



CPS



IRRIGATION SYSTEM OF VILCANCHOS

CONTRACT DATA

ADMINISTRATIVE INFORMATION

TYPE OF CONTRACT:

Work Consulting Service.

NAME OF CONTRACT:

ELABORATION OF THE TECHNICAL FILES OF THE PROJECT "WATER INSTALLATION SERVICE OF THE WATER IRRIGATION SYSTEM OF VILCANCHOS, ESPITE, SAN JACINTO, SAN MIGUEL, DISTRICT OF VILCANCHOS – VICTOR FAJARDO – AYACUCHO"

LOCATION: Vilcanchos-Victor Fajardo-Ayacucho-Perú**CONSULTING FIRM:**

CPS Ingenieros, Obra Civil y Medio Ambiente, S.L.

BUDGET: S/. 655,718.24 (Inc. IGv)**WORK BUDGET:** S/. 32'430,033.64 (Inc. IGv)**CLIENT:** Ministerio de Agricultura y Riego – Programa Subsectorial de Irrigaciones**DATE (BEGINNING-END):** Abril 2015-Febrero 2017.

TECHNICAL INFORMATION

Earth Movements:Excavation: 174,303.31 m³

Fill Material:

110,802.47m³Elimination: 56,647.10 m³**Earth Dam with fill material (length 297 and a crest width of 8 m) and conduction of 22.74 km of buried pipes****Reservoir Capacity (4,024 amsl):** 470,814.m³**Length of main canals:** 6,365.54 m

Length of secondary canals: 13,175.66 m

Length of third canals: 3,201.09 m

Area of irrigation system: 250 Ha

Fields:

Potatoes, wheat, barley, beans, corn, peas, oats

WORK OBJECTIVE

Currently within the work zone, the crops only produce in one season, with low yields due to a lack of water and low applications of cultivation techniques. On the other hand, there are lands with agricultural availability that are not exploited due to the uncertainty of having irrigation water to cultivate the agriculture field and the land is almost entirely dry year round.

The objective of the consulting contract is to design a water irrigation system that supplies readily available water all year long, ensuring the use of the soil and improving the agricultural production of the benefitting populations.

COMPLETED TASKS

- Hydrological and Hydraulic Studies
- Geological Study - Geotechnical soil and sediment characterization
- Agrological Study
- Dam design and complementary works of art.
- Outline of the piping canals
- Permits management before the competent authorities in the environmental and culture areas.
- Elaboration of reports

PREVIOUS STATE



Photo of the lagoon to be dammed – Current State

