

Technical specification of gabion wires for gabion waving:

Project location:

Province: Baghlan

Districts: 5 Districts (Dahsalah, Tala wa Barfak, Pul-e-khumri, Burka and Jilga).

General Information:

Acted Baghlan start the project entitled [Service to support the implementation of FAO's "Additional Financing for Afghanistan Emergency Food Security" Project (EFSP)] in Dahsalah, Tala wa Barfak, Pul-e-khumri, Burka and Jilga of Baghlan province.

Specification Gabion wires:

- The contractor must bring the license for Gabion wires.
- The gabion wires must be anti-corrosion and galvanized with the highest quality.
- The diameter of the gabion wires must be between 2.7 mm and 3 mm, and 3.8 mm to 4 mm
- The gabion wires should be soft (Galvanized mild steel wire) and easy to bend and weave.
- The gabion wire's technical test should be done by supplier.
- Before the gabion wires delivery; the test result must be approved by the donor of the project.

Specification wire technical test:

The bellow tests should be performed:

- **Physical test** for 3mm and 4mm wires: Outside Diameter in mm, Dia for stripped wire in mm, Zinc thickness in mm, Weight before and after Wash (gr).
- Weight of zinc coating (g/m^2).
- The zinc quantity for the (2.7-3) mm should not be less than (260gr/m^2), Acted will weave the gabion mesh with size (80x100) mm.
- The zinc quantity for the (3.8 to 4) mm should not be less than (275gr/m^2).
- **Tensile Strength**

The contractor provides the gabion wires according to the quantities and deliver to the Acted's sub-office (Dahsalah, Tala wa Barfak, Pul-e-khumri, Burka and Jilga) districts.

Name & sign of Engineer.

Name & sign of contractor