

- 1.WIRELESS SUB METERING AND MONITORING SYSTEM BASIS OF DESIGN:THE DOMESTIC WATER SUB-METERING SYSTEM SHALL BE PROVIDED BY H2O DEGREE. THE METER SHALL BE EQUIPPED WITH A DRY CONTACT PULSE OUTPUT AND COMPLY WITH ALL H2O DEGREE REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO:
- a.HOURLY OR DAILY WATER METER READINGS SHOULD BE SENT FROM THE WATER METERS IN INDIVIDUAL APARTMENTS WITH THE USE OF THE WIRELESS SUB-METERING SYSTEM
 - b.WIRELESS COMMUNICATION SHALL OCCUR BETWEEN A RADIO AND GATEWAY, CONNECTED TO A WATER METER AND THE WSMMS CLOUD. THE GATEWAY AND RADIOS SHALL REQUIRE NO ONSITE CONFIGURATION BY INSTALLER.
 - c. THE DATA FROM THE GATEWAY SHOULD BE RETRIEVABLE AUTOMATICALLY VIA AN INTERNET CONNECTION.
 - d.THE SYSTEM MUST UTILIZE BI-DIRECTIONAL WIRELESS COMMUNICATION TECHNOLOGY (I.E. LoRaWAN RADIO FREQUENCY BASED) AND SHOULD COMPLY WITH CURRENT OPEN LoRaWAN STANDARDS.
 - e.THE WIRELESS SMART-METERING EQUIPMENT SHOULD SUPPORT MULTIPLE BILLING COMPANIES (OFTEN CALLED READ, BILL AND COLLECT - RBC)
 - f. DAILY LEAK REPORTS AND AUTOMATED ALERTS SENT TO OWNER

