

## REQUEST FOR INFORMATION

Date:	February 18, 2010	Project Name:	Western Municipal Water District
To:	Bidding Contractors	Project No.:	IRV09-6022-01
		From:	Nelson J. Tello
RFI Title:	Low Voltage - RFI #25	Copies To:	Western Municipal Water District Website/File

---

### INFORMATION REQUESTED:

#### Item No. 1:

1. On 16751-12 item g. it state that a cable puller is to be used for anything over 50feet . This is in direct violation with AMP installation practices for horizontal cable as well as EIA/TIA standards. Can you please clarify the intent here ?
2. tem h on same section it states that we must test the tension of the cable on every run . IS this what you want done as it means that we cannot pull multiple runs as the same time which would almost triple the labor involved with this project. Please clarify this looks like a OSP spec .
3. In section 3.02 Handling of cable section A on page 16751-13 it discuss using black tape to seal the ends this is typical for a OSP application and is not necessary when working with copper in a inside plant application. Please clarify .
4. On page 16751-6 You reference corning cable systems for the fiber for the project. Must be able to provide a EWP warranty . Since there is such a small amount of fiber on the job Can we substitute AMP fiber and roll that under the system warranty for the project ?
5. On Page 16751-16 section 3.07 testing . IS the cable to be tested to 500mhz prior to installation or after ? Please Clarify .

---

[waremalcomb.com](http://waremalcomb.com)

11801 pierce street  
2nd floor  
riverside. california 92505  
p 909.235.5080

# WARE MALCOMB

architecture

planning

interiors

## Response:

1. Section 16751 is a specification document that is inclusive of campus/outside plant installation – since the WMWD building is just station/horizontal cabling with some interior riser/backbone additions, the outside wiring-install portions of the spec would not be applicable. Accordingly, the “cable puller” requirement is not applicable.
2. Again, the tension-testing of cable during installation – more-appropriate for outside wire - is not required for this interior building work.
3. And again, the moisture-proofing by use of tape on the cut cable ends is appropriate only for outside work – and is not required for this interior dry building work.
4. That is OK – we Take No Exceptions.
5. The UTP cable/connecting hardware is Category 6, and is required to meet or exceed ANSI/TIA-568-B.2-1/C.2 requirements. This requires acceptance testing and associated documentation – to confirm performance after installation – to 250MHz [typically not 500 Mhz].

Dan Quon  
OMB Electrical Engineers