

**SECTION 00 90 01
BIDDING AND CONTRACT REQUIREMENTS
ADDENDUM NUMBER 1**

**Demonica Kemper Architects
125 N. Halsted Street, Suite 301
Chicago, IL 60661
312.496.0000**

To: Prospective Bidders

Issued: May 6, 2024

Re: ADDENDUM NUMBER (1) TO THE BIDDING DOCUMENTS FOR

**McHenry County College
Liebert System Replacement**
Architect's Project Number: 24-014

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated April 25, 2024. Acknowledge receipt of this addendum in the space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

ADDENDA TO THE PROJECT MANUAL

1. 00 41 13 – BID FORM
 - A. **REPLACE** the above section with the attached in its entirety. Bid form updated to include language for the allowance added.
2. 01 21 00 – ALLOWANCES
 - A. **ADD** the attached section in its entirety.

ADDENDA TO THE DRAWINGS

1. A1.10 – FLOOR PLAN AND REFLECTED CEILING PLAN
 - A. REVISE Floor Plan Referenced Note #6 as indicated on the attached. Refer to floor plan for updated tag locations.

CLARIFICATIONS

1. Refer to attachments for the Meeting Minutes from the Pre-bid meeting at McHenry County College on Friday, 5/3/2024 at 10:00 AM, which includes all clarifications made on-site.

This addendum consists of 1 pages, excluding attachments.

END 00 90 01.

Attachments:

1. 2024.05.03 - MCC Liebert Replacement - Pre-Bid Minutes
2. 00 41 13 – BID FORM
3. 01 21 00 – ALLOWANCES
4. A1.10



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McHenry County College
Liebert System Replacement
DKA Project Number: 24-014

Pre-Bid Meeting Minutes

Board Room A217, 10:00am, May 3, 2024

1. This Pre-Bid Meeting is **mandatory**. Refer to Addendum No. 1 for the meeting minutes and a list of GC's who will be able to submit bids for the project.
2. Bids Due
 - a. **Date/Time: Tuesday, May 14, 2024 @ 9:30 AM**
 - b. **Location: Ms. Maricella Garza, Business Services Specialist, 8900 US Hwy 14, Building A, Room A246, Crystal Lake, IL 60012.**
 - c. Any bids received by after this time will be returned to the bidder unopened with an email response from MCC.
 - d. Bids will be opened publicly in the Board Room (A217) at 10:00 AM on the bid due date.
 - e. **Bids will be required to be held for 90 days after the due date.**
3. Bid Submittal
 - a. Submit in an **opaque, sealed envelope**. On the envelope, include the following:
 - i. Contractor Name and Address
 - ii. Bid Title
 - iii. Bid Opening Date and Time
 - b. Submittal shall include the following:
 - i. Document 00 41 13 – Bid Form
 - ii. Document 00 43 13 – Bid Bond
 - iii. Document 00 43 15 – Contractor Certification
 - iv. Document 00 43 25 – Substitution Sheet (if required)
 - v. Document 00 43 29 – W9
 - vi. Document 00 43 39 – MCC BEP Plan
 - I. The document reflects the college's aspirational goal of 20% of MBE / WBE / DBE inclusion. This form should be completed noting the included contractors or the attempts made to meet this goal.
 - vii. Document 00 43 43 – Certificate of Compliance with Illinois Prevailing Wage Law
4. Bonds
 - a. Bid Deposit:
 - i. Not less than ten percent (10%) of the bid amount.
 - ii. Make payable to the Board of Trustees, McHenry County College.
 - iii. Held for 45 days or award of contract, whichever comes first.
 - iv. The bid deposit will be forfeited by the successful bidder in the event of the bidders failure to enter into a contract.
 - b. Performance bond and Labor & Material payment bond:
 - i. Required at 100% of the bid amount within 10 days of award of contract.
 - ii. Make payable to the Board of Trustees, McHenry County College.



5. AIA Document 201 – General Conditions of the Contract for Construction is included in specification section 00 72 13.
6. The apparent low bidder will be asked to produce a copy of **AIA Document A305 – Contractor’s Qualification Statement Form**, including references, immediately after the bid opening in order to make a recommendation to the Board of Trustees.
7. The General Contractor will be required to **identify its sub-contractors prior to award of the contract.**
8. All Contractors and Sub-Contractors are required to **pay prevailing wages** in accordance with the specifications and the Illinois Department of Labor.
9. GC shall employ **a full-time superintendent** to manage the day to day operations
10. The college is tax exempt.
11. A project website is required as noted in specification section 01 31 00. Acceptable vendors are:
 - a. Submittal Exchange
 - b. Autodesk Planroom
 - c. Procore
12. Allowances:
 - a. Allowance No. 1 – Temporary protection / enclosures required installation of owner provided temporary cooling – \$10,000.
13. Alternate Bids:
 - a. Alternate No. 1 – Deduct to leave the raised flooring areas under the existing server racks / equipment as existing to remain.
14. Bidding Schedule:
 - a. Last RFIs Due: Thursday, May 9, 2024 at 5:00 pm
 - b. **Final Addendum:** **Friday, May 10, 2024**
 - c. **Bids Due:** **Tuesday, May 14, 2024 at 9:30 am**
 - d. **Bid Opening:** **Tuesday, May 14, 2024 at 10:00 am**
 - e. Board Meeting: Thursday, May 23, 2024
15. Construction Schedule:
 - a. **Material Procurement:** **On or after Project Award (Tentatively at May Board Meeting on Thursday, May 23, 2024)**
 - b. **On-Site Commencement:** **On or after Monday, July 8, 2024 at 7:00 am**
 - c. **Substantial Completion:** **On or before Friday, August 9, 2024, 11:59 pm**
16. There will be no bid extensions.
17. Normal work hours shall be **7:00 am to 10:00 pm Monday thru Friday** – Contact Campus Police for access to the project site outside of normal work hours.



18. Review general scope of the project.
 - a. Removal and replacement of the existing Liebert HVAC systems in the IT Server Room. Equipment has been pre-purchased by the owner to minimize lead time issues. The contractor will be responsible for receiving the purchased equipment and installing it.
 - b. New hot air return duct above ceiling to HVAC units.
 - c. Removal and replacement of the older sections of existing raised flooring. New flooring will tie into the existing to remain flooring sections.
 - d. New ceilings and lighting.
 - e. Existing FM200 system to remain and tie into new ceiling finishes. System piping will be revised as needed for new duct routing.
 - f. New painted walls.
 - g. IT server systems (equipment, racks, and all associated cabling and utilities) will remain fully operational throughout the construction process. Owner will be provide temporary cooling as required. Contractor will be responsible for protecting the existing IT systems throughout the construction process.
 - h. Contractor will be responsible for raising the IT equipment / server racks as required to remove the existing raised flooring system and install a new raised floor system. Estimated weights of all racks are provided in the documents.
 - i. Contractor will be responsible for removal of all existing rooftop equipment and associated capping / sealing of penetrations and installation of new rooftop equipment including all piping, utilities, roof curbs, and associated roof tie-ins.

19. Estimated Project Cost: \$500,000

20. Review site logistics:
 - a. Construction entrance and dumpster locations will be coordinated with the college prior to commencement of work. There are parking lots directly adjacent to the construction site at the same floor level.
 - b. Utility Shutdowns should be coordinated with the college, with advance notice given for any shutdowns that will affect spaces outside of the construction area.
 - c. Contractor shall be responsible for the protection of existing conditions, utilities, and other existing elements to remain from damage due to construction activities.
 - d. Contractor shall photograph existing conditions prior to beginning work.

21. Bidders may access the project site after this meeting by contacting...
Mr. Dave Dammon, Assistant Vice President of Facilities – ddammon@mchenry.edu – (815) 455-8564

22. Questions regarding the bidding documents or bidding procedures shall be direction to...
David Sikorski – dsikorski@dka-design.com

23. Site Walkthrough
 - a. Per MCC, a site walkthrough is mandatory for this project, but attendance to the pre-bid meeting is not required.
 - b. Allowance was added for GC to coordinate with owner for the installation of any temporary protection or enclosures required in order for the owner to install the temporary cooling required during construction.
 - c. Duct routing above ceiling was reviewed and existing space should be sufficient. The GC is responsible for field verifying the duct layout prior to installation and make any required adjustments (including changing from round duct to square duct) in order to fit around existing structure, cabling, cable trays, conduit, and piping to remain.



- d. Owner Purchased HVAC Equipment is expected to be delivered the week of July 22, 2024. The confirmed ship date will be provided to the awarded general contractor for final confirmation of project schedule. At this point, there will be no change to the noted on-site commencement date or substantial completion date. If the contractor does not believe they can complete the project scope within the noted timeframe, include a noted exception in Part 4 of the Bid Form to indicate additional time requested and any cost deducts to extend the proposed substantial completion date.
- e. It was noted on site that the existing equipment can only be lifted approximately 8” above the raised flooring system. Contractor is responsible to coordinate with the owner for each racks adjustment capability prior to lifting the racks to confirm they remain operational throughout the process.



McHenry County College
Liebert System Replacement
DKA Project Number: 24-014

Pre-Bid Meeting Attendee List

Board Room A217, 10:00am, May 3, 2024

1. Dave Dammon, MCC
2. Maricella Garza, MCC
3. Tim Hopkins, MCC
4. David Sikorski, DKA
5. Josh Chaneske, 20/10
6. Justin Knapik, Lo Destro Construction, (815) 847-8658
7. Casey Reyes, MG Mechanical, (847) 971-4146

SECTION 00 41 13 - BID FORM

To: McHenry County College
8900 US Hwy 14
Crystal Lake, IL 60012

Project: Liebert System Replacement

Date: _____

Submitted by: _____

(Full name and address)

PART 1 - OFFER

Having examined the site and having familiarized itself with the conditions affecting the cost of the work associated with the project and with the bidding documents, Bidder hereby proposes to perform everything required and to furnish all labor, materials, necessary tools, expendable equipment, and transportation services necessary to complete in a workmanlike manner the subdivision of work stated above in accordance with the bidding documents for the following sums:

Base Bid:

We have included, attached herewith, the Bid Bond as required by the Instructions to Bidders.

The Bidder agrees to perform the work for the lump sum amount of:

TOTAL BASE BID \$ _____ (in figures)

_____ (in words)

Allowances:

The undersigned hereby states that all allowance amounts, as described in Section 01 21 00, are included in the Total Base Bid proposal amount listed above.

ALLOWANCE No. 1: Include an allowance of \$10,000.00 for temporary protection/enclosure work required to coordinate with the owner provided temporary cooling systems.

Alternate Bids:

The undersigned hereby states the net amount of decrease or increase to the Lump Sum Base Bid for the following Alternates as described in Section 01 23 00.

ALTERNATE No. 1: Deduct from the Lump Sum Base Bid to leave the raised flooring areas, indicated on the drawing, under the existing server racks / equipment as existing to remain in lieu of a new raised flooring system.

Total, Alternate No. 1: \$ _____

PART 3- ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for thirty (90) days from the Bid closing date.

If the bid is accepted by the Owner within the time period stated above, we will:

- A. Execute the Agreement within ten (10) days of receipt of Notice of Award.
- B. Furnish the required bonds within ten (10) days of receipt of Notice of Award in the form described in the Supplementary Conditions.
- C. Furnish the required Certificate of Insurance within ten (10) days of receipt of Notice of Award in the form and amounts described in the Supplementary Conditions.
- D. Commence work as established by the written Notice to Proceed.

If this Bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bonds(s), the Security Deposit shall be forfeited as damages to the Owner by reason of our failures.

In the event our Bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

PART 4 - CONTRACT TIME

If the Bid is accepted, we will:

- A. Complete the work in manner consistent to meet the requirements of the schedule.
- B. Contractor has examined the Schedule included in these documents and takes no exception, or records the following exceptions:

PART 5 - CONTRACTOR'S FEES FOR CHANGES IN THE WORK

Lump Sum or Time and Materials Changes: We, the undersigned bidder, agree that the following percentages for overhead and profit shall be added to costs for the net amount of work added to, or deleted from, the contract by written lump sum or time and material change orders recommended by the Architect and approved by the Owner:

- A. On Contractor's direct net cost: 15%, with a minimum fee of one hundred dollars (\$100.00).
- B. On first-tier Subcontractor's net cost: 5%, with a minimum fee of fifty dollars (\$50.00). Net cost includes all sub-subcontractors work, and excludes subcontractors (all tiers) overhead and profit amounts.

Note: Insurance, bond, and taxes are considered as job cost items and are included in the percentages listed above.

PART 6 - ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted therein have been considered and all costs thereto are included in the Bid Sum.

Addendum # ____ Dated _____ Addendum # ____ Dated _____

Addendum # ____ Dated _____ Addendum # ____ Dated _____

PART 7 - SUBCONTRACTORS

Identify below which work will be completed by the General Contractor's own forces and which work will be completed by first tier Subcontractors. Include Subcontractors name and estimated contract amount.

Scope of Work	GC/Sub.	Name	Est. Contract Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PART 8 - BID FORM SIGNATURE(S)

The Corporate Seal of:

(Bidder – please print the full name of your Proprietorship or Corporation)

Was hereunto affixed in the presence of:

(Authorized signing officer)

(Title)

(Seal)

END OF SECTION 00 41 13

SECTION 01 21 00 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Related Requirements:
 - 1. Section 01 22 00 "Unit Prices" for procedures for using unit prices, including adjustment of quantity allowances when applicable.
 - 2. Section 01 40 00 "Quality Requirements" for procedures governing the use of allowances for field testing by an independent testing agency.

1.3 DEFINITIONS

- A. Allowance is a quantity of work or dollar amount established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

1.4 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.5 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.6 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 UNIT-COST ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.9 QUANTITY ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.

- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.10 CONTINGENCY ALLOWANCES

- A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- B. Contractor's overhead, profit, and related costs for products and equipment ordered by Owner under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.
- C. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit.
- D. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.11 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
 - 3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
 - 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 - 1. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.
- B. See Construction Manager's "Scope of Work" documents for allowances to be included by each Contractor.

3.3 SCHEDULE OF ALLOWANCES

- A. ALLOWANCE NO. 1: Temporary protection / enclosures for owner provided temporary cooling system. Include an allowance of \$10,000.00.

END OF SECTION 01 21 00

RCP SYMBOLS LEGEND:

NOTE: REFER TO M.E.P.F.P. DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, AND FIRE PROTECTION SYSTEMS

- CEILING TYPE
- CEILING ELEVATION AFF
- SUSPENDED ACOUSTICAL TILE CEILING
- RECESSED 2x4 LIGHT FIXTURE
- RECESSED 2x2 FLUORESCENT FIXTURE
- SPRINKLER HEAD
- SOLID HATCH DENOTES EXIT SIGN FACE PLATE
- DIRECTION OF EGRESS
- EXIT SIGN, WALL MOUNTED
- HEAT DETECTOR
- SMOKE DETECTOR
- EMERGENCY LIGHT (REFER TO ELEC)
- RETURN AIR GRILLE
- SUPPLY AIR GRILLE

FLOOR PLAN SYMBOLS LEGEND:

NOTE: REFER TO M.E.P.F.P. DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, AND FIRE PROTECTION SYSTEMS

- GREYTOPE LINES DEPICT EXISTING CONSTRUCTION
- EXISTING DOOR
- NEW WALL CONSTRUCTION
- NEW DOOR
- ROOM NAME
- ROOM TAG
- DOOR / FRAME TAG
- PARTITION TYPE
- PARTITION MODIFIERS
- PLAN AND SECTION DETAIL CALLOUT
- SECTION CALLOUT
- ELEVATION CALLOUT
- DATUM TAG
- NEW WORK REFERENCED NOTES

RCP GENERAL NOTES:

- ALL HEATING, VENTILATION, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ITEMS ARE SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS FOR REFERENCE AND COORDINATION ONLY. REFER TO HEATING, VENTILATION, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ACTUAL QUANTITIES. IN CASE OF CONFLICT THE ARCHITECTURAL REFLECTED CEILING PLAN SHALL GOVERN LOCATION OF THESE ITEMS.
- IN AREAS THAT DO NOT HAVE ARCHITECTURAL REFLECTED CEILING PLANS YET REQUIRE NEW ITEMS TO BE INSTALLED IN OR ABOVE THE CEILING PLANE. CONTRACTOR SHALL REMOVE AND REINSTALL, REPLACE OR MODIFY EXISTING CEILING CONSTRUCTION TO ACCOMMODATE NEW WORK. ANY NEW CEILING AREAS SHALL MATCH EXISTING ADJACENT FINISHES.
- CENTER ALL FIXTURES IN CEILING TILES AND FIELD VERIFY GRID LAYOUT FOR PROPER FIXTURE LOCATION. ALIGN ALL FIXTURES IN BOTH DIRECTIONS OF CEILING TILE (LXO).
- CENTER ALL SPRINKLER HEADS IN CEILING TILES.
- ALL GYP. BD. CEILINGS TO BE PAINTED PT-1 UNLESS OTHERWISE NOTED ON PLANS.
- EXTEND FACE OF ALL GYP. BD. SOFFITS AND HEADERS TO FINISHED CEILING ABOVE U.L.O.

FLOOR PLAN GENERAL NOTES:

- ELEVATIONS SHOWN ON ARCHITECTURAL DRAWINGS ARE RELATIVE TO FIRST FLOOR FINISH ELEVATION OF 0'-0".
- DO NOT SCALE DRAWINGS.
- NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE DOCUMENTS PRIOR TO WORK COMMENCING.
- NOTES ON DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE REPEATED OR NOT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF EXISTING CONDITIONS AND IN-FIELD DIMENSIONS PRIOR TO COMMENCING WORK.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF FINISHED WALL UNLESS NOTED OTHERWISE.
- PROVIDE ACCESS PANELS AT LOCATIONS INDICATED AND AS REQUIRED FOR ACCESS TO EQUIPMENT AND DEVICES INCLUDING, BUT NOT LIMITED TO, MECHANICAL, PLUMBING AND ELECTRICAL WORK. PAINT ACCESS PANELS TO MATCH ADJACENT WALL OR CEILING FINISH.
- EXISTING IT SERVER SYSTEM AND ALL ASSOCIATED EQUIPMENT, UTILITIES, CABLING, AND ACCESSORIES SHALL REMAIN OPERATIONAL THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE IT SYSTEM THROUGHOUT CONSTRUCTION WITHOUT ANY INTERRUPTION IN SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY SUPPORT OR TEMPORARY SHIFT / RELOCATION OF IT EQUIPMENT AS REQUIRED FOR DEMO OR NEW WORK NOTED. ALL PROPOSED SUPPORT OR RELOCATION OF IT EQUIPMENT SHALL BE REVIEWED WITH OWNER PRIOR TO COMMENCEMENT.**

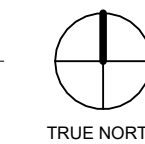
RCP REFERENCED NOTES:

- EXISTING FM200 SPRINKLER SYSTEM HEAD TO REMAIN. MODIFY BRANCH PIPING AS REQUIRED FOR NEW MECHANICAL LAYOUT. REFER TO MECHANICAL-PLUMBING DRAWINGS.
- EXISTING CABLE TRAY SYSTEM TO REMAIN. COORDINATE SUPPORT PENETRATIONS THROUGH CEILING WITH NEW CEILING SYSTEM.
- LOCATION OF NEW PIPING ROUTING FROM HVAC EQUIPMENT. CORE THROUGH SLAB AND ROOF DECK ABOVE AS REQUIRED TO GET TO NEW ROOFTOP EQUIPMENT. REFER TO OVERALL PLANS FOR SCOPE OF WORK AT 2ND FLOOR OR ROOF.
- COLD AISLE CONTAINMENT SYSTEM (REFER TO MECH)
- PROVIDE 2x4 SAT CEILING SYSTEM. REFER TO BELOW FOR PRODUCT DETAILS.
 - ARMSTRONG CORTEGA SECOND LOOK II, 24x24 TILES WITH PRELUDE X1 FIREGUARD SUSPENSION SYSTEM IN WHITE FINISH.
 - COORDINATE CEILING TILES AROUND EXISTING PENETRATIONS TO REMAIN AND NEW PENETRATIONS. SEAL ALL PENETRATIONS THROUGH CEILING TILES FOR AIRTIGHT INSTALLATION. REFER TO MEP FOR ADDITIONAL PENETRATION LOCATIONS.
 - PROVIDE HOLD DOWN CLIPS AT ALL CEILING TILES IN FINAL INSTALLATION.
 - INSTALL AT 9'-0" AFF (8'-4" ABOVE RAISED FLOOR SYSTEM). COORDINATE WITH MECHANICAL LAYOUT TO CONFIRM FINAL CEILING HEIGHT AND NOTIFY A/E IF A LOWER CEILING HEIGHT IS REQUIRED.

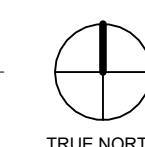
FLOOR PLAN REFERENCED NOTES:

- NEW RAISED FLOORING SYSTEM, RLE TECHNOLOGIES, TRIAD SYSTEM. CONTACT CHRISTIE MAXWELL (978.232.3934, CHIAWELL@RLETECH.COM) FOR MATERIAL PRICING. QUOTE NUMBER XX-XXXX. PROVIDE A COMPLETE SYSTEM, INCLUDING ALL TILES, SUPPORT GRID, EDGE TRIM PANELS, CORNER TRANSITIONS, VERTICAL EDGE PANELS, AND ANY OTHER REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. THE NEW SUPPORT SYSTEM INTO EXISTING TILE / SUPPORT SYSTEM. REFER TO NOTES BELOW FOR SPECIFIC SYSTEM REQUIREMENTS.
 - PROVIDE SOLID STEEL TILE, 4000 LB WEIGHT LIMIT IN GRAY FINISH, ON NEW SUPPORT SYSTEM.
 - PROVIDE SALVAGED SOLID STEEL TILE, GENESIS FINISH, ON NEW SUPPORT SYSTEM.
 - PROVIDE SOLID END PANEL AT LOCATIONS INDICATED, GRAY FINISH.
 - PROVIDE UNDERFLOOR BLANK-OFF PLENUM PANELS AT LOCATIONS INDICATED WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. SEAL PLENUM PANELS TO SLAB BELOW FOR AIRTIGHT SYSTEM. THE PANELS INTO HVAC PLENUM PANELS FOR COMPLETE ENCLOSURE.
 - BASE BID:** PROVIDE SOLID STEEL TILE, 4000 LB WEIGHT LIMIT IN GRAY FINISH, ON NEW SUPPORT SYSTEM. **ALT BID NO. 1:** LEAVE EXISTING PLAM RAISED FLOOR SYSTEM TO REMAIN.
 - BASE BID:** PROVIDE SALVAGED SOLID STEEL TILE, GENESIS FINISH, ON NEW SUPPORT SYSTEM. **ALT BID NO. 1:** LEAVE EXISTING PLAM RAISED FLOOR SYSTEM TO REMAIN.
- EXISTING RAISED FLOORING SYSTEM, INCLUDING ALL FLOOR PANELS, SUPPORTS, AND ACCESSORIES TO REMAIN. REFER TO NOTES BELOW FOR FLOOR PANEL TYPES NOTED.
 - EXISTING VENTED TILE, GENESIS FINISH TO REMAIN.
 - EXISTING SOLID TILE, GENESIS FINISH TO REMAIN.
 - PROVIDE SALVAGED SOLID STEEL TILE, GENESIS FINISH, ON EXISTING SUPPORT SYSTEM.
- EXISTING RAISED PLAM FLOORING SYSTEM TO REMAIN.
- COLD AISLE CONTAINMENT SYSTEM (REFER TO MECH)
- EXISTING FM200 SYSTEM TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION AND MODIFY AS REQUIRED FOR NEW WORK.
- EXISTING EQUIPMENT TO REMAIN. SEE BELOW FOR SPECIFIC EQUIPMENT TYPE AND ESTIMATED WEIGHT. REFER TO FLOOR PLAN GENERAL NOTE 8 FOR ADDITIONAL SCOPE.
 - SERVER RACK, 1400 LBS
 - UPS BATTERY BACK-UP UNIT, 1650 LBS
 - UPS BATTERY BACK-UP UNIT, 1400 LBS
 - UPS BATTERY BACK-UP RACK, 1650 LBS
 - SERVER RACK, 750 LBS
 - SERVER RACK, 670 LBS
 - SERVER RACK, 625 LBS
 - SERVER RACK, 600 LBS
 - EQ SERVER RACKS, 400 LBS AND 300 LBS (700 LBS TOTAL)
- NEW HVAC SYSTEM. LEAVE OPEN 2x2 TILE BELOW UNIT FOR SUPPLY AIR. (REFER TO MEP)
- PAINT ALL WALLS, SURFACE MOUNT CONDUITS, SURFACE MOUNT PIPING, AND ALL OTHER MISC ACCESSORIES ATTACHED TO WALL, PT-X. PROVIDE LOW VOC INTERIOR PAINT SYSTEM APPROPRIATE FOR LOW AIRFLOW ENVIRONMENTS AND NO DUST / AIRBORNE PARTICULATES. ALLOW OUTSIDE AIR INTO IT ROOM FOR 24 HOURS AFTER PAINTING IS COMPLETE TO FLUSH OUT SYSTEM.

1 ENLARGED PLAN - SERVER ROOM
 1/4" = 1'-0"



2 REFLECTED CEILING PLAN - LEVEL 1
 1/4" = 1'-0"



A
B
C
D
E

