**Technical Specifications for Tender**

**Relevant to Electoral Process Ballot Boxes**

* **Ballot box specifications: The box consists of a body, cover and fastener.**

**First: Specifications of the Ballot Box Body:**

1. Box that opens from one end.
2. Contains two handles that are part of the box.
3. The box is made of copolymer polypropylene that is about 2.7 mm thick.
4. The box is designed so that a certain number of boxes can be placed over each other.
5. Measurements:
	* Height of the box on the inside is about 42 cm (Figure 1 – C)
	* Distance between the tip of the handle to the other is 52 cm (Figure 1 – A)
	* Distance between the two ends of the top part is 44 cm (Figure 1 – B)
	* Distance between the two ends of the base of the box is 37 cm (Figure 1 – D)
	* Size of the box is 60 liters.
	* Degree of transparency (light permeability) = 83.2%.
	* The dimensions above are clarified and outlined in Figure 1 below.



Figure (1)

**Second: Specifications of box cover:**

1. Cover made of plastic is 3 mm thick.
2. Cover is made of polyethylene and polypropylene anti-shock plastic.
3. The cover has an opening that is 1 cm wide and 13 long to allow for the ballot card to go in.
4. Cover is outfitted with a fastener to close the opening where the ballot card is put it to cover the opening when the voting is concluded.
5. Fastener is made of the same material as the cover.
6. The cover color is green.

**Third: Mold specifications:**

1. The mold consists of three parts to manufacture the body of the box, the cover, and the fastener that is part of the cover)
2. The mold is available and can be seen at the Election Commission.

**Fourth: Resilience, tension and expansion:**

1. The temperature tolerance as well as the tension and expansion examination must be in line with the ASTM specifications and the relevant ISO specifications.

**Fifth: Openings:**

1. There must be two holes on the sides of the body of the box, ready to be closed with clamps so that those holes are on the sides opposite to the box handles. (According to the sample)

**Sixth: Samples:**

1. The contractor must submit a sample of the box according to the required specifications and measurements, with approval sought before execution.

**Seventh: Weights and general specifications of the box and cover:**

1. Weight of the box: (According to the sample)
2. Weight of the cover: (According to the sample)
3. Weight of the fastener: (According to the sample)
4. Fluidity factor (gm / 10 minutes): 36
5. Expansion to breaking (%): Average 580
6. Tension stress: (kg / cm 2) 28.5
7. Heating period: 5 minutes
8. Breaking period: 15 seconds and number of breaking times: three.

**Specifications for larger ballot box**

Similar dimensions as for smaller ballot box, except height is increased from 42 cm up to 70cm. This increases capacity to 112 litres. Same lid dimensions, as well as size at top and bottom.

Thickness of material may need to be increased to retain strength over the taller ballot box.