



## Elevated Steel Water Tank Needed Specification

- Capacity of Elevated Water Tank should be **(10)** Cub Meter.
  - Steel Thickness of Steel Sheet used for Tank should be (14 gauge) Russian Made.
  - Height of Water Tank Should be **5.3m** from Top of Foundation Level to Bottom Level of Water Tank.
  - The Tank Tower Column or Pile should be from Russian Made Pipe (**6 inch**) Diameter.
  - The Tie Beams or Belt of Tank Column should be from Russian Pipe (**4 inch**) Diameter.
  - Wind Resistance Strip of Water Tank Tower should be from Russian Made **20mm** Steel Bar.
  - Earth Quick Resistance Circle for Water Tank Tower should be from Steel **6mm**.
  - Simi Circle for Strength and Protection of Water Tank Tower should be from Steel Iron (**6mm**).
  - Safety Hand rail all around of Water Tank Tower from pipe (**2 inch**), Steel Bar (**14-16**) mm and Angle Iron of **2 inch**.
  - Stair from Ground to Safety Hand Rail should be from Steel Bar GI Pipe (**1 inch**) and Stair Steps GI pipe (**3/4 inch**).
  - Stair to Inside of Water Tank should be (**1 inch**).
  - Water Tank should be welded inside and outside carefully.
  - Manhole and Manhole Cover of Water Tank should be safely built.
  - Painting of Inside and Outside with Anti Corrosive and Anti Stain Paint.
  - Outlet Pipe should be used (**2 inch**) Diameter.
  - Inlet Pipe and Over Flow should be from (**2 inch**) Diameter.
  - Air Pipe should be installed on the Top of Water Tank.
  - Transportation of Complete Set of Water Tank to the mentioned Field Area.
  - Construction of Complete RCC Foundation with all needed and Responsibility and using of Mould.
  - Installation or Setting of Elevated Water Tank in the Field.
  - Needed Drawing Documents of Elevated Water Tank.
- Drawing and Design of Elevated Water Tank RCC Foundation and all needed Specification after Contract Agreement Documents.



Razi Social Development  
Organization

SURVEYED BY	RSDO Engineering Team	CHECKED BY		SCALE		SHEET NO.	4	PROVINCE		PROJECT NAME	Water Supply Project
DESIGNED BY	RSDO Engineering Team	REVIEWED BY		DATE				DISTRICT		DRAWING TITLE	10 m3 Elevated Steel Water Tank
DRAWN BY	RSDO Engineering Team	APPROVED BY		DRAWING NO.				VILLAGE			