**tECHNICAL OFFER FORM**

**FOR PLASTIC SHEETS RECOVERY EQUIPMENT (brand new) AND RELATED SERVICES**

**COMPANY NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**No. 1: Shredder**

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| **Characteristic**  | **Product description** |
| General design requirements  | * Cutting plastic sheets into small pellets.
* Enclosed cutting chamber to prevent plastic waste for wet processing of the grinding.
* Heavy duty type rack, hydraulic drive for hopper opening. Easy for blades maintain.
* Knives are externally adjustable; easy to open screen cradle.
* Size of shredded plastics 0.6-2.36 mm
 |
| Hard plastic capacity output | 100-150Kg/Hour |
| Soft plastic capacity output | 100-150Kg/Hour |
| Type of materials | All types of common municipal plastic waste in a variety of materials such HDPE, LLDPE, PP, ABS, HIPS, Nylon, PC, PET into a plastic profile |
| Warranty  |  Minimum 12 Months |

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| **Characteristic** | **Instructions** | **Product description** |
| General design requirements  | Please provide general physical properties of your product  |  |
| Model | Please provide information about the product model, manufacturer and serial number |  |
| Type of material to be processed | Please provide description |  |
| Engine power | Please provide engine power information |  |
| Hard plastic Capacity Output | Please provide the capacity |  |
| Soft plastic capacity output | Please provide the capacity |  |
| Size  | Dimensions(length/width/height) [mm] |  |
| Weight  | Volume of the product (kg)   |  |
| Shelf life  | Please specify the period  |  |
| Lifespan  | Please specify the period  |  |
| Warranty   | Please specify period and what is covered  |  |
| Spare parts | Please indicate which spare parts are available from your company |  |
| Maintenance and repair services | Please indicate if your company provides maintenance and/or repair services |  |
| Relevant Certificates   | Official documents that recognized compliance with quality, environmental, social and other relevant aspects.   |  |
| End of life, disassembly, recycling: Take-back guarantee and recycling   | Practices when the product is expired, discarded or destroy   |  |
| Other relevant information | Please specify |  |

**No. 2: Washing Line:**

**A- Washing Tank**

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| **Characteristic**  | **Product description** |
| General design requirements  | * The equipment shall be able to clean shredded plastic by removing contaminants and labels.
* Water treatment: equipped with a water filtration and recirculation system
 |
| Capacity | All the line should have a capacity of 100-150kg/h |
| Water treatment | * Equipped with a water filtration and recirculation system
* Discharge valve at bottom, easy to clean
 |
| Type of materials | All types of common municipal plastic waste in a variety of materials such HDPE, LLDPE, PP, ABS, HIPS, Nylon, PC, PET into a plastic profile |
| Warranty  | Minimum 12 Months |

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| **Characteristic** | **Instructions** | **Product description** |
| General design requirements   | Please provide general physical properties of your product  |  |
| Model | Please provide information about the product model and serial number |  |
| Type of material to be processed | Please provide a description |  |
| Water treatment | Please provide a description |  |
| Engine power | Please provide a description |  |
| Capacity | Please provide a description |  |
| Size   | Dimensions(length/width/height) [mm] |  |
| Weight   | Volume of the product (kg)   |  |
| Shelf life   | Please specify the period  |  |
| Lifespan   | Please specify the period  |  |
| Warranty   | Please specify period and what is covered  |  |
| Spare parts | Please indicate which spare parts are available from your company |  |
| Training | Please indicate if your company provides training. Kindly describe your approach.  |  |
| Maintenance and repair services | Please indicate if your company provides maintenance and/or repair services |  |
| Relevant Certificates   | Official documents that recognized compliance with quality, environmental, social and other relevant aspects.   |  |
| End of life, disassembly, recycling: Take-back guarantee and recycling   | Practices when the product is expired, discarded or destroy   |  |
| Other relevant information | Please specify |  |

**B - Dryer**

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| **Characteristic**  | **Product description** |
| General design requirements   | * The equipment shall be able to dry cleaned plastic.
* Multi-purpose unit, shall wash the remaining surface contaminants from material and simultaneously dry the fil scraps.
* Washer/dryer housing built in stainless steel welded construction.
* Reinforces, mild circular screen size 02.8mm in polygon 4 pieces version for higher washing/drying effect.
* Screen can be easily exchanged.
 |
| Capacity  | all the line have a capacity of 100-150kg/h |
| Type of materials  | All types of common municipal plastic waste in a variety of materials such HDPE, LLDPE, PP, ABS, HIPS, Nylon, PC, PET into a plastic profile |
| Warranty  | Minimum 12 Months |

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| **Characteristic** | **Instructions** | **Product description** |
| General design requirements   | Please provide general physical properties of your product  |  |
| Model | Please provide information about the product model and serial number |  |
| Type of material to be processed | Please provide a description |  |
| Water treatment | Please provide a description |  |
| Engine power | Please provide a description |  |
| Capacity | Please provide a description |  |
| Size   | Dimensions(length/width/height) [mm] |  |
| Weight   | Volume of the product (kg)   |  |
| Shelf life   | Please specify the period  |  |
| Lifespan   | Please specify the period  |  |
| Warranty   | Please specify period and what is covered  |  |
| Spare parts | Please indicate which spare parts are available from your company |  |
| Training | Please indicate if your company provides training. Kindly describe your approach.  |  |
| Maintenance and repair services | Please indicate if your company provides maintenance and/or repair services |  |
| Relevant Certificates   | Official documents that recognized compliance with quality, environmental, social and other relevant aspects.   |  |
| End of life, disassembly, recycling: Take-back guarantee and recycling   | Practices when the product is expired, discarded or destroy   |  |
| Other relevant information | Please specify |  |

**No. 3: Extruder**

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| **Characteristic**  | **Product description** |
| General design requirements   | Single crew extruder, optimized for recycled materials.  |
| Screw design  | Features a 24:1 length-to-diameter ratio with a variable compression ratio for different types of plastics.  |
| Capacity  | Up to 100 kg/h  |
| Temperature control | Multiple heating zones with precise temperature controls to ensure uniform melting.  |
| Type of materials | All types of common municipal plastic waste in a variety of materials such HDPE, LLDPE, PP, ABS, HIPS, Nylon, PC, PET into a plastic profile |
| Warranty  | Minimum 12 Months |

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| **Characteristic** | **Instructions** | **Product description** |
| General design requirements   | Please provide general physical properties of your product  |  |
| Model | Please provide information about the product model, manufacturer and serial number |  |
| Screw design | Please provide a description |  |
| Type of material to be processed | Please provide a description |  |
| Engine power | Please provide a description |  |
| Capacity | Please provide a description |  |
| Size   | Dimensions(length/width/height) [mm] |  |
| Weight   | Volume of the product (kg)   |  |
| Shelf life   | Please specify the period  |  |
| Lifespan   | Please specify the period  |  |
| Warranty   | Please specify period and what is covered  |  |
| Spare parts | Please indicate which spare parts are available from your company |  |
| Training | Please indicate if your company provides training. Kindly describe your approach.  |  |
| Maintenance and repair services | Please indicate if your company provides maintenance and/or repair services |  |
| Relevant Certificates   | Official documents that recognized compliance with quality, environmental, social and other relevant aspects.   |  |
| End of life, disassembly, recycling: Take-back guarantee and recycling   | Practices when the product is expired, discarded or destroy   |  |
| Other relevant information | Please specify |  |

**No. 4: Compactor**

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| **Characteristic**  | **Product description** |
| General design requirements   | Type: Vertical trash compactorCompression Force: minimum to 50 kn |
| Warranty  | Minimum 12 Months |

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| **Characteristic** | **Instructions** | **Product description** |
| General design requirements  | Please provide general physical properties of your product  |  |
| Model | Please provide information about the product model, manufacturer and serial number |  |
| Type of material to be processed | Please provide description |  |
| Engine power | Please provide engine power information |  |
| Size  | Dimensions(length/width/height) [mm] |  |
| Weight  | Volume of the product (kg)   |  |
| Shelf life  | Please specify the period  |  |
| Lifespan  | Please specify the period  |  |
| Warranty   | Please specify period and what is covered  |  |
| Spare parts | Please indicate which spare parts are available from your company |  |
| Maintenance and repair services | Please indicate if your company provides maintenance and/or repair services |  |
| Relevant Certificates   | Official documents that recognized compliance with quality, environmental, social and other relevant aspects.   |  |
| End of life, disassembly, recycling: Take-back guarantee and recycling   | Practices when the product is expired, discarded or destroy   |  |
| Other relevant information | Please specify |  |

**General Requirements**

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| **Services** | **Description** | **Bidder confirmation (Yes / No)** |
| Installation, Maintenance, and warranty requirements.  | On-site installation and commissioning.  |  |
| Availability of maintenance and repairs services  |  |
| List of sources for purchasing spare parts |  |
| All machines should have a warranty duration of 12 months for the date of commissioning.  |  |
| All documentations, including catalogues, instructions, and operating manuals |  |
| List of required spare parts for a duration of 12 months with their prices  |  |
| Delivery terms, lead time and payment terms.  | Delivered At Place (DAP), Zgharta, North Lebanon |  |
| Latest delivery date is by **30 September 2024** |  |
| 100% payment will be by bank transfer to the Supplier’s account after delivery, installation, commissioning and acceptance of goods by UNHCR. |  |

In order for your offer to be considered, and for the purpose of technical evaluation, below technical details should be filled:

**General Related Services:**

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| **Installation, commissioning, and training**  | **For each offered product, installation, commissioning and training is required for smooth operation. Kindly describe your approach and project plan for the offered products.** |
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Name of the Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of Proprietor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address of the Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Responsible Person on behalf of the Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company Seal: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_