



SHIEL SEXTON

ADDENDUM

Addendum No: 2

Project: UNC Charlotte IT Infrastructure Upgrades

State Project No: 18-19671-02A

Date: April 22, 2020

By: Tim Marsh, Shiel Sexton Co.

This addendum is issued and to be included as part of the bid documents. This Addendum includes:

Supplemental Information To Bidders

1. For confirmation: Bids are due at 1:30pm on Thursday April 30th
 - a. Mailed sealed proposals should be sent to Attn: Kathy Fisher, Facilities Operations and Parking Services building, 9643 Poplar Lane, Charlotte, NC 28223.
 - b. Hand delivered bids shall be dropped in the white Drop Box located next to the Motor Fleet parking spaces in Lot 25 (second left entrance on Poplar Lane) in front of the Facilities Operations and Parking Services building (#92 on the campus map).
2. General Trades Package 01A : Include floor protection required for all existing space corridors. Include hard surface protection tape that can be found on www.uline.com, model number S-12213. Assume a 48" walking path for all walkways where work will be going on.
3. Updated Bid Schedule Attached.
4. Updated Bid Forms Attached
 - a. 01A General Trades-Addendum 2
 - b. 23A HVAC – Addendum 2
 - c. 26A Electrical – Addendum 2
 - d. 27A Telecommunications – Addendum 2
5. Contractor Questions and Clarifications Attached.

END OF SHIEL SEXTON ADDENDUM 2

| Line | Act. ID | Activity Name | Dur. | Start | Finish | 2020 | | | | | | | | | | | |
|--|---------|---|------|---------|---------|---|-----|------|------|--------|-----------|--|--|--|--|--|--|
| | | | | | | Apr | May | June | July | August | September | | | | | | |
| 1 Project Milestones | | | | | | | | | | | | | | | | | |
| 2 | 0011 | Bid Date | 0d | 28Apr20 | 28Apr20 | ◆ Bid Date | | | | | | | | | | | |
| 3 | 1880 | Start Construction | 0d | 18May20 | 18May20 | ◆ Start Construction | | | | | | | | | | | |
| 4 | 1181 | Storrs Hall Complete | 0d | 27Jul20 | 27Jul20 | ◆ Storrs Hall Complete | | | | | | | | | | | |
| 5 | 1182 | Rowe Hall Complete | 0d | 14Aug20 | 14Aug20 | ◆ Rowe Hall Complete | | | | | | | | | | | |
| 6 | 1183 | Reese Hall Complete | 0d | 14Aug20 | 14Aug20 | ◆ Reese Hall Complete | | | | | | | | | | | |
| 7 Construction | | | | | | | | | | | | | | | | | |
| 8 Storrs Hall (Base Bid) | | | | | | | | | | | | | | | | | |
| 9 Phase I | | | | | | | | | | | | | | | | | |
| 10 Floor 1 | | | | | | | | | | | | | | | | | |
| 11 | 3720 | Install Access Panels | 10d | 18May20 | 01Jun20 | █ Install Access Panels | | | | | | | | | | | |
| 12 | 4410 | Low Voltage / Comm Wiring | 40d | 18May20 | 14Jul20 | █ Low Voltage / Comm Wiring | | | | | | | | | | | |
| 13 Floor 2 | | | | | | | | | | | | | | | | | |
| 14 | 3730 | Install Access Panels | 10d | 18May20 | 01Jun20 | █ Install Access Panels | | | | | | | | | | | |
| 15 | 3740 | Low Voltage / Comm Wiring | 40d | 18May20 | 14Jul20 | █ Low Voltage / Comm Wiring | | | | | | | | | | | |
| 16 Room 130C (New IT Closet) | | | | | | | | | | | | | | | | | |
| 17 | 1221 | Owners Personnel Move-Out | 1d | 14May20 | 14May20 | █ Owners Personnel Move-Out | | | | | | | | | | | |
| 18 | 1270 | Remove Existing Equipment | 1d | 15May20 | 15May20 | █ Remove Existing Equipment | | | | | | | | | | | |
| 19 | 1271 | Electrical Make Safe | 1d | 18May20 | 18May20 | █ Electrical Make Safe | | | | | | | | | | | |
| 20 | 1290 | Demolition and Removal | 2d | 18May20 | 19May20 | █ Demolition and Removal | | | | | | | | | | | |
| 21 | 2940 | Install New IDU & MEP Connections | 10d | 19May20 | 02Jun20 | █ Install New IDU & MEP Connections | | | | | | | | | | | |
| 22 | 3600 | Electrical Rough Ins | 10d | 19May20 | 02Jun20 | █ Electrical Rough Ins | | | | | | | | | | | |
| 23 | 1310 | Sawcut & Remove Portion of Exterior CMU Wall for New Door | 2d | 20May20 | 21May20 | █ Sawcut & Remove Portion of Exterior CMU Wall for New Door | | | | | | | | | | | |
| 24 | 1313 | Hang FRT Plywood | 1d | 22May20 | 22May20 | █ Hang FRT Plywood | | | | | | | | | | | |
| 25 | 1320 | Install New Door & Frame | 2d | 26May20 | 27May20 | █ Install New Door & Frame | | | | | | | | | | | |
| 26 | 3610 | Paint | 2d | 28May20 | 29May20 | █ Paint | | | | | | | | | | | |
| 27 | 3350 | Fire Protection | 1d | 03Jun20 | 03Jun20 | █ Fire Protection | | | | | | | | | | | |
| 28 | 1590 | Install New Lights | 1d | 03Jun20 | 03Jun20 | █ Install New Lights | | | | | | | | | | | |
| 29 | 3620 | Seal Existing Concrete Floor | 2d | 04Jun20 | 05Jun20 | █ Seal Existing Concrete Floor | | | | | | | | | | | |
| 30 | 3630 | Install Rubber Base | 1d | 08Jun20 | 08Jun20 | █ Install Rubber Base | | | | | | | | | | | |
| 31 | 1580 | Install New IT Equipment & Accessories | 1d | 09Jun20 | 09Jun20 | █ Install New IT Equipment & Accessories | | | | | | | | | | | |
| 32 | 1581 | Punch & Final Clean | 3d | 10Jun20 | 12Jun20 | █ Punch & Final Clean | | | | | | | | | | | |
| 33 | 1890 | Owners Personnel Move-In | 1d | 20Jul20 | 20Jul20 | █ Owners Personnel Move-In | | | | | | | | | | | |
| 34 Room 174 (Classroom & IT Closet) | | | | | | | | | | | | | | | | | |
| 35 | 3020 | Owners Personnel Move-Out | 1d | 14May20 | 14May20 | █ Owners Personnel Move-Out | | | | | | | | | | | |
| 36 | 3030 | Remove Existing Equipment | 1d | 15May20 | 15May20 | █ Remove Existing Equipment | | | | | | | | | | | |
| 37 | 3031 | Electrical Make Safe | 1d | 15May20 | 15May20 | █ Electrical Make Safe | | | | | | | | | | | |
| 38 | 3032 | Electrical Rough Ins | 10d | 18May20 | 01Jun20 | █ Electrical Rough Ins | | | | | | | | | | | |
| 39 | 3050 | Install New IDU & MEP Connections | 10d | 18May20 | 01Jun20 | █ Install New IDU & MEP Connections | | | | | | | | | | | |
| 40 | 3070 | Demolition & Removal | 3d | 18May20 | 20May20 | █ Demolition & Removal | | | | | | | | | | | |
| 41 | 3450 | MEP Above Ceiling Rough Ins | 5d | 21May20 | 28May20 | █ MEP Above Ceiling Rough Ins | | | | | | | | | | | |
| 42 | 1610 | Frame New Metal Stud Wall | 1d | 21May20 | 21May20 | █ Frame New Metal Stud Wall | | | | | | | | | | | |
| 43 | 1620 | In Wall MEP Rough Ins | 4d | 22May20 | 28May20 | █ In Wall MEP Rough Ins | | | | | | | | | | | |
| 44 | 1630 | In Wall Inspections | 2d | 29May20 | 01Jun20 | █ In Wall Inspections | | | | | | | | | | | |
| 45 | 1611 | Hang & Finish Drywall | 5d | 02Jun20 | 08Jun20 | █ Hang & Finish Drywall | | | | | | | | | | | |
| 46 | 1612 | Prime & Paint | 1d | 09Jun20 | 09Jun20 | █ Prime & Paint | | | | | | | | | | | |
| 47 | 3250 | Hang FRT Plywood | 1d | 09Jun20 | 09Jun20 | █ Hang FRT Plywood | | | | | | | | | | | |
| 48 | 3111 | Install New ACT Ceiling Grid | 3d | 10Jun20 | 12Jun20 | █ Install New ACT Ceiling Grid | | | | | | | | | | | |
| 49 | 1621 | MEP In Grid | 2d | 15Jun20 | 16Jun20 | █ MEP In Grid | | | | | | | | | | | |
| 50 | 3360 | Fire Protection Modification | 2d | 15Jun20 | 16Jun20 | █ Fire Protection Modification | | | | | | | | | | | |
| 51 | 3460 | Above Ceiling MEP Inspections | 2d | 17Jun20 | 18Jun20 | █ Above Ceiling MEP Inspections | | | | | | | | | | | |
| 52 | 3640 | Install Ceiling Tile | 2d | 19Jun20 | 22Jun20 | █ Install Ceiling Tile | | | | | | | | | | | |
| 53 | 3110 | Install Carpet Tile | 2d | 23Jun20 | 24Jun20 | █ Install Carpet Tile | | | | | | | | | | | |
| 54 | 3660 | Seal Existing Concrete Floor | 2d | 25Jun20 | 26Jun20 | █ Seal Existing Concrete Floor | | | | | | | | | | | |



UNCC IT Upgrade

Project Schedule

Run Date: 4/15/2020
Progress Date: 2/3/2020

Page 1 of 5

| Line | Act. ID | Activity Name | Dur. | Start | Finish | Apr | May | June | 2020 July | August | September |
|-----------|---|---|------|---------|---------|-----|---|------|--|----------------------------|-----------|
| 55 | 3130 | Install New IT Equipment & Accessories | 1d | 29Jun20 | 29Jun20 | | | | █ Install New IT Equipment & Accessories | | |
| 56 | 3131 | Rubber Base | 1d | 29Jun20 | 29Jun20 | | | | █ Rubber Base | | |
| 57 | 3150 | Punch & Final Clean | 4d | 30Jun20 | 06Jul20 | | | | █ Punch & Final Clean | | |
| 58 | 3160 | Owners Personnel Move-In | 1d | 20Jul20 | 20Jul20 | | | | | █ Owners Personnel Move-In | |
| 59 | Room 230 (Print Lab & IT Closet) | | | | | | | | | | |
| 60 | 1920 | Owners Personnel Move-Out | 1d | 14May20 | 14May20 | | █ Owners Personnel Move-Out | | | | |
| 61 | 1330 | Remove Existing Equipment | 1d | 15May20 | 15May20 | | █ Remove Existing Equipment | | | | |
| 62 | 3280 | Electrical Make Safe | 1d | 15May20 | 15May20 | | █ Electrical Make Safe | | | | |
| 63 | 1331 | Demolition & Removal | 3d | 18May20 | 20May20 | | █ Demolition & Removal | | | | |
| 64 | 1332 | Install New IDU & MEP Connections | 10d | 18May20 | 01Jun20 | | █ Install New IDU & MEP Connections | | | | |
| 65 | 1333 | Install New ODU 1 & 2 on Roof & MEP Connections | 10d | 18May20 | 01Jun20 | | █ Install New ODU 1 & 2 on Roof & MEP Connections | | | | |
| 66 | 1360 | Sawcut & Remove Portions of Existing CMU Walls | 1d | 18May20 | 18May20 | | █ Sawcut & Remove Portions of Existing CMU Walls | | | | |
| 67 | 4370 | Electrical Rough Ins | 14d | 02Jun20 | 19Jun20 | | █ Electrical Rough Ins | | | | |
| 68 | 3170 | Frame New Metal Stud Wall | 2d | 22Jun20 | 23Jun20 | | █ Frame New Metal Stud Wall | | | | |
| 69 | 1412 | In Wall MEP Rough Ins | 2d | 24Jun20 | 25Jun20 | | █ In Wall MEP Rough Ins | | | | |
| 70 | 3470 | MEP Above Ceiling Rough Ins | 2d | 24Jun20 | 25Jun20 | | █ MEP Above Ceiling Rough Ins | | | | |
| 71 | 1413 | In Wall MEP Inspections | 1d | 26Jun20 | 26Jun20 | | █ In Wall MEP Inspections | | | | |
| 72 | 3190 | Hang & Finish Drywall | 7d | 29Jun20 | 08Jul20 | | █ Hang & Finish Drywall | | | | |
| 73 | 3200 | Prime & Paint | 2d | 09Jul20 | 10Jul20 | | █ Prime & Paint | | | | |
| 74 | 3240 | Hang FRT Plywood | 1d | 09Jul20 | 09Jul20 | | █ Hang FRT Plywood | | | | |
| 75 | 1411 | Install New ACT Ceiling Grid in Lab Area | 1d | 13Jul20 | 13Jul20 | | █ Install New ACT Ceiling Grid in Lab Area | | | | |
| 76 | 3370 | Fire Protection Modification | 2d | 14Jul20 | 15Jul20 | | █ Fire Protection Modification | | | | |
| 77 | 3670 | MEP In Grid | 3d | 14Jul20 | 16Jul20 | | █ MEP In Grid | | | | |
| 78 | 3480 | Above Ceiling MEP Inspections | 1d | 17Jul20 | 17Jul20 | | █ Above Ceiling MEP Inspections | | | | |
| 79 | 3680 | Install Ceiling Tile | 1d | 20Jul20 | 20Jul20 | | █ Install Ceiling Tile | | | | |
| 80 | 1720 | Seal Existing Concrete Floor | 1d | 21Jul20 | 21Jul20 | | █ Seal Existing Concrete Floor | | | | |
| 81 | 1410 | Install New Door | 1d | 22Jul20 | 22Jul20 | | █ Install New Door | | | | |
| 82 | 1721 | Install New Casework / Millwork | 2d | 22Jul20 | 23Jul20 | | █ Install New Casework / Millwork | | | | |
| 83 | 1730 | Install New IT Equipment & Accessories | 1d | 22Jul20 | 22Jul20 | | █ Install New IT Equipment & Accessories | | | | |
| 84 | 3690 | Install Rubber Base | 1d | 24Jul20 | 24Jul20 | | █ Install Rubber Base | | | | |
| 85 | 1900 | Punch & Final Clean | 2d | 24Jul20 | 27Jul20 | | █ Punch & Final Clean | | | | |
| 86 | 1910 | Owners Personnel Move-In | 1d | 28Jul20 | 28Jul20 | | █ Owners Personnel Move-In | | | | |
| 87 | Room 274 (Classroom) & 276 (IT Closet) | | | | | | | | | | |
| 88 | 3810 | Owners Personnel Move-Out | 1d | 14May20 | 14May20 | | █ Owners Personnel Move-Out | | | | |
| 89 | 4040 | Remove Existing Equipment | 1d | 15May20 | 15May20 | | █ Remove Existing Equipment | | | | |
| 90 | 4030 | Electrical Make Safe | 1d | 15May20 | 15May20 | | █ Electrical Make Safe | | | | |
| 91 | 4380 | Electrical Rough Ins | 10d | 18May20 | 01Jun20 | | █ Electrical Rough Ins | | | | |
| 92 | 4020 | Demolition & Removal | 3d | 18May20 | 20May20 | | █ Demolition & Removal | | | | |
| 93 | 4070 | Install New IDU & MEP Connections | 10d | 18May20 | 01Jun20 | | █ Install New IDU & MEP Connections | | | | |
| 94 | 4060 | Install New ODU 2 on Roof & MEP Connections | 10d | 18May20 | 01Jun20 | | █ Install New ODU 2 on Roof & MEP Connections | | | | |
| 95 | 3890 | Frame Metal Stud Wall | 2d | 21May20 | 22May20 | | █ Frame Metal Stud Wall | | | | |
| 96 | 3990 | In Wall MEP Rough Ins | 2d | 26May20 | 27May20 | | █ In Wall MEP Rough Ins | | | | |
| 97 | 3960 | MEP Above Ceiling Rough Ins | 2d | 26May20 | 27May20 | | █ MEP Above Ceiling Rough Ins | | | | |
| 98 | 3980 | In Wall MEP Inspections | 2d | 28May20 | 29May20 | | █ In Wall MEP Inspections | | | | |
| 99 | 3970 | Hang & Finish Drywall | 5d | 01Jun20 | 05Jun20 | | █ Hang & Finish Drywall | | | | |
| 100 | 3940 | Prime & Paint | 1d | 08Jun20 | 08Jun20 | | █ Prime & Paint | | | | |
| 101 | 3920 | Hang FRT Plywood | 1d | 08Jun20 | 08Jun20 | | █ Hang FRT Plywood | | | | |
| 102 | 3930 | Install New ACT Ceiling Grid in Computer Lab | 2d | 09Jun20 | 10Jun20 | | █ Install New ACT Ceiling Grid in Computer Lab | | | | |
| 103 | 3910 | Fire Protection Modifications | 2d | 11Jun20 | 12Jun20 | | █ Fire Protection Modifications | | | | |
| 104 | 3860 | MEP In Grid | 1d | 11Jun20 | 11Jun20 | | █ MEP In Grid | | | | |
| 105 | 3840 | MEP Above Ceiling Inspections | 2d | 12Jun20 | 15Jun20 | | █ MEP Above Ceiling Inspections | | | | |
| 106 | 3850 | Install Ceiling Tile | 2d | 16Jun20 | 17Jun20 | | █ Install Ceiling Tile | | | | |
| 107 | 3851 | Install Carpet Tile | 2d | 18Jun20 | 19Jun20 | | █ Install Carpet Tile | | | | |
| 108 | 3900 | Seal Existing Concrete Floor | 1d | 18Jun20 | 18Jun20 | | █ Seal Existing Concrete Floor | | | | |
| 109 | 3820 | Install New Casework/Millwork | 2d | 22Jun20 | 23Jun20 | | █ Install New Casework/Millwork | | | | |



UNCC IT Upgrade

Project Schedule

Run Date: 4/15/2020
Progress Date: 2/3/2020

| Line | Act. ID | Activity Name | Dur. | Start | Finish | 2020 | | | | | | | | | | | |
|--|---------|--|------|---------|---------|------|-----|------|------|--------|-----------|--|--|--|--|--|--|
| | | | | | | Apr | May | June | July | August | September | | | | | | |
| 110 | 3880 | Install New IT Equipment & Accessories | 1d | 22Jun20 | 22Jun20 | | | | | | | | | | | █ Install New IT Equipment & Accessories | |
| 111 | 3830 | Rubber Base | 1d | 24Jun20 | 24Jun20 | | | | | | | | | | | █ Rubber Base | |
| 112 | 1260 | Punch & Final Clean | 3d | 24Jun20 | 26Jun20 | | | | | | | | | | | █ Punch & Final Clean | |
| 113 | 3950 | Owners Personnel Move-In | 1d | 20Jul20 | 20Jul20 | | | | | | | | | | | █ Owners Personnel Move-In | |
| 114 Phase II | | | | | | | | | | | | | | | | | |
| 115 Room 222 (Computer Lab & Office) | | | | | | | | | | | | | | | | | |
| 116 | 1980 | Owners Personnel Move-Out | 1d | 14May20 | 14May20 | | | | | | | | | | | █ Owners Personnel Move-Out | |
| 117 | 1490 | Remove Existing Equipment | 1d | 15May20 | 15May20 | | | | | | | | | | | █ Remove Existing Equipment | |
| 118 | 1491 | Electrical Make Safe | 1d | 15May20 | 15May20 | | | | | | | | | | | █ Electrical Make Safe | |
| 119 | 1500 | Demolition & Removal | 3d | 18May20 | 20May20 | | | | | | | | | | | █ Demolition & Removal | |
| 120 | 1550 | Sawcut & Remove Portions of CMU Wall for New HM Windows (Alternates) | 3d | 18May20 | 20May20 | | | | | | | | | | | █ Sawcut & Remove Portions of CMU Wall for New HM Windows (Alternates) | |
| 121 | 4390 | Electrical Rough Ins | 10d | 18May20 | 01Jun20 | | | | | | | | | | | █ Electrical Rough Ins | |
| 122 | 1560 | Install HM Windows (Alternate) | 1d | 21May20 | 21May20 | | | | | | | | | | | █ Install HM Windows (Alternate) | |
| 123 | 1851 | Frame Metal Stud Wall | 1d | 21May20 | 21May20 | | | | | | | | | | | █ Frame Metal Stud Wall | |
| 124 | 1852 | In Wall MEP Rough Ins | 1d | 22May20 | 22May20 | | | | | | | | | | | █ In Wall MEP Rough Ins | |
| 125 | 3510 | MEP Above Ceiling Rough Ins | 2d | 22May20 | 26May20 | | | | | | | | | | | █ MEP Above Ceiling Rough Ins | |
| 126 | 1853 | In Wall MEP Inspections | 1d | 26May20 | 26May20 | | | | | | | | | | | █ In Wall MEP Inspections | |
| 127 | 1861 | Hang & Finish Drywall | 4d | 27May20 | 01Jun20 | | | | | | | | | | | █ Hang & Finish Drywall | |
| 128 | 1871 | Prime & Paint | 1d | 02Jun20 | 02Jun20 | | | | | | | | | | | █ Prime & Paint | |
| 129 | 3270 | Hang FRT Plywood | 1d | 02Jun20 | 02Jun20 | | | | | | | | | | | █ Hang FRT Plywood | |
| 130 | 1830 | Install New ACT Ceiling Grid in Computer Lab | 1d | 03Jun20 | 03Jun20 | | | | | | | | | | | █ Install New ACT Ceiling Grid in Computer Lab | |
| 131 | 3390 | Fire Protection Modifications | 1d | 04Jun20 | 04Jun20 | | | | | | | | | | | █ Fire Protection Modifications | |
| 132 | 3800 | MEP In Grid | 1d | 04Jun20 | 04Jun20 | | | | | | | | | | | █ MEP In Grid | |
| 133 | 3790 | MEP Above Ceiling Inspections | 1d | 05Jun20 | 05Jun20 | | | | | | | | | | | █ MEP Above Ceiling Inspections | |
| 134 | 3780 | Install Ceiling Tile | 1d | 08Jun20 | 08Jun20 | | | | | | | | | | | █ Install Ceiling Tile | |
| 135 | 1850 | Seal Existing Concrete Floor | 1d | 09Jun20 | 09Jun20 | | | | | | | | | | | █ Seal Existing Concrete Floor | |
| 136 | 1860 | Install New IT Equipment & Accessories | 1d | 10Jun20 | 10Jun20 | | | | | | | | | | | █ Install New IT Equipment & Accessories | |
| 137 | 1870 | Install New Casework/Millwork | 1d | 10Jun20 | 10Jun20 | | | | | | | | | | | █ Install New Casework/Millwork | |
| 138 | 3770 | Rubber Base | 1d | 11Jun20 | 11Jun20 | | | | | | | | | | | █ Rubber Base | |
| 139 | 1960 | Punch & Final Clean | 2d | 11Jun20 | 12Jun20 | | | | | | | | | | | █ Punch & Final Clean | |
| 140 | 1970 | Owners Personnel Move-In | 1d | 15Jun20 | 15Jun20 | | | | | | | | | | | █ Owners Personnel Move-In | |
| 141 Rowe Hall (Alt. 1) | | | | | | | | | | | | | | | | | |
| 142 Phase I | | | | | | | | | | | | | | | | | |
| 143 1st Floor Alt 1B | | | | | | | | | | | | | | | | | |
| 144 | 4440 | Low Voltage / Comm Wiring | 38d | 23Jun20 | 14Aug20 | | | | | | | | | | | █ Low Voltage / Comm Wiring | |
| 145 | 4460 | Install Access Panels | 5d | 23Jun20 | 29Jun20 | | | | | | | | | | | █ Install Access Panels | |
| 146 2nd Floor Alt 1B | | | | | | | | | | | | | | | | | |
| 147 | 4431 | Install Access Panels | 5d | 23Jun20 | 29Jun20 | | | | | | | | | | | █ Install Access Panels | |
| 148 | 4450 | Low Voltage / Comm Wiring | 38d | 23Jun20 | 14Aug20 | | | | | | | | | | | █ Low Voltage / Comm Wiring | |
| 149 1st & 2nd Floor Electrical - Alt 1B | | | | | | | | | | | | | | | | | |
| 150 | 4360 | New Electrical Panels, Transformer & Rough Ins | 38d | 23Jun20 | 14Aug20 | | | | | | | | | | | █ New Electrical Panels, Transformer & Rough Ins | |
| 151 Room 215 (Office) & 217 (IT Closet)- Alt 1A | | | | | | | | | | | | | | | | | |
| 152 | 2020 | Owners Personnel Move-Out | 1d | 18May20 | 18May20 | | | | | | | | | | | █ Owners Personnel Move-Out | |
| 153 | 4080 | Remove Existing Equipment | 1d | 19May20 | 19May20 | | | | | | | | | | | █ Remove Existing Equipment | |
| 154 | 4090 | Electrical Make Safe | 1d | 19May20 | 19May20 | | | | | | | | | | | █ Electrical Make Safe | |
| 155 | 4100 | Electrical Rough Ins | 10d | 20May20 | 03Jun20 | | | | | | | | | | | █ Electrical Rough Ins | |
| 156 | 4110 | Install New IDU & MEP Connections | 10d | 20May20 | 03Jun20 | | | | | | | | | | | █ Install New IDU & MEP Connections | |
| 157 | 4120 | Demolition & Removal | 3d | 20May20 | 22May20 | | | | | | | | | | | █ Demolition & Removal | |
| 158 | 4170 | Frame New Metal Stud Wall | 1d | 26May20 | 26May20 | | | | | | | | | | | █ Frame New Metal Stud Wall | |
| 159 | 4130 | MEP Above Ceiling Rough Ins | 5d | 26May20 | 01Jun20 | | | | | | | | | | | █ MEP Above Ceiling Rough Ins | |
| 160 | 4180 | In Wall MEP Rough Ins | 4d | 27May20 | 01Jun20 | | | | | | | | | | | █ In Wall MEP Rough Ins | |
| 161 | 4200 | Hang & Finish Drywall | 5d | 02Jun20 | 08Jun20 | | | | | | | | | | | █ Hang & Finish Drywall | |
| 162 | 4140 | Above Ceiling MEP Inspections | 2d | 02Jun20 | 03Jun20 | | | | | | | | | | | █ Above Ceiling MEP Inspections | |
| 163 | 4230 | Install Ceiling Tile | 2d | 04Jun20 | 05Jun20 | | | | | | | | | | | █ Install Ceiling Tile | |
| 164 | 4260 | Seal Existing Concrete Floor | 2d | 04Jun20 | 05Jun20 | | | | | | | | | | | █ Seal Existing Concrete Floor | |



UNCC IT Upgrade

Project Schedule

Run Date: 4/15/2020
Progress Date: 2/3/2020

Page 3 of 5

| Line | Act. ID | Activity Name | Dur. | Start | Finish | Apr | May | June | July | August | September |
|------|---|--|------|---------|---------|-----|--|--|------|--------|-----------|
| 165 | 4261 | Rubber Base | 1d | 08Jun20 | 08Jun20 | | | █ Rubber Base | | | |
| 166 | 4210 | Prime & Paint | 1d | 09Jun20 | 09Jun20 | | | █ Prime & Paint | | | |
| 167 | 4250 | Hang FRT Plywood | 1d | 09Jun20 | 09Jun20 | | | █ Hang FRT Plywood | | | |
| 168 | 4160 | Install New ACT Ceiling Grid | 3d | 10Jun20 | 12Jun20 | | | █ Install New ACT Ceiling Grid | | | |
| 169 | 4270 | Install New IT Equipment & Accessories | 1d | 10Jun20 | 10Jun20 | | | █ Install New IT Equipment & Accessories | | | |
| 170 | 4280 | Punch & Final Clean | 4d | 11Jun20 | 16Jun20 | | | █ Punch & Final Clean | | | |
| 171 | 4240 | Fire Protection Modification | 2d | 15Jun20 | 16Jun20 | | | █ Fire Protection Modification | | | |
| 172 | 4161 | MEP In Grid | 2d | 15Jun20 | 16Jun20 | | | █ MEP In Grid | | | |
| 173 | 4190 | In Wall Inspections | 2d | 17Jun20 | 18Jun20 | | | █ In Wall Inspections | | | |
| 174 | 4290 | Owners Personnel Move-In | 1d | 17Jun20 | 17Jun20 | | | █ Owners Personnel Move-In | | | |
| 175 | Reese Hall - Alt 2A/2B | | | | | | | | | | |
| 176 | Phase I | | | | | | | | | | |
| 177 | Ground Floor | | | | | | | | | | |
| 178 | 3760 | Install Access Panels | 1d | 19May20 | 19May20 | | █ Install Access Panels | | | | |
| 179 | 4470 | Low Voltage / Comm Wiring | 15d | 19May20 | 09Jun20 | | █ Low Voltage / Comm Wiring | | | | |
| 180 | Floor 1 | | | | | | | | | | |
| 181 | 0081 | Low Voltage / Comm Wiring | 15d | 27May20 | 16Jun20 | | █ Low Voltage / Comm Wiring | | | | |
| 182 | Floor 2 | | | | | | | | | | |
| 183 | 0082 | Low Voltage / Comm Wiring | 15d | 03Jun20 | 23Jun20 | | █ Low Voltage / Comm Wiring | | | | |
| 184 | Floor 3 | | | | | | | | | | |
| 185 | 0083 | Low Voltage / Comm Wiring | 15d | 10Jun20 | 30Jun20 | | █ Low Voltage / Comm Wiring | | | | |
| 186 | Floor 4 | | | | | | | | | | |
| 187 | 0084 | Low Voltage / Comm Wiring | 15d | 17Jun20 | 08Jul20 | | █ Low Voltage / Comm Wiring | | | | |
| 188 | Floor 5 | | | | | | | | | | |
| 189 | 0095 | Low Voltage / Comm Wiring | 15d | 24Jun20 | 15Jul20 | | █ Low Voltage / Comm Wiring | | | | |
| 190 | Room 116 (Breakroom, IT Closet & Electrical Closet) | | | | | | | | | | |
| 191 | 2060 | Owner Personnel Move-Out | 1d | 18May20 | 18May20 | | █ Owner Personnel Move-Out | | | | |
| 192 | 2070 | Remove Existing Equipment | 1d | 19May20 | 19May20 | | █ Remove Existing Equipment | | | | |
| 193 | 2071 | Electrical Make Safe | 1d | 19May20 | 19May20 | | █ Electrical Make Safe | | | | |
| 194 | 2090 | Demolition & Removal | 3d | 20May20 | 22May20 | | █ Demolition & Removal | | | | |
| 195 | 2950 | Install New IDU & MEP Connections | 10d | 20May20 | 03Jun20 | | █ Install New IDU & MEP Connections | | | | |
| 196 | 4400 | Electrical Rough Ins | 10d | 04Jun20 | 17Jun20 | | █ Electrical Rough Ins | | | | |
| 197 | 2781 | Metal Stud Wall | 1d | 18Jun20 | 18Jun20 | | █ Metal Stud Wall | | | | |
| 198 | 3530 | MEP Above Ceiling Rough Ins | 3d | 19Jun20 | 23Jun20 | | █ MEP Above Ceiling Rough Ins | | | | |
| 199 | 4300 | In Wall MEP Rough Ins | 2d | 19Jun20 | 22Jun20 | | █ In Wall MEP Rough Ins | | | | |
| 200 | 4310 | In Wall MEP Inspections | 2d | 23Jun20 | 24Jun20 | | █ In Wall MEP Inspections | | | | |
| 201 | 2791 | Hang & Finish Drywall | 4d | 25Jun20 | 30Jun20 | | █ Hang & Finish Drywall | | | | |
| 202 | 2801 | Prime & Paint | 1d | 01Jul20 | 01Jul20 | | █ Prime & Paint | | | | |
| 203 | 2811 | Hang FRT Plywood | 1d | 01Jul20 | 01Jul20 | | █ Hang FRT Plywood | | | | |
| 204 | 2200 | Install New ACT Ceiling Grid in Break Room | 1d | 02Jul20 | 02Jul20 | | █ Install New ACT Ceiling Grid in Break Room | | | | |
| 205 | 2201 | MEP In Grid | 1d | 06Jul20 | 06Jul20 | | █ MEP In Grid | | | | |
| 206 | 3540 | Above Ceiling MEP Inspections | 1d | 07Jul20 | 07Jul20 | | █ Above Ceiling MEP Inspections | | | | |
| 207 | 3400 | Fire Protection Modification | 1d | 07Jul20 | 07Jul20 | | █ Fire Protection Modification | | | | |
| 208 | 2241 | Ceiling Tile | 1d | 08Jul20 | 08Jul20 | | █ Ceiling Tile | | | | |
| 209 | 2220 | Seal Existing Concrete | 1d | 09Jul20 | 09Jul20 | | █ Seal Existing Concrete | | | | |
| 210 | 2730 | Install New Casework / Cabinets / Shelving | 2d | 10Jul20 | 13Jul20 | | █ Install New Casework / Cabinets / Shelving | | | | |
| 211 | 3010 | Install New Sink | 1d | 10Jul20 | 10Jul20 | | █ Install New Sink | | | | |
| 212 | 2792 | Rubber Base | 1d | 14Jul20 | 14Jul20 | | █ Rubber Base | | | | |
| 213 | 2230 | Install New IT Equipment & Accessories | 1d | 14Jul20 | 14Jul20 | | █ Install New IT Equipment & Accessories | | | | |
| 214 | 2240 | Punch & Final Clean | 2d | 14Jul20 | 15Jul20 | | █ Punch & Final Clean | | | | |
| 215 | 2250 | Owners Personnel Move-In | 1d | 20Jul20 | 20Jul20 | | █ Owners Personnel Move-In | | | | |
| 216 | Room 226 & 227 (Converts to Single Room - 226 IT Closet) | | | | | | | | | | |
| 217 | 2270 | Owner Personnel Move-Out | 1d | 18May20 | 18May20 | | █ Owner Personnel Move-Out | | | | |
| 218 | 2280 | Remove Existing Equipment | 1d | 19May20 | 19May20 | | █ Remove Existing Equipment | | | | |
| 219 | 2281 | Electrical Make Safe | 1d | 19May20 | 19May20 | | █ Electrical Make Safe | | | | |



UNCC IT Upgrade

Project Schedule

Run Date: 4/15/2020
Progress Date: 2/3/2020

| Line | Act. ID | Activity Name | Dur. | Start | Finish | 2020 | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|------|---------|---------|------|-----|------|------|--------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | Apr | May | June | July | August | September | | | | | | | | | | | | |
| 220 | 2300 | Demolition & Removal | 2d | 20May20 | 21May20 | | | | | | | | | | | | | | | | | | |
| 221 | 2980 | Install New IDU & MEP Connections (Room 226) | 10d | 20May20 | 03Jun20 | | | | | | | | | | | | | | | | | | |
| 222 | 2350 | Install New Lights | 1d | 22May20 | 22May20 | | | | | | | | | | | | | | | | | | |
| 223 | 3410 | Fire Protection | 1d | 22May20 | 22May20 | | | | | | | | | | | | | | | | | | |
| 224 | 2360 | Seal Existing Concrete Floor | 1d | 26May20 | 26May20 | | | | | | | | | | | | | | | | | | |
| 225 | 2370 | Install New IT Equipment & Accessories | 1d | 27May20 | 27May20 | | | | | | | | | | | | | | | | | | |
| 226 | 2380 | Punch & Final Clean | 3d | 04Jun20 | 08Jun20 | | | | | | | | | | | | | | | | | | |
| 227 | 2390 | Owners Personnel Move-In | 1d | 20Jul20 | 20Jul20 | | | | | | | | | | | | | | | | | | |
| 228 | Phase II | | | | | | | | | | | | | | | | | | | | | | |
| 229 | Room 335 (Storage & IT Closet) | | | | | | | | | | | | | | | | | | | | | | |
| 230 | 2410 | Owner Personnel Move-Out | 1d | 16Jul20 | 16Jul20 | | | | | | | | | | | | | | | | | | |
| 231 | 2420 | Remove Existing Equipment | 1d | 17Jul20 | 17Jul20 | | | | | | | | | | | | | | | | | | |
| 232 | 2421 | Electrical Make Safe | 1d | 17Jul20 | 17Jul20 | | | | | | | | | | | | | | | | | | |
| 233 | 2440 | Demolition & Removal | 3d | 20Jul20 | 22Jul20 | | | | | | | | | | | | | | | | | | |
| 234 | 2970 | Install New IDU & MEP Connections | 10d | 20Jul20 | 31Jul20 | | | | | | | | | | | | | | | | | | |
| 235 | 3550 | MEP Above Ceiling Rough Ins | 2d | 23Jul20 | 24Jul20 | | | | | | | | | | | | | | | | | | |
| 236 | 2480 | Install New ACT Ceiling Grid | 2d | 27Jul20 | 28Jul20 | | | | | | | | | | | | | | | | | | |
| 237 | 4340 | MEP In Grid | 2d | 29Jul20 | 30Jul20 | | | | | | | | | | | | | | | | | | |
| 238 | 3420 | Fire Protection Modification | 1d | 29Jul20 | 29Jul20 | | | | | | | | | | | | | | | | | | |
| 239 | 3560 | Above Ceiling MEP Inspections | 2d | 31Jul20 | 03Aug20 | | | | | | | | | | | | | | | | | | |
| 240 | 4330 | Ceiling Tile | 2d | 04Aug20 | 05Aug20 | | | | | | | | | | | | | | | | | | |
| 241 | 2500 | Seal Existing Concrete Floor | 1d | 06Aug20 | 06Aug20 | | | | | | | | | | | | | | | | | | |
| 242 | 4320 | Rubber Base | 1d | 07Aug20 | 07Aug20 | | | | | | | | | | | | | | | | | | |
| 243 | 2510 | Install New IT Equipment & Accessories | 2d | 07Aug20 | 10Aug20 | | | | | | | | | | | | | | | | | | |
| 244 | 2520 | Punch & Final Clean | 4d | 11Aug20 | 14Aug20 | | | | | | | | | | | | | | | | | | |
| 245 | 2530 | Owners Personnel Move-In | 1d | 17Aug20 | 17Aug20 | | | | | | | | | | | | | | | | | | |
| 246 | Room 402 & 424 (Breakroom & IT Closet) | | | | | | | | | | | | | | | | | | | | | | |
| 247 | 2570 | Owner Personnel Move-Out | 1d | 16Jul20 | 16Jul20 | | | | | | | | | | | | | | | | | | |
| 248 | 2580 | Remove Existing Equipment | 1d | 17Jul20 | 17Jul20 | | | | | | | | | | | | | | | | | | |
| 249 | 2581 | Electrical Make Safe | 1d | 17Jul20 | 17Jul20 | | | | | | | | | | | | | | | | | | |
| 250 | 2590 | Demolition & Removal | 2d | 20Jul20 | 21Jul20 | | | | | | | | | | | | | | | | | | |
| 251 | 2990 | Install New IDU & MEP Connections | 10d | 20Jul20 | 31Jul20 | | | | | | | | | | | | | | | | | | |
| 252 | 3330 | Install ODU 1 & 2 on Roof & MEP Connections | 10d | 20Jul20 | 31Jul20 | | | | | | | | | | | | | | | | | | |
| 253 | 2771 | Metal Stud Wall | 1d | 22Jul20 | 22Jul20 | | | | | | | | | | | | | | | | | | |
| 254 | 2773 | In Wall MEP Rough Ins | 1d | 23Jul20 | 23Jul20 | | | | | | | | | | | | | | | | | | |
| 255 | 3570 | MEP Above Ceiling Rough Ins | 3d | 23Jul20 | 27Jul20 | | | | | | | | | | | | | | | | | | |
| 256 | 2772 | In Wall Inspections | 1d | 24Jul20 | 24Jul20 | | | | | | | | | | | | | | | | | | |
| 257 | 3300 | Hang & Finish Drywall | 4d | 27Jul20 | 30Jul20 | | | | | | | | | | | | | | | | | | |
| 258 | 3310 | Prime & Paint | 1d | 31Jul20 | 31Jul20 | | | | | | | | | | | | | | | | | | |
| 259 | 3320 | Hang FRT Plywood | 1d | 31Jul20 | 31Jul20 | | | | | | | | | | | | | | | | | | |
| 260 | 2660 | Install New Ceiling Grid in Office | 1d | 03Aug20 | 03Aug20 | | | | | | | | | | | | | | | | | | |
| 261 | 3590 | MEP In Grid | 1d | 04Aug20 | 04Aug20 | | | | | | | | | | | | | | | | | | |
| 262 | 3430 | Fire Protection | 1d | 05Aug20 | 05Aug20 | | | | | | | | | | | | | | | | | | |
| 263 | 3580 | Above Ceiling MEP Inspections | 1d | 05Aug20 | 05Aug20 | | | | | | | | | | | | | | | | | | |
| 264 | 3001 | Ceiling Tile | 2d | 06Aug20 | 07Aug20 | | | | | | | | | | | | | | | | | | |
| 265 | 2680 | Seal Existing Concrete Floor | 1d | 10Aug20 | 10Aug20 | | | | | | | | | | | | | | | | | | |
| 266 | 2770 | Install New Casework / Cabinets / Shelving | 2d | 11Aug20 | 12Aug20 | | | | | | | | | | | | | | | | | | |
| 267 | 3000 | Install New Sink | 1d | 11Aug20 | 11Aug20 | | | | | | | | | | | | | | | | | | |
| 268 | 2681 | Rubber Base | 1d | 13Aug20 | 13Aug20 | | | | | | | | | | | | | | | | | | |
| 269 | 2690 | Install New IT Equipment & Accessories | 1d | 13Aug20 | 13Aug20 | | | | | | | | | | | | | | | | | | |
| 270 | 2700 | Punch & Final Clean | 2d | 13Aug20 | 14Aug20 | | | | | | | | | | | | | | | | | | |
| 271 | 3340 | Owners Personnel Move-In | 1d | 17Aug20 | 17Aug20 | | | | | | | | | | | | | | | | | | |
| Milestone Appearances | | | | | | | | | | | | | | | | | | | | | | | |
| ◆ Diamond | | | | | | | | | | | | | | | | | | | | | | | |



UNCC IT Upgrade

Project Schedule

Run Date: 4/15/2020
Progress Date: 2/3/2020

Page 5 of 5

SUBCONTRACTOR BID FORM-Addendum 2

Bid Package 01A – General Trades

UNCC IT Infrastructure Upgrades

| | | | |
|-----|--|----------|-------|
| To: | The University of North Carolina at Charlotte | From: | _____ |
| | Attn: Ms. Kathy Fisher – Facilities Operations | Contact: | _____ |
| | 9201 University City Boulevard | Phone: | _____ |
| | Charlotte, NC 28223 | Email: | _____ |
| | 704/687-0596 | | |

1. The undersigned Bidder proposes to furnish all labor and material, and to perform all work necessary for the **Bid Package 01A – General Trades** in accordance with the Project Documents, as prepared by Optima Engineering and Watson Tate Savory Architects for the lump sum price of:

_____ Dollars (\$ _____)
(Enter Base Bid Amount in Words Here) (Numerical Value Here)

2. The undersigned Bidder further acknowledges receipt of the following addenda as listed below and represents that any additions or modifications to, or deletions from the work called for in these addenda, have been taken into consideration and included in the Base Bid Sum.

Addendum No.: _____ Addendum No.: _____

Addendum No.: _____ Addendum No.: _____

The undersigned Bidder understands that the Owner reserves the right to reject this bid, but that this bid shall remain open and may not be withdrawn for ninety (60) days from the date of opening.

3. Alternates

a. 1A Rowe Hall-General Construction

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

b. 1B Rowe Hall - Electrical and Telecommunications

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

c. 1C Rowe Hall - Emergency Generator Connection

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

SUBCONTRACTOR BID FORM-Addendum 2

- d. 2A Reese Hall – General Construction, HVAC All Floors, Electrical, Telecommunications
Ground Floor, 1st Floor and 3rd Floor Only

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- e. 2B Reese Hall – Electrical and Telecommunications for 2nd Floor, 4th Floor and 5th Floor

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- f. 2C Reese Hall - General Construction and HVAC of Server Room Renovations and Adjacent
Rooms Only- All Floors

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- g. 3A Storrs Hall – Coiling Door #230-2

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- h. 3B Storrs Hall – New Window Openings Print Lab 230 and Computer Lab 222B

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- i. OPA #1 Door Closers LCN 4011/4111 Series Closers

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- j. OPA #2 Locksets Schlage Locksets

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- k. OPA #3 Door Access Controls – Open to Options

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

4. Schedule

The undersigned Bidder has received and reviewed Shiel Sexton’s schedule and hereby agrees that all work will be substantially complete by the aforementioned schedule.

5. Unit Pricing:

SUBCONTRACTOR BID FORM-Addendum 2

- Cost for 25 square feet of material at 1" thickness
- \$ _____

No. 2 Spray Fire Resistive Material Labor (SFRML)

- Cost for 2 laborers and supervision for 8 hours
- \$ _____

No. 3 Access Panel Material and Installation

- Prepare, install 2'x2' access panel as specified as well as drywall touch up and paint as necessary per panel.
- \$ _____ /EA

SUBCONTRACTOR BID FORM-Addendum 2

Bid Package 23A – HVAC

UNCC IT Infrastructure Upgrades

To: The University of North Carolina at Charlotte From: _____
Attn: Ms. Kathy Fisher – Facilities Operations Contact: _____
9201 University City Boulevard Phone: _____
Charlotte, NC 28223 Email: _____
704/687-0596

1. The undersigned Bidder proposes to furnish all labor and material, and to perform all work necessary for the **Bid Package 23A – HVAC** in accordance with the Project Documents, as prepared by Optima Engineering and Watson Tate Savory Architects for the lump sum price of:

_____ Dollars (\$) _____)
(Enter Base Bid Amount in Words Here) (Numerical Value Here)

2. The undersigned Bidder further acknowledges receipt of the following addenda as listed below and represents that any additions or modifications to, or deletions from the work called for in these addenda, have been taken into consideration and included in the Base Bid Sum.

Addendum No.: _____ Addendum No.: _____
Addendum No.: _____ Addendum No.: _____

The undersigned Bidder understands that the Owner reserves the right to reject this bid, but that this bid shall remain open and may not be withdrawn for ninety (60) days from the date of opening.

3. Alternates

a. 1A Rowe Hall-General Construction

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

b. 1B Rowe Hall - Electrical and Telecommunications

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

c. 1C Rowe Hall - Emergency Generator Connection

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

SUBCONTRACTOR BID FORM-Addendum 2

- d. 2A Reese Hall – General Construction, HVAC All Floors, Electrical, Telecommunications
Ground Floor, 1st Floor and 3rd Floor Only

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- e. 2B Reese Hall – Electrical and Telecommunications for 2nd Floor, 4th Floor and 5th Floor

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- f. 2C Reese Hall - General Construction and HVAC of Server Room Renovations and Adjacent
Rooms Only- All Floors

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- g. 3A Storrs Hall – Coiling Door #230-2

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- h. 3B Storrs Hall – New Window Openings Print Lab 230 and Computer Lab 222B

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- i. OPA #1 Door Closers LCN 4011/4111 Series Closers

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- j. OPA #2 Locksets Schlage Locksets

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- k. OPA #3 Door Access Controls – Open to Options

_____ Dollars (\$) _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

4. Schedule

The undersigned Bidder has received and reviewed Shiel Sexton’s schedule and hereby agrees that all work will be substantially complete by the aforementioned schedule.

5. Unit Pricing:

SUBCONTRACTOR BID FORM-Addendum 2

- Cost for 25 square feet of material at 1" thickness
- \$ _____

No. 2 Spray Fire Resistive Material Labor (SFRML)

- Cost for 2 laborers and supervision for 8 hours
- \$ _____

No. 3 Access Panel Material and Installation

- Prepare, install 2'x2' access panel as specified as well as drywall touch up and paint as necessary per panel.
- \$ _____ /EA

SUBCONTRACTOR BID FORM-Addendum 2

Bid Package 26A – Electrical

UNCC IT Infrastructure Upgrades

| | | | |
|-----|--|----------|-------|
| To: | The University of North Carolina at Charlotte | From: | _____ |
| | Attn: Ms. Kathy Fisher – Facilities Operations | Contact: | _____ |
| | 9201 University City Boulevard | Phone: | _____ |
| | Charlotte, NC 28223 | Email: | _____ |
| | 704/687-0596 | | |

1. The undersigned Bidder proposes to furnish all labor and material, and to perform all work necessary for the **Bid Package 26A – Electrical** in accordance with the Project Documents, as prepared by Optima Engineering and Watson Tate Savory Architects for the lump sum price of:

_____ Dollars (\$ _____)
(Enter Base Bid Amount in Words Here) (Numerical Value Here)

2. The undersigned Bidder further acknowledges receipt of the following addenda as listed below and represents that any additions or modifications to, or deletions from the work called for in these addenda, have been taken into consideration and included in the Base Bid Sum.

Addendum No.: _____ Addendum No.: _____
Addendum No.: _____ Addendum No.: _____

The undersigned Bidder understands that the Owner reserves the right to reject this bid, but that this bid shall remain open and may not be withdrawn for ninety (60) days from the date of opening.

3. Alternates

a. 1A Rowe Hall-General Construction

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

b. 1B Rowe Hall - Electrical and Telecommunications

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

c. 1C Rowe Hall - Emergency Generator Connection

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

SUBCONTRACTOR BID FORM-Addendum 2

- d. 2A Reese Hall – General Construction, HVAC All Floors, Electrical, Telecommunications
Ground Floor, 1st Floor and 3rd Floor Only

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- e. 2B Reese Hall – Electrical and Telecommunications for 2nd Floor, 4th Floor and 5th Floor

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- f. 2C Reese Hall - General Construction and HVAC of Server Room Renovations and Adjacent
Rooms Only- All Floors

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- g. 3A Storrs Hall – Coiling Door #230-2

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- h. 3B Storrs Hall – New Window Openings Print Lab 230 and Computer Lab 222B

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- i. OPA #1 Door Closers LCN 4011/4111 Series Closers

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- j. OPA #2 Locksets Schlage Locksets

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- k. OPA #3 Door Access Controls – Open to Options

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

4. Schedule

The undersigned Bidder has received and reviewed Shiel Sexton’s schedule and hereby agrees that all work will be substantially complete by the aforementioned schedule.

5. Unit Pricing:

SUBCONTRACTOR BID FORM-Addendum 2

- Cost for 25 square feet of material at 1" thickness
- \$ _____

No. 2 Spray Fire Resistive Material Labor (SFRML)

- Cost for 2 laborers and supervision for 8 hours
- \$ _____

No. 3 Access Panel Material and Installation

- Prepare, install 2'x2' access panel as specified as well as drywall touch up and paint as necessary per panel.
- \$ _____ /EA

SUBCONTRACTOR BID FORM-Addendum 2

Bid Package 27A – Telecommunications

UNCC IT Infrastructure Upgrades

| | | | |
|-----|--|----------|-------|
| To: | The University of North Carolina at Charlotte | From: | _____ |
| | Attn: Ms. Kathy Fisher – Facilities Operations | Contact: | _____ |
| | 9201 University City Boulevard | Phone: | _____ |
| | Charlotte, NC 28223 | Email: | _____ |
| | 704/687-0596 | | |

1. The undersigned Bidder proposes to furnish all labor and material, and to perform all work necessary for the **Bid Package 27A – Telecommunications** in accordance with the Project Documents, as prepared by Optima Engineering and Watson Tate Savory Architects for the lump sum price of:

_____ Dollars (\$ _____)
(Enter Base Bid Amount in Words Here) (Numerical Value Here)

2. The undersigned Bidder further acknowledges receipt of the following addenda as listed below and represents that any additions or modifications to, or deletions from the work called for in these addenda, have been taken into consideration and included in the Base Bid Sum.

Addendum No.: _____ Addendum No.: _____

Addendum No.: _____ Addendum No.: _____

The undersigned Bidder understands that the Owner reserves the right to reject this bid, but that this bid shall remain open and may not be withdrawn for ninety (60) days from the date of opening.

3. Alternates

- a. 1A Rowe Hall-General Construction

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- b. 1B Rowe Hall - Electrical and Telecommunications

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- c. 1C Rowe Hall - Emergency Generator Connection

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

SUBCONTRACTOR BID FORM-Addendum 2

- d. 2A Reese Hall – General Construction, HVAC All Floors, Electrical, Telecommunications
Ground Floor, 1st Floor and 3rd Floor Only

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- e. 2B Reese Hall – Electrical and Telecommunications for 2nd Floor, 4th Floor and 5th Floor

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- f. 2C Reese Hall - General Construction and HVAC of Server Room Renovations and Adjacent
Rooms Only- All Floors

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- g. 3A Storrs Hall – Coiling Door #230-2

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- h. 3B Storrs Hall – New Window Openings Print Lab 230 and Computer Lab 222B

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- i. OPA #1 Door Closers LCN 4011/4111 Series Closers

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- j. OPA #2 Locksets Schlage Locksets

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

- k. OPA #3 Door Access Controls – Open to Options

_____ Dollars (\$ _____)
(Enter Alternate Amount in Words Here) (Numerical Value Here)

4. Schedule

The undersigned Bidder has received and reviewed Shiel Sexton’s schedule and hereby agrees that all work will be substantially complete by the aforementioned schedule.

5. Unit Pricing:

SUBCONTRACTOR BID FORM-Addendum 2

- Cost for 25 square feet of material at 1" thickness
- \$ _____

No. 2 Spray Fire Resistive Material Labor (SFRML)

- Cost for 2 laborers and supervision for 8 hours
- _____

No. 3 Access Panel Material and Installation

- Prepare, install 2'x2' access panel as specified as well as drywall touch up and paint as necessary per panel.
- \$ _____ /EA



SHIEL SEXTON

UNC Charlotte IT Infrastructure Upgrades Addendum #2

General Questions and Clarifications:

1. Can a non AWI certified contractor be used for casework

Answer: No

2. Is there a preferred control system for the HVAC system?

Answer: DDC Controls Platform: JCI FX (Auth FX Dealer-Bacnet), Schneider Invensys (Bacnet), Allerton (Bacnet)

3. Confirm that all Spec sections under Contract #26a - Electrical that are not specific to Div26 such as security, telecom, and door hardware are to be conduit with back-boxes only. All cable and devices for these scopes outside of Div26 are to be provided by others.

Answer: This would be correct with the exception of Fire Alarm which should be included in the Electrical Scope

4. Drawing E1.04 Room 280A shows panel 2LFA being mounted on the wall next to panel 2LF. There is currently a breaker enclosure and a set of feeders surface mounted in this area. All of the available wall space in this room is taken so clarification is needed on the location of panel 2LFA.

Answer: Locate this panel in Room 278 plan North Wall.

5. There are no exit lights shown on the drawings. Need to confirm the type and number needed along with the locations with circuit numbers. Exit lighting will be needed:

Answer: Please provide an exit light in Room 230 of Storrs Hall and relocate existing as needed in each space. Type shown in fixture Schedule, connect to nearest EM circuit.

6. Confirm that all new back-boxes and conduit are to be surface mounted on the existing walls.

Answer: Confirmed, unless it is inside of a new wall.

7. Fire Rated Plywood - confirm that all fire rated plywood will be provided and installed by the General Trades Contractor.



SHIEL SEXTON

UNC Charlotte IT Infrastructure Upgrades Addendum #2

Answer: Confirmed

8. Fire Alarm Scope - confirm that all conduit and back-boxes are to be included in Electrical contractor's scope but devices and cable are to be in General Contractors or Owner's scope.

Answer: Fire Alarm to be picked up by the electrical contractor.

9. Drawing E1.02 Room 180A shows panel NP being mounted to the left of existing panel GLA. That space is currently taken up by 2 boxes related to the Time Clock Relay. Are we to remove these boxes to make room for the new panel?

Answer: Relocate these junction boxes as required to install panel in this location.

10. New 75kva Transformer - Drawing E1.02 Room 180A shows the new 75kva transformer being fed from the GPA Panelboard mounting above existing 75kva transformer next to panel GLE. There is not enough space for this installation due to an existing 12x12 junction box. The space above this location is taken by an insulated AC duct so mounting from the above structure would be difficult. Need to confirm the location for the new 75kva transformer.

Answer: Relocate the 12x12 junction box. Provide a floor mounted rack for the new transformer to be mounted over the existing transformer in the location shown.

11. Drawing E3.01 Detail 3, Room 116A shows new panel P1A being mounted on the wall opposite of the existing door adjacent to panel L1. That space currently has conduit and a Fire Alarm Terminal Cabinet covering up that wall. There will be a space available where the existing door is as it will be removed and a wall built in its place. Please confirm if this space is acceptable for relocation of panel P1A.

Answer: The proposed location is acceptable.

12. Fluorescent or LED Strip Fixture - Drawing E3.01 Detail 2, Room 116 shows 6 UC type fixtures and 2 Fluorescent or LED type fixtures over the sink. Please confirm the fixture type over the sink.

Answer: These two fixtures are type "UC".