

DESALINATION PLANTS



MASOUD & ALI
CONTRACTING COMPANY
شركة مسعود و علي للمقاولات



SHORT TERM LOW VOLUME(SLVT) DESALINATION PLANT – DAYR AL BALAH

CLINT
CMWU

DONOR
EUROPEAN UNION

ENGINEER
UNIVERSAL GROUP/
ARTILIA

STARTING DATE
JAN 2015

COMPILATION DATE
DEC 2017

PROJECT VALUE
\$ 5,549,295

DESCRIPTION

The desalination plant is designed to produce 6,000 m³/day capacity and is intended to serve about 75.000 people in two target areas; “Tal Sultan” in the Rafah governorate and “Al-Amal” in the Knanyounis governorate. The 6,000 m³ of desalinated water will be transferred to two storage tanks located in the two target areas where treated water will be blended with approximately equal quantity of municipal water Mediterranean Sea will be used as water source. The sub systems of the plant are; Beach well transfer, Multimedia filters, Reverse Osmosis, Clean in Place, Re-mineralization, and neutralization.