

**Annex A: Technical Specifications**  
**REQUEST FOR QUOTATION No: RFQ/HCR/SYR/23/66**

**FOR THE SUPPLY AND DELIVERY OF FIREWOOD STOVES FOR UNHCR SUB OFFICE IN ALEPPO – SYRIA.**

**Usage:**

The Firewood stove is aimed to be used for heating the residences of people of Concern. It is for indoor use only.

It is designed to consume solid fuel like: wood, coal, heating briquettes etc.

**Raw material:**

The stove, pipes and L shape connectors should be made from anti-rust tin. Metal sheet thickness for Firewood stove is minimum 0.4mm, except the floor of the fire house should be minimum 0.8 mm thickness (part# A in diagram), and Metal sheet thickness for Pipes and L shape connectors is 0.2 mm. Total weight of the stove is minimum 4 kg. Pipe weight is 450gr minimum, Pipe weight = 436 g (+ or - 5%), L shape connector weight = 205 g (+ or - 5%).

**Shape description:**

- The design of the requested firewood stove is cylindric with short legs to lift it up from the ground.
- It is provided with front and top openings to feed solid fuel.
- The top opening is provided with removable cap.
- The front opening is provided with lock mechanism on one side and a joint to connect with the body of the stove on the other side.
- The front opening is provided with tiny holes (three to five holes).
- A drawer is placed at the lower side to collect and remove burned ashes.
- Pipe are to be connected from the back side.
- All parts of the firewood stove are tin.
- Connecting different parts is done via pointiness welding.
- The inner cavity is separated into two spaces, the upper one is for burning the solid fuel, the lower one is to collect the ashes. The two spaces are separated by a fixed flat circular disc with 5 to 7 holes (2cm diameter each).

**Accessories:**

- Every stove should also be provided with five Pipes and two L shape connectors.
- Pipes and L connectors should be made from the same tin. Same welding method.

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#### Dimensions:

The attached diagrams show all measurements and dimensions. Tolerance of 7% on dimensions is acceptable. The thickness of all parts of the firewood stove should be 0.4mm at least, except the floor of the fire house should be minimum 0.8 mm thickness (part# A in diagram) at least. Metal sheet thickness for Pipes and L shape connectors should be minimum 0.2 mm at least.

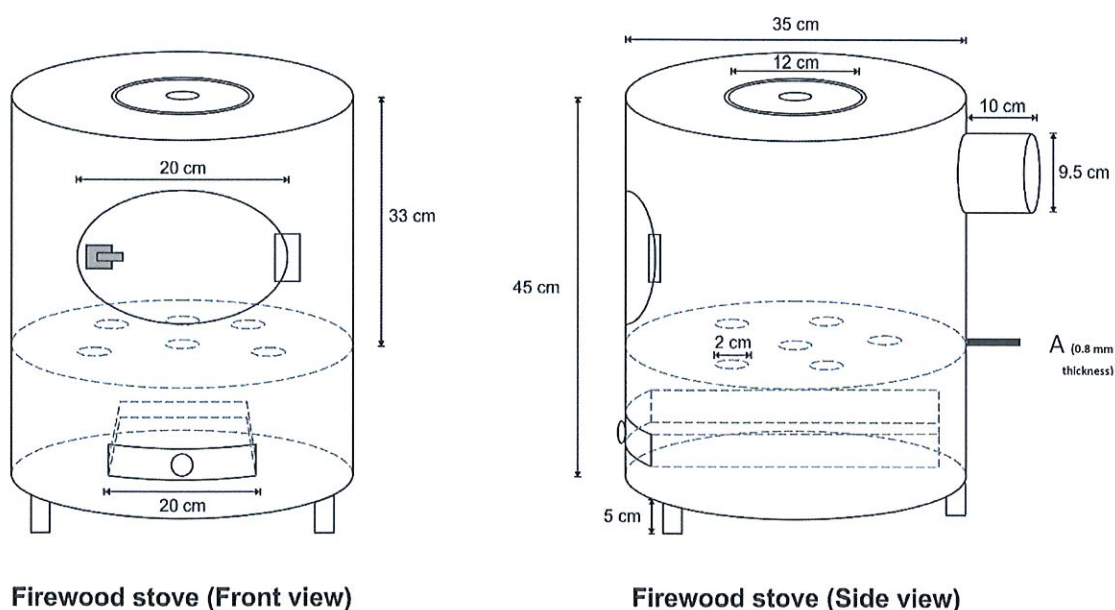
#### Visibility:

- UNHCR Logo should be pressed (not printed) on the top side of the stove. Size of logo and/or writing should be as the attached design file.

#### Packaging:

- Each stove should be packed in transparent thick nylon bag. 5 pipes and two connectors should be packed in one transparent thick nylon bag.
- Each nylon bag should have a sticker with UNHCR Logo and description of the contents in Arabic and English. Size of logo and writing should be as the attached design file.

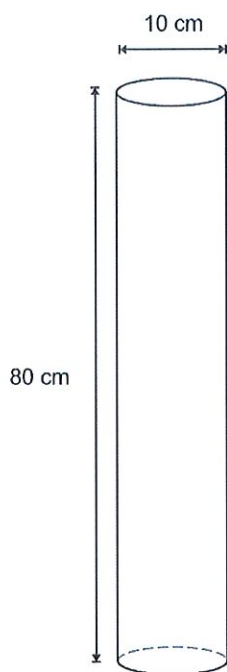
#### Diagrams:



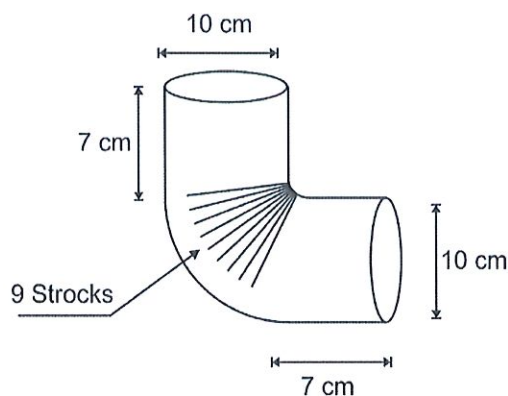
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**Pipe**



**L shape connector**

#### **Warranty:**

Firewood stove: 1 year, as from the date of receipt. All damages or defects resulted of man work should be replaced.

Pipes and L shape connectors: 1 year, as from the date of receipt. All damages or defects resulted of man work should be replaced.

End of Technical Specifications