

August 30, 2019

ADDENDUM NO. 1

ALEXANDER CITY MUNICIPAL COMPLEX
ALEXANDER CITY, ALABAMA



This Addendum No. 1, to the plans and specifications, dated August 8, 2019, consists of Eighteen (18) Pages.

Item No.1: Refer to Advertisement for Bids:

- A. **Bid Date Change:** Sealed proposals will be received in the Conference Room of City Hall, Alexander City Hall, 4 Court Square, Alexander City, Alabama 35010 until 2:00 p.m. CDST on **September 19, 2019** at which time all bids will be publicly opened and read aloud.
- B. A **PRE-BID CONFERENCE** was held at 281 Sales Office Drive, Alexander City, Alabama on **August 28, 2019** at 2:00 PM (local time prevailing) for the purpose of reviewing the project and answering Bidder's questions. See attached Minutes of the Meeting and Sign In Sheet of those in attendance.

Item No. 2: Refer to Plans and Specifications:

- A. Original existing Building Plans are available. A link will be provided to each planholder for your use.

Item No. 3: Refer to Specifications, IT Infrastructure System Specification, Section 2.4.1 Horizontal Cables:

- A. Change last sentence to "Cable color scheme to be blue for voice, yellow for data and green for access control."

Item No. 4: Refer to Specifications, IT Infrastructure System Specification, Section 2.4.3.14:

- A. Add sentence "Provide separate patch panels for voice and data cable terminations."

Item No. 5: Refer to Specifications, IT Infrastructure System Specification, Section 3.1.1:

- A. Change from "City of Auburn IT Department" to Alexander City IT Department".

Item No. 6: Refer to Plans, Sheet E2, Schedules and Details:

- A. Change clouded items as shown on ESD-1 included in this addendum.

Item No. 7: Refer to Plans, Sheet E6, Lower Floor Power Plan:

A. Change clouded area as shown on ESD-2 included in this addendum.

Item No. 8: Refer to Plans, Sheet E9, Lower Floor Auxiliary Systems Plan:

A. Change clouded areas as shown on ESD-3, ESD-4, ESD-5 included in this addendum.

Item No. 9: Refer to Plans, Sheets E9, E10, E11, Auxiliary Systems Plans:

A. Add clouded area as shown on ESD-6 included in this addendum.

Item No. 10: Refer to Plans, Sheet E11, Upper Floor Auxiliary Systems Plan:

A. Change clouded area as shown on ESD-7 included in this addendum.

END OF ADDENDUM NO. 1

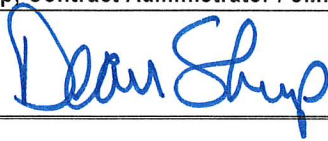
PRE-BID MEETING MINUTES

OWNER: City of Alexander City	ARCHITECT: JMR+H Architecture, PC 445 Dexter Avenue, Suite 5050 Montgomery, Alabama 36104	CONTRACTOR: To be Determined
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PROJECT: Alexander City Municipal Complex	LOCATION: Address to be Determined
COUNTY: Tallapoosa	DATE OF PROJECT VISIT: 28 AUGUST, 2019
SITE CONDITIONS: N/A	WEATHER: N/A
NUMBER OR WORKERS: N/A	ARCHITECT'S PROJECT NUMBER: 18-763
NOTICE TO PROCEED: To be Determined	SCHEDULED STATE OF COMPLETION: To Be Determined
STARTING DATE: To be Determined	ESTIMATED ACTUAL COMPLETION: To be Determined
SCHEDULED COMPLETION DATE: To be Determined	CONTRACTOR'S SUPERINTENDENT: To be Determined
JOB PHONE: To be Determined	EMAIL: To be Determined

Dean Sharp; Contract Administrator / JMR+H ARCHITECTURE, PC

Report No. 1



CC:
Tim Holmes, AIA / JMR+H Architecture, PC
Jeff Cahill, AIA / JMR+H Architecture, PC
Mayor T. Spraggins / City of Alexander City
Mr. A. Jones / City of Alexander City
Ms. Sandy Stanbrough / City of Alexander City
Contractor to be Determined
CA
Project File

Opening Statement: Mr. Holmes thanked the participants for their interest in this project. Please sign the Sign-In Sheet to acknowledge your presence.

(Comments at meeting identified in Bold Underline Italic)

Introduction of Design and Project Management Team:

Architectural: Tim Holmes, AIA / JMR+H Architecture, PC.
Jeff Cahill, AIA / Project Architect / JMR+H Architecture, PC
Dean Sharp, Contract Administrator/ JMR+H Architecture, PC

Mechanical: Mark Kilgore, Whorton Engineering
Electrical: Steven Conoly, Mills-Conoly Engineering
Civil: Brett Kornegay, Gonzalez-Strength & Associates, Inc.
Landscape: William Johnson, Johnson & Company

Mr. Tim Holmes:

There are no verbal answers to any questions.

1. **Minutes of PreBid will be distributed in an addendum with Sign-In Sheet of those in attendance attached.**
2. Pre-Bid is highly recommended for Contractors.
3. All requests for clarification, information, requirements, etc. must be directed, in writing, to **Jeff Cahill, JMR+H Architecture, PC, jcahill@jmrha.com**, Renae Williams, JMR+H Architecture, PC, **specs@jmrha.com**; 334-420-5672 or fax 334-420-5692. Any RFI needs to be identified by specification, sheet number, detail, paragraph number and item involved. **All RFIs and clarifications will be answered in writing in an addendum. Nothing is fact unless it is in writing.** NOTE: All Bidders are cautioned that **in order to get all addenda issuance and other pertinent bidding requirements, they must be a bona-fide plan holder with the Architect.** Any Contractor violating this requirement is at risk with respect to authorized information dissemination.

Request For Information (RFI) cut-off shall be 9 Sept 2019 at 5:00 PM. Final Addendum shall be issued shortly after.

Bid opening shall be 12 Sept 2019 precisely at 2:00 PM in the City of Alexander City Conference Room. Bidders are cautioned that parking is limited and each shall insure adequate time to attend Bid Submission before deadline (see below).

Bids shall be offered without sales tax, but an amount shall be offered to indicate the amount of tax anticipated. All bidders shall provide this information in their bid packages.

Post-Bid Schedule (anticipated):

Award of contract = 2-3 weeks

Start of Construction = 30 days hence

Duration of Construction = 310 days

Additional Access to the Building and Grounds for Survey shall be provided as follows:

30 August 2019; 3 Sept 2019; 5 Sept 2019 and 6 Sept 2019

Hours = 8:00 AM to 5:00 PM

Contractor shall not be required to provide Subcontractor list with Bid Package but shall provide within 2 hours of Bid Deadline

Should Bidders desire to provide materials not listed in Specifications, a Prior Approval form is included in the Specifications. Requests should be offered early in the bidding process to insure adequate time to review and accept/reject. Any Prior Approval forms presented after RFI deadline shall not be considered.

Bidders shall offer Unit Pricing as described in Bid Documents (see below).

Summary of Work (Refer to Specifications, Section 0100):

Work to be Completed by this Contractor:

The work involves the complete interior and selective exterior renovation of the facility structure located at 281 Sales Office Drive, Alexander City, Alabama as indicated on the drawings and specified within the contract documents.

The renovated facility includes demolition and construction of new interior and exterior finishes to achieve a complete and functional facility. The interior finishes include new metal stud/gypsum wall assemblies, VCT, LVT, Tile, carpet flooring, millwork, toilet partitions, acoustical ceiling tile and selective grid replacement. Interior scope also includes painting, removal and reinstallation of existing building finish elements along with a new electric traction elevator installed with existing elevator shaft and pit. Exterior work includes new roofing systems including TPO Membrane and Retro Fit Metal Panel on roof hugger channel roofing system.

The proposed ALEXANDER CITY MUNICIPAL COMPLEX project will consist of the addition of 58 parking stalls along with associated grading and paving. The site will also add fencing, sidewalks, and mechanical yards.

There is an additive alternate to provide seal coating and re-striping of the entire existing parking facility and access drive.

Any and all permits and AHJ approvals to complete the work proposed is the complete responsibility of the contractor. All costs associated with approvals (inclusive of time) shall be a part of the contractor's base bid pricing.

All work bid and performed as part of the parking field improvements shall be done per Alabama Department of Transportation Standard Specifications for Highway Construction, 2012 Edition, unless otherwise noted. These items include, but are not limited to, demolition, patching and repairing, sealing of asphalt cracks, asphalt overlay, striping, concrete paving sections, asphalt paving sections, etc. with fine grading.

Any and all erosion control measures shown on plans, or determined to be necessary during construction, are the complete responsibility of the contractor at no additional costs to the Owner. Contractor to include all erosion control costs, submittal costs, ADEM engineering drawings and fees in the bid and familiarize himself with the site in helping to determine all necessary erosion control measures. Based on the defined disturbed area an ADEM NOI submittal IS NOT REQUIRED because the site disturbance area is less than 1 (one) acre.

Any conflicts between the Drawings and Specifications shall be verified prior to proceeding with the work. In the event of any conflicts, all Bids and pricing shall be based upon the more stringent requirement unless written clarification has been received by the Owner allowing otherwise.

Contractor will fine grade and provide topsoil and hydro-seeding in all areas not receiving paving, assure positive drainage in all proposed and existing ditches, clean and remove all sediment in existing and proposed storm drainage pipes.

Electrical:

Electrical work for this bid item shall include, but is not limited to, electrical demolition, new lighting, receptacles and associated circuits, data and voice cabling and associated equipment, panelboards, fire alarm system and circuits to HVAC equipment. See electrical drawings and specifications for exact work

to be completed for this project.

Mechanical:

1. The work involves all construction including selective demolition and new work required to complete the renovations as shown on the plans and specifications. Work shall include repair to any building components including walls, roof, ceilings, floor, landscaping, roads, lawns, etc. which may become damaged during the construction. Any needed repair shall be complete and shall be sufficient to return the items to pre-construction condition.
2. Work includes HVAC, HVAC controls, and plumbing renovations as shown on the plans and specifications.
3. Bid Items for the work shall be as noted on the architectural plans and specifications. Reference Architectural plans and specifications for complete descriptions of alternates, unit pricing, etc.
4. Work shall include patching of existing floors, ceiling, walls, etc. where existing equipment is being removed. Patching shall include matching the material, color, texture, and finish of surrounding surfaces.
5. Work includes installation of new variable refrigerant flow units, controls, associated duct, grilles, etc. as shown on the plans and specifications.
6. Work includes removal and replacement of existing plumbing fixtures as shown on the plans and specifications.
7. Work includes installation of new plumbing piping as shown on the plans and specifications.
8. Work includes HVAC controls for all new equipment as shown on the plans and specifications.
9. Work includes new exhaust fans, grilles, etc. as shown on the plans and specifications.

ALTERNATES

Mr. Holmes described each Alternate:

- Alternate No. 1:** Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to remove existing Emergency Generator and associated components as indicated on Electrical Drawings. Furnish and install new Emergency Generator and all associated components. See Electrical Drawings and Work Notes.
- Alternate No. 2:** Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to furnish and install all work associated with the main and upper Floor Build-Out as identified in the construction documents. Refer to Mechanical / Electrical / Plumbing drawings for scope.
- Alternate No. 3:** Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to furnish and install new Fountain Pumps. Refer to Mechanical Drawings and Allowance Specification.
- Alternate No. 4:** Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to furnish and install Exterior Landscaping and Irrigation and Interior Landscaping in the Atrium. Refer to Landscape Drawings and Allowance Specification. **Note that Successful Bidder shall protect existing system under Base Bid demolition.**
- Alternate No. 5:** Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to furnish and install Security
-

Fencing and Gates as indicated on the construction documents. Refer to Civil Drawings. **Note that infrastructure to each location remains in Base Bid.**

Alternate No. 6: Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to furnish and install new Seal Coat and Striping as indicated on Civil Drawings.

Alternate No. 7: Each bidder shall include on their proposal the cost including material, labor, taxes, overhead, profit, etc. as an Alternate Price to furnish and install Structured Cabling. Refer to Electrical Drawings. Auxiliary Systems Notes on Sheets E9 – E11. **Note that infrastructure shall remain in Base Bid.**

ALLOWANCES:

Fountain Allowance - \$40,000 – To be included in Alternate No. 3 Only

UNIT PRICES:

A. Each bidder shall include unit prices as listed below:

- | | | | |
|----|--|-------|-----|
| 1. | Furnish and install new stained wood base to match existing | _____ | /LF |
| 2. | Repair/replace GWB to include hanging, finishing, and paint | _____ | /SF |
| 3. | Repair/replace Gypsum Board Bulkheads and Ceilings to include Hanging, finishing, and paint. | _____ | /SF |
| 4. | Furnish and install new above ceiling air barrier to match existing | _____ | /SF |
| 5. | Remove and replace wet/damaged/unsuitable Roof Insulation | _____ | /SF |

Receipt of Proposals:

Sealed proposals will be received from qualified General Contractors in the Conference Room of City Hall, 4 Court Square, Alexander City, Alabama until **2:00 p.m. CDST on September 12, 2019**; and thereafter opened publicly.

1. There are no phones, no services, no private rooms for your use in bidding. The bids will be taken in the Conference Room on the appointed day at the appointed hour.
2. Make sure Proposals have all required documents included, i.e. Immigration Status, E-Verification, Disclosure Statements, etc.

QUESTIONS / COMMENTS:

Q: Are As-Built Drawings of the Building and grounds available?

A: Original Drawings are available, but not purported to be AS-BUILT drawings. First Addendum shall identify procedure for accessing the drawings electronically.

Q: Will any Remediation be required in the project?

A: None is anticipated, although no destructive demolition was performed.

Q: Is electrical MC Cable allowed in the project?

A: Specifications allow for use of MC Cable as long as it is properly secured in wall and ceiling, per code.

Q: Will permit fees be required by City?

A: A permit shall be required but no fees shall be associated.

(Sharp commented that a business permit will likely be required.)

Q: What is exact scope of Structured Cabling Alternate?

A: Scope is identified on Construction Documents E9-E11 and in schedule.

Q: What is actual address of the project site?

A: Address is as listed above in Scope description. A proposal to change the name of Sales Office Drive is in process, but not official. Sales Office Drive shall be used until further notice.

Thank you for coming; make sure you sign the Sign-In Sheet as a record of your attendance.

PRE-BID CONFERENCE

ALEXANDER CITY MUNICIPAL COMPLEX
ALEXANDER CITY, ALABAMA
28 August 2019 / 2:00 PM

	<u>NAME</u>	<u>COMPANY</u>	<u>TELEPHONE / FAX #</u>	<u>E-MAIL ADDRESS</u>
1.	MITCH HENDERSON	HENDERSON & COKER	256-329-9001	mitchh@hendersonandcoker.com
2.	Grady Lamberth	Henderson & Coker	256-329-9001	glamberth@hendersonandcoker.com
3.	DWAYNE BRITTON	AAA General Contractors Inc.	256-329-9843	dwayne@aaagci.com
4.	JAMES DODWELL	AAA General Contractors Inc.	256-329-9843	James@aaagci.com
5.	JAMES ADAMS	FORSYTH BUILDING CO	205-365-0641	jamre@forsythbuilding.com
6.	ARNOLD CLECKLER	FRASIER-DUSLEY	334-872-3496	arnold@frasier-dusley.com
7.	DUANE STEPHENS	MURST CONSTRUCTION	256-835-7745	DUANE@hurstconstruction.com
8.	Brandon Turner	M.J. Brooks & Son Const.	256-249-3734	creekgolf@aol.com
9.	Brent Conrad	Principle Const.	706-616-7898	bconrad@principleco.com
10.	RALPH PATE	WHATLEY CONSTRUCTION	334-319-3528	RALPH@WHATLEYCONSTRUCTION.COM
11.	Will Kirkland	Bailey Harris Construction	334-821-0807	estimating@baileyharris.com

<u>NAME</u>	<u>COMPANY</u>	<u>TELEPHONE / FAX #</u>	<u>E-MAIL ADDRESS</u>
12. MARK KILGORE	WHORTON ENGINEERS	256-820-9897	draw@whortoneng.com
13. Ashlee James	Stone Building	205-225-2443	ajames@stonebuilding.com
14. John Bullard	Bullard-Cook	334-356-4271	bids@bullardcook.com
15. Jason Goodson	OK UPUMENT	334-279-8765	JASON@OKUPUMENT.COM
16. TJ Maloney	R-A-LIN & Associates	205-623-7727	tj.maloney@ra-lin.com
17. Steven Conoly	MCE	(334) 270-0010	scconoly@mills-conoly.com
18. William Johnson	Co	205 324 4447	wjohnson@johnson-co.net
19. Sam Albra	GSA	205 942 2486	Salbra@GSA.gov
20. BRETT KORNIGAY	GSA	205-942-2486	BKORNIGAY@GSA.GOV
21. Jimmy Wigfield		(251) 725-2579	jwigfield@bellsouth.net
22. Sandy Stanbly	Co AC	256-329-6709	sandy.stanbly@alexandercityal.com
23. Al Jones	CITY OF AC	256 329 6708	al.jones@alexandercityal.gov
24. Rob Probsen	CITY OF AL	254 329 1128	Rob.Probsen@alexandercityal.gov
25. Joe Milam	CITY OF AC	256 329-6702	joe.milam@alexandercityal.com

NAME

COMPANY

TELEPHONE / FAX #

E-MAIL ADDRESS

26. Tommy Spraggins City of Alex City 256-329-6703 Tommy.Spraggins@alexandriavirginia.gov

27. TIM HOLMES JMR+H 334.420.5672 tholmes@jmrta.com

28. JEFF CAHILL JMR+H 334.420.5672 jcahill@jmrta.com

29. DEAN SHARP JMR+H 334.868.8310 cell dsharp@jmrta.com

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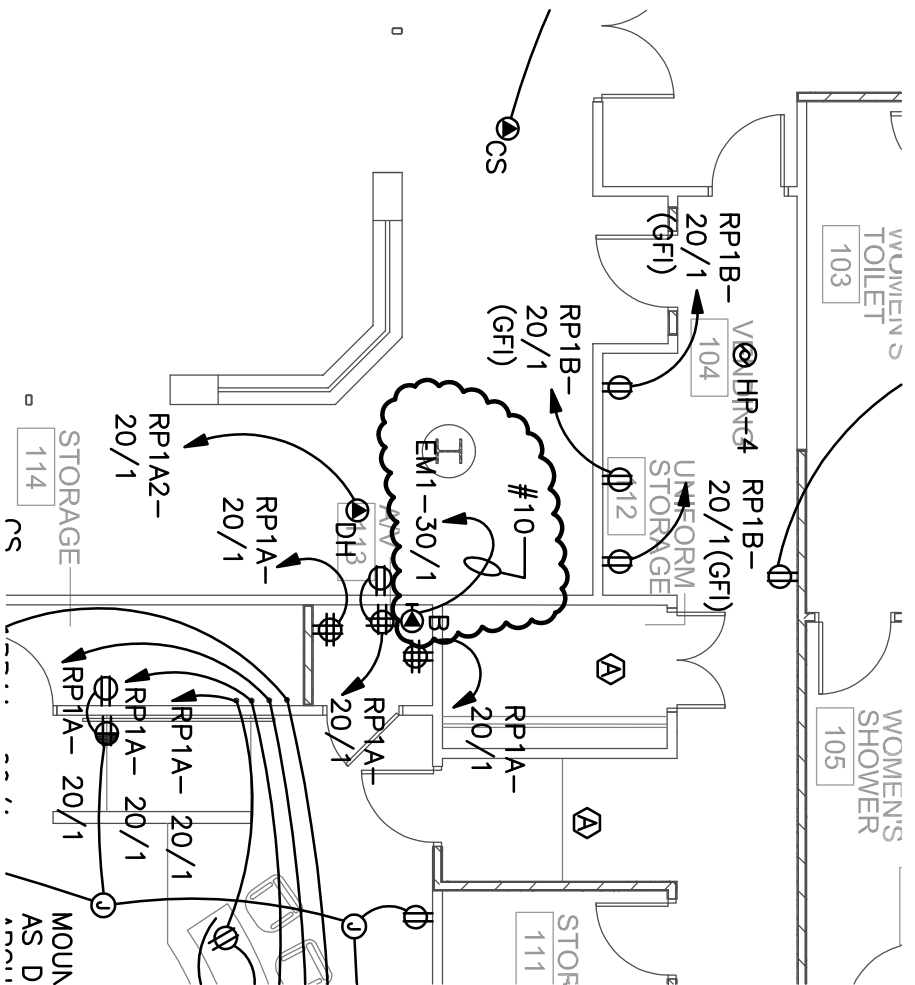
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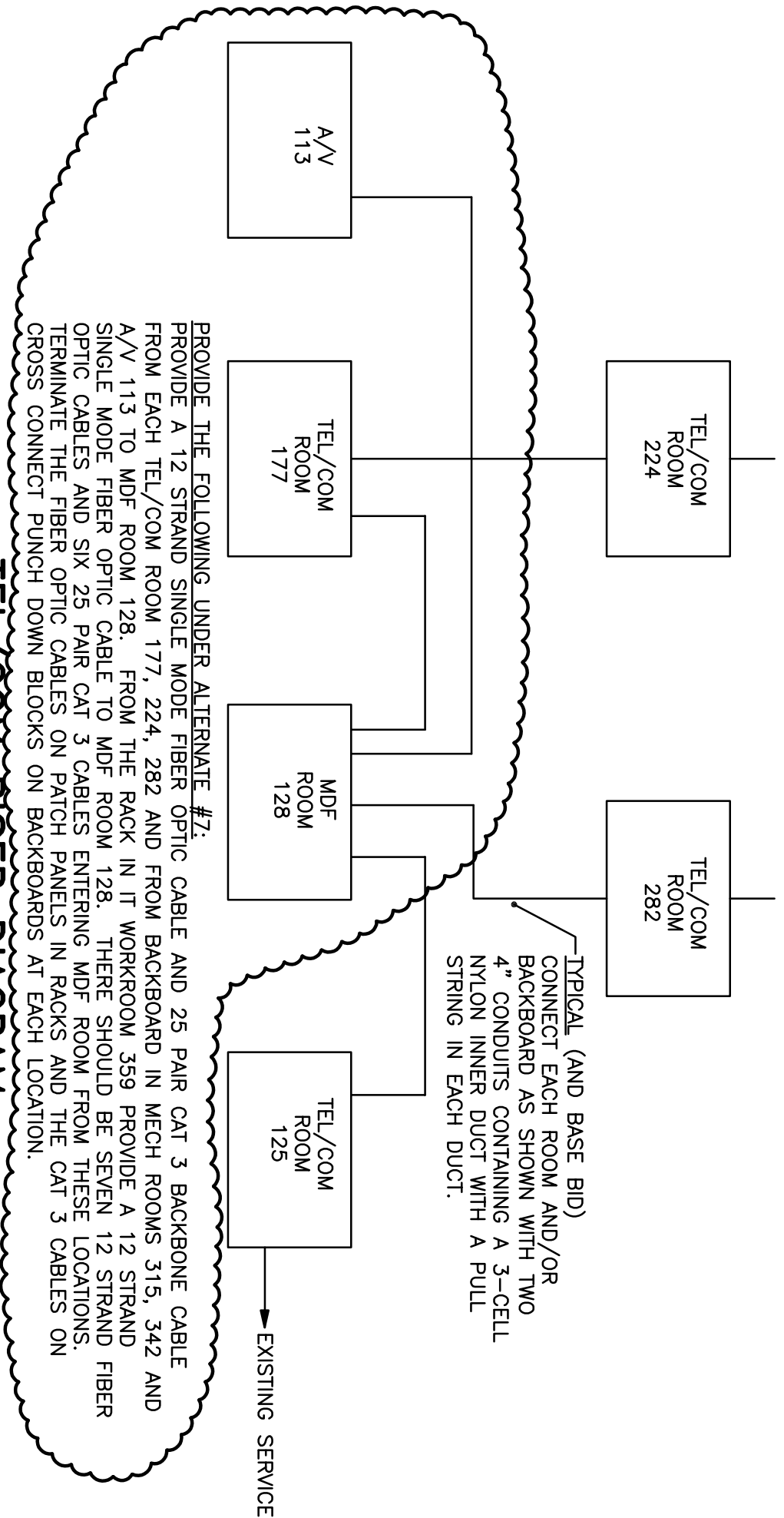
BREAKER SCHEDULE

BREAKERS TO BE INSTALLED

PANEL NAME	20A/1	20A/1 GFCI	25A/1	30A/1	15A/2	20A/2	40A/2	100A/2	TYPE
RP1A	-	1	-	-	-	-	-	-	THQB
RP1B	-	3	-	-	-	-	-	1	THQB
RP1A2	-	-	-	-	1	-	2	-	THQB
RP2A	10	-	-	-	-	1	-	-	THQB
RP2A1	-	-	-	-	5	-	-	-	THQB
RP2A2	-	-	-	-	3	-	-	-	THQB
RP2B	-	6	-	-	-	-	-	-	THQB
RP2B1	-	-	-	-	4	-	-	-	THQB
RP3A	-	-	-	-	-	1	-	-	THQB
RP3A1	-	-	-	-	4	-	-	-	THQB
RP3A2	-	-	-	-	5	-	-	-	THQB
RP3B	-	-	-	-	-	-	-	-	THQB
RP3B2	-	-	-	-	5	-	-	-	THQB
LP1A	-	-	1	-	-	-	-	-	TED
LP2A	2	-	-	-	-	-	-	-	TED
LP2B	1	-	1	-	-	-	-	-	TED
LP3A	2	-	1	-	-	-	-	-	TED
LP3B	1	-	-	-	-	-	-	-	TED
EM1	-	-	-	1	-	-	-	-	THQB
2AEM	-	-	-	1	-	-	-	-	THQB
2BEM	-	-	-	2	-	-	-	-	THQB
3AEM	-	-	-	1	-	-	-	-	THQB
3BEM	-	-	-	1	-	-	-	-	THQB



ESD-2
 AUGUST 30, 2019
 CHANGES TO SHEET E6
 LOWER FLOOR POWER
 PLAN



PROVIDE THE FOLLOWING UNDER ALTERNATE #7:
 PROVIDE A 12 STRAND SINGLE MODE FIBER OPTIC CABLE AND 25 PAIR CAT 3 BACKBONE CABLE FROM EACH TEL/COM ROOM 177, 224, 282 AND FROM BACKBOARD IN MECH ROOMS 315, 342 AND A/V 113 TO MDF ROOM 128. FROM THE RACK IN IT WORKROOM 359 PROVIDE A 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO MDF ROOM 128. THERE SHOULD BE SEVEN 12 STRAND FIBER OPTIC CABLES AND SIX 25 PAIR CAT 3 CABLES ENTERING MDF ROOM FROM THESE LOCATIONS. TERMINATE THE FIBER OPTIC CABLES ON PATCH PANELS IN RACKS AND THE CAT 3 CABLES ON CROSS CONNECT PUNCH DOWN BLOCKS ON BACKBOARDS AT EACH LOCATION.

TYPICAL (AND BASE BID)
 CONNECT EACH ROOM AND/OR BACKBOARD AS SHOWN WITH TWO 4" CONDUITS CONTAINING A 3-CELL NYLON INNER DUCT WITH A PULL STRING IN EACH DUCT.

TEL/COM RISER DIAGRAM

NO SCALE

ESD--3

AUGUST 30, 2019
 CHANGES TO SHEET E9
 LOWER FLOOR AUXILIARY
 SYSTEMS PLAN

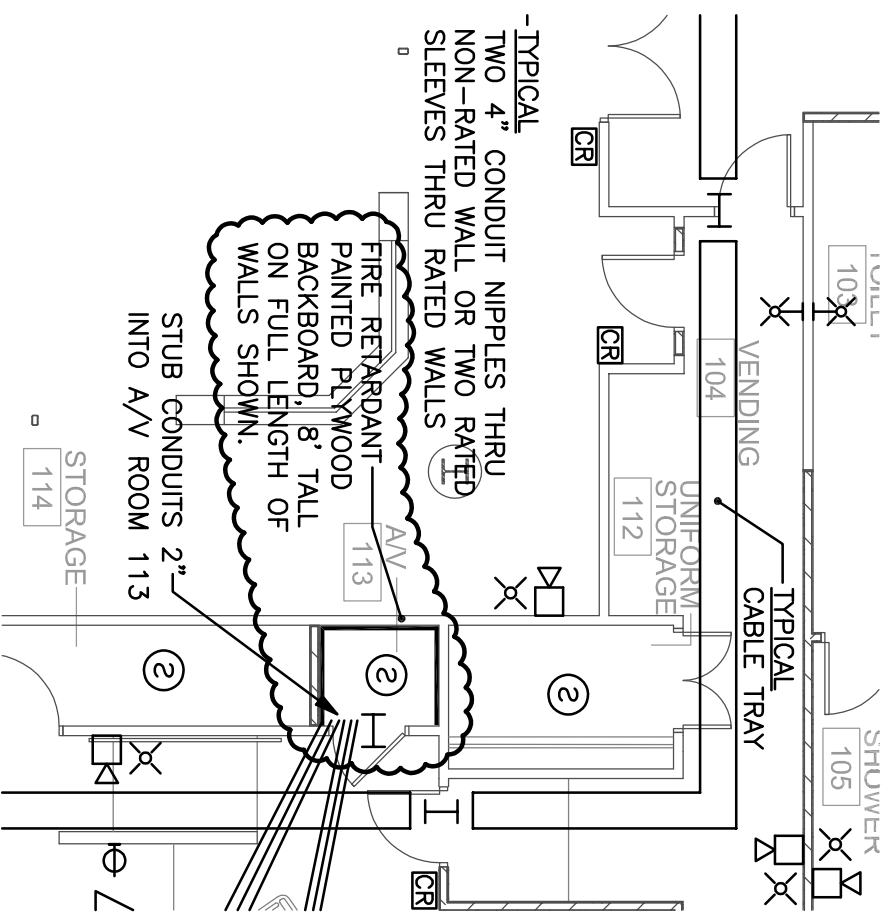
AUXILIARY SYSTEMS NOTES:

1. IN BASE BID RUN FROM EACH TELEPHONE/DATA WALL OUTLET A 3/4" CONDUIT UP IN WALL (UNLESS NOTED OTHERWISE) AND STUB OUT AT AN ACCESSIBLE SPACE ABOVE THE CEILING. UNDER ALTERNATE #7 PROVIDE TWO (OR NUMBER INDICATED BY NUMBER SHOWN ADJACENT TO THE OUTLET) CAT 6 RJ45 JACKS IN THE OUTLET AS DETAILED AND A CAT 6 CABLE FROM EACH JACK AND RUN IN CONDUIT UP WALL TO PATCH PANEL IN RACK IN NEAREST TEL/DATA OR A/V OR MECHANICAL ROOM.
2. IN BASE BID RUN FROM EACH FLOOR OUTLET A CONDUIT AS NOTED FROM THE AUXILIARY SIDE OF BOX ABOVE THE CEILING OF THE FLOOR BELOW (OR BELOW THE SLAB IF ON LOWER LEVEL), UP THRU THE FLOOR, IN THE WALL AND TERMINATE AT WALL OUTLET INDICATED. UNDER ALTERNATE #7 PROVIDE TWO CAT 6 RJ45 JACKS IN THE FLOOR OUTLET (UNLESS NOTED OTHERWISE) SIMILAR TO THAT DETAILED AND A CAT 6 CABLE FROM EACH JACK AND RUN IN CONDUIT THRU WALL OUTLET TO PATCH PANEL IN NEAREST TEL/DATA OR A/V OR MECHANICAL ROOM.
3. IN BASE BID RUN FROM EACH TV WALL OUTLET A 3/4" CONDUIT UP IN WALL AND STUB OUT AT AN ACCESSIBLE SPACE ABOVE THE CEILING. UNDER ALTERNATE #7 PROVIDE TWO COAX RG6 CABLES AND TWO CAT 6 DATA CABLES TO EACH TV OUTLET. RUN CABLES IN CONDUIT UP WALL AND CONCEALED ABOVE THE CEILING. TERMINATE CABLES WITH FEMALE COAX JACKS AND RJ45 JACKS IN COMMON STAINLESS STEEL FACE PLATE. DATA CABLES SHALL HOMERUN TO PATCH PANEL IN NEAREST TEL/DATA OR A/V OR MECHANICAL ROOM AND COAX CABLES SHALL RUN DOWN ON BACKBOARD OF TEL/DATA OR A/V OR MECHANICAL ROOM AND COIL WITH 20' OF SLACK.
4. PROVIDE COLORED JACKS AND CABLES AS FOLLOWS: WHERE TWO CABLES ARE RUN TO AN OUTLET, ONE SHALL BE BLUE FOR VOICE AND ONE SHALL BE YELLOW FOR DATA. WHERE MORE THAN TWO CABLES ARE INDICATED, CONTACT ALEX CITY IT DEPARTMENT FOR NUMBER OF EACH COLOR REQUIRED TO THE OUTLET. THE JACKS SHALL BE SAME COLOR AS THE CABLE. ALL VOICE CABLES SHALL TERMINATE ON SAME PATCH PANEL AND DATA CABLES ON A SEPARATE PATCH PANEL. PROVIDE NUMBER OF PATCH PANELS TO ACCEPT THE CABLES RUN TO IT PLUS CAPACITY FOR 20% MORE CABLES.
5. A CABLE TRAY SYSTEM IS SHOWN ON THE PLANS, BUT IS NOT REQUIRED (EXCEPT IN DISPATCH AND MDF) IF CABLES ARE SUPPORTED BY A CABLE HOOK SYSTEM APPROVED BY THE ENGINEER AND THE ALEX CITY IT DEPARTMENT. IT IS RECOMMENDED TO SUBMIT THE PROPOSED CABLE HOOK SYSTEM AT LEAST TEN (10) DAYS PRIOR TO BID FOR APPROVAL. DATA CABLES SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 4'-0" ON CENTER WHEN NOT IN CONDUIT. CAT 6 DATA CABLES SHALL BE TERMINATED AT BOTH ENDS AND TESTED. TERMINATIONS SHALL BE ON FEMALE JACKS AT OUTLETS AND THE OTHER END ON A PATCH PANEL.
6. UNDER ALTERNATE #7 THE CONTRACTOR SHALL FURNISH THE PATCH PANELS AS DETAILED ON THIS SHEET AND AS REQUIRED TO TERMINATE ALL CABLES TO THAT LOCATION. THE OWNER WILL PROVIDE THE RACK. THE CONTRACTOR SHALL INSTALL THE RACKS PER INSTALLATION INSTRUCTIONS AT LOCATIONS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL INSTALL THE PATCH PANELS IN OWNER'S RACK IN LOCATIONS DIRECTED BY THE OWNER.
7. IN THE BASE BID, THE CONTRACTOR SHALL PROVIDE OUTLET BOXES AND RACEWAYS WITH PULL STRINGS FOR THE DATA SYSTEM WHICH WILL BE PROVIDED BY OTHERS. UNDER ALTERNATE, EACH BIDDER SHALL INCLUDE ON THEIR PROPOSAL THE COST INCLUDING MATERIAL, LABOR, TAXES, OVERHEAD, PROFIT, ETC. TO PROVIDE THE DATA CABLING AND ASSOCIATED JACKS, OUTLETS, PATCH PANELS, RACK INSTALLATION, TERMINATIONS, TESTING, ETC.
8. ONLY QUALIFIED PERSONNEL SPECIALIZING IN DATA INSTALLATION SHALL PROVIDE CONNECTIONS AND TESTING OF THE DATA EQUIPMENT AND CABLES. ALL DATA RELATED WORK SHALL BE INSTALLED IN A NEAT, ORDERLY AND PROFESSIONAL MANNER. SEE SPECIFICATIONS FOR DATA INSTALLER QUALIFICATIONS AND WORK REQUIRED.

ESD-4

AUGUST 30, 2019

CHANGES TO SHEET E9
LOWER FLOOR AUXILIARY
SYSTEMS PLAN



-TYPICAL
TWO 4" CONDUIT NIPPLES THRU
NON-RATED WALL OR TWO RATED
SLEEVES THRU RATED WALLS

FIRE RETARDANT
PAINTED PLYWOOD
BACKBOARD, 8' TALL
ON FULL LENGTH OF
WALLS SHOWN.

STUB CONDUITS 2"
INTO A/V ROOM 113

STORAGE
114

ESD-5
AUGUST 30, 2019
CHANGES TO SHEET E9
LOWER FLOOR AUXILIARY
SYSTEMS PLAN

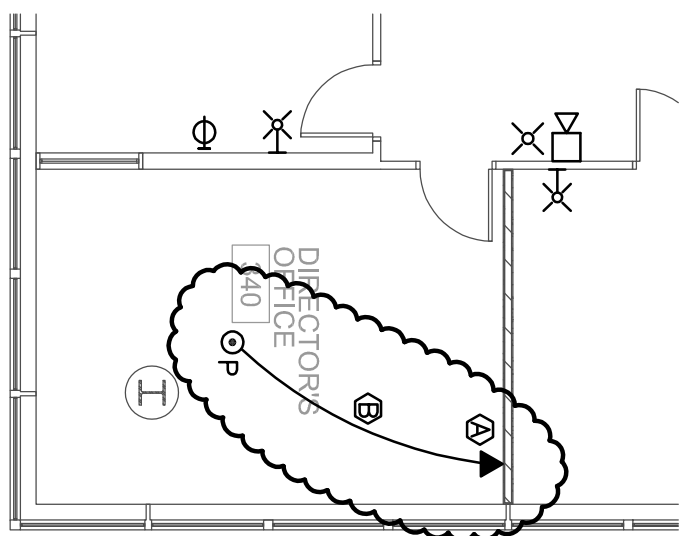
NOTE
THE CONTRACTOR HAS THE OPTION OF PROVIDING A CABLE TRAY (UNLESS STATED OTHERWISE IN CERTAIN AREAS) AS SHOWN AND SPECIFIED OR BY PROVIDING A CABLE HOOK SYSTEM DESIGNED TO SUPPORT TEL/DATA CABLES (SEE AUXILIARY SYSTEM NOTE 5). CABLE TRAY SHALL BE PROVIDED IN DISPATCH 141 AND MDF 128 AS SHOWN. IF A CABLE HOOK SYSTEM IS PROVIDED, THEN CABLES PASSING THRU WALLS SHALL HAVE NIPPLES AT NON-RATED WALLS OR RATED SLEEVES AT RATED WALLS. CONDUITS SHALL BE ABOVE INACCESSIBLE CEILINGS. CONDUITS AND SLEEVES SHALL BE SIZED FOR THE CABLES INSTALLED PLUS 25% SPARE CAPACITY.

ESD--6

AUGUST 30, 2019
CHANGES TO SHEETS E9, E10, E11
AUXILIARY SYSTEMS PLANS

REFERENCED NOTES

- Ⓐ FROM THIS TEL/DATA OUTLET RUN TWO 1" CONDUITS UP IN WALL AND STUB OUT AT AN ACCESSIBLE SPACE ABOVE THE CEILING.
- Ⓑ RUN TWO 1" CONDUITS UNDER THE SLAB FROM AUXILIARY SIDE OF FLOOR OUTLET TO TEL/DATA OUTLET ON WALL.



ESD--7

AUGUST 30, 2019
CHANGES TO SHEET E11
UPPER FLOOR AUXILIARY
SYSTEMS PLAN