

Tender No. 01/2016

Automatic Street Lighting Control and Operation System at

Duqm

Brief description of Works:

1. Automatic control system will control from server all the luminaire switching, dimming power monitoring, maintenance status etc.
2. Design, procurement, installation, programming, testing and commissioning of the Automatic Control System for the operation and maintenance of the existing HPSV street lighting luminaires including, but not limited to the following :----
 - a. Syra Devices/ any equivalent devices at lighting pole to control luminaire & communicate with feeder pillar through power line communication.
 - b. Andros controllers/ any equivalent system at each feeder pillar to control & communicate with each luminaire and server at central control room server through power line communication and GSM
 - c. MINOS system server/ any equivalent server to interface with feeder pillar & luminaire through GSM.
 - d. LED desktop screen for real-time display of street light control system with all power monitoring parameters.
 - e. GRP enclosures to install Andros controllers/ any equivalent in case of insufficient space
3. Operation & Maintenance of street lighting control system for 2years and 10 years full warranty for control system and control devices.