



LIVONIA PUBLIC SCHOOLS

BID PACKAGE T17 - BOARD ROOM AUDIOVISUAL

JUNE 18, 2019

TECHNOLOGY SYMBOL LEGEND:

- ◀ TP TOUCH PANEL LOCATION - MOUNT AT 54" AFF - CONTRACTOR PROVIDED PATHWAY OR RACEWAY AND BACK BOX.
- ◀ A ◀ B ◀ C INPUT LOCATION, DESIGNATED BY A, B, C, ETC. - CONTRACTOR PROVIDED PATHWAY OR RACEWAY AND BACK BOX.
- ◀ D ◀ E
- TV → CEILING MOUNTED CRT TELEVISION
- TV | WALL MOUNTED CRT TELEVISION
- LCD WALL MOUNTED FLAT PANEL DISPLAY
- LCD CEILING MOUNTED FLAT PANEL DISPLAY
- Ⓢ CEILING MOUNTED SPEAKER

GENERAL TECHNOLOGY NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. CONTRACTORS SHALL PROVIDE ALL INCIDENTAL MATERIALS AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
2. FIELD VERIFY LOCATIONS, CONDITIONS AND LENGTHS PRIOR TO INSTALLATION.
3. EACH CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN PENETRATIONS, SLEEVES, AND CORES WITH FIRESTOPPING. SLEEVES AND CORES SHALL BE USED THROUGH ALL WALLS AND FLOORS AND SHALL HAVE NYLON BUSHINGS.
4. EACH CONTRACTOR SHALL PROVIDE FIRESTOPPING ON CONDUITS PASSING THROUGH WALLS AND FLOORS. CONTRACTOR SHALL INSTALL FIRESTOPPING ON ANY CONDUITS WHERE CABLES ARE REMOVED OR DISTURBED DURING DEMOLITION
5. EACH CONTRACTOR SHALL COORDINATE TELECOMMUNICATION/AUDIOVISUAL ROOM LAYOUTS WITH BARTON MALOW AND ALL IMPACTED CONTRACTORS PRIOR TO INSTALLATION.
6. EACH CONTRACTOR SHALL PROVIDE FACEPLATES AND INSERTS FOR THEIR DEVICES.
7. UNLESS NOTED OTHERWISE, CONTRACTOR TO PROVIDE AND INSTALL ALL SURFACE MOUNTED BOXES, SINGLE-CHANNEL RACEWAYS, FACEPLATES AND ACCESSORIES..
8. COORDINATE ELECTRICAL REQUIREMENTS WITH BARTON MALOW AND THE OWNER.
9. COORDINATE MOUNTING HEIGHTS OF DISPLAYS WITH BARTON MALOW AND THE OWNER PRIOR TO INSTALLATION.

AUDIOVISUAL SYSTEM NOTES:

1. INSTALL ALL EQUIPMENT AND ACCESSORIES ACCORDING TO THE MANUFACTURER'S GUIDELINES, INDUSTRY STANDARDS, AND ACCEPTED BEST PRACTICES.
2. ALL HDMI SIGNAL TRANSMISSION SYSTEMS SHALL SUPPORT HDMI2.2 STANDARDS AND HDCP2.2.

DRAWING INDEX

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TECHNOLOGY GENERAL DEMOLITION NOTES:

1. DEMOLITION WORK INDICATED ON THE DRAWINGS ARE CONCEPTUAL. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL ITEMS RELATED TO THE EXISTING SYSTEM (e.g. EQUIPMENT, CABLING, RACEWAY, SUPPORTS, ETC.) IN ORDER TO REMOVE ABANDONED SYSTEMS OR ACCOMPLISH THE INSTALLATION OF THE SPECIFIED NEW WORK.
2. EXAMINE EXISTING CONDITIONS AND EXTENT OF DEMOLITION WORK PRIOR TO BID SUBMISSION.
3. CONTRACTOR SHALL PROVIDE INCIDENTAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THEIR WORK, WHETHER OR NOT SPECIFICALLY INDICATED.
4. PROVIDE PROPER SUPPORT TO EXISTING UNSUPPORTED CABLES WHERE CEILINGS ARE TO BE REMOVED. REROUTE EXISTING CABLES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT.
5. CABLES TO BE ABATED SHALL BE REMOVED TO THEIR SOURCE AND ANY CORRESPONDING LABELS REMOVED FROM THE EQUIPMENT OR TERMINATION POINT. REMOVE THE CORRESPONDING PATCH/TIE CABLE TO THE SOURCE EQUIPMENT.
6. ABANDONED MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATION AND AS SPECIFIED IN THE PROJECT MANUAL. THE BASE BID SHOULD REFLECT SAVINGS BASED ON ANY ITEMS WITH RESIDUAL VALUE/TRADE-IN CREDIT/ETC.
7. EQUIPMENT TO BE TURNED OVER TO THE OWNER SHALL BE DELIVERED TO A CENTRAL LOCATION. EQUIPMENT SHALL BE CLEAN AND ORGANIZED. PROVIDE AN INVENTORY OF SALVAGED EQUIPMENT.
8. PROVIDE BLANK FACEPLATES FOR ABANDONED LOCATIONS WHERE THE RACEWAY OR CONDUIT WILL REMAIN AFTER DEMOLITION.
9. PATCH EXISTING PENETRATIONS AND TECHNOLOGY EQUIPMENT MOUNT HOLES AFTER DEMOLITION AND PREP FOR PAINTING.

Barton Malow

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