# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Supply of Waste Bins and Mobile Waste Collection Centers in Enez and Ipsala**

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**Publication reference:** **BSB00027-LP-SUP-01**

**LOT 2: Garbage containers for residents**

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

**1 – GENERAL REQUIREMENTS**

**1.1 General requirements applying to all of the items:**

1. All the equipment/supplies/materials shall be provided complete with the necessary accessories and/or parts such as to ensure that the unit is capable of operating to the required technical and quality specifications. All specifications details listed is the minimum requirements. Any improvements on the specifications or additional features offered should be clearly identified in the Tenderer’s offer.
2. The Tenderer shall confirm that the tendered equipment complies with applicable EU standards and certifications. Standards and codes including addenda shall be valid at the date of submitting the tender.
3. The supplier will be responsible for advising of any Health & Safety risks associated with equipment provided and of suitable protective measures.
4. The Tenderer shall clearly state in the attached detailed Technical Specifications the proposed model, trade mark, manufacturers and country of origin.
5. All equipment must be supplied with full technical documentation comprising, at the minimum, operation manual, and service manual. This documentation must be supplied, at the time of delivery of the equipment, if applicable in the Turkish language, unless stated otherwise. It is the sole responsibility of the Tenderer to ensure that all supplies are certified as required. In addition to the requirements stipulated elsewhere in the tender document, the Tenderer shall with his tender provide brochures, leaflets and other documentation specifying the tendered supply in an unambiguous manner.
6. Equipment which allows upgrading of capacities shall be provided in such a way that upgrades can be performed by installing additional capacity without discarding the already installed capacities.
7. All equipment shall be delivered DDP (Delivered Duty Paid). The location for delivery for each item is will be following address;

**Güney Edirne Katı Atık Birliği - South Edirne Solid Waste Union /GUNEKAB/**

Yukari Zaferiye Quarter Pasayigit Street, fl.1, Nr. 17

22800 Kesan/ Edirne/ Türkiye

**1.2 Putting into Operation of equipment**

1. Delivery and put into operation by the Contractor of the equipment is required.
2. The Contractor shall submit with his tender a description of his proposed activities and activity schedule at the location of delivery for put into operation and testing of the equipment according to Article 25 of the Special Conditions of Contract.
3. The Contractor shall perform on site installation of the supplied goods including unloading at the addresses that the contracting authority directs.
4. Installation and put into operation shall be conducted by properly trained and authorized personnel of the Contractor.
5. The Contractor shall make available to himself all tools, materials and equipment required for in-house transport, assembling and putting in operation.
6. The Contractor shall perform starting-up and commissioning of the equipment, furnishing of all required materials such as consumables needed for testing and initial operation of the supplied waste collection vehicle.
7. The Tenderer shall, with his Tender provide a description of how maintenance and support will be provided during the required period following provisional acceptance as well as beyond this period, including postal address, telephone and fax number, e-mail address etc. of the service organisation. Maintenance and support shall be conducted by properly qualified technicians.
8. The Tenderer shall also provide a confirmation of acceptance issued by the appointed maintenance service provider.

**1.3 Basic Technical Specification (minimum requirements)**

1. Tenderers are to offer standard production models matching or exceeding the specifications stated in the outline specifications – see detailed Technical Specifications. The tenderer shall ensure that the functions and features of the equipment meet the listed minimum conditions and should submit equipment brochures and catalogues showing the specifications of the proposed **equipment, supplies and/or materials grouped under following lot:**

**LOT 2: Garbage containers for residents**

Technical specifications required for supplies under each lot are summarized in following table.

1. All specifications details for each item are the minimum requirements. Any improvements on the specifications or additional features offered should be clearly identified in the Tenderer’s offer.
2. Any goods which provide performance at least substantially equivalent to those specified in the Technical Specifications will be evaluated.
3. Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest current edition or revision of the relevant standards in effect, shall apply, unless otherwise stated in the Contract. Where such standards and codes are national or relate to a particular region, other authoritative standards that ensure substantial equivalence to the standards or codes specified will be evaluated.
4. It should be noted that whenever a specific name of a product is mentioned in the Technical Specifications, a sufficiently precise and fully intelligible description is not possible, and it has to be understood as that product or its equivalent. All the equipment shall be provided complete with the necessary accessories and/or parts such as to ensure that the unit is capable of operating to the required technical and quality specifications.

**1.5 Contractor’s Technical Offer**

1. All technical documentation supplied with the tender must match the Tenderer’s written specifications.

**1.6 Technical Documents to be provided during the time of tendering and provisional acceptance**

* Certificate of compliance with CE norms, as applicable;
* Certificates for compliance of the bins with the TS EN relevant standarts

The following documents are requested during the provisional acceptance related to the manufacturing of the proposed supplies:

* Guarantee document of manufacturer;
* Warranty document of the manufacturer and/or the supplier, as applicable;

**1.7 Visibility**

The supplies shall have a solidly fixed and durable label, with readable and visual size, with the standard Inttereg NEXT logo according to the rules of the programme Interreg NEXT Black Sea Basin 2021-2027 programming period. The label should include all obligatory information described in the visualization manual of the programme. <https://blacksea-cbc.net/interreg-next-bsb-2021-2027/project-toolkit/communication-and-visibility>

**LOT 2:** Garbage containers for residents:

770 Lt. Hot Dip Galvanized Garbage Container with Lid 20 containers for 4 types (plastic/ paper/ domestic and glass ) of recycling (5 mobile containers in set)

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | **770 L Covered Hot-Dip Galvanized Waste Container- 20 pcs (5 containers for each type of waste \* 4 types)** |  |  |  |

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | **1-** The container body (including the lid) volume will be 770 (seven hundred and seventy) liters. Liter tolerance will be ± 5% (plus-minus five percent) liters. The mouth opening will be 600.00 x 1,100.00 mm for easy disposal and emptying of garbage. It will be manufactured according to the dimensions of the attached technical drawing.  **2-** The body will be made of 2.00 mm sheet metal with TSE certificate and St 37 quality, and will be bent and pressed as a single piece to increase its strength.  The base corners and the upper rear mouth will be radiused. The assembly of the side sheets manufactured from the same sheet as the body sheet, a bent protrusion or lip of at least 15.00 mm width (including all perimeters and radii) formed by pressing on the edges of the side sheets, this protrusion and the side sheets and the body sheet will be seamlessly welded from the outside (including radii). |  |  |  |
| **3-** Body welding and other welding will be welded continuously without slag using gas metal arc welding technique.  and the body will be watertight. |  |  |  |
|  | **4-** Lifting arms suitable for the lifting apparatus on the vehicle are 45.00 x 10.00 cm. and will be drilled from 4.00 mm sheet metal and a 16.00 mm round arm will be welded to the body from the top and bottom.  **5-** The container cover will be manufactured in the form of a dump cover system that can be opened around its own axis by being plastered from a single piece of sheet metal of TSE certificated 1.50 mm in St 37 quality. The cover will be in one piece and will have an opening handle, support and locking system. In addition, there will be internal strength-enhancing profile reinforcements on the cover. The cover volume will be a maximum of 25 (twenty-five) liters. |  |  |  |
|  | **6-** The body mouth will be surrounded by self-bending of the body and side sheets with dimensions of (25.00x50.00x2.00) mm. There will be no welding on the mouth except for the corner joint.  The bottom part of the profile can be the method source.  **7-** A sufficient number of rectangular shapes will be formed in the press at certain intervals on the body and side sheets to increase strength.  **8-** The carrier shall have 4 pieces of 160.00 x 45.00 mm wide-swinging 360º rotating wheels with a 4.00 mm thick TS EN 12532 standard.  The wheel connection foot plate will be 4 mm. reinforced with 'V' bends on the inside.  One of the wheels will have a brake.  **9-** The inside and outside of the container (including the lid) are completely coated with 'Hot Dip Galvanizing' system with an average coating thickness of at least 60 microns according to TS EN ISO 1461.shall be coated in accordance with the standard. |  |  |  |
|  | **10- The word “South Edirne Solid Waste Union /GUNEKAB/” will be written** on the front – together with the name of the waste type that could be throw – paper, plastic, organic, metal with the Logo of the Interreg NEXT Black Sea Basin Programme and project, upper surface of the container with blue paint. In addition, the words 'Let's Keep Our Environment Clean', the 'Littering Person' figure and the words 'Do Not Throw Fire' warning will be painted in appropriate places on the container.  **11-** All surfaces of the container, including its design features, shall be smooth and free from dents, excessive scratches,  There will be no cracks, slag, etc.  **12-** The container will have TS EN 840-3 Standard Conformity Certificate.  **13 -** Containers will be designed and/or supplied for four types of waste (40 units from each type), namely paper, metallic, organic and plastic while labeled as “Paper / Kağıt” (5 untis), Metallic / Metal (5 Units), Organic / Organik (5 Units) and Plastic / Plastik (5 units). |  |  |  |