

MEETING ROOM CARD ACCESS SYSTEM

2018-07-26

ADDENDUM NO. 3

This Addendum supplements, amends, and clarifies the Bid Documents dated July 13, 2018 for the HCCC Meeting Room Card Access System / Security Upgrades project and the Addendum No. 1 posted on July 23, 2018 and Addendum No. 2 posted on July 25, 2018.

Include this Addendum with your bid submittal to indicate that your bid includes the terms of this Addendum. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of written information, graphic information will be provided in an email to the attendee's email provided in the mandatory bid meeting. The information is summarized as follows:

- 1.) Addendum #1 calls for EMT to be installed and painted for areas with non-solid ceilings. Is this accurate or can we use black wire loom to cover the cables as we have in the past. EMT is going to make this work very costly and potentially require another walk-thru to properly estimate. Would the bid date be extended for this purpose?

Black wire loom tubing is an acceptable solution, and the Windy City Wire is acceptable if available in green. Please see next page for Windy City Wire Specifications.

- 2.) Addendum #1 states that it includes "written and graphic information", however I only see written. Will there be any drawings released?

Yes, drawings will be sent via email to the individuals that attended the Mandatory Pre-Bid Meeting.

- 3.) Addendum #1 adding conduit in the exposed areas, will there be a second opportunity to view the site if necessary?

Yes, a second walk through may be arranged through mcampo@clevelandconventions.com

Security/Access Control SmartWire™

UL Listed and Rated Type CMP
Plenum Composite Cable

P/N ZENCOMP1 - Element 1: 18 AWG 4 Conductor Non-Shielded; Element 2: 22 AWG 3 Pair Shielded; Element 3: 22 AWG 4 Conductor Non-Shielded; Element 4: 22 AWG 3 Pair Shielded Plenum Composite Cable

Description	Elem1: 18 AWG 4 Conductor Bare Copper Elem2: 22 AWG 3 Pair OAS Bare Copper Elem3: 22 AWG 4 Conductor Bare Copper Elem4: 22 AWG 3 Pair OAS Bare Copper Plenum Composite Cable, UL C(UL) CMP
Conductor Description	Element 1: 18 (7/.0152) Bare Copper Element 2,3,4: 22 (7/.0096) Bare Copper
Insulation	All Elements: .008" Low Smoke PVC
Color Code	Element 1: Black/Red/White/Green Element 2: Black/Red, White/Green, Brown/Blue Element 3: Black/Red/White/Green Element 4: Black/Red, White/Green, Brown/Blue
Shield	Element 1, 3: N/A Element 2, 4: Overall Aluminum Mylar
Drain Wire	Element 1, 3: N/A Element 2, 4: 24 AWG 7 Strand Tinned Copper
Jacket	Inner Jackets: All Elements: Low-Smoke PVC .018" Outer Jacket: Low-Smoke PVC .018" Apple Green
Marking	Elem1: LOCK CABLE A B C D E 0 1 2 3 4 5 6 7 8 9 Elem2: CARD READER 1 A B C D E 0 1 2 3 4 5 6 7 8 9 Elem3: DOOR CONTROL A B C D E 0 1 2 3 4 5 6 7 8 9 Elem4: CARD READER 2 A B C D E 0 1 2 3 4 5 6 7 8 9 Outer Jacket: "ZENITH SYSTEMS LLC" ACCESS CONTROL CABLE A B C D E 0 1 2 3 4 5 6 7 8 9 UL C(UL) CMP ROHS MADE IN THE USA
Overall Diameter	Elem1: .184" Nom. Elem2: .207" Nom. Elem3: .145" Nom. Elem4: .207" Nom. Outer Jacket: .450" Nom.
Conductor DCR	Elem 1: 6.66 Ohms/Mft. Elem 2, 3 & 4: 16.9 Ohms/Mft.
Capacitance	Elem 1: 27 pF/Ft. Nom. Elem 2, 4: 51 pF/Ft. Nom. Elem 3: 20 pF/Ft. Nom.
Impedance	Elem 1: 70 Ohms/Mft. Elem 2, 4: 27 Ohms/Mft. Elem 3: 94 Ohms/Mft.
Temperature & Voltage Rating	75 C / 300 Volt
Cable Weight	115 Lbs/Mft.



Flame Rating:

Approved For Plenum Use Without Conduit Per NFPA 262 Flame Test

Agencies Approvals:

NEC Article 800; UL C(UL) CMP, RoHS Compliant, Made in the USA