Annex 2 to RfQ TJ-0013

for water pumps procurement

**Specifications ECV 10-65-65**

| **Standard size of the electric pump** | **Nominal parameters of the electric pump** | **Overall dimensions in mm, not more than** | **Weight, kg, not more than** | **Borehole diameter, mm** |
| --- | --- | --- | --- | --- |
| **Feed, m3/hour** | **Head H, m** | **Current, I, A** | **Efficiency of e-mail. engine, %** | **Power e-mail. engine, kW** | **D** | **L** |
| **ECV 10-65-65 NRC** | 65 | 65 | 45 | 83 | 22 | 235 | 1275 | 137 | 250 |

Submersible artesian pump ECV 10-65-65 nrk

**Nominal characteristics of the electric pump**

**Permissible deviations: 1Feeds ±9%; 2Head ±7%**

**Characteristics**

Features of artesian pump ECV 10-65-65 nrk

Total mineralization (dry residue) not more than 1500 mg/l

Hydrogen index (pH) from 6.5 to 9.5

temperature of the pumped liquid up to 25 ° C

mass fraction of solid mechanical impurities - no more than 0.01% (larger than 0.1 mm)

The content of chlorides in the liquid is not more than 350 mg / l

sulfates - no more than 500 mg/l

hydrogen sulfide - no more than 1.5 mg / l.

The structure of the symbol of pumps ECV 10-65-65 NRK

ECVTtype of unit: ECV

10Inside diameter of the well casing in inches (1 inch = 25.4 mm)

65Nominal flow, m3/h

65Nominal head in meters of water column

NRCStainless Worker

The design of the pump ECV 10-65-65 nrk

Pumping part

electric motor

Current-carrying wires

Valves

plate

protective casing

Protective mesh

mesh or drain plug

**Design features of ECV 10**

Maximum diameter: 235mm

Impeller material: stainless steel.

Tapping material: high-quality fiberglass.

**Manufacturer's warranties**

The average service life before decommissioning the unit is at least 3 years.