



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

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**Regional Demonstration Project for Coordinated Management of ODS and POPs Disposal in Ukraine,
Belarus, Kazakhstan and Armenia**

**ASSESSMENT CRITERIA FOR THE SELECTION OF
PROJECT RECIPIENTS**

PROJECT BACKGROUND

The Regional Demonstration Project for Coordinated Management of ODS and POPs Disposal in Ukraine, Belarus, Kazakhstan and Armenia (hereinafter "the Project") will demonstrate environmentally sound practices for the collection and destruction of Ozone Depleting Substances (ODS) and Persistent Organic Pollutants (POPs) stocks. This demonstration project will assist the participating countries in meeting their obligations under the Stockholm Convention and the Montreal Protocol and establish local capacities for destruction of ODS and some POPs substances. Through the demonstration activities, the project aims to destroy a minimum of 11,700 MT of PCB/ODS containing waste and 418 MT of ODS (4.14 MM of CO₂e).

Under this project, facilities for the recovery of ODS and co-disposal of ODS/POPs will be established in the participating countries - as listed below:

Country	Facility to be established
Belarus	1 x ODS/POPs co-disposal centre
Kazakhstan	1 x ODS/POPs co-disposal centre 1 x Recycling centre for recovery of ODS refrigerants and foam blowing agents
Ukraine	1 x ODS/POPs co-disposal centre 1 x Recycling centre for recovery of ODS refrigerants and foam blowing agents

THE ROLE OF THE PROJECT RECIPIENT

The Project will assist in procuring and commissioning pilot recycling and co-destruction facilities capable of handling both POPs and ODS in the volumes required to manage disposal of stockpiles and recovered waste. The Project Recipient will thus obtain technical assistance in the form of "turnkey" industrial equipment (production line for refrigeration, freezing equipment and conditioners processing (capacity 25 HP / hour) and incinerator furnace (capacity 30-50 kg / hour) aimed at creating on its base the

infrastructure for the removal and further destruction of ODS and the collection and disposal of POPs. The main role of the Project Recipient is therefore to host and operate the equipment; which entails a co-financing commitment on behalf of the enterprise (the ratio of investment mobilized to GEF project financing being 4:1) to ensure operational success.

The Project Recipient will be selected among interested private entities on a competitive basis during the project implementation. To declare the intent to participate in the selection process, an enterprise must send a letter to UNIDO (the Implementing Agency) and the lead Ministry (the Project Beneficiary in the target country), indicating its interest in participating in the Project on co-financing terms.

COMPETITIVE SELECTION PROCESS

Competitive selection of the Project Recipient will be conducted via a comprehensive procurement lifecycle, which begins with the preparation of selection criteria, followed by an assessment conducted by a panel of experts in a Technical Evaluation Group (TEG) meeting and ends with the contract awarded to the highest ranked bidder which meets the qualification criteria.

This selection process follows the principles of:

1. Open competition and transparency throughout the selection process;
2. Equal access and participation for all potential participants;
3. Independence and impartiality in conducting evaluations;
4. Disclosure of confidential information on the project and participating companies to all members of the TEG, operating under a *Declaration of Objectivity, Impartiality and Confidentiality*
5. Transparency in the disclosure of the results of the selection process

The exact procedure for the selection process will be determined with the Government of each country and may vary from country to country.

CONDITIONS FOR PARTICIPATION

To be selected for participation in the Project, the Project Recipient must comply with the following conditions:

1. The entity must obtain all relevant licenses and documentation for the operation of this equipment and the collection, storage, treatment and disposal of hazardous waste;
2. The entity must prepare the land and technical base, allocate engineering and technical facilities for the processing of refrigeration and cooling equipment and the collection, storage and disposal of ODS, as well as the collection, storage and disposal of POPs;
3. The entity must comply with relevant national and international environmental, health and safety regulations.
4. The entity must provide training for qualified personnel;
5. The entity must ensure the efficient use of the provided industrial equipment in the framework of the Project objectives;
6. The entity must provide the necessary quantity of raw materials;
7. The entity must provide infrastructure for placing processed products on the market;

8. The entity must support, through qualified personnel, the establishment of a waste management system for ODS and POPs at the national and regional levels, which encompasses their collection, storage, transportation and disposal;
9. The entity must report on and justify the expenses incurred at each stage of the project implementation and document this in a donor-legible form;
10. The entity must comply with the national requirements on the implementation and monitoring of technical cooperation projects.

TECHNICAL CRITERIA FOR HOSTING THE RECYCLING AND CO-DISPOSAL FACILITIES

The Project Recipient must prepare the land and technical base, allocate engineering and technical facilities for the processing of refrigeration and cooling equipment and the collection, storage and disposal of ODS, as well as the collection, storage and disposal of POPs (as stated in point 2 of the 'conditions for participation').

The minimum infrastructure requirements are as follows:

1. A pre-existing industrial site (with all corresponding property rights) and/or confirmed funding and blueprints for its establishment within 8 months of the completion of the competitive selection process;
2. A building with a minimum working area of 1,950m² (65m x 30m) for the refrigerator processing line and 650m² for the incinerator, with a possibility for expansion. The building must have a minimum ceiling height of 10m;
3. The floor inside the building should be level and able to withstand loads of 0,5 N/mm². Outside, there must be a free area of 4m along one of the long walls. This area should also be level and able to withstand loads of 0,5 N/mm²
4. The building should have a functional industrial heating system (inside temperature should always be above +5°C, ideally above 15°C);
5. The building should have at least two doors 4m wide and 5m high for easy access of trucks;
6. A pre-existing storage facility and/or available land (with all corresponding property rights) and resources for the establishment of storage facilities. These facilities must be adapted to comply with all requirements for the storage of class 1 hazardous waste, with separate areas for ODS, POPs/PCBs;
7. Requirements for power supply (for line - 380V, not less than 360 kW / h (peak load), for incinerator - 380V, not less than 60 kW / h);
8. Requirements for water supply (for the line - not less than 352 thousand m³ / year; for incinerator - not less than 100 l / h). Reference availability 4000 l/h for firefighting and other uses, 3 bar. The actual consumption is determined by local norms and detailed by local specialised companies accordingly, but such water is in closed-circuit, so actual consumption should be low.
9. The site should have a fire-fighting protection plant and anti-theft protection for the equipment.
10. The site should have access roads that meet the requirements for the transfer of hazardous waste (type, coverage).
11. The site should have access to waste treatment facilities (own or leased / used).
12. The plant should have qualified personnel or confirmed funding and an action plan for recruiting and training qualified personnel to operate the equipment and manage the facilities.