



Client: Ministry of Work  
Location: Tubli STP, Bahrain  
Ref. No.: BAH/2005/03/007

## 007 – REPLACEMENT OF ELECTROMAGNETIC FLOW METER

### Background

Tertiary Treatment Plant's Balancing Tank Lift Station (BTLS) Discharge Electromagnetic Flow meter DN1200 was malfunctioning with regular water leakages and was not recording accurate data. It was decided by the client to seek replacement solution. Cellmec being a local company, was short listed to supply, install, test and commission the new unit.

### Case Study

Detailed drawings are prepared by Mechanical Engineering Department and team was mobilized. Development of a complete comprehensive method statement for every step of the replacement work that required the removal of the existing flow meter from discharge line of BTLS and installation of new flow meter was agreed with the client. The project was completed within the time schedule (8 Hours) to the entire satisfaction of the Ministry of Work Engineers

**“A collaborative approach delivers complex project on time”**

