



## Samra Electric Power Company (SEPCO)

### Risha Power Plant

#### New Water-Well Pump – Risha Power Plant

##### Risha Water Well New Pump with Motor (Complete)

- The Pump will Installed in Artesian Water Well as:

1- Well Depth: 504 m

2- Pump Depth: 424 m.

3- Well Casing Diameters:

- from 241.08 m to 368.08 m: 10 3/4" Black Casing.

- from 368.08 m to 415.00 m: 9 5/8" S. Steel Casing Screen.

- from 415.00 m to 504.00 m: 10 3/4" Black Casing.

No.	Description	Unit	QTY
1	<b>Submersible Motor</b> Classification: 1. Type: 8K100 HP. 2. Rated Power: 75 kW (100 Hp). 3. Three Phases, 380-415 V, 50 Hz. 4. Diameter: 8" (Connection with Pump). 5. Temperature Sensor (RTD) PT100. 6. Temperature: 70 °C 7. Material: Stainless Steel. 7.1 Casing material: Stainless Steel. 7.2 Shaft material: Stainless Steel.	EA	1
2	<b>Submersible Pump</b> Classification: 1. Type: Z631 40D-8. 2. Number of Stages: 40 3. Rated Power: 52 kW. 4. Water Flow: up to 45 m <sup>3</sup> /h. 5. Total Head Meters Column of Water: up to 569 m (vertical). 6. Diameter: 8" (Connection With Motor). 7. Material: Stainless Steel. 7.1 Casing material: Stainless Steel. 7.2 Impeller material: Stainless Steel. 7.3 Shaft material: Stainless Steel. 7.4 Strainer material: Stainless Steel.	EA	1

