017-UKR-020	FY2022
Amendment 1	2018-UKR-006	FY2022
Amendment 2	2019-UKR-022	FY2023
Amendment 3	2021-UKR-004	FY2023
Amendment 4	2017-UKR-020-001	April 26, 2025
Amendment 5 (This Amnd)	2017-UKR-020-002	April 26, 2025
Purpose of Amendment: To add a procurement activity under Objective 4: Enhancing transparency, accountability and responsiveness of the health care system		
Contract/Award Number (if known):	72012118C00001	
Sector Type(s) from the ECD Advanced Search Tab (https://ecd.usaid.gov)		
Major: Health	Minor: Health Systems Strengthening	
Recommended Environmental Determination(s):		
<input checked="" type="checkbox"/> Categorical Exclusion	<input type="checkbox"/> Positive Determination	
<input checked="" type="checkbox"/> Negative Determination <input checked="" type="checkbox"/> With Conditions	<input type="checkbox"/> Deferral	
Additional Elements:		
<input type="checkbox"/> Local Procurement	<input type="checkbox"/> Government to Government	
<input type="checkbox"/> Donor Co-Funded	<input type="checkbox"/> Public International Organization (PIO) environmental and social policies and procedures applicable	
<input type="checkbox"/> Climate Change Vulnerability Analysis (included) Climate Change Vulnerability Rating: Low		

1. Background and Project Description

1.1 The purpose of this IEE Amendment is to add a procurement activity under the Health Reform Support (HRS) Activity Objective 4: Enhancing transparency, accountability, and responsiveness of the health care system.

1.2 The description of this Activity has not changed since the previous original IEE and its previous amendments.

2. Baseline Environmental Information

There has been no change in the Activity baseline environmental information since the original IEE and previous amendments were completed.

There has been no change in the climate change vulnerability analysis since the original IEE and previous amendments were completed.

3. Environmental Impacts and Recommended Mitigation Measures

All component and activity environmental impacts and recommended mitigation measures remain the same since the original IEE and previous amendments were completed, except:

Objective 4 – Enhancing transparency, accountability, and responsiveness of the health care system.

Sub-activities	Potential Impacts	Mitigation Measures	Recommended Threshold Determinations
Procurement of technical equipment to provide uninterrupted power supply to the national health system in case of unexpected power cut-offs.	Potential adverse impacts on the environment and human health and safety, including improper sourcing of equipment, lack of waste management processes and recycling, and improper use of equipment once procured.	<p>The Implementing Partner (IP) will find qualified provider(s) of equipment and services in line with best practices and Ukrainian law.</p> <p>The Contracting Officer's Representative (COR) and Mission Environmental Officer (MEO) and/or E&E Bureau Environmental Officer (BEO) shall approve a Simplified Environmental Review Form (SERF) prior to the start of procurement activities.</p> <p>New equipment must be installed by qualified professionals and include applicable warranties and training of personnel on proper use and maintenance of equipment.</p>	Negative Determination with Conditions

4. Conclusions of the Environmental Review

4.1 Recommended Environmental Determinations:

Negative Determination:

A negative determination is recommended for the following sub-activities under §216.3(a)(2)(iii). Additional specific terms and conditions are presented below in Section 4.2.

- Sub-activity **Procurement of technical equipment to provide uninterrupted power supply to the national health system in case of unexpected power cut-offs** requires a SERF.

4.2 Negative Determination Terms and Conditions: [

4.2.1 Prior to initiating any activity that has a Negative threshold determination, the IP shall prepare an environmental review document in the ERC/EMMP format provided by the MEO, unless the activity only includes sub-activities that require a SERF, in which case the IP may prepare an environmental review document in the SERF format provided by the MEO. After discussing with the BEO and with approval from the MEO, the IP may prepare a single environmental review document that covers multiple sub-activities that are similar in

nature and potential impact on the environment. The COR/AOR and MEO shall approve the environmental review document prior to implementation. The BEO reserves the right to rescind the approval of an environmental review document due to environmental risks. For each site-specific activity, the environmental review document shall include a *Certification of No Adverse Significant Effects on the Environment* signed by the IP, COR/AOR, and MEO; assigned a Document Control Number (DCN) and posted to the Environmental Compliance Database (ECD).

4.2.2 Preparation of environmental review documents shall be captured in annual work plans, and therefore budgeted for and reviewed for adequacy at least annually.

4.2.3 Changes in activities and their associated environmental reviews shall necessitate amending the IEE.

4.3 USAID Monitoring and Reporting

4.3.1 The AOR/COR, with the support of the MEO, is responsible for monitoring compliance of activities by means of desktop reviews and site visits. This monitoring could be virtual in case of high security risks during continuing Russian aggression and the war).

4.3.2 The AOR/COR is responsible for confirming that the IP includes environmental compliance requirements and monitoring results as part of their routine project reporting to USAID.

4.3.3 The AOR/COR is responsible for monitoring, to the extent practicable, that the IP complies with applicable host country environmental requirements.

4.3.4 If at any time the project is found to be out of compliance with the IEE, the AOR/COR or MEO shall immediately notify the BEO.

4.3.5 A summary report of Mission's compliance relative to this IEE shall be sent to the BEO on an annual basis, normally in connection with preparation of the Mission's annual environmental compliance report required under ADS 203.3.8.5 and 204.3.3.

4.3.6 The BEO or his/her designated representative may conduct site visits or request additional information for compliance monitoring purposes to ensure compliance with this IEE, as necessary.

4.4 Implementing Partner (IP) Environmental Compliance Monitoring and Reporting

4.4.1 The IP is required to comply with applicable host country environmental requirements.

4.4.2 If an individual activity is found to pose significant adverse environmental effects that have not been identified and addressed in the approved environmental review documents, new environmental review documents shall be developed to include environmental safeguards for such effects.

4.4.3 IPs shall report on environmental compliance requirements and monitoring results as part of their routine project reporting to USAID.

4.4.4 After the IP has finalized its activities at a specific site, the IP shall sign a Record of Compliance certifying that the organization met all applicable conditions and submit it to the COR/AOR. The COR/AOR shall keep the original for the project files and provide a copy to the MEO and BEO. The ROC shall be assigned a DCN and posted to the ECD.

5. Mandatory Inclusion of Requirements in Solicitations, Awards, Budgets and Workplans

5.1 Appropriate environmental compliance language, including limitations defined in Section 6, shall be incorporated into solicitations and awards for this activity and projects budgets shall provide for adequate funding and human resources to comply with requirements of this IEE.

5.2 Solicitations shall include Statements of Work with tasks for meeting environmental compliance requirements and appropriate evaluation criteria.

5.3 Environmental mitigation and monitoring requirements, when available, shall also be included in solicitations and awards.

5.4 The IP shall incorporate conditions set forth in this IEE into their annual work plans.

5.5 The IP shall ensure annual work plans do not prescribe activities that are defined as limitations, as defined in Section 6.

5.6 The USAID Mission will include an indicator for environmental compliance as part of the project's performance monitoring plan. (For example, if an IEE has a threshold determination of negative determination, then a possible indicator is if the IP complied with the ERC/EMMP.)

6. Limitations of the IEE: This IEE does not cover activities (and therefore should changes in scope implicate any of the issues/activities listed below, a BEO-approved amendment shall be required), that:

6.1 Normally have a significant effect on the environment under §216.2(d)(1), including:

- Programs of river basin development;
- Irrigation or water management projects, including dams and impoundments;
- Agricultural land leveling;
- Drainage projects;
- Large scale agricultural mechanization;
- New lands development;
- Resettlement projects;
- Penetration road building or road improvement projects;
- Powerplants;
- Industrial plants;
- Potable water and sewerage projects other than those that are small scale.

6.2 Support project preparation, project feasibility studies, engineering design for activities listed in §216.2(d)(1);

6.3 Affect endangered and threatened species or their critical habitats per §216.5, FAA 118, FAA 119;

6.4 Provide support to extractive industries (e.g., mining and quarrying);

6.5 Promote timber harvesting per FAA 117 and 118;

6.6 Lead to new construction, reconstruction, rehabilitation, or renovation work;

6.7 Support agro-processing or industrial enterprises;

6.8 Provide support for regulatory permitting;

6.9 Lead to privatization of industrial facilities or infrastructure with heavily polluted property;

6.10 Research, testing, or use of genetically engineered organisms except in accordance with ADS 211; or

6.11 Assist the procurement (including payment in kind, donations, guarantees of credit) or use (including handling, transport, fuel for transport, storage, mixing, loading, application, clean-up of spray equipment, and disposal) of pesticides or activities involving procurement, transport, use, storage, or disposal of toxic materials per §216.2(e) and §216.3(b). Pesticides (cover all insecticides, fungicides, rodenticides, etc. covered under the Federal Insecticide, Fungicide, and Rodenticide Act); and

7. Revisions

7.1 Under §216.3(a)(9), if new information becomes available that indicates that activities covered by the IEE might be considered major and their effect significant, or if additional activities are proposed that might be considered major and their adverse effect significant, this environmental threshold decision will be reviewed and, if necessary, revised by the Mission with concurrence by the BEO. It is the responsibility of the USAID COR/AOR to keep the MEO and BEO informed of any new information or changes in the activity that might require revision of this IEE.

8. Environmental Threshold Decision Clearances:

Approval:

James Hope Digitally signed by James Hope
Date: 2022.11.18 20:34:30 +02'00'

James Hope, Mission Director

Date

Susan K Kutor Digitally signed by Susan K Kutor
Date: 2022.11.18 16:08:28 +01'00'

Susan Kutor, Deputy Mission Director

Date

Benjamin Schireson Digitally signed by Benjamin Schireson
Date: 2022.11.15 15:02:12 -05'00'

Benjamin Schireson , RLO

Date

Greg Swarin Digitally signed by Greg Swarin
Date: 2022.11.14 17:08:54 -05'00'

Gregory Swarin, Program Office Director

Date

Paola Pavlenko Digitally signed by Paola Pavlenko
Date: 2022.11.13 20:15:21 +02'00'

Paola Pavlenko, COR

Date

Tatiana Kistanova Digitally signed by Tatiana Kistanova
Date: 2022.11.16 18:43:48 +02'00'

Tatiana Kistanova, Mission Environmental Officer

Date

Concurrence:

POOJAN BHASKER TRIPATHI (affiliate) Digitally signed by POOJAN BHASKER TRIPATHI (affiliate)
Date: 2022.11.30 11:17:47 -05'00'

Poojan Tripathi, Bureau Environmental Officer
USAID Europe and Eurasia Bureau

Date

Distribution:

- Activity File
- AOR/COR
- MEO
- BEO
- ECD



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APPENDIX C

USAID UKRAINE SIMPLIFIED IEE AMENDMENT
NO. 6



**US Agency for International Development (USAID)
Ukraine
Simplified IEE Amendment
Amendment No. 6**

Program/Project/Activity Data

Activity/Project Name:		Health Reform Support (HRS)	
Assistance Objective:		Governing Justly and Democratically Private Sector Productivity Health	
Program Area:		Anti-Corruption Private Sector Opportunities GH/Tuberculosis	
Country(ies) and/or Operating Unit:		USAID/Ukraine	
Originating Office:		USAID/Ukraine/OH	Date: 30 November 2022
Original IEE LOP Start Date		FY2017	
New Funding		\$0	
IEE/RCE History	DCN	LOP End Date	Total Funding (\$)
Original IEE	2017-UKR-020	FY2022	-
Amendment 1	2018-UKR-006	FY2022	-
Amendment 2	2019-UKR-022	FY2023	-
Amendment 3	2021-UKR-004	FY2023	-
Amendment 4	2017-UKR-020-001	April 26, 2025	-
Amendment 5	2017-UKR-020-002	April 26, 2025	-
Amendment 6	2017-UKR-020-003	FY2023	-
Contract/Award Number (if known):			
Recommended Environmental Determination(s):			
<input checked="" type="checkbox"/> Categorical Exclusion		<input type="checkbox"/> Positive Determination	
<input checked="" type="checkbox"/> Negative Determination		<input type="checkbox"/> Deferral	
Additional Elements:			
<input checked="" type="checkbox"/> Conditions		<input type="checkbox"/> Government to Government	
<input type="checkbox"/> No Conditions		<input type="checkbox"/> Public International Organization (PIO) environmental and social policies and procedures applicable	
<input type="checkbox"/> Local Procurement		Climate Change Vulnerability Rating: Low	
<input type="checkbox"/> Donor Co-Funded			

1. Purpose of Amendment

1.1 The purpose of this Amendment is to document an exemption from the 22 CFR §216.3 environmental review procedures for certain activities under the Health Reform Support (HRS) Activity.

1.2 This amendment covers “[p]rojects, programs or activities involving . . . [i]nternational disaster assistance” exempted under 22 CFR §216.2(b)(1)(i) as detailed in the attached Memorandum to File.

2. Conditions

2.1 This exemption applies to only those activities under the HRS Activity that must begin urgently in order to avert an immediate threat to lives or public health and safety or to avert imminent significant damage to property or livelihoods. The activities for which this exemption is used will not extend beyond one year. In the unlikely event that they extend longer than one year, standard Reg. 216 documentation (e.g., Request for Categorical Exclusion (RCE) or Initial Environmental Examination (IEE)) would be prepared.

2.2 All other conditions of the original IEE and any subsequent amendments remain in effect.

3. Clearance:

POOJAN BHASKER
TRIPATHI (affiliate)

Digitally signed by POOJAN
BHASKER TRIPATHI (affiliate)
Date: 2023.02.23 08:55:59
-05'00'

Poojan Tripathi, Bureau Environmental Officer
USAID Europe and Eurasia Bureau

Date

Attachment

- Memorandum to File “Documentation of 22 CFR 216.2(b)(1)(i) “international disaster assistance” Exemption for Ukraine and Moldova Missions” dated 24 March 2022, including Annex 1, dated 30 November 2022.

Distribution:

- BEO
- ECD

Annex 1: Covered Programs, Activities, and Projects

Date: March 24, 2022:

Award and Activity	Timeframe of Activity (pivot intervention requiring exemption must be 12 month or less)	Pesticides? (Cannot procure pesticides)	Description Specifying Activities under the Award providing humanitarian assistance (Must begin urgently in order to avert an immediate threat to lives or public health and safety, or to avert imminent significant damage to property or livelihoods)
Ukraine: Democratic Governance East (DG East)	March - November 2022	No	Pivot activity to allow local government entities to deliver essential services in hazardous environments such as power generators, fuel, satellite phones, walkie-talkie sets, water storage tanks, water pumps. This equipment is necessary for the government to perform their functions and to meet critical needs of their constituents.
Ukraine: Ukraine National Identity Through Youth (UNITY)	March - December 2022	No	Pivot activity to setting up temporary emergency shelters within existing structures; conducting small scale infrastructure work and repairs of public spaces and existing structures (including improving accessibility of public spaces) being used in spaces such as emergency shelters and community centers; installation of water tanks; installation of field kitchens; portable waste management; delivery of supplies (food, water, hygiene items, firewood for field kitchen if needed; installation of electrical water boiler; install electric radiators or infrared heaters; and installation of heaters, connection to the existing water supply and electricity networks).

Ukraine: HOVERLA	March - December 2022	No	Pivot activity to ensure delivery of essential services by national, subnational (oblast and rayon level), and local government (community level) entities to local residents and Internally Displaced Persons (IDPs), including water, electricity, heating supply, assisting with hosting IDPs, communication and such by procuring essential items, such as power generators, electric heaters, fuel cards, water tanks, satellite phones, walkie-talkie sets, water storage tanks, water pumps, quadcopters, gas analyzers, motor chainsaws, chemical heaters, batteries, power banks, flasks, microwaves, stationary radiovers, handheld transceivers. The items can be distributed directly to local governments or through rayon and oblast level executive bodies or State Agency for Emergency Situations of Ukraine (SESU).

Ukraine: DOBRE	March - December 2022	No	Pivot activity to ensure delivery of essential services by local government entities to local residents and Internally Displaced Persons (IDPs), including mobile kitchens, washing machines, kettles, power generators, fuel cards, electric generators (gas, diesel, solar, wind), pumps for water pumping, batteries, power banks, small electric stoves, battery-powered flashlights, fire hoses, walkie-talkies.
Ukraine Civil Society Sectoral Support Activity (Ednannia)	March 2022-October 2022	No	Ednannia's pivot activity to assist and/or relocate vulnerable populations, civic activists, human rights activists, etc.P will need to purchase and distribute power generators, fuel cards, and supplies (food, water, hygiene items, firewood for field kitchens if needed). For example, it supports "Light of Hope" social centers to ensure the provision of basic services to vulnerable groups (e.g., homeless persons, women who experienced violence) and internally displaced persons seeking shelter in Poltava because of Russian Federation aggression in Ukraine.

Date: July 6, 2022:

Award and Activity	Timeframe of Activity (pivot intervention requiring exemption must be 12 month or less)	Pesticides? (Cannot procure pesticides)	Description Specifying Activities under the Award providing humanitarian assistance (Must begin urgently in order to avert an immediate threat to lives or public health and safety, or to avert imminent significant damage to property or livelihoods)

Fighting Misinformation About Vaccines	July 2022 to June 2023	No	Pivot within the existing activity will enable the procurement of routine childhood vaccines to respond to urgent supply gaps in-country and avoid the outbreak of vaccine-preventable diseases such as polio. The IP (UNICEF) will work through medical facilities that are fully equipped for the vaccination process, and will follow GOU procedures on the medical waste management.
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Date: September 16, 2022:

Award and Activity	Timeframe of Activity (pivot intervention requiring exemption must be 12 month or less)	Pesticides? (Cannot procure pesticides)	Description Specifying Activities under the Award providing humanitarian assistance (Must begin urgently in order to avert an immediate threat to lives or public health and safety, or to avert imminent significant damage to property or livelihoods)
Energy Security Project (ESP)	September 2022 to August 2023	No.	The power situation has become life threatening since Russia stepped up its attacks on civilian energy infrastructure on October 10. USAID expects that in the best case scenario, Ukraine will face a 1-2 GW daily electricity generation deficit over the coming winter, meaning that load shedding will result in daily power outages of 8-24 hrs, depending on the region of the country. At worst, the grid itself could become fractured and whole cities could find themselves entirely without electricity. This appears to be a more probable scenario, as the entire grid was shut down on November 23 due to attacks at two of Ukraine's four remaining nuclear plants. Attacks to Ukraine's gas transmission grid and

			<p>production systems also started on November 15th, suggesting that that infrastructure, which provides the primary heating fuel in the country, natural gas, is also under threat.</p> <p>ESP will procure equipment to repair Ukraine's damaged electricity grid such as autotransformers, switches, relay protection systems etc. This equipment is essential to restoring the power grid to proper function. In addition, ESP will procure emergency power generation for lifesaving facilities like heating plants, water utilities and hospitals so these facilities can continue to operate in absence of electricity.</p> <p>Russia has also targeted heating plants to cut off heating services to large urban centers. ESP will procure emergency repair equipment for district heating companies including materials such as pipes, excavators, emergency repair vehicles, salt, etc. With this equipment USAID will help ensure heating companies can continue to provide life-saving heating services to the Ukrainian population. If attacks escalate on natural gas transmission and distribution infrastructure increase, we will also purchase equipment to ensure that gas for heating systems can reach the point of delivery or sale.</p> <p>In addition, ESP will procure emergency heating equipment such as temporary shelters, mobile boiler houses, and associated fuels. In this way, USAID can provide services in places where the district heating services have failed.</p> <p>These procurements are covered by the IEE DCN: 2020-UKR-104, under paragraph 3.12 "3.12 Prepare and procure key performance improvement projects (PIPs), which may include but are not necessarily limited to, new meters, information technologies for operation and maintenance of energy sector infrastructure, such as oil and gas</p>
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			<p>transmission pipelines, electricity transmission lines, electricity substations, and oil and gas pump stations. PIPs designed to improve the reliability, efficiency, maintenance and reliability of the energy sector infrastructure.”</p>
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Date: November 30, 2022

Award and Activity	Timeframe of Activity (pivot intervention requiring exemption must be 12 month or less)	Pesticides? (Cannot procure pesticides)	Description Specifying Activities under the Award providing humanitarian assistance (Must begin urgently in order to avert an immediate threat to lives or public health and safety, or to avert imminent significant damage to property or livelihoods)
Ukraine: Democratic Governance East (DG East) (updated to extend timeframe of exemption)	March 24, 2022 - March 23, 2023	No	Pivot activity to allow local government entities to deliver essential services in hazardous environments such as power generators, fuel, satellite phones, walkie-talkie sets, water storage tanks, water pumps. This equipment is necessary for the government to perform their functions and to meet critical needs of their constituents.
Ukraine: Economic Resilience Activity (ERA)	November 2022 – May 2023	No	Pivot activity to allow national and local government entities to deliver essential services in hazardous environments by: <ul style="list-style-type: none"> - procurement of water supply equipment, including for drinking water (including but not limited to water purification complexes, water cleaning filters, pumping and washing stations, equipment for water disinfection, etc.), for local government partners in the east and south to ensure access of people to essential needs (including to drinking water) in the war-affected communities; - power generators for local government partners, institutions, and farmers associations in restoring the basic services and ensuring the population's safety in the conditions of hostilities. This equipment is needed immediately for the government to perform their functions and to meet critical

			<p>needs of their constituents in order to avert an immediate threat to Ukrainian livelihoods as well as global food security.</p>
<p>Energy Security Project (ESP) (updated to extend timeframe of exemption)</p>	<p>September 2022 to June 2023</p>	<p>No. Methanol can be used as a pesticide. However, ESP is not procuring pesticide-grade methanol nor is that the intended use for the activity.</p>	<p>Pivot within the ESP activity to support the National Joint Stock Company “Naftogaz of Ukraine” through the procurement and transportation of methanol that will support Ukrainian gas production at the level planned before the start of the war in Ukraine in February 2022.</p> <p>Naftogaz provides the majority of Ukraine’s gas. This support is urgently needed to reduce the risk of gas shortages during the winter heating season in Ukraine, which begins October 15.</p> <p>The methanol procurement is critical to reduce the risk of gas shortages. It is necessary to ensure continued production of gas during the coming winter to meet the population’s winter heating demands and ensure continued supply to essential services like hospitals thereby averting the threat to the population’s lives and health, particularly vulnerable populations, posed by gas shortages and a lack of sufficient winter heating.</p> <p>Before the war, methanol was sourced from the Russian Federation. Methanol is necessary to prevent methane hydrate (ice) formation in gas wells and associated piping. Formation of hydrates can cause a complete loss of gas production in the affected well. Without methanol, gas</p>

			<p>production - and thereby winter heating - will be severely compromised in the coming winter season.</p> <p>The procurement is covered by the IEE DCN: 2020-UKR-104, under paragraph 3.12 “3.12 Prepare and procure key performance improvement projects (PIPs), which may include but are not necessarily limited to, new meters, information technologies for operation and maintenance of energy sector infrastructure, such as oil and gas transmission pipelines, electricity transmission lines, electricity substations, and oil and gas pump stations. PIPs designed to improve the reliability, efficiency, maintenance and reliability of the energy sector infrastructure.”</p>
<p>Ukraine: Cybersecurity for Critical Infrastructure of Ukraine</p>	<p>November 2023 - May 2023</p>	<p>No</p>	<p>GOU approached USAID with a request to procure more generators to the existing batch of 50 that CYBER is procuring for the State Service for Secure Communication and Information Protection. The current request is for 30 generators but the number may be higher pending the situation in Ukraine. We have environmental approval (SERF) for procurement of 50 generators: https://drive.google.com/file/d/10VIIBJWpef2CpunBfZiBTXUMatPiALiu/view?usp=sharing</p>

Ukraine: HOVERLA	March 2022 - February 2023	No	Pivot activity to ensure delivery of essential services by national, subnational (oblast and rayon level), and local government (community level) entities to local residents and Internally Displaced Persons (IDPs), including water, electricity, heating supply, assisting with hosting IDPs, communication and such by procuring essential items, such as power generators (gas, diesel, solar, wind), electric heaters, fuel cards, water tanks, satellite phones, walkie-talkie sets, water storage tanks, water pumps, quadcopters, gas analyzers, motor chainsaws, chemical heaters, batteries, power banks, flasks, microwaves, stationary radiovers, handheld transceivers, special equipment for rubble cleaning, road repair, reconstruction (loaders, backhoes, etc.). The items can be distributed directly to local governments or through rayon and oblast level executive bodies or State Agency for Emergency Situations of Ukraine (SESU).
Ukraine: DOBRE	March 2022 - February 2023	No	Pivot activity to ensure delivery of essential services by national, subnational (oblast and rayon level), and local government (community level) entities to local residents and Internally Displaced Persons (IDPs), including water, electricity, heating supply, assisting with hosting IDPs, communication and such by procuring essential items, such as power generators (gas, diesel, solar, wind), electric heaters, fuel cards, water tanks, satellite phones, walkie-talkie sets, water storage tanks, water pumps, quadcopters, gas analyzers, motor chainsaws, chemical heaters, batteries, power banks, flasks, microwaves, stationary radiovers, handheld transceivers, special equipment for rubble cleaning, road repair, reconstruction (loaders, backhoes, etc.). The items can be distributed directly to local governments or through rayon and oblast level executive bodies.

Ukraine: Ukraine National Identity Through Youth (UNITY) (updated)	March 24, 2022 - March 23, 2023	No	Pivot activity to setting up temporary emergency shelters within existing structures; conducting small scale infrastructure work and repairs of public spaces and existing structures (including improving accessibility of public spaces) being used in spaces such as emergency shelters and community centers; installation of water tanks; installation of field kitchens; portable waste management; delivery of supplies (food, water, hygiene items, firewood for field kitchen if needed; installation of electrical water boiler; install electric radiators or infrared heaters; and installation of heaters, connection to the existing water supply and electricity networks).
Ukraine Civil Society Sectoral Support Activity (Ednannia)	March 2022 - February 2023	No	After the liberation of some areas in Ukraine, Ednannia launched a new Call for Proposals "Improving Capacity of CSOs to Lead Recovery and Development Processes in the De-Occupied Areas" to support civic initiatives on these territories and citizens residing or returning to them. Due to the fact that the infrastructure in these territories is heavily ruined, there is a huge demand in the following items: Generators (petrol, diesel, propane, natural gas, or solar energy); Fuel; Camping (Gas) Stoves; Butane and propane gas bottles and cylinders; Butane/Propane Gas Lanterns; Batteries; Boilers; Foil blankets; Plastic Sheets; Packaging Film; Single-use plastic plates and cutlery; Solid fuel boilers; Solid fuel (wood, charcoal, peat, coal, hexamine fuel tablets, dry dung, wood pellets, and grains); Reflectors.

ENGAGE	October 2022 - September 2023	No	Pivot activity to ensure functioning of sub-giants to include the following items: diesel/fuel power generators including inverter generators; solar generators, solar panels; portable electric stations; power banks; power inverters 12V to 220V; accumulator batteries 12V, 24V; mobile wi-fi routers; starlinks; laptops that can work 10h and more; portable radio stations (walkie talkie).
Media Program in Ukraine (MPU)	October 2022 - September 2023	No	Pivot activity to ensure functioning of sub-giants to include the following items: charging stations; solar batteries; portable power sockets; uninterruptible power supplies (UPS); starlink Internet Satellite dish kits; electricity generators; power-banks; headlights; fire extinguishers; mobile routers; heaters; tablets for cleaning water; thermoses.
Ukraine: Accelerating Ukraine's Efforts to End HIV" (HealthLink)	July 2022 - March 2023	No	Pivot activity to ensure uninterrupted operation of healthcare facilities providing lifesaving antiretroviral treatment (ART) to people living with HIV by procuring petrol power generators for installation at ART dispensing sites.
Ukraine: Health Reform Support	November 2022 - November 2023	No	Provide petrol and/or diesel generators and support installation at health facilities to provide uninterrupted operation of healthcare facilities providing essential services.



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APPENDIX D

CONSTRUCTION CONTRACTOR WEEKLY
CONSTRUCTION REPORT TEMPLATE

APPENDIX D

		<p>USAID UKRAINE HRS GENERATOR INSTALLATION</p> <p>CONSTRUCTION CONTRACTOR WEEKLY REPORT</p>
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QC INSPECTIONS PERFORMED				
Area	Type: Prelim/ Initial/ Final	QC Issues/ Area of concern	Definable Scope of Work and Inspection type	Approved/ Not Approved

**QC Issue Type: Def= Deficiency, NC= Non-Compliance, S=Safety, EN= Environmental, Other*

OPEN DEFICIENCIES			
Area	Type	QC Issue Description	Anticipated Resolve Date

**QC Issue Type: Def= Deficiency, NC= Non-Compliance, S=Safety, EN= Environmental, Other*

ACTIVE NON COMPLIANCE ISSUES (if any)				
Area	NCN No.	Anticipated Resolve Date	NCN Description and Remedial Activities	Comment(s)

SUBMITTALS, RFI, or OTHER CORRESPONDENCE RECEIVED THIS WEEK			
Description	Date	Type	Control Number

SAFETY MEETING TOPICS:

SITE SECURITY
<i>Document any issues</i>

	USAID FROM THE AMERICAN PEOPLE	USAID UKRAINE HRS GENERATOR INSTALLATION
CONSTRUCTION CONTRACTOR WEEKLY REPORT		

QUALITY CONTROL MANAGER (QCM) COMMENTS
<i>Summarize any QC findings and how to rectify them.</i>

SIGNATURES

Date:

QCM

Subcontractor Representative



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APPENDIX E

TECHNICAL SUPERVISOR WEEKLY
CONSTRUCTION REPORT TEMPLATE

WEEKLY CONSTRUCTION REPORT

This construction report is to provide a summary of the weekly progress, work completed, and document any safety and quality control issues.

PROJECT INFORMATION:

Site Name:	NHSU
Site Address:	
Report Date:	
Work Week Start Date:	
Work Week End Date:	

EXECUTIVE SUMMARY:

Summary of the progress, major achievements, and issues faced during the week.

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WORK COMPLETED THIS WEEK:

Description of the activities and tasks completed within the work week.

Activity 1:
Area of Work:
Task Description:
Progress:

Activity 2:
Area of Work:
Task Description:
Progress:
Activity 3:
Area of Work:
Task Description:
Progress:
Activity 4:
Area of Work:
Task Description:
Progress:
Activity 5:
Area of Work:
Task Description:
Progress:

WORK PLANNED FOR NEXT WEEK:

Description of the activities and tasks that are to be completed in the upcoming work week.

Activity 1:
Area of Work:
Task Description:
Progress:
Activity 2:
Area of Work:
Task Description:
Progress:
Activity 3:
Area of Work:
Task Description:
Progress:
Activity 4:
Area of Work:
Task Description:
Progress:

Activity 5:
Area of Work:
Task Description:
Progress:

ISSUES AND DELAYS:

Description of any issues that were identified and solutions to rectify them.

Issue 1:
Description:
Impact on Project:
Proposed Solution:
Issue 2:
Description:
Impact on Project:
Proposed Solution:

SAFETY:

Description of any safety incidents that were identified and the action to rectify them.

Safety Incident 1:
Description:

Response Action:
Safety Incident 2:
Description:
Response Action:

QUALITY CONTROL:

Description of quality control issues that were identified and how to rectify them.

QC Issue 1:
Description:
Corrective Action:
QC Issue 2:
Description:
Corrective Action:

PROJECT SCHEDULE STATUS:

Description of the current project schedule status, any issues, and how to rectify them.

Overall Project Status (Ahead of Schedule / On Schedule / Behind Schedule):
Actions to Return to Schedule (if applicable):

Include photos of the construction site to visualize progress and highlight any issues.

SIGNATURES / SIGN-OFF:

Preparation

Company: _____

Printed Name: _____

Signature: _____

Review

Company: _____

Printed Name: _____

Signature: _____



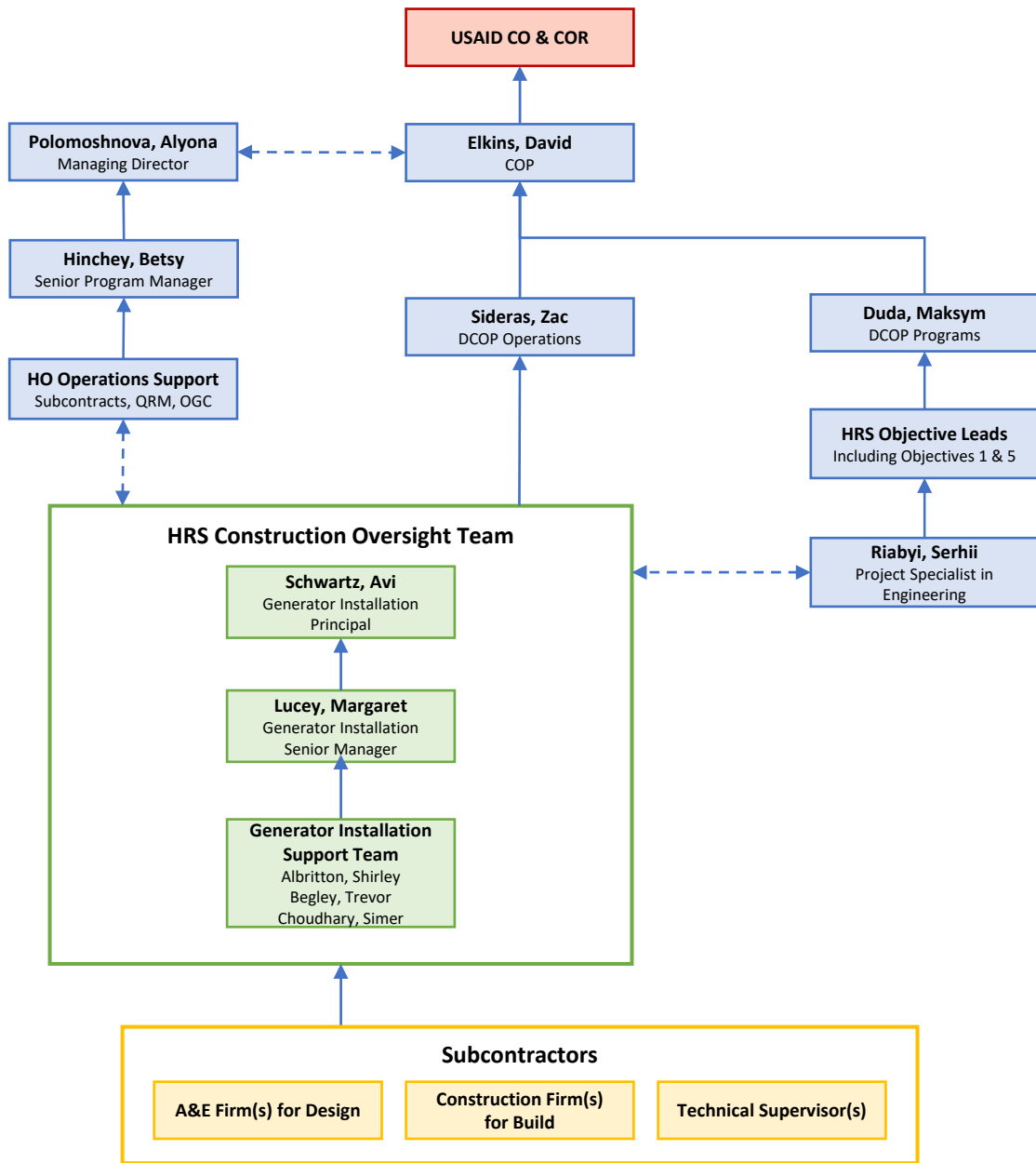
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APPENDIX F

HRS GENERATOR INSTALLATION PROJECT
ORGANIZATIONAL CHART



HRS Generator Installation Organizational Chart



Key

USAID	HRS Team	HRS Construction Oversight Team	Subcontractors
Reporting Line	Collaboration Line		

Acronyms: A&E = Architect & Engineer, COP = Chief of Party, DCOP = Deputy Chief of Party, HO = Home Office, OGC = Office of General Counsel, QRM = Quality Risk Management