



# Bid Specifications

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<b>Subject:</b> SL Series Tank Level Monitor Bid Specifications – 5 LED Mini Slave Water Unit			

## 5-LED Remote Cab-Mounted Slave Water Tank Level Monitor

An Innovative Controls SL Series Tank Level Monitor remote cab-mounted mini slave display shall be installed. The system shall include an electronic display module and an extension cable. The display module shall show the volume of water in the tank using 5 easy-to-see LEDs that automatically dim and brighten as the ambient light in the cab changes. Tank level indication is enhanced by the use of a green LED at the full level, amber LEDs at the  $\frac{3}{4}$ ,  $\frac{1}{2}$  and  $\frac{1}{4}$  tank levels, and a red LED at the empty level. The electronic display module shall be waterproof and shock resistant being encapsulated in a urethane-based potting compound. The potted display module shall be in a panel-mount enclosure with a durable easy-to-read polycarbonate insert featuring blue graphics and a water icon.

The remote slave display shall receive input data from an Innovative Controls SL Series master display unit and mirror its function. Low tank level warnings shall include flashing a red LED starting below the  $\frac{1}{4}$  level, down-chasing LEDs when the tank is almost empty.

All wiring, cables and connectors shall be waterproof without the need for sealing grease.

**Location of remote water tank level monitor shall be:**