

P & M DRYWALL, INC.

ROC #090014-D CR10

P.O. Box 91874 Tucson, AZ 85752
(520) 744-1255 FAX (520) 825-8459

FACSIMILE TRANSMITTAL

DATE: 6-3-19 FAX #: _____
TO: Paul Pena COMPANY: Lloyd Const.
FROM: Mark RE: Historic Court House II

COMMENTS: Wall types

8"	18ga	5/8 F.C. x2	19'	@ 152"	Ln ft
6"	18ga	5/8 x1	155'	@ 148"	"
6"	18ga	5/8 x2	50'	@ 144"	"
6"	18ga	Framing only	180'	@ 93"	"
4"	18ga	5/8 x2	53'	@ 143"	"
4"	C+H	1" liner 5/8 x1	18'	@ 126"	"
6"	30mil	5/8 x1	373'	@ 113"	"

_____ PAGES INCLUDING TRANSMITTAL

REPLY REQUESTED: YES NO

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FACSIMILE TRANSMITTAL

DATE: 6-3-19 FAX #: _____
TO: Paul Peng COMPANY: Lloyd Const.
FROM: Mark RE: Historic Court house II

COMMENTS: Paul,
I have revised my bid and added
a VE item.

Wall types footage of each and
Ln Ft price

Thanks

4 PAGES INCLUDING TRANSMITTAL

REPLY REQUESTED: YES NO

P & M DRYWALL, INC.

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FACSIMILE TRANSMITTAL

DATE: 6-3-19

FAX #: _____

TO: Paul Pena

COMPANY: Lloyd Const.

FROM: mark

RE: Historic Court house II

COMMENTS: With the answer to RFI #7 the
revised bid 459,177.

If we can do Hock & trowel texture
through out inlieu of Smooth finish savings
would be 57,059.

____ PAGES INCLUDING TRANSMITTAL

REPLY REQUESTED:

YES NO

P & M DRYWALL, INC.

ROC #090014-D (CR10)

P.O. Box 91874 Tucson, AZ 85752
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FACSIMILE TRANSITTAL BID SHEET

JOB BIDDING: Historic Court House Phase 2

DATE: 6-10-19

TO: Joe / Paul

FROM: mark

COMPLETE IN PLACE: ✓

PER PLAN & SPEC: ✓

ADDENDUM ACKNOWLEDGED: /

BID INCLUDES: Scope remains the same
See Attached

BID EXCLUDES: remains the same
See Attached

* IF Hook + Travel texture can be done
Inlieu of smooth credit would be
<38,000>

BASE BID AMOUNT: 346,056 OTHER: UoFA 283,766

Pimac 62,290.
PAGES INCLUDING TRANSMITTAL PAGE

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P.O. Box 91874 Tucson, AZ 85752
(520) 744-1255 FAX (520) 825-8459

FACSIMILE TRANSMITTAL BID SHEET

JOB BIDDING: Historic Court House Phase II

DATE: 5-24-19

TO: Paul Pena

FROM: Mark

COMPLETE IN PLACE: ✓

PER PLAN & SPEC: ✓

ADDENDUM ACKNOWLEDGED: 1

BID INCLUDES: See Attached

BID EXCLUDES: Taxes, bonds, removal of debris
from site, backing wood or metal, Sound &
thermal insulation, Sealants Fire & acoustic,
demo, structural steel, Dtl 16 on A-205
plaster repairs, wire lath,

BASE BID AMOUNT: ~~489,172~~
PAGES INCLUDING TRANSMITTAL PAGE

OTHER: ~~40FA 353,042~~
~~Pima C. 86,135~~

MAD.

P & M DRYWALL, INC.

ROC #090014-D CR10

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(520) 744-1255 FAX (520) 825-8459

FACSIMILE TRANSMITTAL

DATE: 5-24-19

FAX #: _____

TO: Paul Pena

COMPANY: Lloyd Const.

FROM: mark

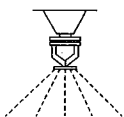
RE: Historic Court house
phase 2

^{Scope}
COMMENTS: 6" 3 5/8" 10" 30 mil studs, 4" c&H studs w/
liner panels, 4" 6" 8" 18ga studs, 6" 33 mil
Joist, 3 5/8" 6" defelection (slotted) Tracks
5/8 F.C., 5/8 denshield, 1" liner panels,
match existing finish

____ PAGES INCLUDING TRANSMITTAL

REPLY REQUESTED:

YES NO



KAZAL FIRE PROTECTION, INC
1ST IN QUALITY - PEOPLE WITH PRIDE
COMPLETE FIRE PROTECTION SYSTEMS

3499 E. 34th Street : Tucson, Arizona 85713
Phone: (520) 323-1518 · Fax: (520) 323-3572
www.kazalfire.com
AZ Licenses: ROC 058194 (C-16) 076006(L-16)
NM Licenses: MS12-376777

PROPOSAL

Bid To : LLOYD Construction Company

Attn : Paul Pena

Phone : 884-9821

Fax : 884-1761

From : Paul Gregg

Ref # : 190420

Date : 6/13/2019

Page 1 of 2

Project : PIMA COUNTY HISTORIC COURTHOUSE PHASE II

TOTAL : \$42,166.00

DESCRIPTION OF WORK

Specification:

MODIFY AND EXTEND EXISTING WET PIPE FIRE SPRINKLER SYSTEM TO CONFORM TO NEW FLOOR PLAN

New sprinkler heads in grid ceiling are to be concealed with white cover plates.

New sprinkler heads located in slatted ceilings are to be concealed with color matched cover plates

Relocate existing sprinkler piping and branch lines on the first floor North as shown on FP/Plumbing sheets.

Provide and install new sprinkler piping and sprinkler heads in Dillinger court room once ceiling is either made safe or access is provided.

Existing shell space upright coverage is to remain as is except in areas of remodel.

Area to be calculated as light hazard with a design density of 0.10/1500 sqft in public areas.

In areas with grid ceiling sprinkler heads are to be located center tile.

Fire sprinkler system is to be back in service at the end of each day.

Work to be done during regular business hours.

Fire sprinkler rough in is to take place prior to new ceiling grid or framing being installed.

In display areas with special ceilings sprinkler heads are to be installed accordingly.

Proposal assumes new sound absorption will be installed in the ceiling cavities above the sprinkler heads and will not have an adverse effect on the sprinkler system.

Plans and permit are included in this proposal.

UA SPACE

LABOR: \$19,105.00

MATERIAL: \$5,871.00

PIMA COUNTY SPACE

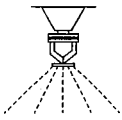
LABOR: \$11,688.00

MATERIAL: \$5,502.00

Exclusions: Cut, Patch, Paint, Electrical, Bonding, Shut down fee, Fire watch, Scaffolding, Special engineering. Any rework associated with prior phase.

Accepted by: _____

Date: _____



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www.kazalfire.com
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PROPOSAL

Bid To : LLOYD Construction Company

Attn : Paul Pena

Phone : 884-9821

Fax : 884-1761

From : Paul Gregg

Ref # : 190420

Date : 6/13/2019

Page 2 of 2

Project : **PIMA COUNTY HISTORIC COURTHOUSE PHASE II**

QUALIFICATIONS:

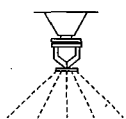
It is understood that this quote includes compliance with all federal and state safety and health laws and regulations that fall under the OSHA Standards for Construction, Army Corps. of Engineers EM-385.1.1, and MSHA standards ONLY. Any and all other safety requirements such as GMR's, Etc. are specifically excluded from this proposal.

This proposal specifically excludes any third party payment system fees such as Textura, etc.

Withstanding any project specifications or requirements, this proposal is predicated on KFP being paid promptly for materials stored on site as per our submitted Schedule of Values.

CONFINED SPACE:

This proposal does not consider any Confined Space areas or mandates which may be required by OSHA. The identification of any Confined Space is the responsibility of the General Contractor and/or Owner. Any areas identified by the GC/Owner as Confined Space after our bid is tendered and not Specifically called out in our proposal above will require a modification to our contract before proceeding.



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PROPOSAL

Bid To : LLOYD Construction Company

Attn : Paul Pena

Phone : 884-9821

Fax : 884-1761

From : Paul Gregg

Ref # : 190420

Date : 5/24/2019

Page 1 of 2

Project : **PIMA COUNTY HISTORIC COURTHOUSE PHASE II**

TOTAL : \$42,166.00

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Proposal assumes new sound absorption will be installed in the ceiling cavities above the sprinkler heads and will not have an adverse effect on the sprinkler system.

Plans and permit are included in this proposal.

UA SPACE

LABOR: \$4,458.00

MATERIAL: \$1,059.00

PIMA COUNTY SPACE

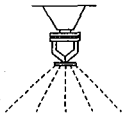
LABOR: \$29,616.00

MATERIAL: \$7,033.00

Exclusions: Cut, Patch, Paint, Electrical, Bonding, Shut down fee, Fire watch, Scaffolding, Special engineering. Any rework associated with prior phase.

Accepted by: _____

Date: _____



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PROPOSAL

Bid To : LLOYD Construction Company

Attn : Paul Pena

Phone : 884-9821

Fax : 884-1761

From : Paul Gregg

Ref # : 190420

Date : 5/24/2019

Page 2 of 2

Project : **PIMA COUNTY HISTORIC COURTHOUSE PHASE II**

QUALIFICATIONS:

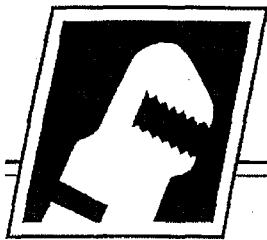
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QUALIFIED

MECHANICAL CONTRACTORS, INC.

SCOPE LETTER

SBE, M/WBE – DBE CERTIFIED

AIR CONDITIONING R.O.C. #107302 L-39*PLUMBING R.O.C. #072813 L-37

PROJECT: HISTORIC COURTHOUSE PHASE 2 TI LOWER LVL OPTION I 6" Water

DATE: 6-17-2019

STANDARD INCLUSIONS:

PLUMBING 5 feet stubbed out	YES
HVAC	NO
SITE UTILITIES	NO
GENERAL SHEET METAL	NO
BASE BID	\$28,622.35

STANDARD EXCLUSIONS: (Unless specifically stated elsewhere on this page)

DEMOLITION*PAINTING*PATCHING*PERMITS*FEES*TAXES*BONDS*CONCRETE*CONCRETE OR MASONRY SAW CUTTING OR CORING*ELECTRICAL*STARTERS*DISCONNECTS*LINE VOLTAGE WIRING*INTERLOCK WIRING*FIRESTOPPING*WATER METERS*BACKFLOW CERTIFICATIONS*CANOPY-WORK*PREFINISHED AND NON-GALVANIZED METALS*DUMPSTERS*ARCHITECTURAL CAULKING*STRUCTURAL AND ARCHITECTURAL METAL, LOUVERS AND ACCESS DOORS*ROOF EXPANSION JOINTS*CURB LEVELING*ROOF PATCHING*WALL, FLOOR AND ROOF PENETRATIONS FOR HVAC*CURB LEVELING*EMCS CONTROLS*TYPE I, TYPE II AND FUME HOODS*CONCRETE OR HOUSEKEEPING PADS*BLOCKING/BACKING*FIRE PROTECTION*ENGINEERED COORDINATION DRAWINGS AND OR ANCHORAGE CALCULATIONS*REFERENCE: PRIMARY NON-CONTRIBUTORY ADDITIONAL INSURED TERMINOLOGY.

PRICING BASED ON PLAN PAGES: Sheet A-100 Lower Level Floor Plan-UA Lab and Storage dated 06-29-2018
99% Review Submittal

Note: Bid is conditioned on a mutually accepted contract. This proposal may be withdrawn if not accepted within 30 days. Change order billing rate is 15% O/H plus 10% Profit. Due to ongoing tariffs our manufacturers will not hold pricing beyond sixty days. As a result, Equipment and Material may be subject to price increases if the submittal process is extended beyond 30 days after submission. Any future cost increases will be submitted in a proposal.



AMERICAN
SUBCONTRACTORS
ASSOCIATION

1001 S. Euclid Ave. – Tucson, AZ 85719
Office: 520 624-8988 Fax: 624-3716



3772 E. Kleindale Rd., Tucson, AZ 85716 | 520-325-3766 | F: 520-326-2320 | RGsonsPlumbing.com
A Certified Minority Business Enterprise (MBE/DBE) | AZ Contr. Lic. 107467 C-37R | AZ Contr. Lic. 107477 L-37

SUBMIT TO: Lloyd Construction Company, Inc.

May 24, 2019

ATT: Paul Pena

We hereby submit specifications and an estimate for the **Pima County Historic Courthouse Phase II Project:**

- Based on preliminary plumbing plans dated **5/6/19 & Specifications Manual.**
- Price includes new sanitary sewer tied into existing per size & locations on sheets P-100 & P-102; vent system per sheets P-100 & P-102; sewer and vent systems figured in **solid core PVC** per specifications; excavation, backfill & compaction of our underground work; domestic cold water tied into existing per size & locations on sheets P-100 & P-102; domestic hot water tied into existing per size & locations on sheets P-100 & P-102; insulated hot water per specifications; condensate piping from (3) FC units to existing floor sink per sheet P-100; insulated condensate per specifications; all hangers and supports needed for above ground piping; furnish & install plumbing fixtures per fixture schedule on sheet P200 with quantities based on current floor plan; chlorinate new water lines.
- **Exclusions:** Defects inherent in the design; plans approved in error; sales (TPT) taxes; permits; any & all bonds; any other fees; Davis Bacon wage rates; any night/after hour work; all site utility work; any demo; extra hard dig; roof drain system; fire-stopping; electrical; low voltage wiring; all mechanical work; wallboard; any painting, including pipe painting; any concrete/asphalt work or concrete/block core drilling; saw-cutting, removal and/or replacement; concrete x-ray; hydro-jetting & rodding of existing sanitary sewer system; backflow preventer assemblies; cast iron pipe; natural gas; gas meter; water meter; sub-meters; sump pumps; hydronic piping; insulation of domestic cold water lines; insulation of any existing water lines; fire line; any plumbing in Pima County Visitors Center (none specified); any piping/fixtures not on plumbing sheets or listed above; fire sprinkler system; flue piping; digging/backfilling for high pressure & SW gas lines.

We propose hereby to furnish material and labor in accordance with above specifications for the sum of:

U of A Area Estimate: \$16,743.00

TPT Taxes, if applicable Add: \$635.00

Labor Cost: \$10,945.00

Material Cost: \$5,798.00

Plumber Labor Rate: \$52.00

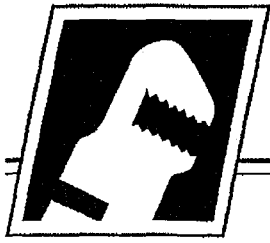
Note: RG & Sons is not responsible for any extra labor or materials if approved plans are found to be in error.
Bid includes a one (1) year warranty only.
This proposal expires (30) calendar days from date issued.
Anything not listed as an inclusion is excluded.
Pricing is based on our regular work hours; extra costs will be assessed for overtime hours.
Estimate includes all OSHA safety requirements on job site.

Adam Gonzalez

Project Manager & Estimator

520-325-3766 | F: 520-326-2320

Adam@RGsonsPlumbing.com



QUALIFIED

MECHANICAL CONTRACTORS, INC.

SCOPE LETTER

SBE, M/WBE – DBE CERTIFIED

AIR CONDITIONING R.O.C. #107302 L-39*PLUMBING R.O.C. #072813 L-37

PROJECT: Historic Courthouse Phase II Tenant Improvement

DATE: 5/24/2019

STANDARD INCLUSIONS:

PLUMBING 5 feet stubbed out	YES
HVAC	YES
HYDRONICS	YES
SITE UTILITIES	NO
GENERAL SHEET METAL	NO
TOTAL BASE BID	\$419,811.00

U of A areas:

HVAC:

Material: \$74,332.00

Labor: \$147,509.00

PLUMBING:

Material: \$13,891.00

Labor: \$2,913.00

All other areas

HVAC:

Material: \$54,192.00

Labor: \$97,236.00

HYDRONICS:

Material: \$18,566.00

Labor: \$11,172.00

Specifically Included: All Supply and installation of equipment and materials based on plan pages listed below.
Controls included.

STANDARD EXCLUSIONS: (Unless specifically stated elsewhere on this page)

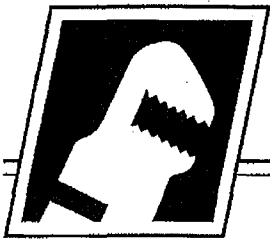
DEMOLITION*PAINTING*PATCHING*PERMITS*FEES*TAXES*BONDS*CONCRETE*CONCRETE OR MASONRY SAW CUTTING OR CORING *ELECTRICAL*STARTERS* DISCONNECTS*LINE VOLTAGE WIRING*
INTERLOCK WIRING* FIRESTOPPING* WATER METERS*BACKFLOW CERTIFICATIONS*CANOPY-WORK*PREFINISHED AND NON-GALVANIZED METALS* DUMPSTERS* ARCHITECTURAL
CAULKING*STRUCTURAL AND ARCHITECTURAL METAL, LOUVERS AND ACCESS DOORS* ROOF EXPANSION JOINTS*CURB LEVELING*ROOF PATCHING*WALL, FLOOR AND ROOF PENETRATIONS FOR
HVAC*CURB LEVELING* EMCS CONTROLS*TYPE I, TYPE II AND FUME HOODS*CONCRETE OR HOUSEKEEPING PADS*BLOCKING/BACKING*FIRE PROTECTION*ENGINEERED COORDINATION DRAWINGS AND
OR ANCHORAGE CALCULATIONS*REFERENCE: PRIMARY NON-CONTRIBUTORY ADDITIONAL INSURED TERMINOLOGY.

PRICING BASED ON PLAN PAGES: Mechanical and Plumbing sheets dated May 6, 2019 99.5% Review
Submittal through addendum #2



AMERICAN
SUBCONTRACTORS
ASSOCIATION

1001 S. Euclid Ave. – Tucson, AZ 85719
Office: 520 624-8988 Fax: 624-3716



QUALIFIED

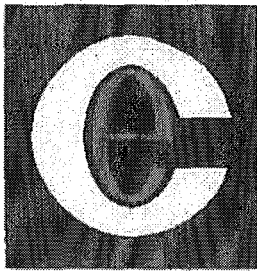
MECHANICAL CONTRACTORS, INC.

Note: Bid is conditioned on a mutually accepted contract. This proposal may be withdrawn if not accepted within 30 days. Change order billing rate is 15% O/H plus 10% Profit. Due to ongoing tariffs our manufacturers will not hold pricing beyond sixty days. As a result, Equipment and Material may be subject to price increases if the submittal process is extended beyond 30 days after submission. Any future cost increases will be submitted in a proposal.



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Office: 520 624-8988 Fax: 624-3716



Commonwealth Electric Company of the Midwest

2111 E 17th Street • Tucson, AZ 85719 • (520) 792-3332 • Fax: (520) 792-3444

Arizona Contractor's License No's:

A - 17 074533

C - 11 074534

R - 11 119121

May 29, 2019

Lloyd Construction
2180 N. Wilmot Rd
Tucson, AZ 85712

Attn: Paul Pena

Re: Pima County Historic Courthouse
115 N. Church Avenue
Tucson, AZ 85701

Subject: Pima County Historic Courthouse-Phase 2 (Quoted Items Break-out Pricing)

Paul,

Per your request for some break-out pricing on larger quoted items and specialty work, please see separate line item pricing below for your meeting use.

Please note that our standard cost plus 10% Overhead + 5% Profit mark-up is included in each of these pricing break-outs. Please utilize this information as you see fit to share at your meeting with Pima County for their knowledge of some of the above standard pricing for specialty items such as the Visitor & UA Areas light fixture & lighting controls packages, UA Areas Lower Level-Lab suspended wiremold system, and Visitor 1st Level North Connectrack under-carpet system.

** See attached sheets for reference.

\$195,600.00 (VISITOR) Light Fixtures/Lighting & Dimming Controls Package

\$232,650.00 (UA AREAS) Light Fixtures/Lighting & Dimming Controls Package

\$ 17,900.00 (UA AREAS) Switchgear-(New Gear) Study-Add to Existing Circuit Breakers

\$ 12,125.00 (VISITORS) Fire Alarm Parts & Smarts *** Note-Spec called for spare parts included-Value \$4,700

\$ 34,450.00 (UA AREAS) Fire Alarm Parts & Smarts

\$ 13,550.00 (VISITORS) 1st Floor North-Connectrack under-carpet system (includes cost only)

\$ 13,250.00 (UA AREAS) Lower Level Lab-Suspended Wiremold System (includes cost & installation labor)

Thank you,

Steve Sertich,
Estimator/PM

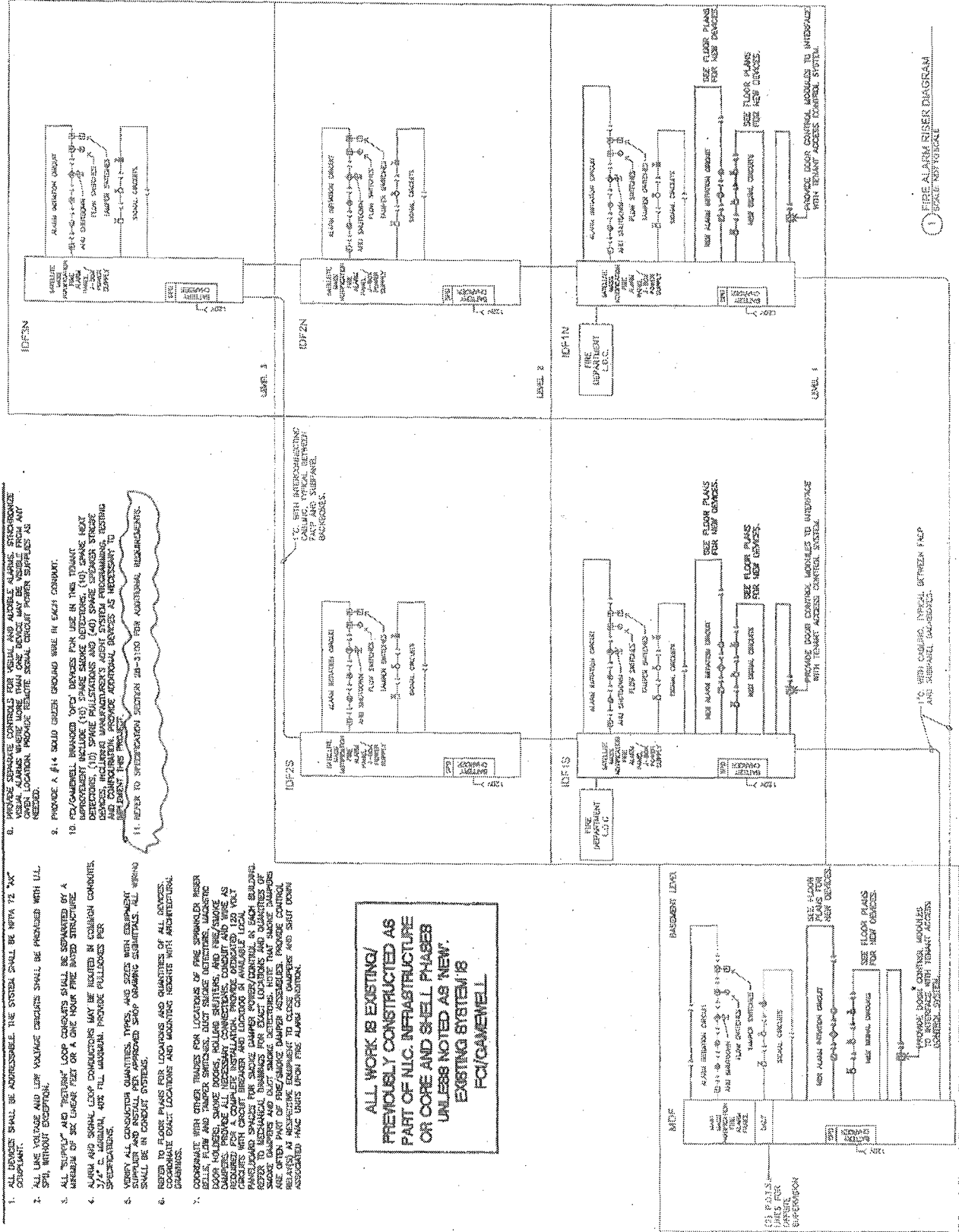
"Committed To Excellence"

Des Moines • Lincoln • Omaha • Phoenix • Tucson • Tri-Cities

FIRE ALARM AND MASS NOTIFICATION SYSTEM RISER DIAGRAM NOTES

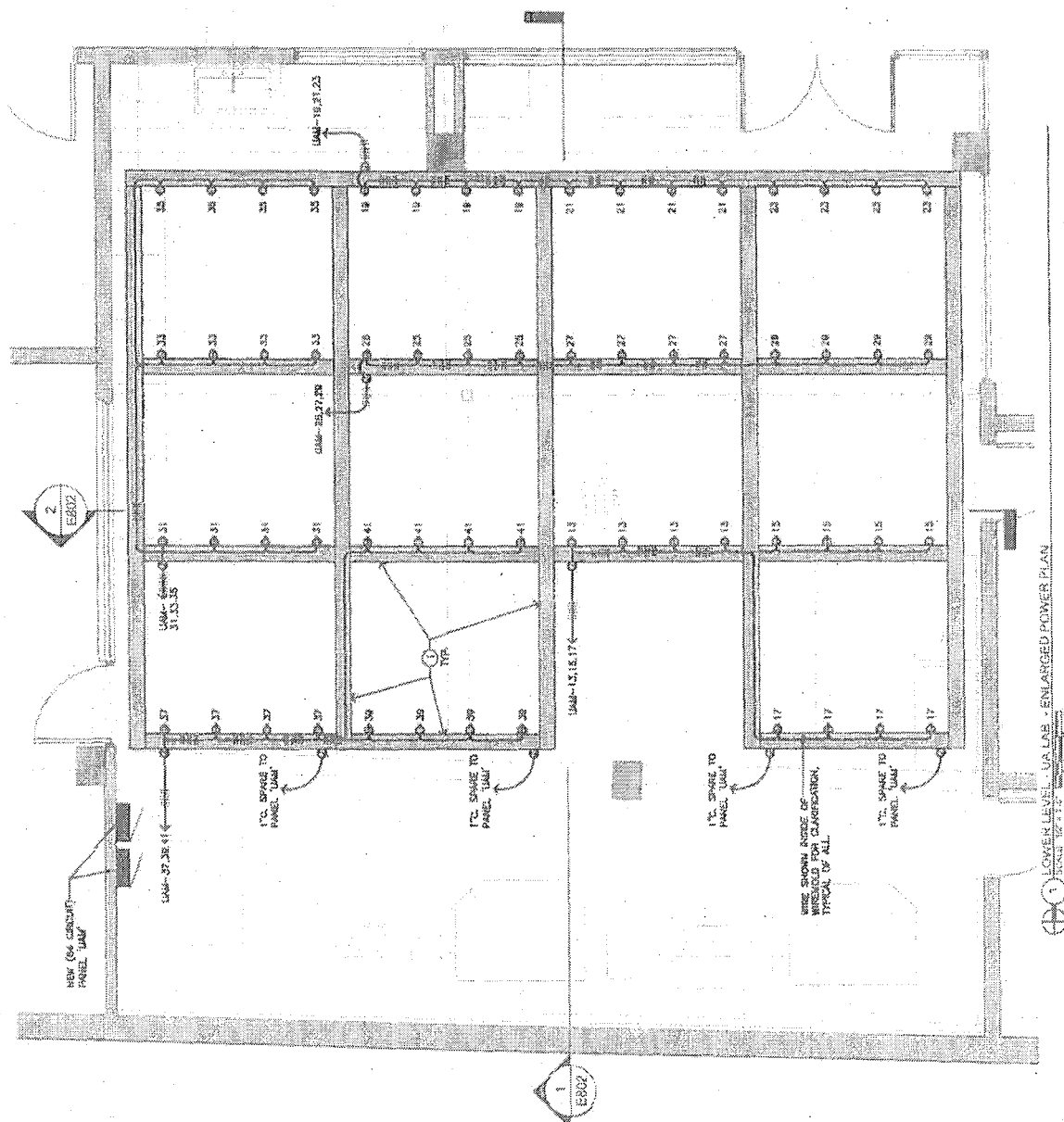
1. ALL DEVICES SHALL BE ADDRESSABLE. THE SYSTEM SHALL BE NFPA 72 "A" COMPLIANT.
2. ALL LINE VOLTAGE AND LINE VOLTAGE CIRCUITS SHALL BE PROVIDED WITH UL, SPN, WITHOUT EXCEPTION.
3. ALL "SUPPLY" AND "RETURN" LOOP CIRCUITS SHALL BE SEPARATED BY A MINIMUM OF SIX LINEAR FEET OR A ONE HOUR FIRE RATED STRUCTURE.
4. ALARM AND SIGNAL LOOP CIRCUITS MAY BE INSTALLED IN COMMON CONDUITS, 3/4" C. MINIMUM, AND ALL WIRING SHALL BE INSTALLED IN CONDUIT.
5. VERIFY ALL CONDUIT QUANTITIES, TYPES, AND SIZES WITH EQUIPMENT SUPPLIER AND INSTALL PER APPROVED SHOP DRAWING SUBMITTALS. ALL WIRING SHALL BE IN CONDUIT SYSTEMS.
6. COORDINATE EXIST LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS.
7. COORDINATE WITH OTHER TRADES FOR LOCATIONS OF FIRE SPRINKLER RISER BELLS, FLOW AND TAMPON SWITCHES, DUCT SMOKE DETECTORS, MAGNETIC COILS, AND OTHER DEVICES. ALL DEVICES SHALL BE INSTALLED AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE ORIGINATED 120 VOLT CIRCUITS WITH CIRCUIT BREAKER AND LOCATIONS IN AVAILABLE LOCAL ELECTRICAL PANELS. PROVIDE FOR EXIST LOCATIONS AND QUANTITIES OF SMOKE DAMPERS AND DUCT SMOKE DETECTORS. NOTE THAT SMOKE DAMPERS ARE OFTEN PART OF FIRE/SMOKE DAMPER ASSEMBLIES. PROVIDE CONTROL RELAYS IN NEARBY ELECTRICAL EQUIPMENT TO CLOSE DAMPERS AND SHUT DOWN ASSOCIATED HVAC UNITS UPON FIRE ALARM SOUNDER.

ALL WORK IS EXISTING/
PREVIOUSLY CONSTRUCTED AS
PART OF NLC INFRASTRUCTURE
OR CORE AND SHELL PHASE
UNLESS NOTED AS NEW.
EXISTING SYSTEM IS
FCI/CAMERELL



SECURITY INDEX

- GRAY HORIZONTAL WIREMOLD C-4000 WITH ORANGE, PROMISE
EXPLAN RECEIPTS 2" ON CENTER AND BLANK TWENTY
SIXTEEN-HOLE ACCESS PLANS 48" ON CENTER FOR OWNERS
USE. MOUNT TO STRUT RACK AT SUBSTATION. SEE
ARCHITECTURAL PLANS FOR STRUT DETAIL. ORANGE WIREMOLD
VERTICALLY SUCH THAT RECEIPTS FACE PARALLEL TO THE
GROUND.



ALL ELECTRICAL KEYNOTES

1. EXISTING PANEL "LINC" REFER TO DIAGRAM FOR ADDITIONAL INFORMATION.
2. EXISTING PANEL "VIN" REFER TO DIAGRAM FOR ADDITIONAL INFORMATION.
3. EXISTING PANEL "YANK" REFER TO DIAGRAM FOR ADDITIONAL INFORMATION.
4. EXISTING PANEL "SUNSHINE" REFER TO DIAGRAM FOR ADDITIONAL INFORMATION.
5. EXISTING WALK NOTIFICATION SYSTEM/THE ALARM CONTROL PANEL CONNECTED TO PANEL "SUNSHINE".
6. PRIME ENGINEER/BLACK SYSTEM ENGINEER/BLACK SYSTEM POWER PLANT ENGINE PER SPECIFICATION COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH ARCHITECT AND DESIGNER.
7. COORDINATE WITH ARCHITECT TO ASSURE PROPER SIGNALING TO SYSTEM (ADD) REFER TO SPECIAL SYSTEMS PLANS FOR COORDINATE WITH ARCHITECT TO COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO ORDER.
8. COORDINATE POWER/TELEPHONE REGULATIONS WITH UTILITIES PER EXISTING FANBOILER DETAILS.
9. COORDINATE POWER/BLACK REGULATION HEADS WITH ARCHITECT FOR DETAILS AND ELEVATIONS.
10. MAINTAIN ACCESS TO EXISTING ELECTRICAL RACK FOR AREA THROUGH LUNNET BASE.
11. COORDINATE WITH FANBOILER.
12. ALL PROPOSED EXPOSED CONDUIT ADDITIONS MUST BE PROTECTED BY WORK, TYPICAL THROUGHROCK.

GENERAL NOTE

USE SHEET 601a FOR EXHIBIT
LIGHTING POWER.

LOCK OUT - ABOUT - TEST OUT
 **MONRAD**
 P.O. BOX 127111 • DALLAS, TEXAS 75212
 CONSTRUCTION & REFINISHING SERVICES
 1208 South I. Leland Avenue, Suite 300
 Houston, Texas 77055-1047
 Tel: 713-864-2823
 Telex: 360440

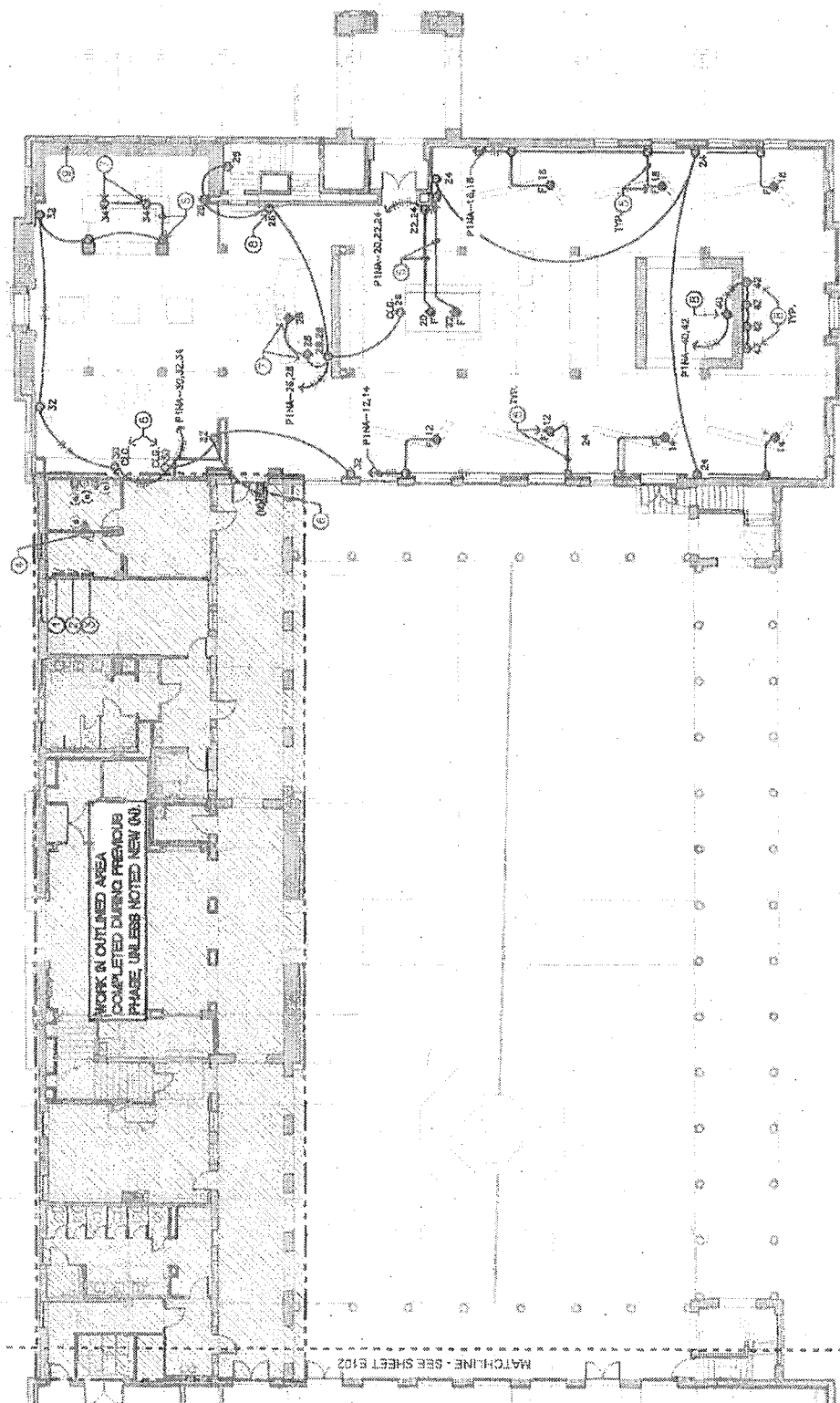
HISTORIC COURTHOUSE PHASE II TEACH-OUT APPROVEMENT

15 R00871: 01/20/2010: 01/20/2010

LEVEL 1 - PIMA COUNTY
VISITOR CENTER -
POWER PLAN

44 M. 9 V 4.5 A
 10 V 2.5 A: 5.0
 10 V 2.5 A: 5.0

2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$



COORDINATE ALL EXHIBIT FURNITURE POWER/DATA
LOCATIONS AND INSTALLATION HEIGHTS WITH
ARCHITECT AND EXHIBIT FABRICATOR.

REFER TO RALPH APPELBaum ASSOCIATES EXHIBIT
DESIGN FOR ADDITIONAL INFORMATION, INCLUDING
SPECIALTY MOUNTING HEIGHTS

EYE - PMA CO. ZY-VISION
ZEEBEE, INC.
PAPER & SUPPLY DIV.

LEVEL 1 - PIMA COUNTY

ELECTRICAL KEYNOTES

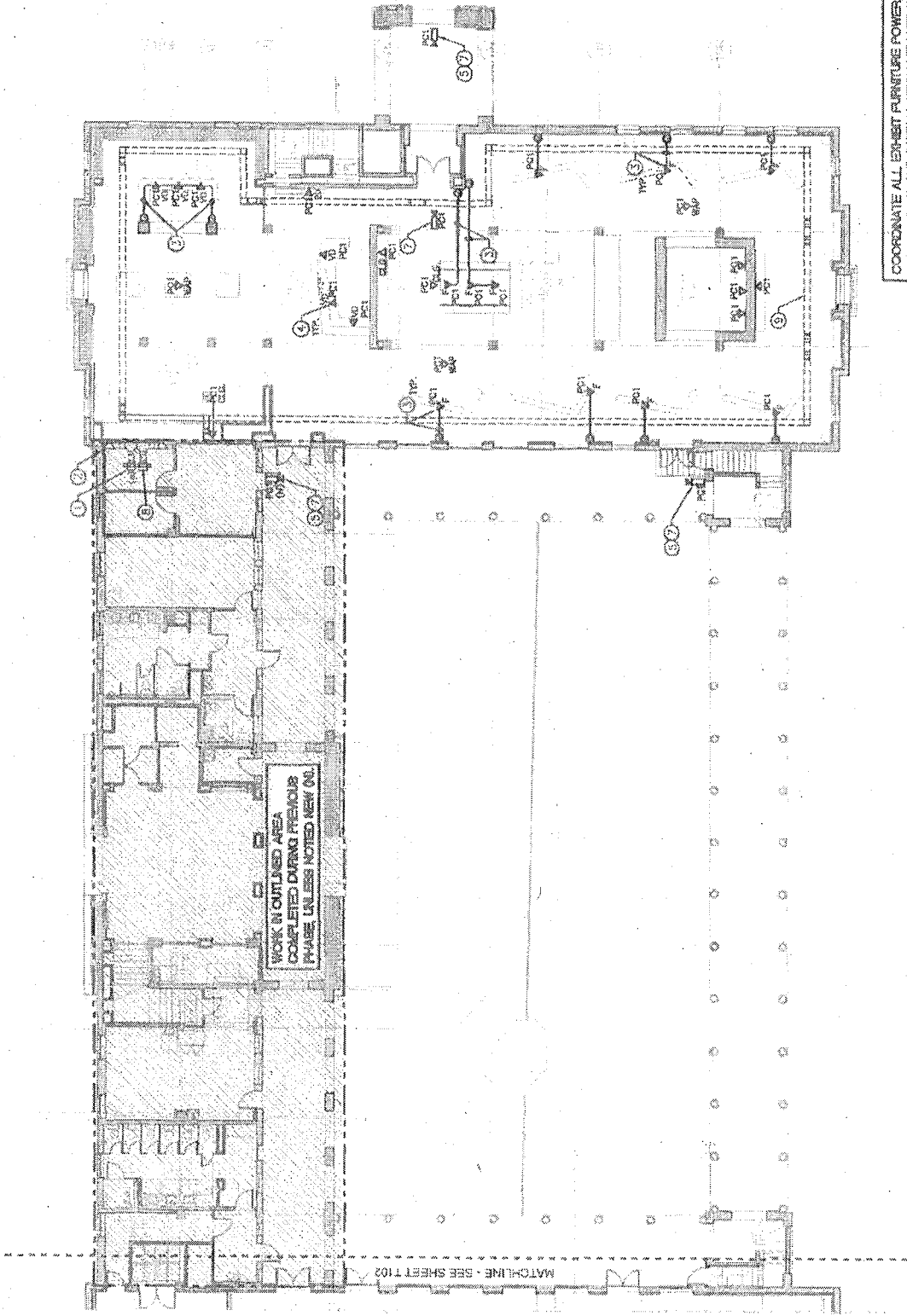
1. EXISTING PIMA COUNTY TELEPHONE RACKS TO REMAIN. REFER TO TELECOM RACK DIAGRAM ON SHEET T200 FOR ADDITIONAL INFORMATION.
2. EXISTING 12" LARGER TYPE CABLE TRAY. REFER TO TELECOM RACK DIAGRAM ON SHEET T200 FOR ADDITIONAL INFORMATION.
3. PROVIDE CONDUIT SYSTEM UNDER CARPET WIREWAY AND CONDUIT SYSTEMS FOR ALL NEW AND EXISTING WIRING. COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH ARCHITECT AND ELEVATOR DESIGNER.
4. COORDINATE POWER/TELECOM INSTALLATIONS WITH ALL WORK PER ARCHITECTURAL DETAILS.
5. ALL PROPOSED EXPOSED CONDUIT ROUTINGS MUST BE APPROVED BY THE ELEVATOR DESIGNER. PROVIDE WORK TYPICAL THROUGHOUT.
6. PROVIDE SMOKE CAMERA SAMSUNG SMT-1010-218.
7. PROVIDE SMOKE CAMERA SAMSUNG SMT-1010-218.
8. PROVIDE NETWORK VIDEO RECORDER SAMSUNG SMT-1010-218.
9. EXISTING 12" CABLE TRAY.

DESIGNED BY: POSTER FROST MIRTO
CONSTRUCTION: MONRIAD
1000 West Canal Avenue
Tucson, Arizona 85701
520.622.1234
www.monriad.com

HISTORIC COURTHOUSE
PHASE II TENANT IMPROVEMENT
TELECOM PLAN

1101 LEVEL 1 - PIMA COUNTY
VISITOR CENTER -
TELECOM PLAN

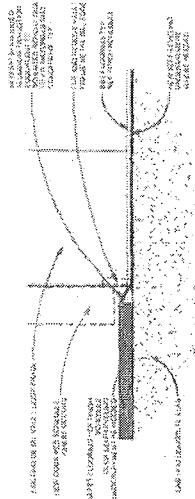
1101 LEVEL 1 - PIMA COUNTY
VISITOR CENTER -
TELECOM PLAN



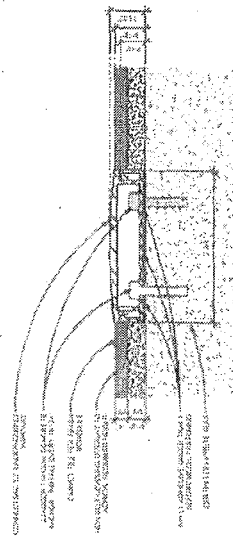
COORDINATE ALL EXIST FURNITURE POWER/DATA LOCATIONS AND INSTALLATION HEIGHTS WITH ARCHITECT AND EXHIBIT FABRICATOR, TYPICAL.

REFER TO RALPH APPELBAUM ASSOCIATES EXHIBIT DESIGN FOR ADDITIONAL INFORMATION, INCLUDING SPECIALTY MOUNTING HEIGHTS.

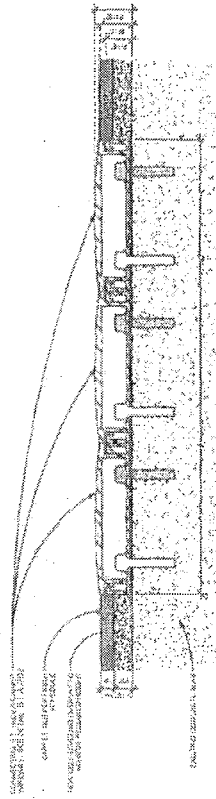
1 LEVEL 1 - PIMA COUNTY VISITOR CENTER - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



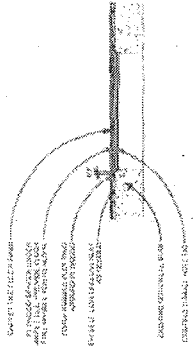
5. TRANSITION VULT DOOR DETAIL - PHASE II
SCALE: 1/2" = 1'-0"



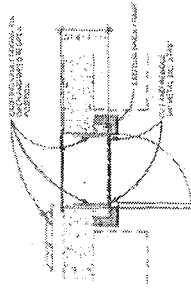
6. CONNECTRAC 2.2 DETAIL
SCALE: 1/2" = 1'-0"



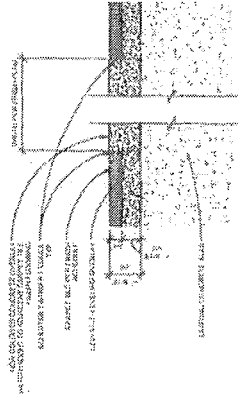
7. MULTIPLE CONNECTRAC 2.2
SCALE: 1/2" = 1'-0"



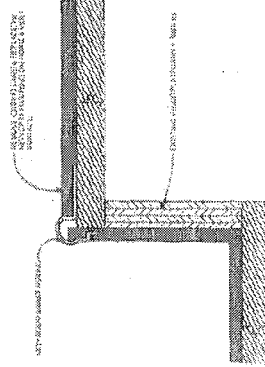
1. MANHOLE EXTENSION DETAIL
SCALE: 1/2" = 1'-0"



2. LOWER LEVEL - VULT DOOR DETAIL
SCALE: 1/2" = 1'-0"



3. CONCRETE OVERLAY STRIP AT CARPET
SCALE: 1/2" = 1'-0"



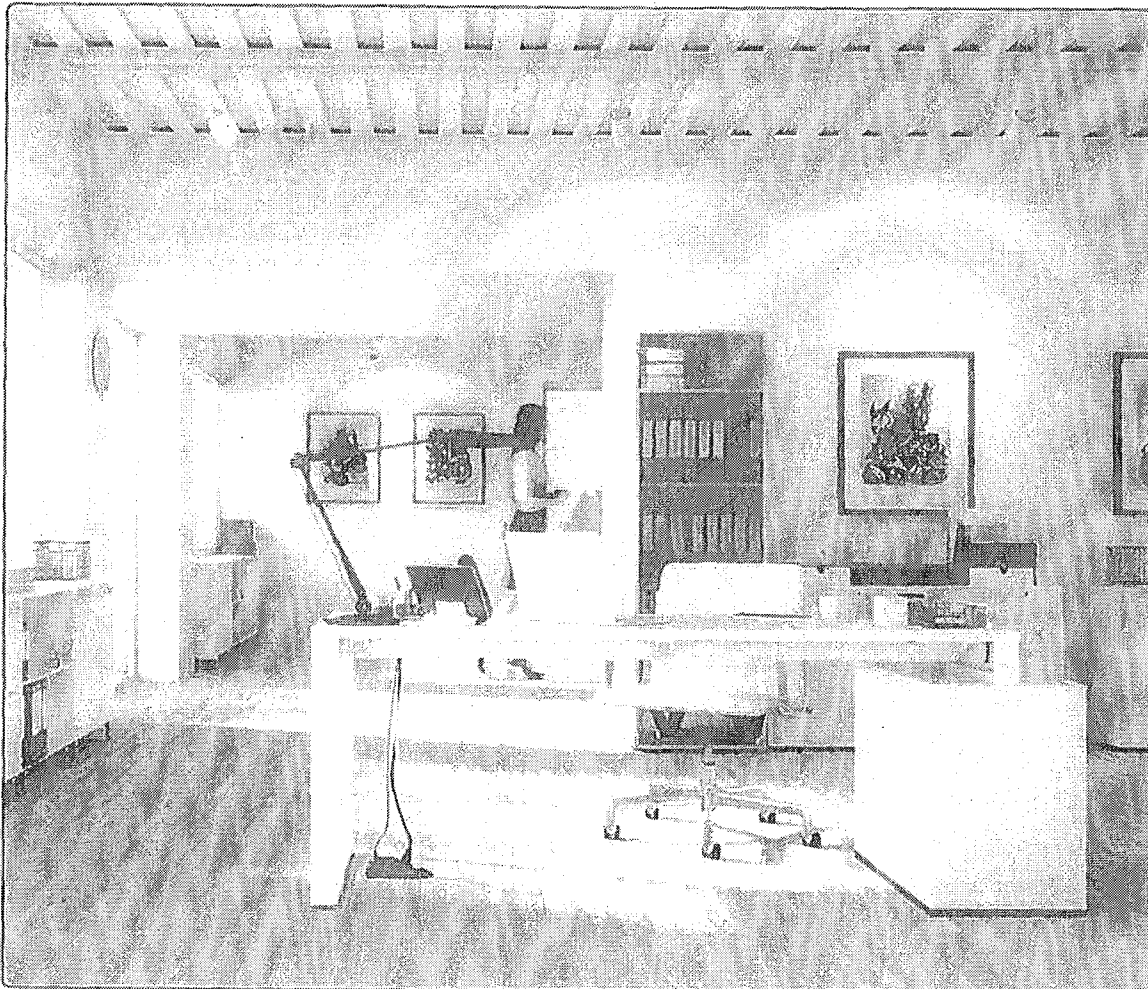
4. TRANSITION - DILINGER COURTROOM - PHASE II
SCALE: 1/2" = 1'-0"

99% REVIEW SUBMITTAL
MARCH 27, 2019

PRELIMINARY
NOT FOR
CONSTRUCTION

HISTORIC COURTHOUSE
PHASE II TENANT IMPROVEMENT
118 KIRKPATRICK AVENUE
MINNAPOLIS, MN 55401
A-707 TRANSITION DETAILS

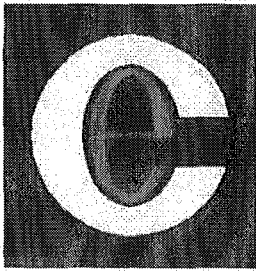
DESIGNED BY: FROST MIRTO
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: 03/27/19



Connectrac 2.7 Under-Carpet Wireways. Completely concealed by carpet tile, they are Connectrac's lowest, sleekest, most invisible wireways. They offer either a pre-wired duplex or quad receptacle and capacity for 4 CAT-6 cables.

- Lower, leaner and virtually invisible
- Completely hidden under carpet tile
- Wireway channel for power and 4 CAT-6 cables
- Special galvanized oval flex conduit pre-wired for power
- AV/Data completely separated from power by steel conduit
- ADA compliant

Potent Pending



Commonwealth Electric Company of the Midwest

2111 E 17th Street • Tucson, AZ 85719 • (520) 792-3332 • Fax: (520) 792-3444

Arizona Contractor's License No's:

A - 17 074533

C - 11 074534

R - 11 119121

May 24, 2019

Re: Pima County Historic Courthouse-Phase 2

Subject: BID PROPOSAL for Electrical & Fire Alarm Work

Attn: Lloyd Construction (Paul Pena)

We propose to provide electrical and fire alarm work for the referenced project in accordance with the Drawings, Specifications, and Addenda listed below.

Drawings: All E-Series (complete) & T-Series Sheets (rough-in only) (by Monrad Engineering 5-10-19)

Specifications: Division 26 – Electrical / Division 27 - Telecom (rough-in) / Division 28 - Fire Detection

Acknowledge Addendum: #1

Our proposal is subject to the following clarifications:

1. We exclude any permits with any associated fees.
2. We exclude the cost of a performance and payment bond. Bond Rate = .09% 1st \$500K & .063% For Remainder
3. We exclude all material sales tax.
4. We have included a minor amount of temporary power and lighting (building temporary is currently in place). We exclude any GC trailer hook-up, task lighting, and extension cords for other trades. We exclude all other charges for service and energy consumption.
5. We have included per bid document, plans, & electrical specifications, a complete and specified Electrical Package as shown on the bid drawings including "specified" light fixtures & lighting controls, switchgear, disconnects w/fuses, added circuit breakers, coordination study (new equipment only per spec), minor demolition as shown, and all electrical testing. Our price includes all raceways, boxes, wire, wire-mold, floor boxes, poke thru devices, A-V wall boxes, devices & plates, equipment connections, grounding, and fire-sealing. We have also included in our price a complete (matching Gamewell) Fire Alarm Detection System.
6. We exclude any cutting, removal, and patching as required (core drills & fire-sealing are included by Commonwealth Electric in our bid price).
7. We exclude painting, except for touch-up painting of standard finishes on equipment which is to be furnished and installed by us.
8. We include clean up of our "identifiable" scrap and disposal to a centralized scrap pile. We will not accept any back-charge or any prorated portion of general clean up or disposal of a centralized scrap pile.

"Committed To Excellence"

Des Moines • Lincoln • Omaha • Phoenix • Tucson • Tri-Cities

May 24, 2019

9. We exclude all Tele-Data, Access Control, CCTV, PA-Intercom, Audio Visual, Duress, and any other special systems racks, equipment, cabling, devices, labor, terminations, programming, testing, and owner training (rough-in is included as shown on the bid documents including all raceways, sleeves, standard boxes, and pull-strings per the plans).
10. We exclude fixture seismic wires and any required fire tenting of light fixtures.
11. We exclude any overtime premium costs. Our price is based upon the construction schedule including working normal work day hours for a forty-hour work week at straight rate time.
12. This scope letter will be made part of the contract.

This proposal is based on entering into a Subcontract with your firm equal to an AIA Standard form Contract; that is no more exacting than the Contract between your firm and the Owner.

This proposal is based on the understanding that you and all of your subcontractors will comply with applicable terms and provision of the Occupational Safety and Health Act of 1970. You and your subcontractors will accept any liability imposed upon us caused from your noncompliances or that of your subcontractors.

This proposal is valid for fifteen (15) days from the date of the bid due to the construction schedule.

We will not participate in a liquidated damages expense if damages are due to any cause other than our own actions.

We have provided the following list of bid item breakdowns with associated pricing as requested for your use and convenience.

BASE BID TOTAL SELL PRICE	\$ 978,000.00
MATERIAL:	\$ 614,200.00
LABOR & DIRECT:	\$ 363,800.00

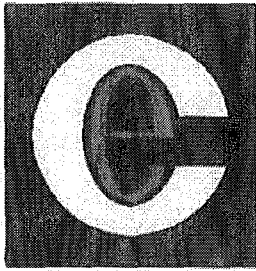
** BREAK-OUT SELL PRICE: UA AREA	\$ 638,000.00
MATERIAL:	\$ 354,600.00
LABOR & DIRECT:	\$ 283,400.00

We trust you will find this proposal attractive and we look forward to working with you in the near future. If you have any question, please contact the undersigned at (520) 792-3332.

Very truly yours,
COMMONWEALTH ELECTRIC COMPANY OF THE MIDWEST



Steve Sertich
Estimator/Project Manager
520-239-6572 (Cell #)



Commonwealth Electric Company of the Midwest

2111 E 17th Street • Tucson, AZ 85719 • (520) 792-3332 • Fax: (520) 792-3444

Arizona Contractor's License No's:

A - 17 074533

C - 11 074534

R - 11 119121

May 24, 2019

Lloyd Construction
2180 N. Wilmot Rd
Tucson, AZ 85712

Attn: Paul Pena

Re: Pima County Historic Courthouse
115 N. Church Avenue
Tucson, AZ 85701

Subject: Pima County Historic Courthouse-Phase 2 (Change Order / T&M Wage Rates w/mark-ups /
& Key Personnel

Paul,

Per the ITB request for this bid project, please find our electrician service wage rates for change orders & T&M as applicable for use on this project. Please be advised that any change order pricing proposals, if requested, will contain such rates as below. If electrical work is requested on an hourly T&M rate basis, the same rates below will also apply and we would direct our field foreman to have Jason Mejias sign Commonwealth Electric Work Authorization Forms daily for tracking and billing purposes.

*** Mark-up for any Materials and/or Rental Equipment ***

Cost plus 10% Overhead + 5% Profit mark-up along with any associated applied sales tax (rentals).

*** Billable Labor Rates ***

\$ 67.50 Per Hour (Foreman-Electrician) Labor Rate (including standard direct costs w/mark-up)

\$ 55.00 Per Hour (Electrician) Labor Rate (including standard direct costs w/mark-up)

*** Key Personnel for the Project ***

Project Foreman: Quang Tran

Note: Quang has been an employee of Commonwealth Electric since April, 1994 (25-Years).
Project Foreman for both the Infrastructure Project & the Phase 1 Tenant Improvement.

Thank you,

Steve Sertich,
Estimator/PM

"Committed To Excellence"

Des Moines • Lincoln • Omaha • Phoenix • Tucson • Tri-Cities

TECHNICAL PROPOSAL



Submitted in response to:

**REQUEST FOR PROPOSAL
PIMA COUNTY HISTORIC COURTHOUSE PHASE 2 TELECOMMUNICATIONS
PIMA COUNTY PRICING BREAKOUT**

Submitted By:

Arizona Communication Experts, Inc.

4420 N. Highway Dr.

Tucson, AZ 85705

ORIGINAL



May 23RD, 2019

Introduction

Arizona Communications Experts, Inc. (ACE) is pleased to present the following proposal to Lloyd Construction for the requested scope of work outlined in the Bid documents and undated "PRELIMINARY NOT FOR CONSTRUCTION" drawings, Limited Specifications, and Amendment 1. If successful in award, ACE will put forth our years of experience with similar projects across Arizona to provide top quality and cost-effective solutions to achieve all expectations set forth by Pima County. ACE has provided a complete package to include Telecommunications Structured Cabling. ACE holds the highest Leviton certification and can provide the Limited Lifetime Warranty asked for in the Specifications. ACE is also a Pima County JOC contractor for Telecommunications.

Company Summary

Arizona Communication Experts was formed in 1999 and began primarily as a structured cabling company based out of Tucson Arizona. Over the past 20 years ACE has continued to grow, not only in man power but in technical knowledge as well. What started out as a small copper and optical fiber cabling company has grown to now include all aspects of communication systems to include full network integration, special systems, audio visual, security, indoor and outdoor plant, DAS infrastructure and electrical contracting.

We have the privilege of working with some of the top IT departments across the United States. A few of our current customers include, Tucson Unified School District, Phoenix Elementary School District, Flagstaff Unified School District, all regional Military Bases, Pascua Yaqui IT, El Rio Health Services, as well as Job Order Contract clients; University of Arizona, City of Tucson, Pima County, and Raytheon Missile Systems.

ACE holds industry certifications with all major connectivity, cabling, security and audio-visual manufactures. Our W2 staff includes a Registered Communications Distribution Designer (RCDD) and a certified Corning Optical Fiber engineer along with a technical staff of over 40 employees. We proudly sit on The State of Arizona Cabling and Communication Systems Contract and hold a State of Arizona Gaming License.

Arizona Communication Experts has an excellent working relationship with all major general and electrical contractors and is committed to providing a reliable

communications infrastructure, quality components and the latest in connectivity solutions.

Structured Cabling Scope of Work – Pima County Breakout

Cable Pathways:

- Provide and install J hook pathway from the IDFS to outlet locations as required.
- Provide and install STI firestop sleeves where required in new wall penetrations.

Horizontal Cable Installation:

- Provide and install (2) Cat 6A UTP cables each to (17) total PC Dual outlet locations.
- Provide and Install (1) Cat 6A UTP cables each to (39) total PC Simplex outlet locations.
- Provide and install (4) Cat 6A UTP cables each to (2) total PC Quad outlet locations.

Backbone Cable Installation:

- Provide and install (4) each 1" innerducts from the MDF to (5) outlying IDFs in existing 4" conduits.
- Provide and Install (1) each 25 pair Cat 3 feed cables from the MDF to (5) outlying IDFS in existing 4" conduits.
- Provide and install (1) 12 strand OS2 Single Mode fiber cable each from the MDF to (5) outlying IDFs in new innerduct.

Station Terminations:

- Terminate (81) Cat 6A UTP cables at voice/data/WIFI outlet locations.

Telecom Room Terminations:

- Terminate (81) total Cat 6A UTP cables in the MDF/IDFs.
- Terminate (60) total OS2 Single Mode fiber ends in the MDF.
- Terminate (60) total OS2 Single Mode fiber ends in the (5) outlying IDFs.
- Terminate (5) total Cat 3-25 pair cable ends in the MDF.
- Terminate (5) total Cat 3-25 pair cable ends in the (5) outlying IDFs.

Communications Room Build Outs:

- Provide and install (12) total wall mount horizontal wire troughs and (6) total wall mount 110 blocks in the MDF and outlying IDFs.
- Provide and install (3) 48 port patch panel, (4) horizontal wire managers, and (6) rack mounted LIUs total in the MDF/IDFs.

Testing and Labeling:

- Test (81) Cat 6A UTP cables per TIA/EIA Standards
- Attenuation test (60) total OS2 Single mode fiber strands per TIA/EIA Standards.
- Pair test (125) cat 3 copper feed pairs per TIA/EIA Standards.
- Professionally label all cable ends, faceplates, and patch panels, LIUs, fiber and copper feed cables per EIA/TIA Standards.

Camera System:

- Provide and Install (11) total outdoor cameras in Pima County Areas.
- Provide and Install (8) total indoor cameras in Pima County Areas.
- Provide and install (3) total NVRs and program all cameras.
- Test and set camera angles.

STRUCTURED CABLING TOTAL COST – Pima County Breakout:

❖ Labor Total Cost	\$33,894.00
❖ Material Total Cost -	\$72,179.00
❖ Total -	\$106,073.00

****NOTE** The billable labor rates for all personnel is \$42.00 per hour.**

****NOTE** All cameras and NVRs are included in the above pricing. The documents were conflicted to state contractor to provide and owner to provide. Camera equipment can be removed from the above cost at a total of \$26,692.35 which includes parts, labor, and programming.**

Key Personnel:

- Jason Galindo – Senior Estimator – Quality Control & Design
- Daniel Senzee – RCDD – Estimator – Quality Control & Design
- Michael Leonard – Field Operations Manager
- Daniel Cocoa – Project Manager (Pima County contracts)
- Jesus Martinez – Foreman
- Juan Moreno-Moreno - Foreman

****TAXES MAY APPLY AT ADDITIONAL COST****

Exclusions

- Provision and Installation of Cable Trays, Surface Mount Raceways, Conduit, Pull boxes, and Back Boxes.
- Provision and Installation of Electrical Power Wire, Raceways, Receptacles and Associated Work.
- Provision and Installation Racks/Cabinets in the MDF and IDFs.
- Provision and Installation of any Connectrack.
- Provision and Installation of and Wiremold Raceway.
- Taxes, Bonds, Permits

Please note - Due to the volatility of the ferrous metals, copper and plastics markets the quote is valid for a period of 60 days. Arizona Communications appreciate your time and consideration on this project. If you have any questions or concerns regarding this proposal, please contact us at 520-748-1599.

Respectfully,

Jason M. Galindo

Jason M. Galindo

Senior Estimator

Arizona Communications Experts, Inc.

jgalindo@az-comm.com

TECHNICAL PROPOSAL



Submitted in response to:

**REQUEST FOR PROPOSAL
PIMA COUNTY HISTORIC COURTHOUSE PHASE 2 TELECOMMUNICATIONS
U OF A PRICING BREAKOUT**

Submitted By:

Arizona Communication Experts, Inc.

4420 N. Highway Dr.

Tucson, AZ 85705

ORIGINAL



May 23RD, 2019

Introduction

Arizona Communications Experts, Inc. (ACE) is pleased to present the following proposal to Lloyd Construction for the requested scope of work outlined in the Bid documents and undated "PRELIMINARY NOT FOR CONSTRUCTION" drawings, Limited Specifications, and Amendment 1. If successful in award, ACE will put forth our years of experience with similar projects across Arizona to provide top quality and cost-effective solutions to achieve all expectations set forth by Pima County. ACE has provided a complete package to include Telecommunications Structured Cabling. ACE holds the highest Leviton certification and can provide the Limited Lifetime Warranty asked for in the Specifications. ACE is also a Pima County JOC contractor for Telecommunications.

Company Summary

Arizona Communication Experts was formed in 1999 and began primarily as a structured cabling company based out of Tucson Arizona. Over the past 20 years ACE has continued to grow, not only in man power but in technical knowledge as well. What started out as a small copper and optical fiber cabling company has grown to now include all aspects of communication systems to include full network integration, special systems, audio visual, security, indoor and outdoor plant, DAS infrastructure and electrical contracting.

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ACE holds industry certifications with all major connectivity, cabling, security and audio-visual manufactures. Our W2 staff includes a Registered Communications Distribution Designer (RCDD) and a certified Corning Optical Fiber engineer along with a technical staff of over 40 employees. We proudly sit on The State of Arizona Cabling and Communication Systems Contract and hold a State of Arizona Gaming License.

Arizona Communication Experts has an excellent working relationship with all major general and electrical contractors and is committed to providing a reliable

communications infrastructure, quality components and the latest in connectivity solutions.

Structured Cabling Scope of Work – U OF A Breakout

Cable Pathways:

- Provide and install J hook pathway from the IDFS to outlet locations as required.
- Provide and install STI firestop sleeves where required in new wall penetrations.

Horizontal Cable Installation:

- Provide and install (2) Cat 6A UTP cables each to (100) total U of A Dual outlet locations.
- Provide and install (1) Cat 6A UTP cables each to (69) total U of A Simplex outlet locations.
- Provide and install (4) Cat 6A UTP cables each to (1) total U of A Quad outlet location.
- Provide and install (3) Cat 6A UTP cables each to (2) total projector outlet locations.
- Provide and install (3) Cat 6A UTP cables each to (2) total projector outlet locations from (2) AV wall outlet locations.
- Provide and install (3) RG6 TV cables each to (2) total projector outlet locations.

Station Terminations:

- Terminate (282) Cat 6A UTP cables at voice/data/WIFI outlet locations.
- Terminate (2) RG6 TV cables at AV outlet locations.

Telecom Room Terminations:

- Terminate (282) total Cat 6A UTP cables in the MDF/IDFs.
- Terminate (2) RG6 TV cables in the MDF/IDFs.

Communications Room Build Outs:

- Provide and install (7) 48 port patch panel and (8) horizontal wire managers in the MDF/IDFs.

Testing and Labeling:

- Test (282) Cat 6A UTP cables per TIA/EIA Standards.
- Test (2) RG6 TV cables per TIA/EIA Standards.
- Professionally label all cable ends, faceplates, and patch panels per EIA/TIA Standards.

Camera System:

- Provide and Install (25) total indoor cameras in Pima County Areas.
- Test and set camera angles.

STRUCTURED CABLING TOTAL COST – U OF A Breakout:

❖ Labor Total Cost	\$34,211.00
❖ Material Total Cost -	\$107,904.00
❖ Total -	\$142,115.00

****NOTE** The billable labor rates for all personnel is \$42.00 per hour.**

****NOTE** All cameras and NVRs are included in the above pricing. The documents were conflicted to state contractor to provide and owner to provide. Camera equipment can be removed from the above cost at a total of **\$26,206.73** which includes parts, labor, and programming.**

Key Personnel:

- Jason Galindo – Senior Estimator – Quality Control & Design
- Daniel Senzee – RCDD – Estimator – Quality Control & Design
- Michael Leonard – Field Operations Manager
- Daniel Cocoa – Project Manager (Pima County contracts)
- Jesus Martinez – Foreman
- Juan Moreno-Moreno - Foreman

****TAXES MAY APPLY AT ADDITIONAL COST****

Exclusions

- Provision and Installation of Cable Trays, Surface Mount Raceways, Conduit, Pull boxes, and Back Boxes.
- Provision and Installation of Electrical Power Wire, Raceways, Receptacles and Associated Work.
- Provision and Installation Racks/Cabinets in the MDF and IDF's.
- Provision and Installation of any Connectrack.
- Provision and Installation of and Wiremold Raceway.
- Taxes, Bonds, Permits

Please note - Due to the volatility of the ferrous metals, copper and plastics markets the quote is valid for a period of 60 days. Arizona Communications appreciate your time and consideration on this project. If you have any questions or concerns regarding this proposal, please contact us at 520-748-1599.

Respectfully,

Jason M. Galindo

Jason M. Galindo

Senior Estimator

Arizona Communications Experts, Inc.

jgalindo@az-comm.com



Date: 5/23/2019 10:35:58 AM

To: Lloyd Construction

RE: Pima County Historic Courthouse Phase II
Tucson, Arizona

This Proposal supersedes all previous proposals. Thank you for inviting Solutions i3 to review this project and provide this proposal to furnish and install the;

- Division 27 Communications

The enclosed is an estimate of probable cost based upon Plans & Specification

- 99.5% review submittal – T100,100A, 101, 102, 103 104, 200 – dated May 6, 2019

Wage Determination - NA

Collateral Support

This proposal assumes that the contractor will provide Solutions i3 with the following collateral support:

- Provide secure storage and staging space for project materials.
- Provide access to work areas in conformance with pre-arranged installation schedule.
- Provide hard-wired 110 VAC power to all power supplies and communications modules.
- Provide conduit/cable tray system with pull strings.

Exclusions

This proposal Excludes the following and presumes this work to be furnished and provided by others with our coordination;

- Demolition
- All conduits, pull strings, manholes, duct bank, coring, sleeving, floor boxes, grounding, fire stopping, Cable Tray, junction and Nema boxes.
- Fire Treated Plywood and Backboards
- TBB, Copper & Fiber Jumpers (UNO)
- Bonds, any applicable Tax,

Project Understanding

Provide and install cabling to Pima County Information Technology Division 27 standards

Other Information

- Solutions i3 is a SBE WBE Enterprise, Pre-Qualified Pima County. on the Pima County Telecommunications Job order Contract and a Local Tucson Contractor

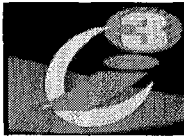


Detailed Cost breakdown Labor and materials and hourly labor rate:

Pima Courthouse Phase II UA work						Labor Rate Tech	\$ 38.50		
Part Number	MFG	Description	QTY	Unit	MATERIALS	LABOR		EQUIPMENT	
RSE									
Structured Cable									
6AP4P24-YL-R-BER-AP-FH	Berktek	Cat 6A intermittant shield plenum yellow	30000	lf	\$ 0.52 \$ 15,600.00	0.0060	\$ 6,930.00		
6AP4P24-GY-R-BER-AP-FH	Berktek	Cat 6A intermittant shield plenum Grey	30000	lf	\$ 0.52 \$ 15,600.00	0.0060	\$ 6,930.00		
6AP4P24-OR-R-BER-AP-FH	Berktek	Cat 6A intermittant shield plenum orange	9000	lf	\$ 0.52 \$ 4,680.00	0.0060	\$ 2,079.00		
6AUJK-OR6	Leviton	Atlas connector 6A orange	432	ea	\$ 10.14 \$ 4,380.48	0.1500	\$ 2,494.80		
6AUJK-BU6	Leviton	Atlas connector 6A blue	344	ea	\$ 10.14 \$ 3,488.16	0.1500	\$ 1,986.60		
6AUJK-GR6	Leviton	Atlas connector 6A green	0	ea	\$ 10.14 \$ -	0.1500	\$ -		
4W256-H48	Leviton	48 porty angled unloaded panel	9	ea	\$ 102.00 \$ 918.00	0.2500	\$ 86.63		
CAT32	Caddy	2" cable supports	110	ea	\$ 2.20 \$ 242.00	0.1000	\$ 423.50		
41080-4AP	Leviton	4 port angled stainless faceplate	172	ea	\$ 5.00 \$ 860.00	0.1000	\$ 662.20		
41089-2IP	Leviton	2 port surface mount box	45	ea	\$ 5.00 \$ 225.00	0.1000	\$ 173.25		
		subtotal			\$ 45,993.64		\$ 21,765.98		
					MATERIALS	LABOR		EQUIPMENT	\$ -
Horizontal Cable					\$ 45,993.64		\$ 21,765.98		
Testing					\$ -		\$ 2,500.00		
All Systems Subtotal					\$ 45,993.64	630	\$ 24,265.98		
					Man-weeks	15.76	Grand Total		\$70,889.90
Freight					3.0%				\$1,379.81
Overhead					10.0%				\$7,088.99
Profit					10.0%				\$7,088.99
Total Opinion of Probable Construction Costs					Manhours	630.29			\$86,447.69



Pima Courthouse Phase II Pima County Work						Labor Rate Tech		\$ 38.50	Labor Rate Gen		\$ 18.00
Part Number	MFG	Description	QTY	Unit	MATERIALS		LABOR		EQUIPMENT		
RSE											
Structured Cable											
6AP4P24-YL-R-BER-AP-FH	Berktek	Cat 6A intermittant shield plenum yellow	7000	lf	\$ 0.52	\$ 3,640.00	0.0060	\$ 1,617.00			
6AP4P24-GY-R-BER-AP-FH	Berktek	Cat 6A intermittant shield plenum Grey	7000	lf	\$ 0.52	\$ 3,640.00	0.0060	\$ 1,617.00			
6AP4P24-OR-R-BER-AP-FH	Berktek	Cat 6A intermittant shield plenum orange	4000	lf	\$ 0.52	\$ 2,080.00	0.0060	\$ 924.00			
6AUJK-OR6	Leviton	Atlas connector 6A orange	52	ea	\$ 10.14	\$ 527.28	0.1500	\$ 300.30			
6AUJK-BU6	Leviton	Atlas connector 6A blue	31	ea	\$ 10.14	\$ 314.34	0.1500	\$ 179.03			
6AUJK-GR6	Leviton	Atlas connector 6A green	0	ea	\$ 10.14	\$ -	0.1500	\$ -			
4W256-H48	Leviton	48 porty angled unloaded panel	3	ea	\$ 102.00	\$ 306.00	0.2500	\$ 28.88			
CAT32	Caddy	2" cable supports	50	ea	\$ 2.20	\$ 110.00	0.1000	\$ 192.50			
41080-4AP	Leviton	4 port angled stainless faceplate	36	ea	\$ 5.00	\$ 180.00	0.1000	\$ 138.60			
41089-2IP	Leviton	2 port surface mount box	10	ea	\$ 5.00	\$ 50.00	0.1000	\$ 38.50			
subtotal						\$ 10,847.62	\$ 5,035.80				
						MATERIALS	LABOR	EQUIPMENT	\$ -		
Horizontal Cable						\$ 10,847.62	\$ 5,035.80				
Testing						\$ -	\$ 500.00				
All Systems Subtotal						\$ 10,847.62	144	\$ 5,535.80			
						Man-weeks	3.59	Grand Total	\$16,527.21		
Freight						3.0%	\$325.43				
Overhead						10.0%	\$1,652.72				
Profit						10.0%	\$1,652.72				
Total Opinion of Probable Construction Costs						Manhours	143.79	\$20,158.08			



Proposed Key Personnel

Technology Visions Leader – Doug Stewart RCDD

Mr. Stewart has successfully designed, implemented, and maintained over \$200M in networks including the City of Tucson wide area network expansion, University of Arizona's Metropolitan Fiber and Campus construction, Police and Fire department Audio-Visual/teleconferencing network, Tucson Fire emergency and backup microwave-optical network and over 40,000 users within the City of Tucson. Doug has worked under many different project delivery methods, including Design-Build and Construction Manager at Risk, and possesses a unique insight of design and construction approaches, techniques, and challenges. Doug has A BS in Business Administration with a MIS Specialty

Certifications: BICSI Registered Communications Distribution Designer #07755 with OSP #07078 and NTS #019808 Specialties, Wireless Mesh Engineer, Certified Security, Access Control, Camera Detection Systems Certified Wireless Network Administrator –Designer, Certified Infrastructure Data Center Designer, Level One Network Video #06-NV1-1031 Certified Technology Specialist

Project Operations Leader– Mark Burroughs

Mr. Burroughs currently manages the Operations of ongoing projects of the Telecommunication's Division in our Tucson office located at 2431 South Friebus.. Mr. Burroughs has over 20 year's industry experience including Owning and Managing other large Telecommunications Companies.

Mr. Burroughs has successfully project managed a large amount of Communications jobs. These projects varied from several thousand to several million dollars. Mr. Burroughs has ten years of experience working and managing projects on the University of Arizona Campus. Mr. Burroughs Served as the Project Manager for The University Medical Center Diamond Children's Hospital consisting of, (16) new Telecommunications Rooms (TRs) and redundant copper and fiber optic backbone cabling (136 backbone fiber optic cables) and over 11,500 horizontal Cat5e and Cat6 cables. His record of success is unsurpassed in the industry. This vast experience in the Telecommunications field, allows him the ability to anticipate project issues, and resolve them proactively which prevents long and costly delays. He has the proven skills to manage demanding projects like this.

Mr. Burroughs amount of experience also serves as the forefront Quality Control Agent; having established our QC plan and training. Mark ensures our Technicians are educated and properly trained so that you are ensured the highest quality installation.

Certifications: Senior Project Management/ Estimating, PMP Project Management, Safety Manager, Assure Quality Control, Materials management., Confined Space Safety and OSHA Safety, Panduit Copper and Fiber Systems, STI Fire Stopping, OSHA 10, Confined Space Entry.

Leader Systems Integration – D.J. Stewart

'DJ,' has over 7 years of experience installing, servicing Standard and Specialized IT systems including Server & Storage Systems, WiFi, Access Control, Audio Visual and structured cabling systems. Mr. Stewart provides expertise to our clients implementing these and other systems. He has experience on projects Nellis AFB Joint Warfare AV systems, Vail USD Wireless Campus and CCTV and The town of Oro Valley Access Control and NVR systems.



Certifications: Job Safety for Construction, RedCloud Systems Programming, Aerohive Management, Panduit PCI Certified, BTO Legrand Certified Technician, Leviton Technician, Tyco ITS Technician, Access Control Programming, CCTV & NVR Systems A+ IT Tech & Network.

Project Manager – Francisco Raygosa

Mr. Raygosa has over 10 years of project management, servicing and managing ITS projects to success. Mr. Raygosa has experience on numerous projects throughout the Pima County ITS Network, installing and servicing Cat 5e, Cat 6, Along with Fiber Optic cabling, his expertise, where he has extensive experience in terminating, fusion splicing, testing and troubleshooting fiber optic cable. Francisco's previous experience includes working on projects for the Tucson Airport Authority, Davis Monthan along with the Vail Unified School District and The Veterans Administration where he recently terminated and tested over 5000 optical fiber connections. Bobby is the front line for Quality Control and Client Satisfaction.

Certifications: Project management in the construction environment, Fiber Optic Splicing & Termination, Job Safety for Construction, Panduit PCI Certified, BICSI level II Technician, BTO Legrand Certified Technician, Leviton Technician, Tyco ITS Technician, Fiber Training School, OSHA 10.

Lead ITS Technician – Ben Arrellin

Mr. Arrellin has over 15 years of experience including being in charge of ITS crews for University of Arizona, Pima College, Global information Command Center managing all aspects of work including: Quality of work, Change orders, and safety.

Certifications: Job Safety for Construction, OSHA 30, Confined space, Panduit Fiber & Copper Technician, BTO Legrand Certified Technician, Leviton Technician, , Tyco ITS Technician

Lead ITS Technician – Mark Riley

Mr. Riley has over 20 years of experience including successfully completing work for the University of Arizona, Pima College, The Veterans Administration, managing all aspects of work including: Quality of work, Materials Management, Change orders, and safety.

Certifications: Job Safety for Construction, OSHA 10, Panduit Fiber & Copper Technician, BTO Legrand Certified Technician, Leviton Technician, Tyco ITS Technician.

Technician – Damyon Arrellin

Mr. Arrellin has over 5 years of experience installing, servicing ITS projects to success. Mr. Diaz has experience on numerous projects throughout Southern Arizona.

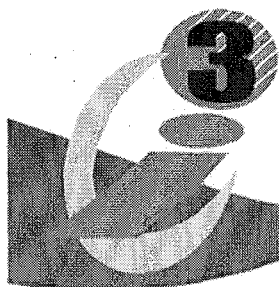
Certifications: Fiber Optic Splicing & Termination, Job Safety for Construction, OSHA 10, Panduit PCI Certified, Leviton Technician, Tyco ITS Technician.



Sales Conditions & Payment Terms

- Proposed costs are broken up for contract submission documents only.
- All installation labor, training and technical services are quoted as ancillary services necessary to install and/or maintain the system. Under no circumstances shall this include construction, alteration or repair of buildings, structures or other real property as defined by FAR 36.102.
- Solutions i3 is strictly non-union. All equipment is FOB Tucson, Arizona
- Equipment is subject to 60 day delivery term to CONUS destinations.
- Services are subject to negotiable delivery terms that will be scheduled upon receipt of order. Minimum delivery period is 90 days ARO. Solutions i3 recommends placing a purchase order for your project upon project award to ensure a timely installation.
- Partial Payments. In accordance with FAR 52.232.37 (Multiple Payment Arrangements), Solutions i3 will invoice for partial payments based on accepted delivery of equipment and partial performance of services, as follows:
 - Payment for stored and installed equipment is due net 30 days after delivery. Site personnel are responsible for conducting an inventory of equipment within 2 days of equipment arrival, or accepting Solutions i3's certification of inventory as listed on the packing slip.
 - Payment for labor services is due on a monthly billing cycle for progress made.
 - Payment for all remaining labor is due net 30 days from beneficial use of the system.

Sincerely,



Mark Burroughs
Operations Leader
Solutions i³ LLC
Intelligent, Integrated Innovations
12112 N. Rancho Vistoso Blvd
Suite 150-116
Oro Valley, AZ 85755
520.352.2627 Tel
520.360.5229 Cell
520-207.0033 Fax
MarkB@Solutionsi3.com
www.Solutionsi3.com
roc: 271159



5130 E CANADA ST
TUCSON, AZ 85706
PH: 520-722-9955
FAX: 520-879-9962
Tim@sentryfencebuilders.com

5/21/2019

PROPOSAL

PROJECT: Pima County Historic Courthouse Phase II

SCOPE: Gates and Fence

Sentry Fence Builders will supply labor, materials and equipment to complete the following:

1) GATES

A. East Gates @ Church Ave.

- * Install (2) new 4' wide x 5' tall pedestrian gates with (2) pair of Sure Close 57FS W hinge kits and (2) Simplex L1021 lever latches.
- * Replace (3) posts and adjust (2) existing fence panels.
- * Includes primer and finish paint.
- * Excludes repair to paver sidewalks at post removal areas.

B. South Gates @ Stairs

- * Install (2) new 6' +/- wide x 5' tall pedestrian gates including (2) pair of Sure Close 108 W hinge kits, (2) Simplex L1021 lever latch with (2) Von Duprin exit devises.
- * Includes primer and finish paint.

C. North Gates

- * Install (1) new 7' +/- wide x 5' tall double gate including (1) pair of Sure Close 108 W hinge kit, (1) pair of Sure Close SM W hinge kit, (1) L-17 lever latch with (1) Von Duprin exit devise, (1) Schlage 20-079 rim cylinder with permanent core 23-030 and (2) lockable drop rods.
- * Includes primer and finish paint.

D. Gate to Dumpster Enclosure

- * Install (1) new 5' wide x 5' tall pedestrian gate with a 2' infill fence panel including (1) pair of Sure Close 108 W hinge kit, (1) Simplex L1021 lever latch with (1) Von Duprin exit devise.
- * Includes primer and finish paint.

MATERIALS...\$ 19,641.00

LABOR...\$ 12,843.00

COMPLETE IN PLACE TOTAL...\$ 32,484.00

2) GUARD RAIL – BUDGET \$

* Install approximately 21' 6" of new 42" tall guard rail at platform to dumpster. The style is similar to the railing at the adjacent walkway with a 4" gap maximum.

* Provide embed plates to be set in concrete platform by concrete contractor for post attachment 4' +/- OC.

* Includes primer and finish paint.

MATERIALS...\$ 1,319.00

LABOR...\$ 2,016.00

COMPLETE IN PLACE TOTAL...\$ 3,335.00

3) DUMPSTER GATE – BUDGET \$

* Install (1) 13' 4" wide x 6' tall dumpster gate. The style is similar to the style of the other gates with heavy duty book hinges, (2) drop rods and a slide bolt latch.

* Includes primer and finish paint.

MATERIALS...\$ 2,100.00

LABOR...\$ 2,500.00

COMPLETE IN PLACE TOTAL...\$ 4,600.00

EXCLUDES: Grading, Clearing, Survey, Private utility locating, Core drilling, Saw cutting, Engineering, Inspections, Testing, Grounding, Signs, Repair to paver sidewalks, Traffic control, Re-keying locks, Pad locks, Permits and Tax.

KEY PERSONNEL

Eric Duarte- Site Supervisor

Tim Gantzer-Project Manager

******BILLABLE LABOR RATE FOR ALL PERSONNE... \$ 30.50 Per Hour**

Sincerely,

Tim Gantzer



2180 N. WILMOT
TUCSON, AZ 85712
Ph.(520) 884-9821 fx.(520) 884-1761

INVITATION TO BID

PROJECT NAME: PIMA COUNTY HISTORIC COURTHOUSE PHASE II
LOCATION: 1501 N. CAMPBELL AVE
BID DATE: MAY 24, 2019 @ 12:00 PM

SCOPE

1. Lloyd Construction will be completing the final phase of the renovation project with the Phase II Construction Document Set. The project will start in June and complete the first exhibit space turn over in October with final completion at the end of the year.
2. This is a GMP price so no contractor generated change orders will be accepted.
3. These are incomplete documents that the subcontractor is responsible for any scope gaps that should have been included.

KEY DATES:

- Bids due: May 24, 2019 @ 12:00pm
- Site Walk: May 17, 2019 at 9:00am
- Permit/Start Date: June 10, 2018
- Proposed Completion date: October 2019 turn over #1, February 2020 final completion.

ALL PROPOSALS WILL INCLUDE AS A MINIMUM:

- Detailed cost breakdown showing material and labor costs separately, clearly identifying all inclusions and exclusions
- Break out price of U of A area.
- Proposed key personnel
- Billable Labor rates for all personnel

KEY NOTES:

- There will be limited space for storage of materials and laydown area
- Limited parking on site, garage parking may be available at your own cost

Please direct all questions to Paul Pena or Jason Majias 520-884-9821
paul@lloydconstruction.com
jason@lloydconstruction.com

Project Name: Historical Courthouse GMP-4
Project No. CT-FM-19-416

Schedule of Values

Description	Scheduled Value	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Balance To Finish
General Conditions	\$ 442,466.77														\$ -
Protection of Finishes	\$ 37,150.00														\$ -
Demolition	\$ 9,500.00														\$ -
Concrete	\$ 14,300.00														\$ -
Steel	\$ 79,150.00														\$ -
Carpentry	\$ 341,750.00														\$ -
Caulking & Insulation	\$ 12,616.00														\$ -
Doors & Windows	\$ 138,195.00														\$ -
Finishes	\$ 614,541.05														\$ -
Specialties	\$ 10,400.00														\$ -
Fire Suppression	\$ 24,976.00														\$ -
Merchanical	\$ 238,645.00														\$ -
Electrical	\$ 638,000.00														\$ -
Communications	\$ 86,447.69														\$ -
Electronic Safety and Security	\$ 12,500.00														\$ -
Contractors Contingency	\$ 300,071.00														\$ -
Fee	\$ 180,042.50														\$ -
Insurances	\$ 83,471.91														\$ -
Tax	\$ 184,591.80														\$ -
															\$ -
															\$ -
Total	\$ 3,448,814.72	\$ -										\$ -	\$ -	\$ -	\$ -

List of Plans and Specs used for GMP 4

Historic Courthouse Phase II Tenant Improvement 99.5% Review Submittal May 6, 2019

Order In Set	Sheet name	Sheet number	Date on Drawing	Revisions
1	TITLE SHEET & GENERAL INFORMATION	G-100	05.06.19	
2	SHEET INDEX	G-101	05.06.19	
3	ABBREVIATIONS AND GENERAL NOTES	G-102	05.06.19	
4	CODE PLANS - PHASE II	G-103	05.06.19	
5	SCOPE DIAGRAM	G-104	05.06.19	
6	FIRE EXTINGUISHER PLANS - PHASE II	G-105	05.06.19	
7	SITE PLAN - NEW WORK	G-201	05.06.19	
8	SITE DETAILS	G-202	05.06.19	
9	GATES DETAIL	G-203	05.06.19	
10	STRUCTURAL NOTES	S-001	05.06.19	
11	STRUCTURAL NOTES	S-002	05.06.19	
12	LOWER LEVEL - STRUCTURAL PLAN	S-100	05.06.19	
13	LEVEL 1 - STRUCTURAL PLAN	S-101	05.06.19	
14	LEVEL 2 - STRUCTURAL PLAN	S-102	05.06.19	
15	LOWER LEVEL STRUCTURAL PLAN - UA LAB & STORAGE	S-200	05.06.19	
16	LEVEL 1 EXHIBIT TI STRUCTURAL PLAN - NORTH	S-201	05.06.19	
17	LEVEL 1 EXHIBIT TI STRUCTURAL PLAN - SOUTH	S-202	05.06.19	
18	LEVEL 1 - EXHIBIT TI UPPER SUPPORT PLAN - SOUTH	S-203	05.06.19	
19	LEVEL 2 EXHIBIT TI STRUCTURAL PLAN	S-204	05.06.19	
20	ENLARGED PLANS & DETAILS	S-205	05.06.19	
21	ENLARGED PLANS & DETAILS	S-206	05.06.19	
22	ENLARGED PLANS & DETAILS	S-207	05.06.19	
23	STRUCTURAL DETAILS	S-301	05.06.19	
24	STRUCTURAL DETAILS	S-302	05.06.19	
25	STRUCTURAL DETAILS	S-303	05.06.19	
26	STRUCTURAL DETAILS	S-304	05.06.19	
27	STRUCTURAL DETAILS	S-305	05.06.19	
28	STRUCTURAL DETAILS	S-306	05.06.19	
29	STRUCTURAL DETAILS	S-307	05.06.19	
30	STRUCTURAL DETAILS	S-308	05.06.19	
31	LOWER LEVEL DEMOLITION PLAN	A-000	05.06.19	
32	LEVEL 1 DEMOLITION PLAN - NORTH	A-001	05.06.19	
33	LEVEL 1 DEMOLITION PLAN - SOUTH	A-002	05.06.19	
34	LEVEL 2 DEMOLITION PLAN - SOUTH	A-003	05.06.19	
35	FRP COORDINATION	A-004	05.06.19	
36	LOWER LEVEL FLOOR PLAN - UA LAB AND STORAGE	A-100	05.06.19	
37	LOWER LEVEL DIMENSION PLAN - UA LAB + STORAGE	A-100a	05.06.19	
38	LEVEL 1 FLOOR PLAN - PIMA COUNTY VISITOR CENTER	A-101	05.06.19	
39	LEVEL 1 DIMENSION PLAN - PIMA COUNTY VISITOR CENTER	A-101a	05.06.19	
40	LEVEL 1 FLOOR PLAN - UA GEM AND MINERAL MUSEUM	A-102	05.06.19	
41	LEVEL 1 DIMENSION PLAN - UA GEM AND MINERAL MUSEUM	A-102a	05.06.19	
42	LEVEL 2 FLOOR PLAN - EXHIBITS	A-103	05.06.19	
43	LOWER LEVEL RCP - UA LAB AND STORAGE	A-200	05.06.19	
44	LEVEL 1 RCP - PIMA COUNTY VISITOR CENTER	A-201	05.06.19	
45	LEVEL 1 RCP - UA GEM AND MINERAL MUSEUM	A-202	05.06.19	
46	LEVEL 2 RCP - EXHIBITS	A-203	05.06.19	
47	RCP ACOUSTICAL	A-204	05.06.19	
48	CEILING DETAILS	A-205	05.06.19	
49	CEILING DETAILS	A-206	05.06.19	
50	CEILING DETAILS	A-207	05.06.19	
51	LEVEL 1 RCP - NORTH WING SLAB REPAIR	A-208	05.06.19	
52	LEVEL 1 RCP - SOUTH WING SLAB REPAIR	A-209	05.06.19	
53	BUILDING ELEVATIONS	A-300	05.06.19	
54	BUILDING SECTIONS	A-301	05.06.19	
55	BUILDING SECTIONS	A-302	05.06.19	
56	BUILDING SECTIONS	A-303	05.06.19	
57	BUILDING SECTIONS	A-304	05.06.19	
58	BUILDING AND WALL SECTIONS	A-305	05.06.19	
59	ENLARGED PLANS	A-400	05.06.19	
60	ENLARGED PLANS	A-401	05.06.19	
61	AUDITORIUM ENLARGED PLAN AND ELEVATIONS	A-402	05.06.19	
62	HISTORIC DILLINGER COURTOOM CORRIDOR WALL	A-403	05.06.19	
63	ELEVATIONS	A-404	05.06.19	
64	INTERIOR ELEVATIONS	A-405	05.06.19	

65	INTERIOR ELEVATIONS	A-406	05.06.19
66	INTERIOR ELEVATIONS	A-407	05.06.19
67	INTERIOR ELEVATIONS	A-408	05.06.19
68	WALL TYPES	A-500	05.06.19
69	WALL TYPES	A-501	05.06.19
70	MILLWORK DETAILS	A-502	05.06.19
71	MILLWORK DETAILS	A-503	05.06.19
72	DOOR FRAME TYPES AND SCHEDULES	A-600	05.06.19
73	WINDOW FRAME TYPES AND SCHEDULE	A-601	05.06.19
74	ALUMINUM FRAME TYPES	A-602	05.06.19
75	STOREFRONT DETAILS	A-603	05.06.19
76	DOOR & WINDOW DETAILS	A-604	05.06.19
77	AUTOMATED AND COIL DOORS ENLARGED PLANS	A-605	05.06.19
78	COIL DOORS SECTIONS	A-606	05.06.19
79	LOWER LEVEL FINISH PLAN - UA LAB AND STORAGE	A-700	05.06.19
80	LEVEL 1 FINISH PLAN - PIMA COUNTY VISITOR CENTER	A-701	05.06.19
81	LEVEL 1 FINISH PLAN - UA GEM AND MINERAL MUSEUM	A-702	05.06.19
82	LEVEL 2 FINISH PLAN - PIMA COUNTY	A-703	05.06.19
83	FLOOR AND WALL FINISH DETAILS	A-704	05.06.19
84	FLOOR AND WALL FINISH DETAILS	A-705	05.06.19
85	TRANSITION DETAILS	A-706	05.06.19
86	TRANSITION DETAILS	A-707	05.06.19
87	SNACK SHOP DETAILS	A-708	05.06.19
88	LOWER LEVEL MECHANICAL PLAN - UA LAB	M-100	05.06.19
	LEVEL 1 MECHANICAL PLAN - PIMA COUNTY VISITOR CENTER	M-101	05.06.19
89	LEVEL 1 MECHANICAL PLAN - UA GEM AND MINERAL MUSEUM	M-102	05.06.19
90	MECHANICAL PLAN - ATTIC SOUTH WING AND DILLINGER COURTROOM		
91		M-103	05.06.19
92	LOWER LEVEL MECHANICAL PIPING - UA LAB	M-200	05.06.19
	LEVEL 1 MECHANICAL PIPING PLAN - PIMA COUNTY VISITOR CENTER	M-201	05.06.19
93	LEVEL 1 MECHANICAL PIPING PLAN - UA GEM AND MINERAL MUSEUM	M-202	05.06.19
94	MECHANICAL SCHEDULES	M-300	05.06.19
95	LOWER LEVEL PLUMBING PLAN - UA LAB	P-100	05.06.19
96	PLUMBING/FIRE SPRINKLER PLAN LEVEL 1 - PIMA COUNTY VISITORS CENTER	P-101	05.06.19
97	LEVEL 1 PLUMBING/FIRE SPRINKLER PLAN - UA GEM AND MINERAL MUSEUM	P-102	05.06.19
98	LEVEL 1 PLUMBING SCHEDULES - UA GEM AND MINERAL MUSEUM	P-200	05.06.19
99	ELECTRICAL SYMBOL LEGEND, NOTES, & ABBREVIATIONS	E000	05.06.19
100	ELECTRICAL SYMBOL LEGEND (CONTINUED)	E001	05.06.19
101	LOWER LEVEL - UA LAB & STORAGE - POWER PLAN	E100	05.06.19
102	LOWER LEVEL - UA LAB - ENLARGED POWER PLAN	E100a	05.06.19
103	LOWER LEVEL - UA LAB & STORAGE - HVAC POWER PLANS	E100b	05.06.19
104	LEVEL 1 - PIMA COUNTY VISITOR CENTER - POWER PLAN	E101	05.06.19
105	LEVEL 1 - PIMA COUNTY VISITOR CENTER - HVAC POWER PLAN	E101a	05.06.19
106	LEVEL 1 - UA GEM & MINERAL MUSEUM - POWER PLAN	E102	05.06.19
107	LEVEL 1 - UA GEM & MINERAL MUSEUM - HVAC POWER PLAN	E102a	05.06.19
108	LEVEL 2 - DILLINGER COURTROOM - POWER PLAN	E103	05.06.19
109			
	LOWER LEVEL - UA LAB & STORAGE - SPECIAL SYSTEMS PLAN	E200	05.06.19
110	LEVEL 1 - PIMA COUNTY VISITOR CENTER - SPECIAL SYSTEMS PLAN	E201	05.06.19
111	LEVEL 1 - UA GEM & MINERAL MUSEUM - SPECIAL SYSTEMS PLAN	E202	05.06.19
112	LOWER LEVEL - UA LAB & STORAGE - LIGHTING PLAN	E300	05.06.19
113	LEVEL 1 LIGHTING PLAN - PIMA COUNTY VISITOR CENTER	E301	05.06.19
114			
115			

	LEVEL 1 - PIMA COUNTY VISITOR CENTER - EXHIBIT		
116	LIGHTING PLAN	E301a	05.06.19
117	LEVEL 1 LIGHTING PLAN - UA GEM & MINERAL MUSEUM	E302	05.06.19
	LEVEL 1 - UA GEM AND MINERAL MUSEUM - EXHIBIT		
118	LIGHTING PLAN	E302a	05.06.19
119	LEVEL 2 - DILLINGER COURTROOM - LIGHTING PLAN	E303	05.06.19
120	ELECTRICAL ONE LINE DIAGRAM	E400	05.06.19
121	FIRE ALARM RISER DIAGRAM	E500	05.06.19
122	PANEL SCHEDULES	E600	05.06.19
123	PANEL SCHEDULES	E601	05.06.19
124	PANEL SCHEDULES	E602	05.06.19
125	PANEL SCHEDULES	E603	05.06.19
126	LIGHT FIXTURE SCHEDULE	E700	05.06.19
127	LIGHTING DETAILS	E701	05.06.19
128	LIGHTING DETAILS	E702	05.06.19
129	LIGHTING DETAILS	E703	05.06.19
130	ELECTRICAL DETAILS	E800	05.06.19
131	ELECTRICAL DETAILS	E801	05.06.19
132	ELECTRICAL DETAILS	E802	05.06.19
133	LOWER LEVEL - UA LAB & STORAGE - TELECOM PLAN	T100	05.06.19
134	LOWER LEVEL - UA LAB - ENLARGED TELECOM PLAN	T100a	05.06.19
	LEVEL 1 - PIMA COUNTY VISITOR CENTER - TELECOM		
135	PLAN	T101	05.06.19
	LEVEL 1 - UA GEM & MINERAL MUSEUM - TELECOM		
136	PLAN	T102	05.06.19
137	LEVEL 2 - DILLINGER COURTROOM - TELECOM PLAN	T103	05.06.19
138	LEVEL 2 - NORTH - TELECOMMUNICATIONS PLAN	T104	05.06.19
139	TELECOMMUNICATIONS RISER DIAGRAM	T200	05.06.19

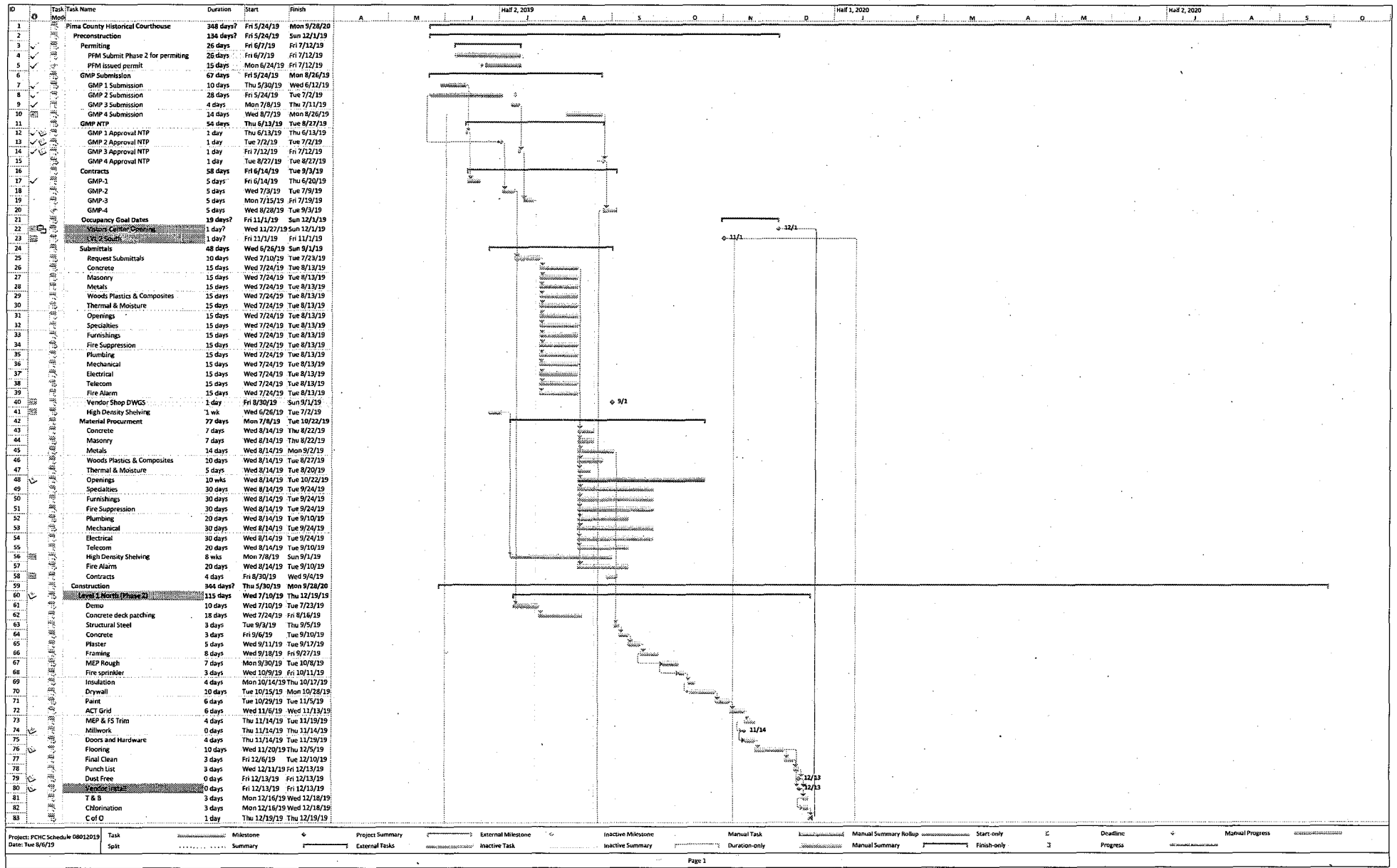


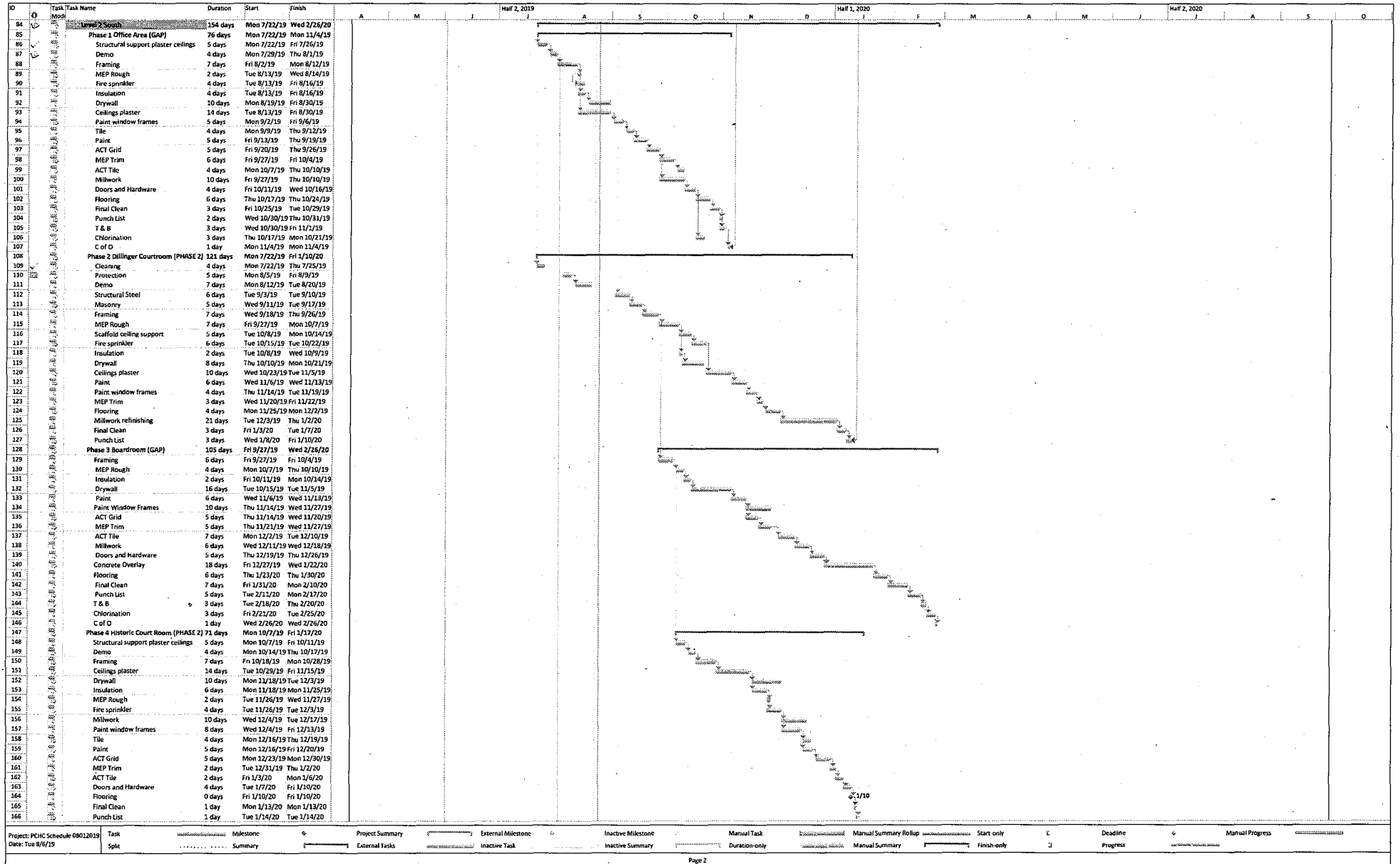
08/06/19

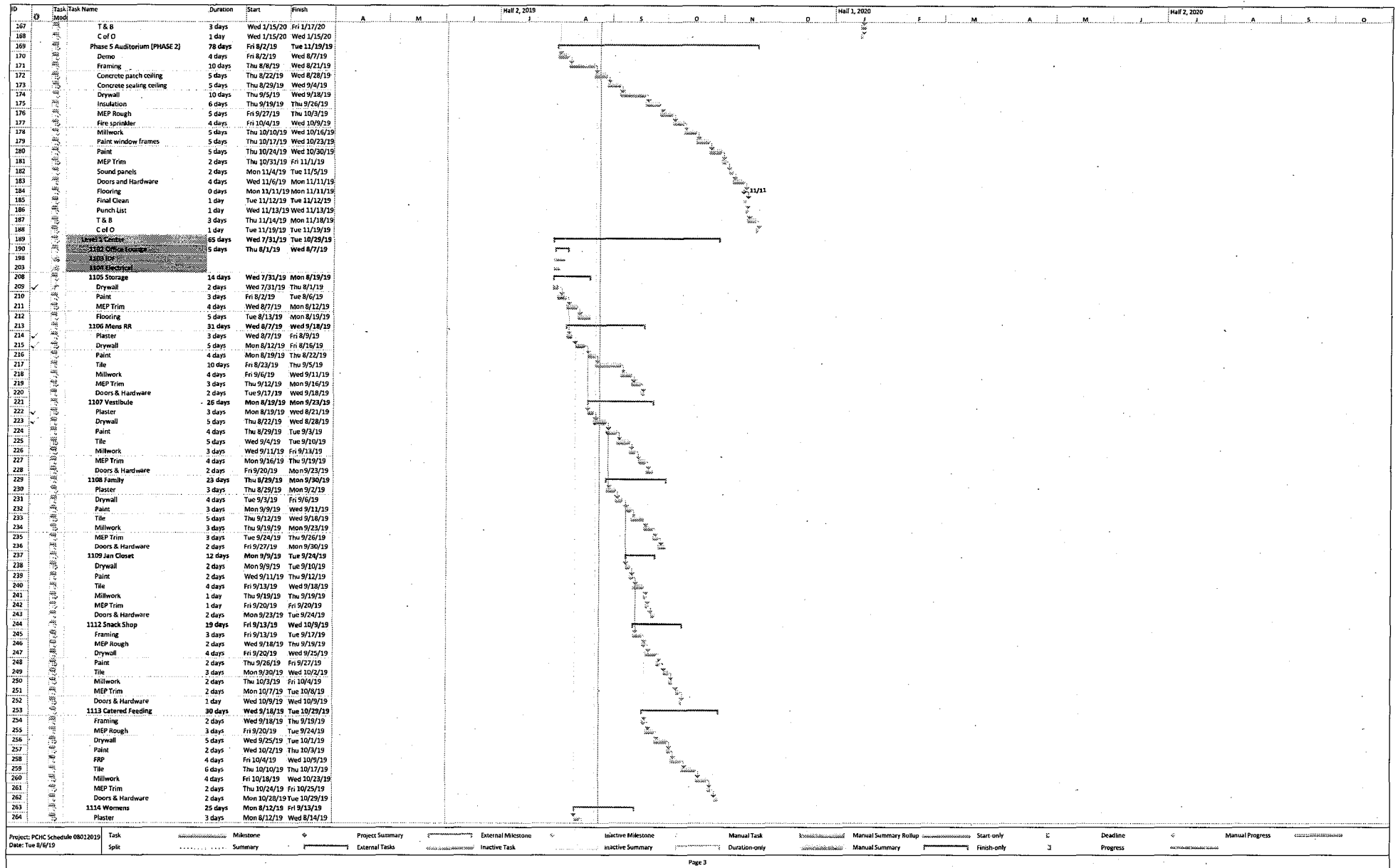
Project No. CT-FM-19-416

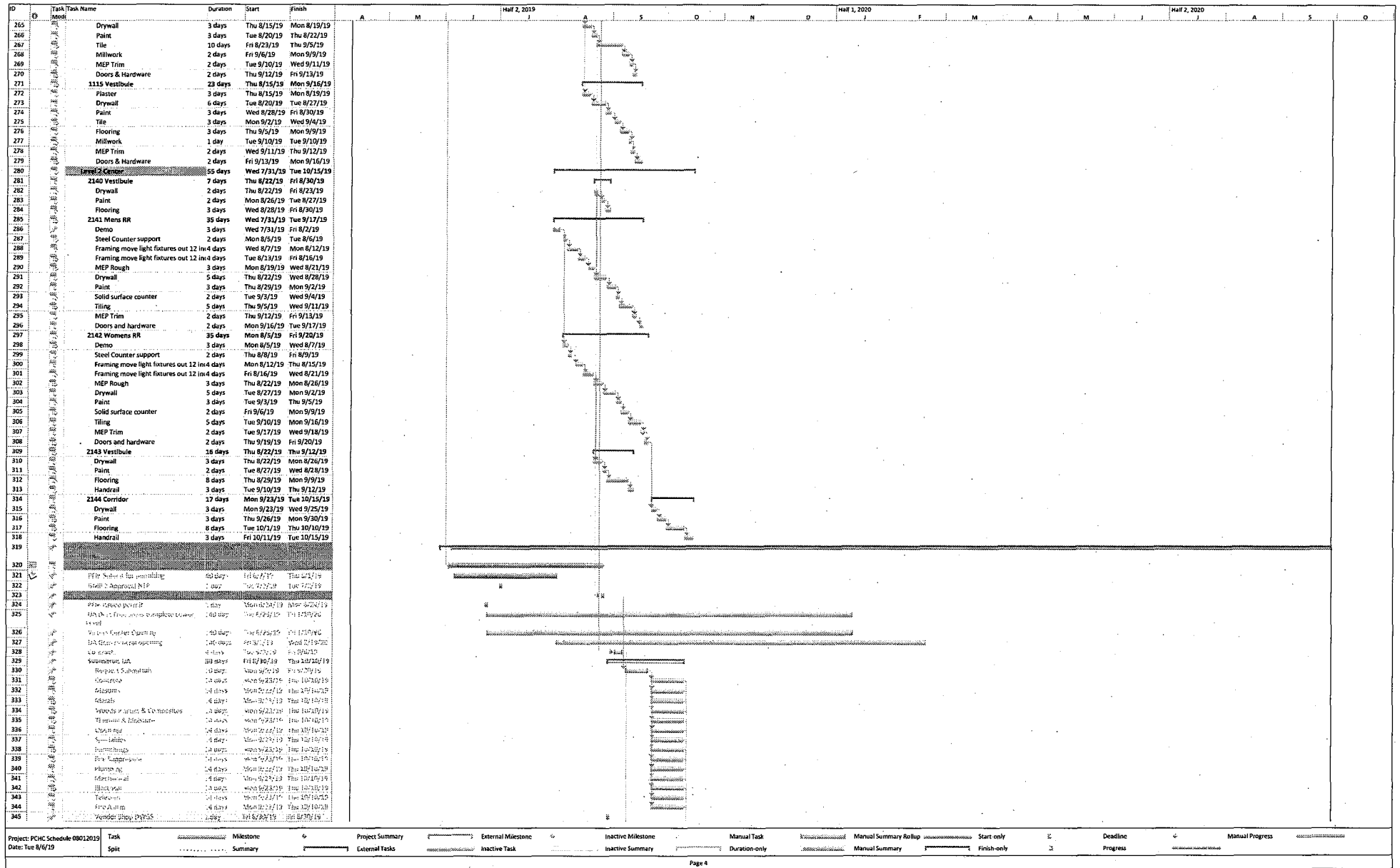
Historic Courthouse Final phase: GMP-4 Tenant Improvement

1. GMP-4 is based on a Notice to Proceed (NTP) of 9/1/19. Lloyd Construction cannot guarantee price or schedule after that date.
2. GMP-4 is for the portion of work belonging to The University of Arizona (UA) and has no costs included for the Pima County portion of the project scope.
3. GMP- 4 is for all work to be performed by Lloyd Construction and its subcontractor for the Historic Courthouse Final phase: GMP-4 Tenant Improvement.
4. Construction phase fee is 6% for GMP-4.
5. RFI review time has been agreed to be 5 days or less.
6. Submittal review time has agreed to be 2 weeks or less.
7. The building is assumed to be clear of hazardous or asbestos containing materials.
8. Temporary partitions are to be determined based on phased dust free turn overs.
9. Items labels as "buyout" or "allowance" in the Cost of Work will be priced by subcontractors during the course of construction and may need designer input to provide complete pricing information.
10. All utility services by Owner.
11. All special inspections and testing are by Owner per this specification section including third party sampling, assumes Owner/other will contract separately.
12. Seismic Design and delegated design are excluded.
13. Any items not included in construction documents as described in List of Plans and Specifications are excluded.
14. Subcontractor bond is excluded.
15. The project substantial completion is 11/15/20 based on NTP of 9/28/20. Should the owner choose to expedite the costs for the additional hours will be an owner change order.
16. Contingency is represented as 10% of the direct cost of construction. Contingency encumbrances shall be used for buyout of scopes as needed including scopes that don't have an assigned subcontractor and/or items that were shown in the construction documents but not included on the cost of work, unforeseen conditions, design related modifications not related to changes in project scope.
17. If work associated with GMP-4 extends the duration of the schedule and/or allocated General Conditions per the Schedule of Values then the General Conditions will be funded from the Contractor's Contingency. If the Contractor's contingency become exhausted as a result the Owner's Contingency shall fund costs.









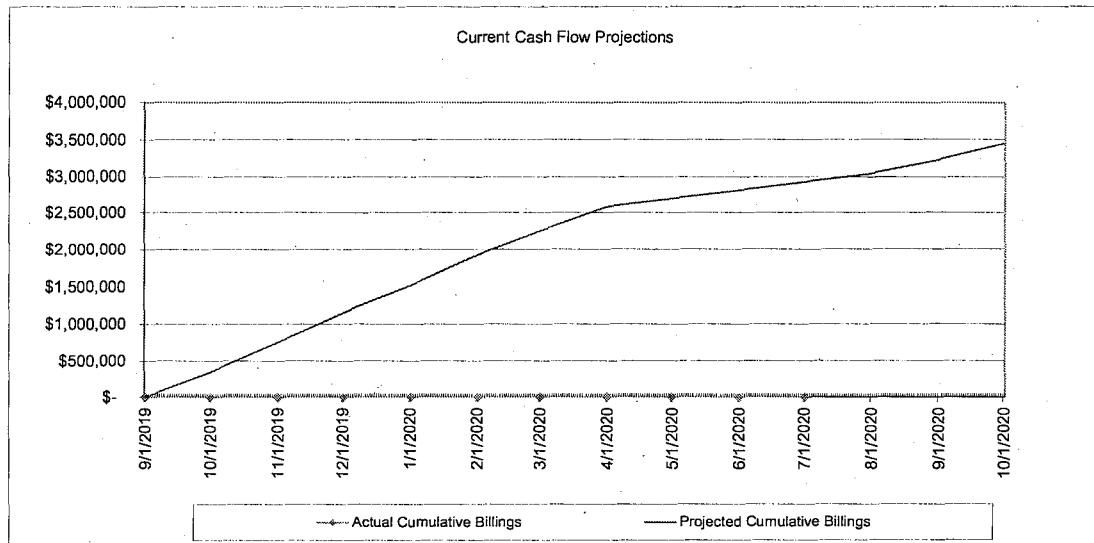
As of 8/6/2019

Cost Projections Table
Historic Court House

PROJECT NAME: Historic Courthouse Final phase: GMP-4 Tenant Improvement
PROJECT NO.:
DATE: 8/6/2019



Month-Yr	Projected Billings per Month	Projected Cumulative Billings	Req #	Actual Monthly Billings	Actual Cumulative Billings
Sep-19	\$ 105,000	\$ -	1	\$ -	\$ -
Oct-19	\$ 245,000	\$ 350,000	2	\$ -	\$ -
Nov-19	\$ 400,000	\$ 750,000	3	\$ -	\$ -
Dec-19	\$ 395,000	\$ 1,145,000	4	\$ -	\$ -
Jan-20	\$ 370,000	\$ 1,515,000	5	\$ -	\$ -
Feb-20	\$ 400,000	\$ 1,915,000	6	\$ -	\$ -
Mar-20	\$ 340,300	\$ 2,255,300	7	\$ -	\$ -
Apr-20	\$ 325,000	\$ 2,580,300	8	\$ -	\$ -
May-20	\$ 115,000	\$ 2,695,300	9	\$ -	\$ -
Jun-20	\$ 115,500	\$ 2,810,800	10	\$ -	\$ -
Jul-20	\$ 115,000	\$ 2,925,800	11	\$ -	\$ -
Aug-20	\$ 115,000	\$ 3,040,800	12		
Sep-20	\$ 185,000	\$ 3,225,800	13		
Oct-20	\$ 223,015	\$ 3,448,815	14		
Totals	\$ 3,448,814.57			\$ -	



Pima County Historic Courthouse
Subcontractor Selections for GMP-4

Demolition	Penhall
Concrete	Pala's
Structural Steel	Cutter Steel
Insulation	Tru Team
Coiling Doors	Applied Rite
Framing and Drywall	P&M Drywall
Flooring	Flooring Systems
Painting	DeLeon
Concrete Overlay	Casas Custom Flooring
Fire Suppression	Kazal
Plumbing	Qualified Mechanical
Mechanical	Qualified Mechanical
Electrical	Commonwealth Electric
Communications	Solutions i3

RIDER

Travelers Casualty and Surety Company of America Hartford, CT 06183

To be attached to and form a part of:

Bond No. 107018502

Type of Bond: Performance and Payment

Executed by Lloyd Construction Company, Inc., as Principal, and by
Travelers Casualty and Surety Company of America, as Surety, in favor of Pima County
and dated May 14, 2019.

In consideration of the premium charged for the attached bond, it is hereby agreed to change:

the bond amount

From: Four Million Seven Hundred Forty Eight Thousand Four Hundred Nine and 62/100 (\$4,748,409.62)

To: Eight Million One Hundred Ninety Seven Thousand Two Hundred Twenty Four and 19/100 (\$8,197,224.19)

This rider is effective August 12, 2019.

This rider is executed upon the express condition that the surety's liability under said bond shall not be cumulative and shall in no event exceed the amount specifically set forth in said bond or any existing certificate changing the amount of said bond. The referenced bond shall be subject to all its agreements, limitations and conditions except as herein expressly modified.

Signed this 12th day of August, 2019.

Lloyd Construction Company, Inc.

(Principal)

By:


William E. Lloyd, President

Travelers Casualty and Surety Company of America

By:


Tina Marie Perkins

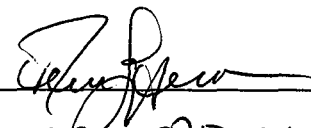
, Attorney-in-Fact

*Rider Accepted By:

Pima County

(Obligee)

By:


TERRI SPENCER, DIVISION MANAGER
PROCUREMENT DEPARTMENT



Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

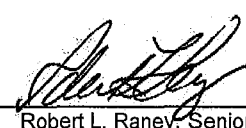
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Tina Marie Perkins** of **TUCSON Arizona**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 17th day of January, 2019.



State of Connecticut

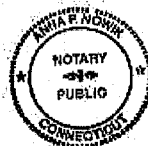
City of Hartford ss.

By: 
 Robert L. Raney, Senior Vice President

On this the 17th day of January, 2019, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2021




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

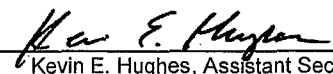
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 12th day of August, 2019




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which this Power of Attorney is attached.