WAYNE STATE UNIVERSITY
Facilities Planning & Management - Design & Construction Services

CSC TELECOM ELECTRICAL UPGRADE
VOIP - Phase 2A Includes: 048 Cohn, 026 Purdy Library, 027 Kresge Library, 034 Student Center, 155 Alex Manoogian, 001 Old Main

WSU PROJECT NO. 193 - 2 4 8 4 5 2
B I D S September 30, 2015

027 - Kresge Library
5294 Gullen Mall
Detroit, Michigan 48202

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Project Location: Kresge Library

Site Plan Campus Map
VOIP - PHASE 2 Building and Rooms

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NOTE: HEIGHT OF SECOND FLOOR TO THIRD FLOOR IS 10'-4".

SCOPE OF WORK

The contractor shall provide labor and materials for the following scope of work:

1. PROVIDE 30 AMP 230 VOLT 3-PHASE SINGLE PHASE W/ GROUND FROM EXISTING RECEPTACLE PANEL TERMINATED INTO A LEED NEW RECEPTACLE IN 17 GLOMTE (AS DESIGNATED IN VOIP - PHASE 2 BUILDINGS AND ROOM SCHEDULE 1) COMPLETE WITH DISCONNECTED OUTLET IN 17 GLOMTE. EXACT LOCATION OF LEAD-IN CABLE TO BE FIELD COORDINATED WITH 6 FT. ELECTRICAL CONTRACTOR TO INSTALL DUAL-PURPOSE 3-PHASE PANEL, EXACT LOCATION TO BE FIELD COORDINATED WITH 6 FT.

2. THE CONTRACTOR SHALL REWORK EXISTING CIRCUITS IN RECEPTACLE PANELS TO ALLOW FOR THE INSTALLATION OF ONE (1) 30 AMP, 1 POLE CIRCUIT BREAKER.

3. PROVIDE 30 AMP 230 VOLT IN ELECTRICAL ROOM AND THE DATA ROOM. BETWEEN THE ROOMS ABOVE THE CEILING WILL BE 1/2" 2 CONDUCTOR MC CABLE AND PROPERLY SUPPORTED.

4. INSTALL A 1/2" 2 COPPER NON-FRARED JUNCTION BOX IN DATA ROOM NEXT TO A 1/2" 2 COPPER NON-FRARED RECEPTACLE.

5. THE CONTRACTOR SHALL PROPERLY FIRE STOP ALL PENETRATIONS RELATED TO THEIR WORK.

6. ALL WORK TO BE COMPLETED MONDAY THROUGH FRIDAY FROM 8:00 AM TO 3:30 PM.

7. IF RECEPTACLE PANEL "MR" IS FULL, THE CONTRACTOR SHALL LOCATE AN ALTERNATE RECEPTACLE PANEL UPSTAIRS OF THE DATA ROOM.

8. THE CONTRACTOR SHALL PROVIDE A LABEL WITH THE RECEPTACLE PANEL DESIGNATION AND CIRCUIT NUMBER AT THE DEVICE.

9. AT THE RECEPTACLE PANEL AND INSTALL LABELS FOR ALL CHANGES AND THE 1 POLE BREAKER FEEDING THE DATA CIRCUIT.

10. THE CONTRACTOR SHALL PROVIDE ALL NEW 2 POLE AND 1 POLE CIRCUIT BREAKERS TO MATCH EXISTING PANELS AND SWITCHES.

11. RECEPTACLE PANEL DESIGNATION ON THE DRAWINGS IS NOT NECESSARILY THE RECEPTACLE PANEL DESIGNATION IN THE FIELD. FOR LABELED USE THE RECEPTACLE PANEL DESIGNATION IN THE FIELD.

12. ALL CONDUIT TO BE ABOVE PUNCHED CEILINGS. EXISTING CEILINGS ARE EITHER OPEN OR LAY IN OR LOW.