



November 25, 2015

Mr. Steve Cherry
Murphy Graves Trimble
3399 Tates Creek Road, STE 250
Lexington, KY 40502

Re: Proposal Review
MGT PR 30 – Plumbing change Unisex 145B, IDF 145A, Shift Supervisor 147 and
Dispatch 146A.
Emergency Operations Center Phase 1B
Lexington Fayette Urban County Government
Lexington, Kentucky
Marcum No. 13618

Steve,

In an effort to expedite the review and approval process, Marcum, Churchill McGee and T&S Piping met on site Monday, November 23, 2015 and agreed to a modification in the work requested (and reflected in the attached sketches XP04 and XP05) as well as the proposal amount. Marcum Engineering has reviewed the referenced 10/6/15 proposal for (\$8,318.97) from Churchill McGee LLC agrees with the amended proposal amount of \$3045.12 for the modified work proposed and would recommend acceptance.

Please let me know if you have any questions.

Sincerely,

MARCUM ENGINEERING, LLC

A handwritten signature in black ink, appearing to read 'Johnny Baucum', with a long horizontal flourish extending to the right.

Johnny Baucum, Construction Administrator

Attachments:

Revised Sketches XPO4 & XP05
Amended Proposal 30 From MGT (With Marcum Comments)

500 South 17th Street • P.O. Box 120 • Paducah, KY 42002-0120
Phone 270-444-9274 • Fax 270-443-1904
www.marcumengineering.net

Cc: Chuck Trimble, MGT
Andrea Bradford, MGT
Jim Leake, MGT
Brent Baker, Marcum Engineering
Tony Gray, Marcum Engineering
Baccus Oliver, Marcum Engineering



Proposal Request 30

Date Issued: 10/6/2015

Murphy + Graves Project No. 1316

Project: LFUCG PSOC

Attachments: RFP Marcum Engineering

Issued by: Johnny Baucum, Marcum Engineering via Andrea Bradford

Subject: Plumbing Modification Unisex 145B, IDF 145A, Shift Supervisor 147, and 911 Dispatch 146A

See attached RFP from Macum Engineering.

Provide a proposal for the scope of work described in these documents, complete with breakdown.

PUBLIC SAFETY OPERATIONS CENTER
LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT
LEXINGTON, KENTUCKY
MURPHY GRAVES TRIMBLE ARCHITECTS NO. 1316
MARCUM NO. 13618

MPE REQUEST FOR PROPOSAL

TO: Andrea Bradford, Murphy Graves Trimble

CC: Steve Cherry, Murphy Graves Trimble
Perry Warren, Murphy Graves Trimble
Jim Leake, Murphy Graves Trimble
Pat McFeely, Mission Critical Partners
Robert Lafaye, Mission Critical Partners
Jim Krebs, Mission Critical Partners
Tony Gray, Marcum Engineering
Baccus L. Oliver, Marcum Engineering

FROM: Johnny Baucum, Marcum Engineering

DATE: October 2, 2015

SUBJECT: RFP 4 – Plumbing Modification Unisex 145B, IDF 145A, Shift Supervisor 147, and 911 Dispatch 146A.

RATIONALE:

Plumbing modifications required for revised floor plan.

INSTRUCTIONS:

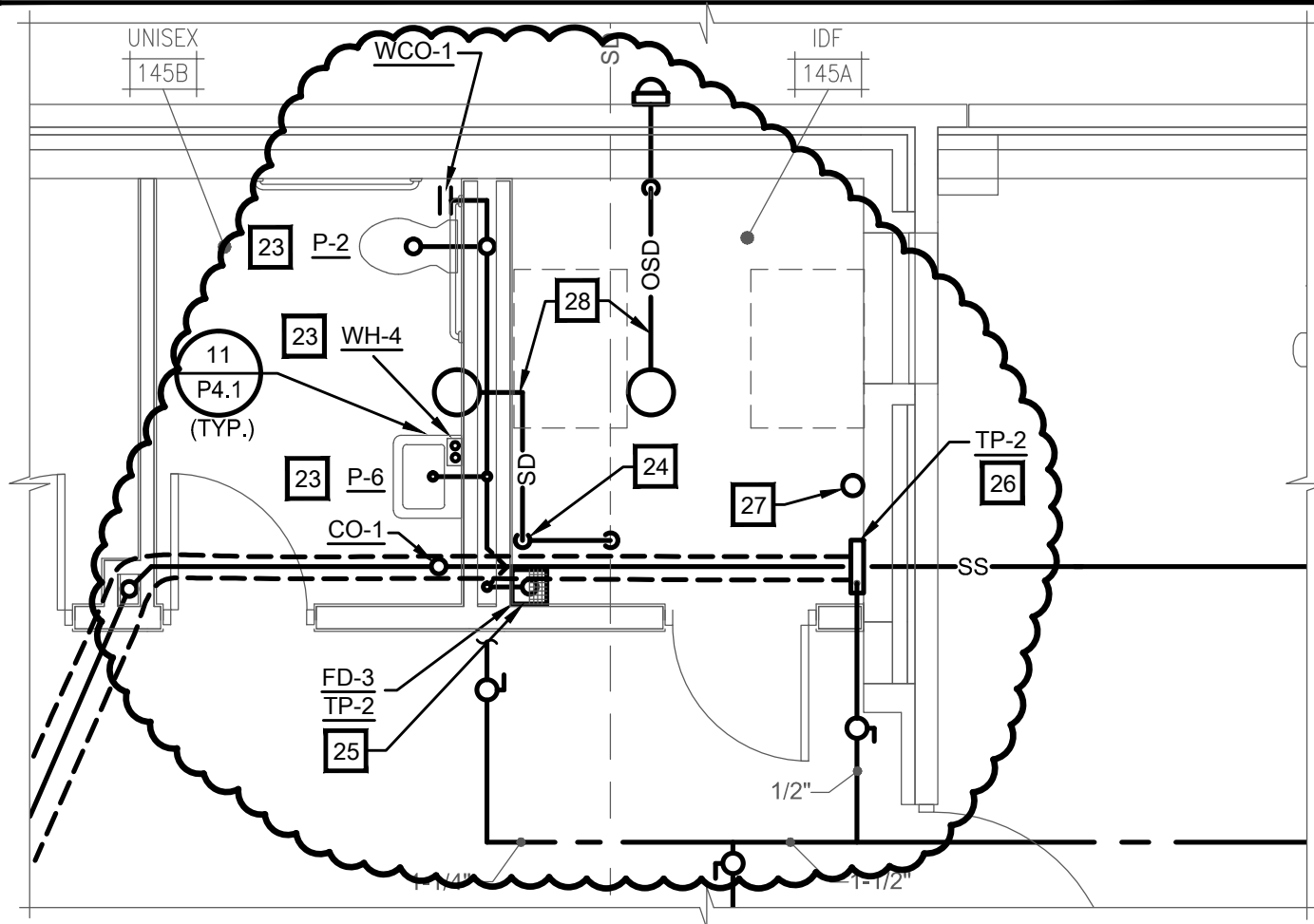
The Contractor shall modify the storm drain piping, overflow piping, sanitary drains and vents, trap primer piping and domestic water piping as depicted in Sketches XP04 and XP05 to accommodate the revised floor plan.

The Contractor shall provide a proposal to furnish and install (1) additional FD-3 floor sink as shown on Sketch XP04. Floor sink shall be installed under raised floor and 1" above concrete slab below.

ATTACHMENTS:

1. Sketch XP04
2. Sketch XP05

END OF DOCUMENT



MECHANICAL CONSTRUCTION NOTES

#

(APPLIES TO THIS DRAWING ONLY)

23	ROUGH-IN PLUMBING FOR FUTURE P-2, WH-4, AND P-6 AT FUTURE RAISED FLOOR HEIGHT (APPROXIMATELY 20"). REFER TO ARCHITECTURAL DRAWINGS.
24	LOCATE STORM DRAIN TO DROP ALONG WALL IN IDF ROOM. CONNECT TO EXISTING UNDERSLAB MAIN BY SAWCUTTING AND PATCHING EXISTING CONCRETE FLOOR.
25	LOCATE FLOOR DRAIN IN EXISTING FLOOR SLAB WITH 1" RAISED RIM. DRAIN WILL BE BENEATH FUTURE ACCESS FLOORING.
26	LOCATE AS SHOWN WITH BACK OF UNIT 1 1/4" OFF OF EXISTING PRE-CAST WALL TO ALLOW FOR HAT CHANNEL AND SHEET ROCK. COORDINATE WITH ARCHITECTURAL WALL DETAIL.
27	WALL MOUNTED CHEMICAL FIRE SUPPRESSION TANK LOCATION.
28	ROUTE HORIZONTAL DRAIN LINES TIGHT AGAINST CONCRETE ROOF STRUCTURE TO ALLOW FUTURE CEILING OF 8'-6" AFF.

REFER TO DRAWING P1.1



500 SOUTH 17th STREET - PADUCAH, KENTUCKY 42002-0120
 PHONE - 270.444.9274 FAX - 270.443.1904
 www.marcumengineering.net

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PROJECT NO.
13618

DATE:
11/25/15

DRAWN BY:
RTW

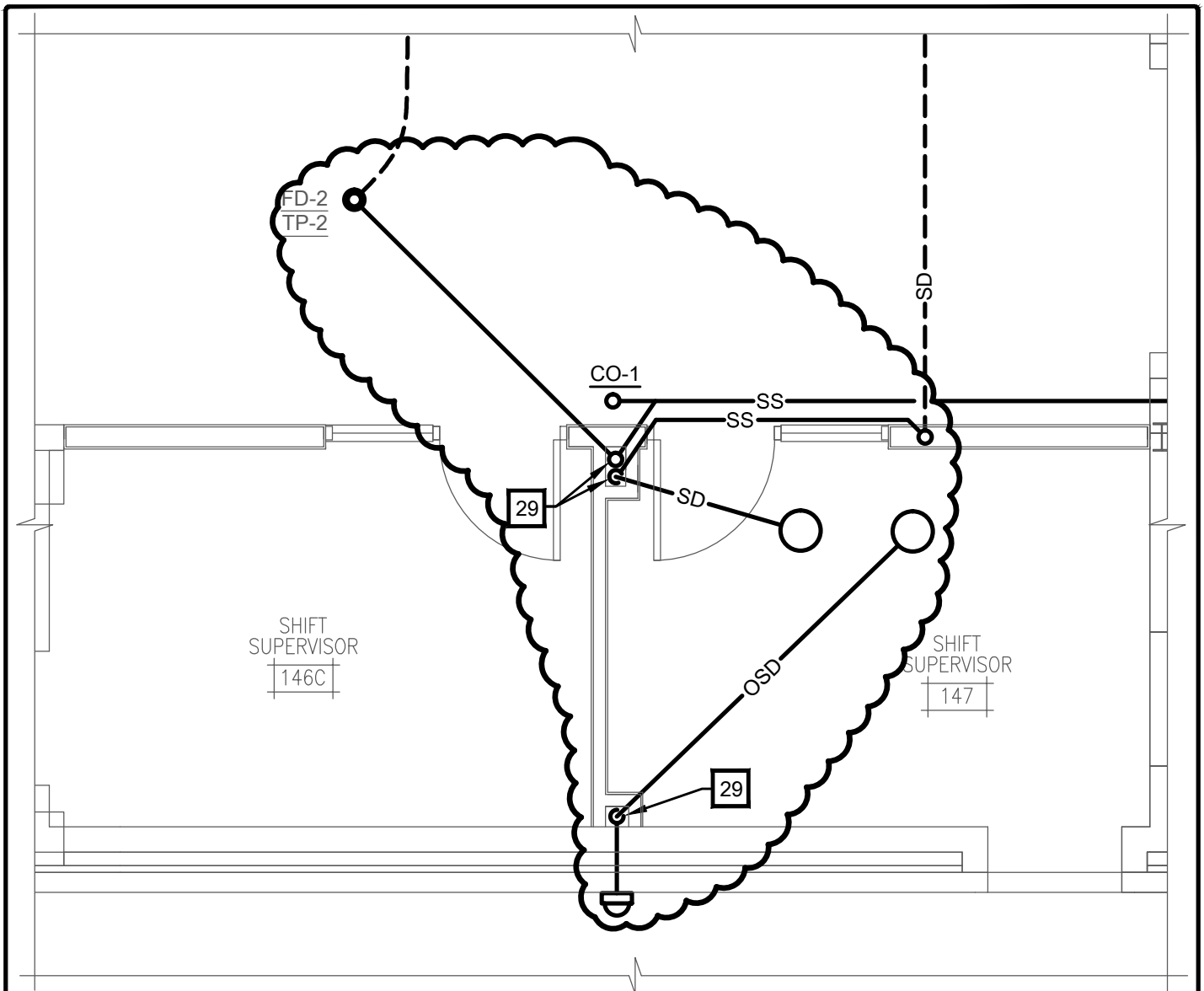
SCALE:
NONE

REVISED PLUMBING AT 145A & 145B.

LFUCG PUBLIC SAFETY
 OPERATIONS CENTER
 PHASE 1B - RENOVATION

SHEET

XP04



MECHANICAL CONSTRUCTION NOTES

#

(APPLIES TO THIS DRAWING ONLY)

29 LOCATE VERTICAL PIPING AT FUTURE CHASE LOCATION.

REFER TO DRAWING P1.1



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 PHONE - 270.444.9274 FAX - 270.443.1904
 www.marcumengineering.net

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PROJECT NO.
13618

DATE:
11/25/15

DRAWN BY:
RTW

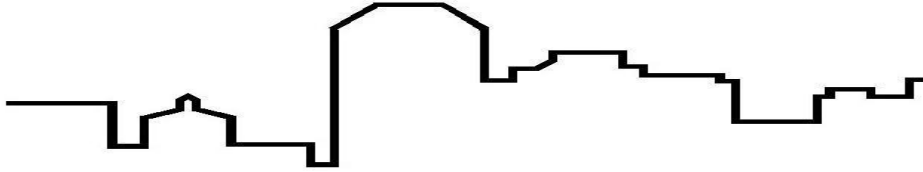
SCALE:
NONE

REVISED PLUMBING AT 146C & 147.

LFUCG PUBLIC SAFETY
 OPERATIONS CENTER
 PHASE 1B - RENOVATION

SHEET

XP05



CHURCHILL McGEE, LLC

1315-C West Main Street
phone (859) 389-6976

Lexington, Kentucky 40508
fax (859) 389-6986

Owner Change Order Proposal #30 Plumbing Modification Unisex 145B, IDF 145A, Shift Supervisor 147, and 911 Dispatch

Project: Public Safety Operations Center	Date: 11/16/15
Project Number: MGT 1316	
You are authorizing us to perform the following additional work:	
Modify the storm drain piping, overflow piping, sanitary drains and vents, trap primer piping and domestic water piping as depicted in Sketches XP04 and XP05 to accommodate the revised floor plan. Furnish and install (1) additional FD-3 floor sink as shown on Sketch XP04. Floor sink shall be installed under raised floor and 1" above concrete slab below.	
Plumbing scope cost: (attached)	\$4,733.89 2900.11
Concrete scope cost: (attached)	\$2,000.00 not required
Dumpster cost:	\$500.00 not required
Sub Total: \$7,233.89 2900.11	
5% Mark Up: \$1,000.00 145.01	
Total: \$8,218.07 3045.12	
Total Change Order Cost	
Project schedule will not increase.	
We hereby authorize the above change order to be completed Additional work is to be performed under the same conditions as specified in the original contract unless stipulated otherwise.	
Date: _____	Owners Signature: _____

Churchill McGee LLC

Date: _____

Authorized Signature: _____

NOTE: The above referenced change order revisions will only modify the original contract scope of work as specifically addressed in this change order. All other terms and conditions of the original contract will not change.



750 Danville Rd. Loop 1
Nicholasville, KY 40356
Ph. (859) 983-4292
Fax (859) 887-8093

10-16-15
To: Churchill Mcgee
Attn: Jeff Griffith
Re: LFUCG Public Safety Operations Center Renovation

Change Order Request

We propose to provide the following per PR #30:

- 1) Saw cut floor slab and relocate (2) 4" storm drain vertical risers approximately 15' (total).
- 2) Minor additional floor slab saw cut and supply and install (1) additional FD-3 floor sink with waste, vent, and trap primer connections.
- 3) Additional floor slab saw cut and additional waste piping below ground to move location of future restroom waste rough-ins and north side FD-2 vent approximately 3' west of previous locations.
- 4) Labor and materials to install new unistrut support stand for relocated TP-2 electronic trap primer.

Items not included in this pricing change submittal:

- 1) Concrete floor slab patch/replacement is not included.
- 2) Offsite disposal of excavation spoils/concrete spoils is by general contractor and is not included.
- 3) Locations of (2) FD-2 floor drain bodies do not change.
- 4) Exterior wall penetrations/locations of (2) DSN-1 downspout nozzles shall remain and do not change.
- 5) Supply or installation of WCO-1, P-2, P-6, WH-4, and CO-1 plumbing fixtures at north side future restroom are in future phase 2 scope of work and are not included.
- 6) All locations are estimated by MEP plan scaling; no dimensioned drawings were submitted as part of PR #30 and no liability for location accuracy is implied by submittal of this pricing proposal. If future release of dimensioned drawings indicate additional work needed due to inaccuracy in estimating locations by this contractor, additional costs may be assessed.

TP-2 can be mounted to the structure that will allow for final mounting.

Pricing breakdown:

>Labor:

- ✓ 4 hours plumber/pipefitter (layout and marking for concrete slab cut) @ \$45.56/hr - \$182.24
- ✓ 10 hours plumber/pipefitter (underground storm piping) @ \$45.56/hr - \$455.60
- ✓ 10 hours Laborer Building Group 3 (general labor related to underground storm) @ \$31.50/hr - \$315.00
- ✓ 8 hours plumber/pipefitter (installation of new FD-3 floor sink) @ \$45.56/hr - \$364.48
- ✓ 8 hours Laborer Building Group 3 (general labor related to installation of FD-3) @ \$31.50/hr - \$252.00
- 6 hours plumber/pipefitter (installation of unistrut support for TP-2 trap primer) @ \$45.56/hr - \$273.36
- 6 hours Laborer Building Group 3 (general labor related to TP-2 support stand) @ \$31.50/hr - \$189.00

TP-2 was in the original contract and the trap primer lines became shorter in the RFP not longer.

Deduct from proposal.

Subtotal - ~~\$2,031.68~~ **1569.32**

Additional employer paid social security and medicare taxes at 7.6% of total - ~~\$154.41~~ **119.27**

Employer paid KY unemployment tax at 4% of total - ~~\$81.27~~ **62.77**

Total Labor cost - ~~\$2,267.36~~ **1751.36**

>Materials:

40' - 4" sch. 40 PVC pipe - \$95.40

20' - 2" sch. 40 PVC pipe - \$25.44

~~50' - 1/2" "K" soft copper tubing - \$148.40~~

5 - 4" PVC DWV 90s - \$42.91

1 - 4" PVC DWV double wye - \$23.73

1 - 4" PVC DWV 45 - \$8.18

1 - 4" x 2" PVC DWV tee - \$8.52

1 - 4" PVC "P" trap - \$35.59

1 - 2" PVC DWV 90 - \$4.47

1 - 2" PVC DWV tee - \$4.83

1 - FD-3 floor sink - \$636.03

~~20' - 1 5/8" x 1 5/8" plated unistrut - \$32.24~~

~~2 - unistrut feet - \$7.02~~

~~4 - 90 degree strut connectors - \$5.20~~

~~20 - 3/8" x 1 1/4" plated bolts/nuts/washers - \$8.22~~

Total Materials cost - ~~\$1,086.18~~ **885.10**

>Subcontractor fees:

Approximately 20 linear feet concrete cut and removal, Diamond Cut & Core - ~~\$950.00~~

Total subcontractor fees - ~~\$950.00~~

Total cost, all items - ~~\$4,303.54~~ 2636.46

>Subcontractor Overhead and Profit allowance at 10%: ~~\$430.35~~ **263.65**

Total change order amount requested: ~~\$4,733.89~~ **2900.11**

This should be the total cost of the change.

Certified by: Tom Swartz, President

Turley Concrete Construction Company
 2733 Jessica Lane
 Lexington, KY 40511
 (859) 259-1021 (H)
 (859) 621-0274 (C)

Invoice No. **TCC1113201502110**

INVOICE

Customer

Name Churchill/ McGee
 Address LFUG PSOC 115 Cisco Road
 City Lexington State KY ZIP _____
 Phone _____

Date 11/13/2015
 Order No. _____
 Rep _____
 FOB _____

Qty	Description	Unit Price	TOTAL
	Quote for Phase 2 concrete Patchng		
1	25 lf x 2' wide of concrete pouring at excavated plumbing ditches . Include dowels at 2' on center for PR 30	\$2,000.00	\$2,000.00
<div style="border: 2px dashed red; padding: 10px; margin: 10px auto; width: 80%;"> <p>Not required. No additional concrete will be removed as part of this proposal.</p> </div>			

Payment Details

- Cash
- Check
- Credit Card

payable to James Turley

SubTotal	\$2,000.00
Shipping & Handling	
Taxes	State
TOTAL	\$2,000.00

Office Use Only