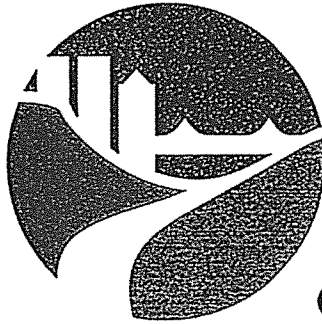


REQUEST FOR BIDS

Furnish and Install Cat 5E Data and Voice Cabling for the City of Peoria
21-14



MANDATORY PRE-BID MEETING
Tuesday, August 12, 2014 8:30 am
Fire Station #4 2711 SW Jefferson
Peoria, IL 61603 All locations will be
visited.

CITY OF
PEORIA

ISSUED BY
DIVISION OF PURCHASING
CITY OF
PEORIA, ILLINOIS

**Sealed Requests for Bids will be received at the office of
The PURCHASING MANAGER
Room 108, City Hall,
419 Fulton Street, Peoria, Illinois until 2:00 P.M.**

Friday, August 22, 2014
**for furnishing the materials, or services
described herein.**

**PLEASE RETURN ENTIRE
DOCUMENT AS YOUR RESPONSE. SUBMITTED BY:**

Koefner Electric
600 McKinley Ave
Bartonville, IL 61607

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INSTRUCTIONS TO BIDDER (1) 2/26/13

ACCEPTANCE OF BIDS - The right is reserved, as the interest of the City may require, to reject any or all bids and to waive any nonmaterial informality or irregularity in the bids received. All bids will be in English. The City will award the bid as described below or reject all proposals within sixty (60) calendar days from the bid opening date.

ADDITIONAL COPIES OF SPECIFICATIONS - Bidders may secure additional copies of the bid specifications from the City Purchasing office.

BID ENVELOPE IDENTIFICATION - Bidders shall submit their proposal in a sealed envelope (sealed bid) which shall be clearly labeled with the company name and address. Bidders are requested to indicate in the LOWER LEFT HAND CORNER OF THE ENVELOPE THE ITEM BEING BID, BID NUMBER, DATE AND TIME THE BID IS DUE.

MAILING OF BIDS - Three copies of all bid proposals are to be mailed or delivered to the City Purchasing Manager, Room 108, City Hall, 419 Fulton Street, Peoria, Illinois, 61602-1276. Proposals will not be accepted by FAX, e-mail, internet, telephone or telegraphic means. The City Purchasing Manager can be contacted at (309) 494-8582.

CLOSING TIME - The Bid closing time will be based upon Central Standard Time or Central Daylight Time, whichever is in effect on the date the bid is due.

AWARD - An award will be made to the lowest qualified (responsive and responsible) proposal that complies with the terms and conditions of the specifications provided that it is in the best interest of the City to accept the proposal. Awards will be made on per item basis unless otherwise stated. The quality of the articles to be supplied, their conformity with specifications, their suitability to the requirements of the City and the delivery terms will be taken into consideration in making the award. By signing this document Vendor/Contractor/Consultant is certifying they have not been barred from bidding by Federal, State or Local governments and has not been suspended or debarred from receiving federal funding.

WITHDRAWAL OF BIDS - Bidders may withdraw their proposals at any time prior to the bid closing time by telephone, fax or written request. A telephone request must be confirmed in writing within 24 hours of the call and prior to closing time. No bidder shall withdraw his bid for a period of sixty (60) calendar days from the bid opening date. Negligence on the part of the bidder in preparing a proposal confers no right of withdrawal or modification of a proposal after it has been opened. No bid will be opened which has been received after the closing time specified in the bid proposal and it will be returned unopened to the bidder.

ALTERNATE BIDS - The specifications describe the supplies and/or service, which the City feels are necessary to meet the performance requirements of the City. Bidders desiring to bid on items which deviate from these specifications, but which they believe to be equivalent, are requested to submit alternate bids. However, ALTERNATE TENDERS MUST BE CLEARLY INDICATED AS SUCH AND DEVIATIONS FROM THE APPLICABLE SPECIFICATIONS PLAINLY NOTED. The bid must be accompanied by complete specifications of the items offered.

PRICES - Unit prices shall be shown for each unit on which there is a bid and shall include all packing, crating freight and shipping charges and cost of unloading supplies at destination unless otherwise stated in the bid proposal. All prices shall be stated in U.S. dollars. Unit prices shall not include any local, state or federal taxes. In case of mistake in extension of price, unit price shall govern. All prices must be typewritten or written in ink. No erasures are permitted. Mistakes must be crossed out and corrections typewritten or written in ink adjacent thereto and initialed in ink by the party signing the bid or his authorized representative.

DISCOUNTS - Cash discounts for payment within twenty (20) days or more will be considered in the awarding of the bid. Discounts of less than twenty (20) days will not be considered in the bid evaluation. Where the net bid is equal to a bid with a cash discount deducted, the award shall be made to the net bid. Discounts will be figured from the date of delivery and acceptance of the articles, or in the case of incorrect invoice, from the date of receipt of corrected invoice.

SIGNATURES - Each bid must be signed by the bidder with his usual signature. Bids by partnerships must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Bids by corporations must be signed with the name of the

corporation, followed by the signature and title of person authorized to bind it on the matter. All signatures must be in ink.

INVESTIGATION - Bidders shall make all investigations necessary to thoroughly inform themselves regarding the supplies and/or service to be furnished in accordance with the bid proposal. No plea of ignorance by the bidder, of conditions that exist or that may hereafter exist as a result of failure or omission on the part of the bidder to make the necessary examinations and investigations, will be accepted as a basis for varying the requirements of the City or the compensation to the bidder.

EQUAL EMPLOYMENT OPPORTUNITY – To be awarded a contract all Suppliers, Vendors, Contractors to the City of Peoria and/or County of Peoria **must** be registered in the City of Peoria's Contract Compliance Program and have a current EEO Certification number. This program is unrelated to any State and Federal program. The number is secured by completing and submitting, under notary seal, an Employer Report Form CC-1 (with required sexual harassment policy attached) to the City's Equal Opportunity Office. *Please note that the Certificate of Compliance is valid for one year and must be annually renewed.* Though the form may be included in the bid package, it can be requested on-line from the City's website (<http://www.peoriagov.org/equal-opportunity-forms>). Click on Government > Departments A-G > Equal Opportunity > Forms, then select "Employer Report Form CC-1". The forms can also be obtained by writing or calling:

City of Peoria
Equal Opportunity Office
419 Fulton Street
Peoria, IL 61602
(309) 494-8530 Voice
(309) 494-8532 TTY

In accordance with Chapter 17 of the Peoria Municipal Code, a fifty-dollar (\$50.00) processing fee will be charged with each original submission of the Employer Report Form CC-1 that results in an approved certificate as well as the Annual Renewal Application. The only exception to payment of the processing fee is neighborhood associations.

Although all vendors are encouraged to obtain Equal Employment Opportunity Certification, vendors do not need an Equal Opportunity Certification to respond to a bid proposal. The EEO Certification Number is only required prior to the award of the contract.

Good Faith Efforts Requirements (projects exceeding \$50,000)
Minority/Women Business Enterprise(M/WBE) Utilization

Bidders must demonstrate that they made good faith efforts to meet participation goals. Documentation supportive of their good faith efforts to utilize M/WBEs must be submitted at the time of bid. For details on what records see **M/WBE**

Participation Requirements for Good-Faith Efforts, Section III.
Compliance Reporting Minority/Female Worker Utilization

The General Contractor and its subcontractors must provide to the City of Peoria documentation on their good faith efforts to comply with the workforce participation goals. This would include, but not limited to, weekly certified payroll reports. All information will be provided through **ePrismSoft**, an electronic web based compliance tracking software. Access to **ePrismSoft** has been furnished by the City of Peoria. To activate access the General Contractor and subcontractors must contact Human Capital Development.

SAMPLES - Samples of items, when required, must be submitted within the time specified and at no expense to the City; and if not destroyed in testing, they will be returned at the bidders request and expense. Samples, which are not requested for return within thirty (30) days, will become the property of the City.

RESPONSES – A response is requested of all bidders even if it is a "no bid". Do not include any personal information such as social security numbers that the bidder/proposer wishes to keep confidential.

CONTRACT TERMS

TAXES - The City is exempt, by law, from paying State and City Retailers Occupation Tax, State Service Occupation Tax, State Use Tax and Federal Excise Tax. The City will execute tax exemption certificates whenever required. The unit prices should be exclusive of all taxes. In the event the unit price includes taxes, the bidder must show the amount of tax included in the unit price.

CITY'S AGENT- The City Purchasing Manager shall represent and act for the City in all matters pertaining to the bid proposal and contract in conjunction thereto.

PATENTS - The successful bidder agrees to protect, defend and save the City harmless against any demand for payment for the use of any patented material process, article or device that may enter into the manufacturer, construction or form a part of the work covered by the contract.

HUMAN RIGHTS ACT - The contract will be subject to and governed by the rules and regulations of the Illinois Human Rights Act 775ILCS5/1-101 et seq. and as amended. And the provision of Chapter 775 of the Illinois Compiled Statutes 5/2-105 on Sexual Harassment policies.

NON-COLLUSION - With the executing of this bid the Bidder is certifying to non-collusion in the preparation and submittal. The bid must be properly executed by the bidder or the bid will not be considered for acceptance.

DEFAULT - In case of default by the contractor, the City will procure the articles services from other sources and hold the contractor responsible for any excess cost incurred.

CANCELLATION - The City reserves the right to cancel the whole or any part of the contract, if the contractor fails to perform any of the provisions in the contract or fails to make delivery within the time stated. The cancellation notice will be written and delivered by certified mail to contractors address on record. In the event the contract is canceled, the vendor may be declared an irresponsible vendor by the City Manager and as a result may be disqualified from doing business with the City for the period of one year in accordance with Section 10-102 of the Peoria City Code. The contractor will not be liable to perform if situations arise by reason of strikes, acts of God or the public enemy, acts of the City, fires or floods.

PRICES SPECIFIED – The successful bidder agrees to furnish the material or services according to the City's plans, specifications and conditions and at prices specified hereon.

BID-RIGGING OR BID-ROTATING - By the signing of this bid, the Bidder is certifying that the company is not barred from bidding on this bid as a result of a conviction for the violation of State of Illinois laws prohibiting bid-rigging or bid-rotating per Public Act 720ILCS, Section 5-33E-3 and 5/33E-4.

DELINQUENT PAYMENT - By the signing of this bid, the Bidder is certifying that the company is not delinquent in the payment of any indebtedness, tax, fee, liens, fines owed or accruing to the City of Peoria or in the payment of any tax administered by the Illinois Department of Revenue and is in compliance with the terms and conditions of Section 10-109 of the Peoria City Code; and Chapter 65 of the Illinois Compiled Statutes, Section 5/11-42.1-1.

PERMITS AND LICENSES - The successful bidder shall obtain, at his own expense, all permits and licenses which may be required to complete the contract.

INSURANCE – The successful Proposer shall obtain, at its own expense, all necessary insurance with regard to its fiduciary responsibility to the City of Peoria. Said Proposer shall indemnify and hold harmless the City of Peoria, its officials, officers, directors, employees, heirs and assigns from any and all actions, claims, demands or suits at law or equity for damages, costs, loss or other injury as a result of the contract.

The City does not assume any liability for acts or omissions of contractor and such liability rests solely with contractor.

Contractor's Insurance – The contractor and all subcontractors shall secure and maintain such insurance policies as will protect the contractor or subcontractors from claims for bodily injuries, death or property damage which may arise from operations under this Contract whether such operations be by contractor or anyone employed by contractor directly or indirectly. The following insurance policies are **required**:

- Statutory Worker's Compensation
- Comprehensive General Liability
 - Combined Single Limit \$1,000,000.00
 - Property Damage \$1,000,000.00

-	Automobile Public Liability and Property Damage	
	Combined Single Limit	\$1,000,000.00
	Property Damage	\$1,000,000.00

Insurance Inclusions – The comprehensive general liability insurance shall include independent contractors' protective liability, products and completed operations broad form property damage coverage. The completed operations and products liability shall be maintained for two years after final payment.

Contractual Liability – The insurance required above shall include contractual liability insurance coverage for the contractor's obligations under the section below entitled, "Hold Harmless and Indemnification Agreement".

Certificates of Insurance – Certificates of insurance acceptable to the City indicating insurance required by the Contract is in force shall be filed with the City prior to contract approval by the City. These certificates shall contain a provision that coverage afforded under the policies will not be canceled until at least thirty (30) days prior written notice has been given to the City.

PRECEDENCE - Where special conditions are written in the specifications, these conditions shall take precedence over any conditions listed under the "Instructions to Bidders".

PREVAILING WAGES – Work under some contracts will obligate the Contractor and Subcontractors not to discriminate in employment practices. Provisions of the Prevailing Wage Act, 820 ILCS 130/0.01 et.seq., may apply to this project. Additional information can be obtained by calling (217) 782-6206. Applicable prevailing wage rates can be found at www.state.il.us/agency/idol/ for examination. Also applicable to this project are project provisions of the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/0.01 et.seq., which requires that Illinois residents of 30 days or more be hired for Public Works Projects and improvements if the State Unemployment rate exceeds 5% for two (2) consecutive months.

During the term of the awarded contract or as long as work continues, whichever is longer, and on a monthly basis, the Contractor shall submit in person, by mail or electronically, a certified payroll to the Designated Representative of the City of Peoria. The certified payroll shall consist of a complete copy of the following records: a list of all laborers, mechanics, and other workers employed by them to perform the work hereunder. The records shall include the following information for each worker:

- name
- address
- telephone number when available
- social security number
- classification or classifications
- the hourly wages paid in each pay period
- the number of hours worked each day, and
- the starting and ending times of work each day.

The certified payroll shall be accompanied by a statement signed and sworn to by the Contractor or subcontractor which avers that:

- (1) such records are true and accurate
- (2) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by the Prevailing Wage Act (820 ILCS 130/0.01 et.seq.), and
- (3) the Contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B Misdemeanor.

Upon two (2) business days' notice, the Contractor and each subcontractor shall make available for inspection the records identified above to the City, its officers and agents.

GOVERNING – This contract will be governed by the laws of the State of Illinois. The contractor/vendor agrees that Chapter 10 of the Code of the City of Peoria is hereby incorporated by reference, as if set out verbatim."

AFFIRMATIVE ACTION REQUIREMENTS - "The contractor/vendor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual harassment, ancestry, national origin, place of birth, age or a physical or mental handicap which would not interfere with the efficient performance of the job in question. The contractor/vendor will take affirmative action to comply with the provision of this division and will require any subcontractor to submit to the city written commitment to comply with this division. The contractor/vendor will distribute copies of this commitment to all persons who participate in recruitment, screening, referral and selection of job applicants, prospective job applicants, member or prospective subcontractors."

"The contractor/vendor agrees that the provision of Division 4 of Article III of Chapter 17 of the Code of the City of Peoria is hereby incorporated by reference, as if set out verbatim."

Local Purchasing -

For purchases of \$10,000.00 or greater, if:

- (1) the lowest bidding local vendor is a responsible bidder; and
- (2) the lower-bidding responsible bidders are not local vendors; and

(3) the lowest bidding local vendor's bid is higher than the non-local vendor by no more than three (3) percent, then that local vendor should be considered the lowest responsible bidder. In case of a dispute about the application of this provision, the decision of the city manager or the purchasing agent acting for him shall be final.

For purposes of this Subsection, a local vendor shall be one that sells goods or services to the public, either retail or wholesale, and owns or leases a physical, commercial business location, with on-site staffing and regular business hours, within the corporate limits of the City of Peoria, Illinois. The provisions of this subsection shall not be applied to a contract if the funding source prohibits local preference by law, rule, or regulation.

EMPLOYEE EMPLOYMENT RESTRICTIONS – THE CONTRACTOR

THE CONTRACTOR agrees, as a condition of accepting this contract with the City of Peoria, that, for a period of one (1) year following completion of this contract, it shall be prohibited from hiring, directly or indirectly, any City employee or official who was involved, directly or indirectly in: (1) the selection and/or recommendation to select the CONTRACTOR for performance of this contract; (2) coordinating the efforts of the CONTRACTOR in the consummation or completion of this contract; or (3) monitoring or determining the performance of the CONTRACTOR. The CONTRACTOR further acknowledges and agrees that, upon the City's determination that a violation of this provision has occurred, the penalty imposed, at the sole discretion of the City, may include one or more of the following: (1) cancellation of any other contract(s) between the City of Peoria and the CONTRACTOR; (2) disqualification of the CONTRACTOR from bidding or being awarded future contracts with the City of Peoria for a period of two [2] years; and/or (3) payment of liquidated damages to the City of Peoria in the amount of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00).

This does not apply to any City Employee involved in the 2011-12 reduction in force; nor does it apply to parties taking the Early Retirement Incentive offered by the City from November 1, 2011 through November 1, 2012.

REFERENCE - All of the contract terms shall be incorporated by reference into any written contract.

Price to install cable as specified: (Although the City is Requesting pricing per station an award will be based on the total price)

Fire House 4	\$ <u>4,060.00</u>
Fire House 8	\$ <u>10,550.00</u>
Fire House 3	\$ <u>2,075.00</u>
Fire House 11	\$ <u>3,900.00</u>
Fire House 13	\$ <u>1,400.00</u>
Fire House 19	\$ <u>4,170.00</u>
Fire House 20	\$ <u>2,520.00</u>

Unit Prices

wall phone - \$250.00
 2 port location - \$480.00
 1 port location - \$240.00

TOTAL \$ 28,675.00

**CITY OF PEORIA
 BID/PROPOSAL**

The executing of this form certifies understanding and compliance with the total proposal package.

PROPOSAL SUBMITTED BY:

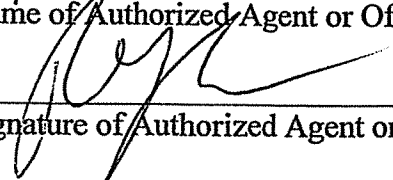
KCom Technologies # 00082 - 130630
 Company Peoria EEO Number

6301 SW Washington
 Address

Bartonville IL 61607 309-697-5550
 City State Zip Daytime Telephone #

309-697-5650 Steve Holzhauser
 After Hours Telephone # Contact Person (Please print or type)

Ryan A. Koener Vice President
 Name of Authorized Agent or Officer Title

 8-20-14
 Signature of Authorized Agent or Officer Date

MARK ENVELOPE: BID # 21-14

REQUEST FOR BID

Furnish and Install Cat 5E Data and Voice Cabling for the City of Peoria

**Contact: Brian Kurylak
City of Peoria
(309) 494-8127**

Prepared By:
City of Peoria
419 Fulton
Peoria, IL 61602
Chris Switzer Purchasing Manager 309-494-8507

REQUEST FOR BID # 21-14

Sealed Bids:

Vendor will deliver one (1) original and three (3) copies to:
City of Peoria
419 Fulton
Peoria, IL 61602
Chris Switzer
Bid #
By:
2:00 p.m. on Friday, August 22, 2014



This submission shall include the entire Request for Proposal document, requested attachments, and any amendments if issued. Proposals received after the above cited time will be considered a late bid and are not acceptable.

All submitted proposals must be clearly marked "SEALED RFP #"
Please direct purchasing and procedural questions regarding this RFP to:
Chris Switzer
309-494-8507 or
cswitzer@peoriagov.org

Please direct technical questions regarding this RFP to:

Brian Kurylak
309-494-8127 or
bkurylak@peoriagov.org
IMPORTANT DATES

Issue RFP	August 5, 2014
Walk-Through	August 12, 2014 at 8:30am
Questions to City	August 15, 2014
Bids Due back	August 22, 2014 at 2:00pm
Award Contract	September 9, 2014
Start Project	September 15, 2014

Award and Start Dates are subject to change.

ON-SITE VISIT INFORMATION (REQUIRED)

PRE-BID MEETING: There will be a **MANDATORY PRE-BID MEETING** on August 12, 2014, 8:30am. The meeting will be held at Fire Station 4 located at 2711 SW Jefferson, Peoria IL. The bidder and City of Peoria will be visiting all Locations listed below to determine cable install locations, types of jacks, communication rack location and the scope of work to be performed. **Bids will only be accepted by vendors attending the pre-bid conference.**

August 12, 2014 Mandatory Pre-Bid Meeting starting at 8:30am

Fire House 4	2711 SW Jefferson	8:30am
Fire House 8	832 W Hurlburt	10:00am
Fire House 3	1204 W Armstrong	11:00am
Lunch Break	12:00pm - 1:00pm	Lunch Break
Fire House 11	1025 W Florence	1:00pm
Fire House 13	2114 W Richwoods	2:00pm
Fire House 19	5719 N Frostwood Pkwy	3:00pm
Fire House 20	2020 W Wilhelm Road	4:00pm

SCOPE OF WORK: (Provisions of the Prevailing Wage Act, 820 ILCS 130/0.01 et.seq., apply to this project.)

The City of Peoria is seeking bids from contractors for labor and material to perform the following work at the City of Peoria Fire Stations:

- Fire House 4: Install CAT5E wiring, patch panels and jacks
- Fire House 8: Install CAT5E wiring, patch panels and jacks (Some CAT5E wiring already installed)
- Fire House 3: Install CAT5E patch panels and jacks. CAT5E wiring already installed
- Fire House 11: Install CAT5E wiring, patch panels and jacks
- Fire House 13: Install CAT5E patch panels and jacks. CAT5E wiring already installed
- Fire House 19: Install CAT5E patch panels and jacks. CAT5E wiring already installed
- Fire House 20: Install CAT5E patch panels and jacks. CAT5E wiring already installed

The chosen company must work with City staff to help with any design issues, schedules, and communicate well with all parties concerned. The City of Peoria will provide generic building prints but the contractor will have to determine the length of cable to order for this project. All wire specifications, patch panels and jacks specifications for this project are listed in this RFP.

Contractor shall furnish all labor, materials, and equipment necessary to perform and complete the work called for in the plans, specifications, or other instructions attached to or referred to in this RFP. The contractor will need to determine length of CAT5E cable for the installation that requires new cabling.

Every Jack, Patch Panel and Communication Cabinet location will be verified during the walk-through and the contractor will be responsible to supply the length of cable and material to complete the install.

It is understood that except as otherwise specifically stated in the contract, the (Contractor) shall provide and pay for all materials, labor, tools, equipment, transportation, temporary construction of every nature and all other services and facilities of every nature whatsoever, necessary to execute, complete and deliver the work.

INSTALLATION

- 1) The chosen company must install Category 5E grade plenum rated data wiring, and all connections, terminations, and parts must be minimum of CAT-5E quality. Category 5E wiring must be installed, and all connections, terminations, and parts must be verified working and tested.
- 2) For locations with existing CAT5E cable already installed, contractor will install patch panel and jacks and re-test cable.
- 3) Single Category 5E installations will be required for all locations where a telephone is needed. Dual Category 5E cabling will be installed in work areas that have a computer, printer, etc and telephone. Single Wall Mount jacks will be installed where a telephone will be wall mounted.

Please use these symbols on your building prints when we walk through:

W-Wall (Single Wall Mount Jack to Mount Telephone)

D- Dual Jack (Telephone and Network)

S- Single (Single Jack for Telephone)

- 4) J-Hooks, and or other appropriate independent cable support systems must be supplied by the contractor and included in the proposal.
- 5) Termination of cabling shall be terminated at workstation end using RJ45 Category 5E, 568B jacks. Terminations for wall phones will be in single-gang flush mount faceplate that can mount a single line wall telephone device.
- 6) Contractor will install either wall mount or free standing 19in communication cabinet that will be discussed during the walk-through for each site. ~~the City of Peoria will purchase all 19in communication cabinets for this project.~~
- 7) Grounding of all racks shall be of #6 THHN ground wire to building steel or a ground reference point. The contractor must provide a ground reference point in the room.
- 8) The CAT-5E cable should take four pairs of wire to each location. There may be locations which will require multiple CAT-5E cables to the location. This will be noted during the walk-through.
- 9) The station cabling will be run in major pathways utilizing an independent support system. Cables will be routed in a manner that will maintain at least minimum separation requirements from any AC power sources or EMI emitting devices. All placement of cable to be in strict accordance with the TIA/EIA 568A Commercial Building Standard for Telecommunications Pathways and Spaces.
- 10) A set of working drawings shall be maintained on the site throughout the installation process.
- 11) All station outlets and patch panels shall be clearly and accurately identified using machine-generated labels.

TESTING/WARRANTY

- 1) All data and phone cables will be tested appropriately. Data cabling will be tested and certified for Category 5E connectivity using at least a Level II testing device. All Category 5E testing procedures shall conform to EIA/TIA TSB 67 Transmission Performance Specifications.

- 2) Upon completion of testing, one set of test results shall be delivered to the customer in either USB key or on CD.
- 3) Upon completion and acceptance of the system a warranty shall be provided on both the materials and the labor. The minimum warranty will be one year.

2.4 INSTALLATION

Regarding installation activity that is potentially disruptive (i.e. drilling, running cable, mounting frames, raceway, etc.) to administrative activity, the Contractors will notify the City of Peoria of potential disturbance prior to beginning work.

Contractors are to supply their own tools and equipment, especially brooms, dustpans, ladders etc.

Contractor will be required to broom clean work areas at the end of each shift or workday.

Installation equipment, materials, and product will ONLY be allowed to be kept in specified areas. Hallways, office areas lobbies etc. are not suitable for storage and the City will NOT be held liable for missing or stolen equipment.

Wiring to all outlets to run above the ceiling shall be fastened to the building structure at eight (8) foot intervals through the combined use of, but not limited to, J hooks, beam clamps, D-rings, and hangers. **At no time are voice or data drops/homeruns to be directly secured to the building structure above ceiling without the use of cable supports.** Cabling above ceiling shall be sectioned off, bundled and tied, and routed back to the communications cabinet. All wiring shall run continuously from the outlet to the communications cabinet without breaks or splices. Cable supports shall be employed every eight (8) feet. **Cable supports (J Hooks etc.) shall be sized 50% larger than needed to allow for future growth.**

In areas where ceiling tiles are removed for cable pulling, or ceiling tiles are damaged as a result of cable pulling, the Contractor shall replace tiles with like tiles.

All boxes, equipment and cable shall be firmly secured in place. Boxes, jacks and blocks shall be plumb and square. Consideration will be given for overall aesthetic factors. **Deviations due to design and or building structural considerations must be cleared with the City of Peoria.**

Any new, current or replacement wiring shall be clearly labeled. The Contractor and City will work to design a structured method of designating all cabling involved with the project.

The Contractor will observe all applicable departmental safety and security regulations established.

The Contractor is responsible for repair of damage to the building due to carelessness of their workmen, and exercise reasonable care to avoid any damage to property. The Contractor must report to the City any damage to the building that may exist or may occur during the occupancy of the quarters.

The Contractor must promptly correct all defects for which the Contractor is responsible.

Upon completion of the work, the Contractor must remove tools, equipment and all rubbish and debris from the premises and must leave the premises clean and neat.

The Contractor will obtain the City's (Telecommunications Administrator or Facilities Manager) permission before cutting into or through any part of the building structure such as beams, girders, concrete, or tile floors, partitions and ceilings. The Contractor shall restore any girders, beams, floors, partitions, ceilings, fire partitions and walls to their original condition.

New Category 5E cabling must have minimum two (2) foot service loop for each cable above ceiling. Service loop is to be neatly dressed and secured.

Category 5E patch panel terminations are to maintain cable jacket and twist a minimum of one half inch from point of termination. End station terminations are to maintain cable jacket and twist up to the edge of the jack housing.

Approved equipment and part numbers:

TracJack Patch Panel Kits Ortronics part number 401045290 24 ports 19in wide
 Clarity 5E UTP TracJack Ortronics part number TJ5E00-43 Orange (Computer)
 Clarity 5E UTP TracJack Ortronics part number TJ5E00 Fog White (Telephone)
 TrackJack Faceplates Ortronics part number OR-40300549 Fog White Single Gang 1-Port (Telephone)
 TrackJack Faceplates Ortronics part number OR-40300548 Fog White Single Gang 2-Port (Telephone and Network)
 TrackJack Wall Faceplates Ortronics part number OR-403STJ1WP Fog White Single Gang (Telephone Wall Mount)
 TrackJack Surface Mount Box Ortronics part number 404TJ2 Fog White 2-Port

APPROVED MANUFACTURERS

APPROVED CABLE MANUFACTURERS

The following manufacturers' products have been approved by Legrand for use in structured cabling systems requiring extended warranty provided the proper warranty registration procedures are followed by a ~~ComCert Certified Installer~~ and the project is approved by Legrand.

The following list applies to USA, Canada and Puerto Rico. Contact the local country manager for approved cable in other areas.

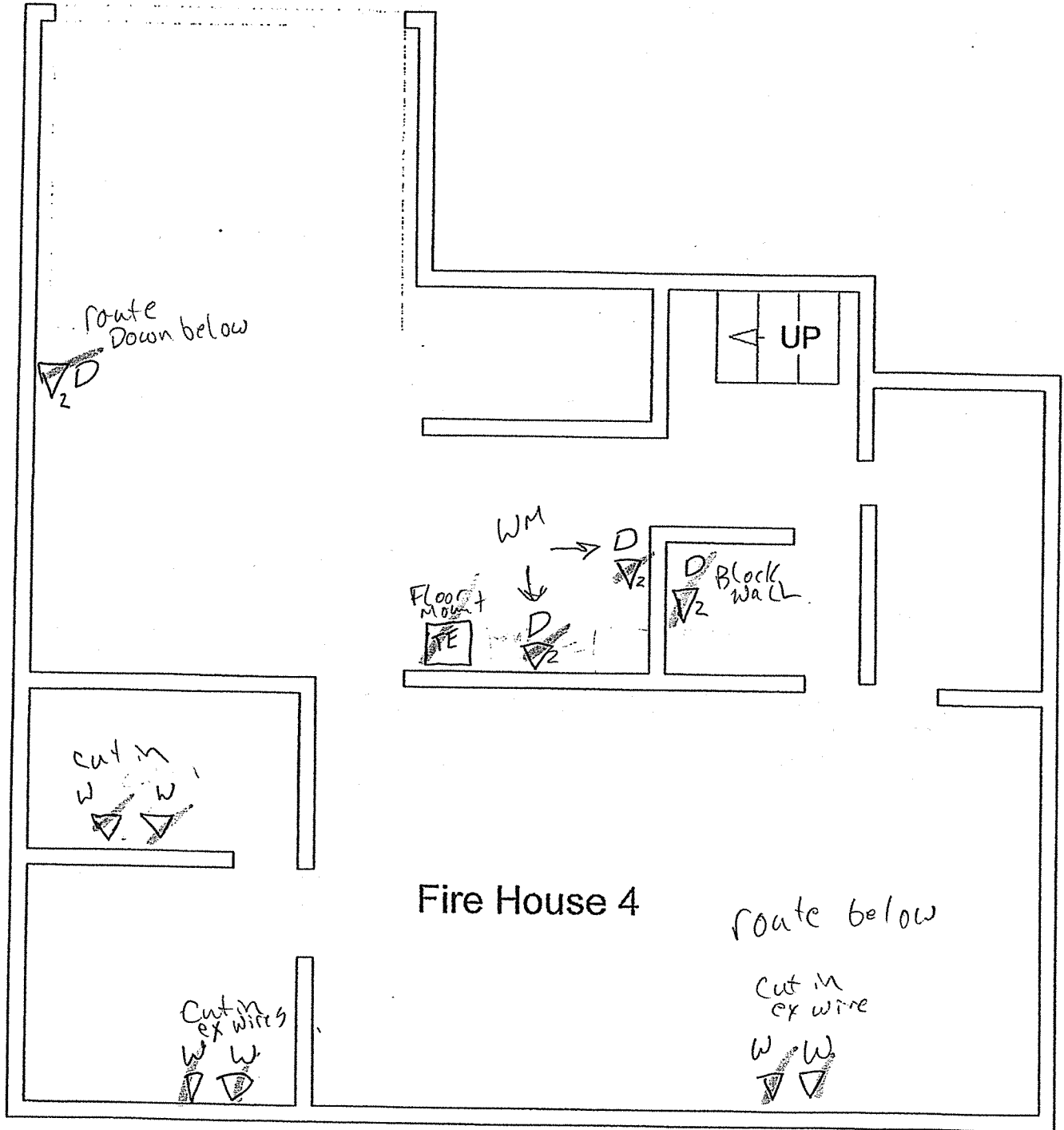
PRODUCT CATEGORIES

Horizontal and Backbone Optical Fiber and Copper Cables (Category 5e, 6) and Backbone Multi-Pair Copper Cables
Berk-Tek Belden CommScope Mohawk/CDT Superior Essex
Horizontal Copper Cables (Category 6a)
Berk-Tek Superior Essex
Fiber Connectors
Ortronics®
Pre-Terminated Copper Cables
Ortronics Clarity SNAP cable assemblies Ortronics copper patch cords
Pre-Terminated Fiber Cables*
Ortronics Fiber Trunk cables Ortronics MTP Fiber Harnesses Ortronics fiber patch cords

*Ortronics patch cords are REQUIRED for nCompass and Applications Assurance Warranties

**NO OTHER manufacturers' products are covered without written consent from Legrand. For nCompass product requirements, please visit www.nCompass-systems.com.

W - wall
 D - dual
 S - single



Fire House 4

1st - Floor

- ~~2 - phones on lower level~~
- ~~- move TR on lower level~~
- ~~Red & Black Lines~~
- ~~1 new patch panel~~
- ~~1 horizontal rafter~~

- D - not shown near desk K
- D - in bathroom
- D - in bathroom

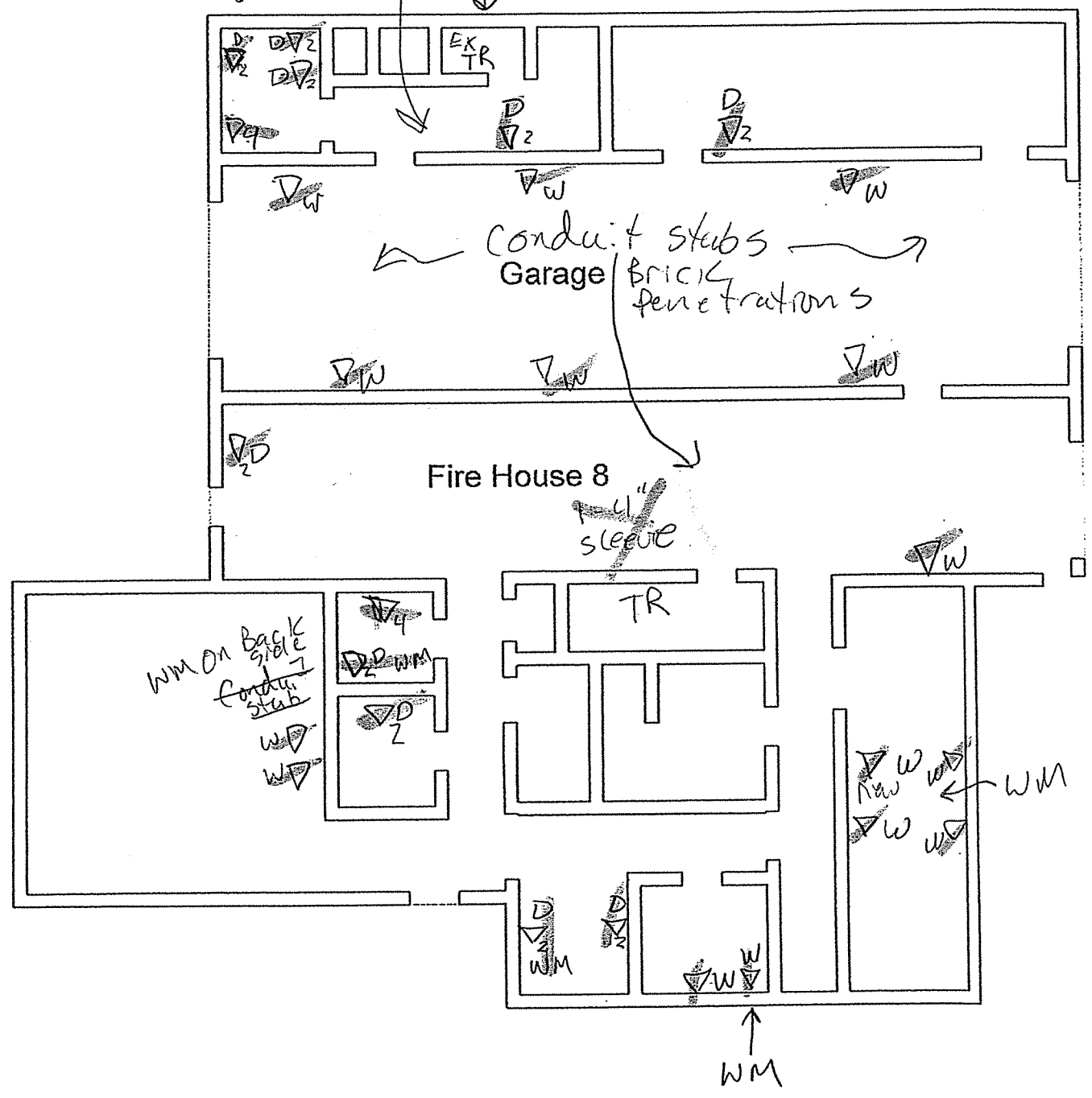
160' AVG

All existing locations unless noted

Lift rental

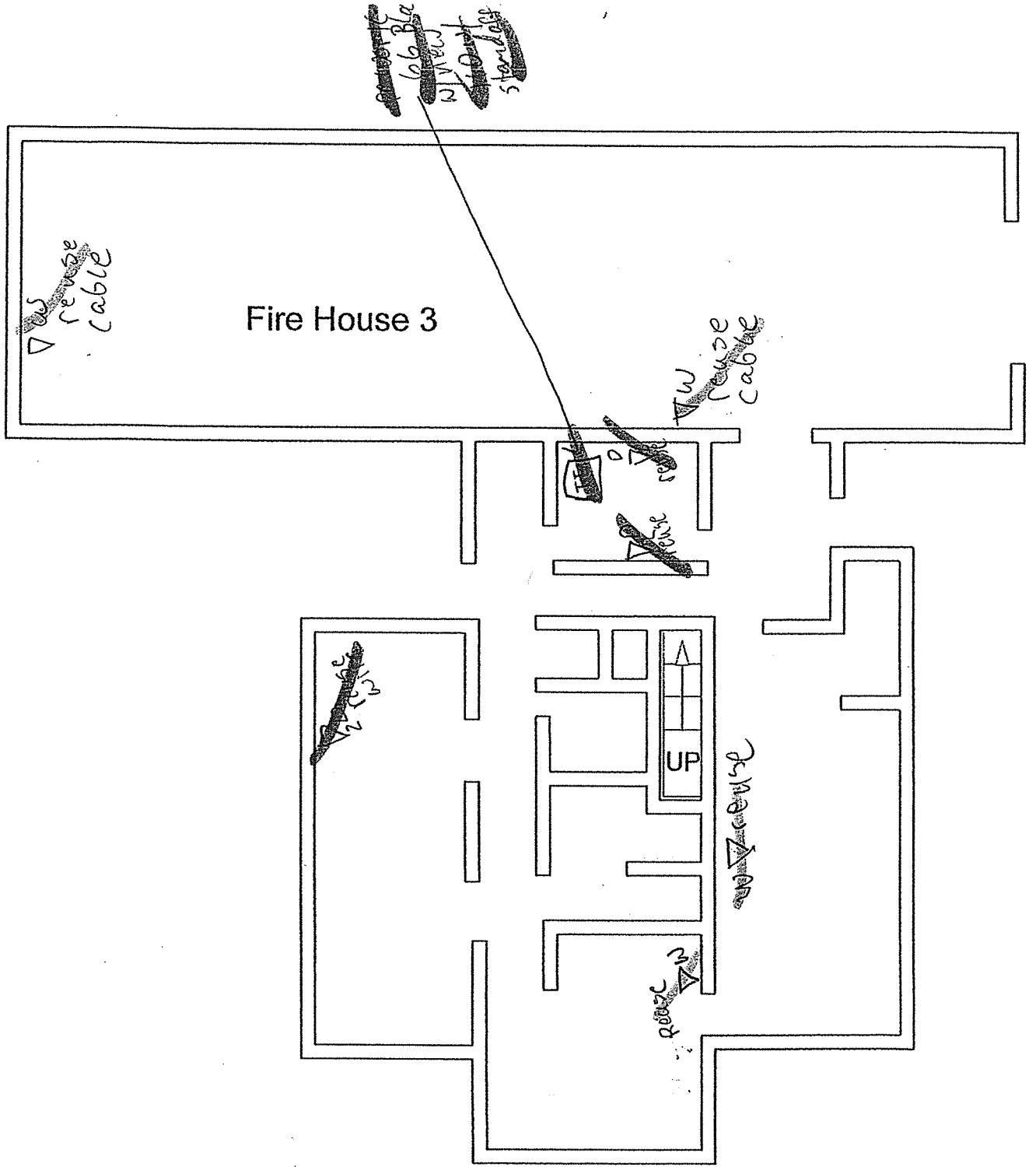
250' TO TR
↓

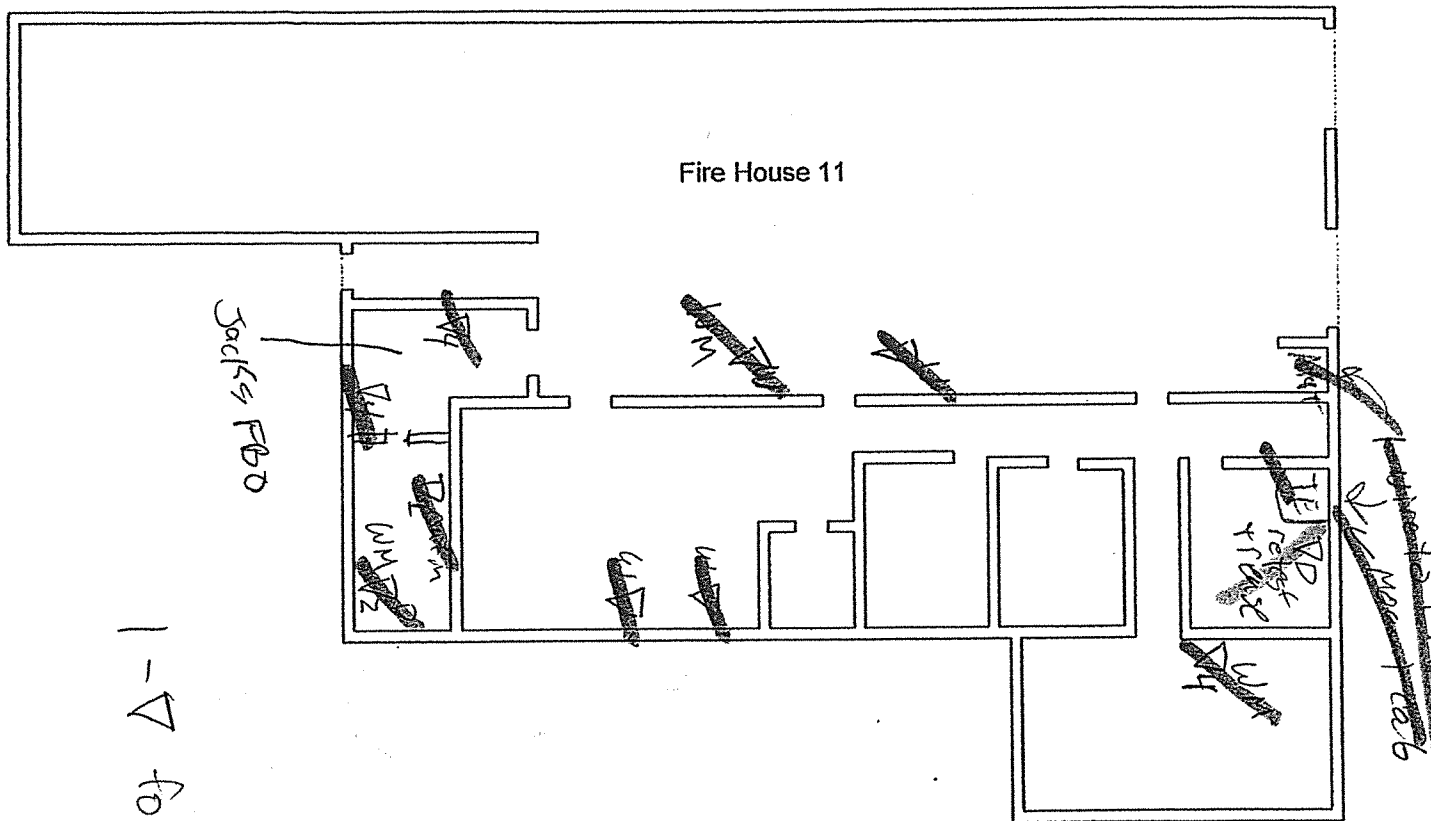
Demolish
Eliminate
↓



- patch panels
- Wire Management
-

~~1- JW in basement~~
 figure source
~~1- V₁ @ radio cab~~
 1- L-5+?





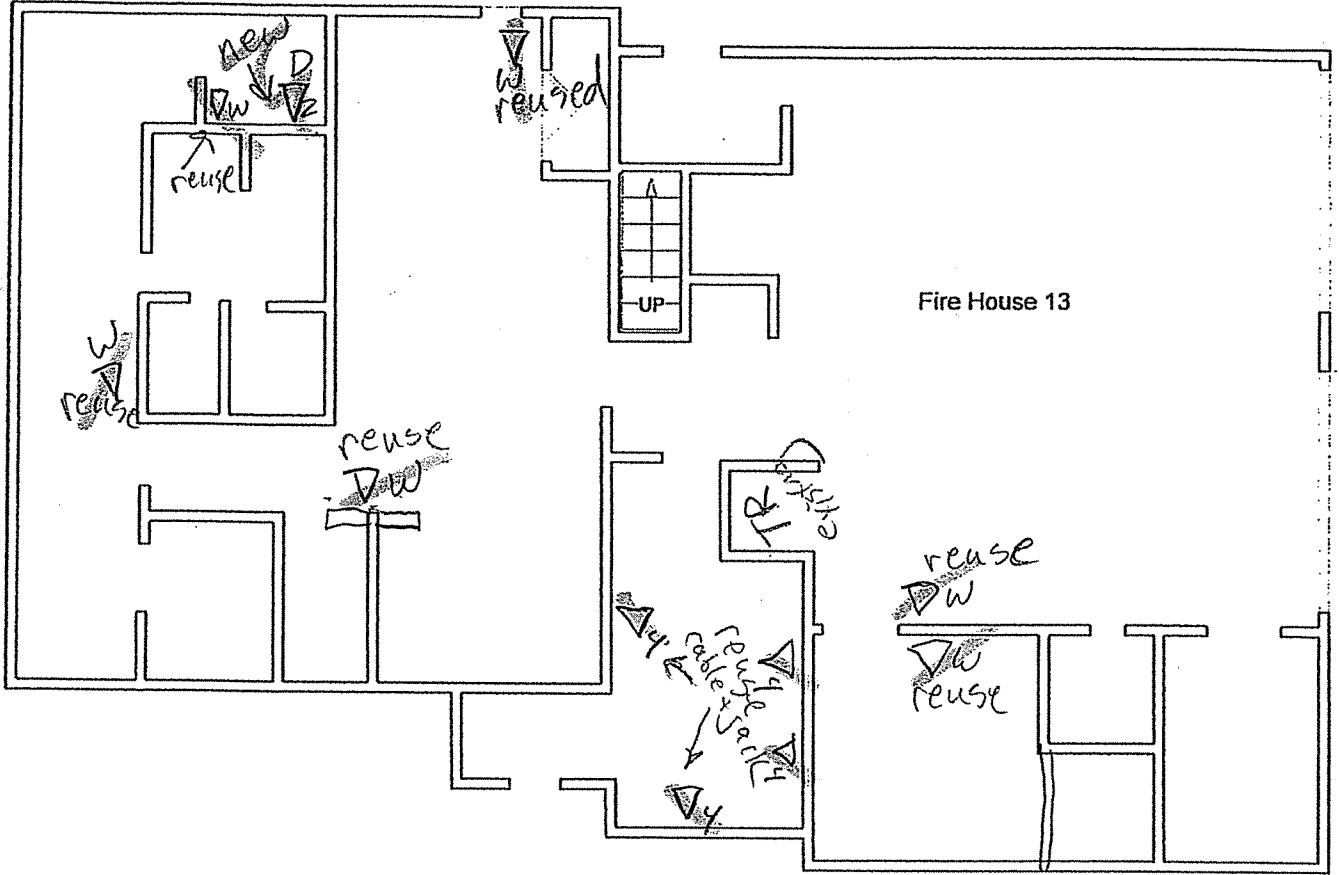
1-Δ for Radio

~~approx. 90' approx.~~

1-new patch panel

- Inter-Pacific
- Midco

~~W.M. BOY CUT IN CAB~~



Fire House 13

Rework existing TR

~~REMOVE all cables to new electronics TRO standard~~

~~18 existing cables~~

~~24 port patch w/ wall bracket~~

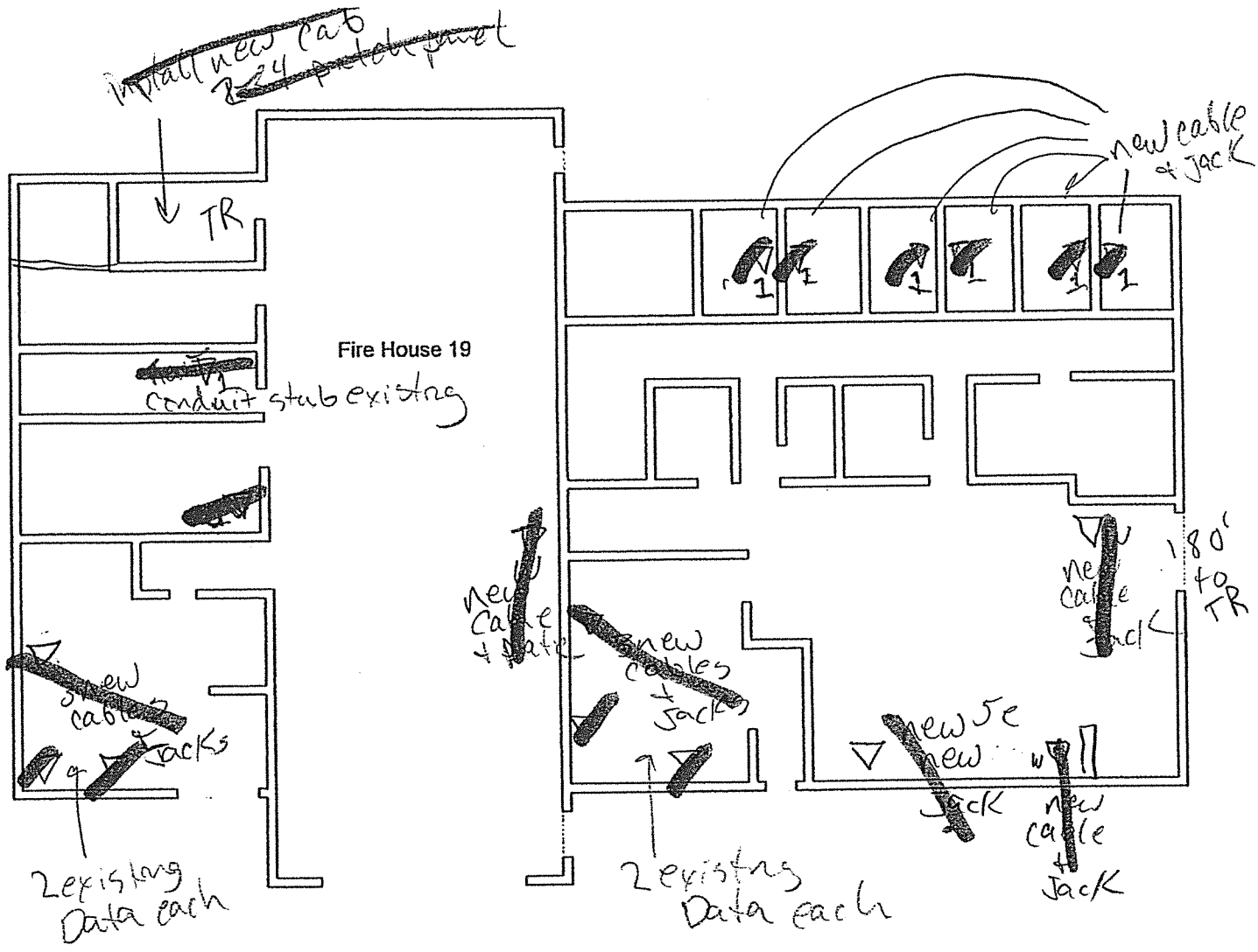
~~patch~~

~~Keep watch room up tower phones~~

~~Wire management - Drums~~

~~use all existing cable~~

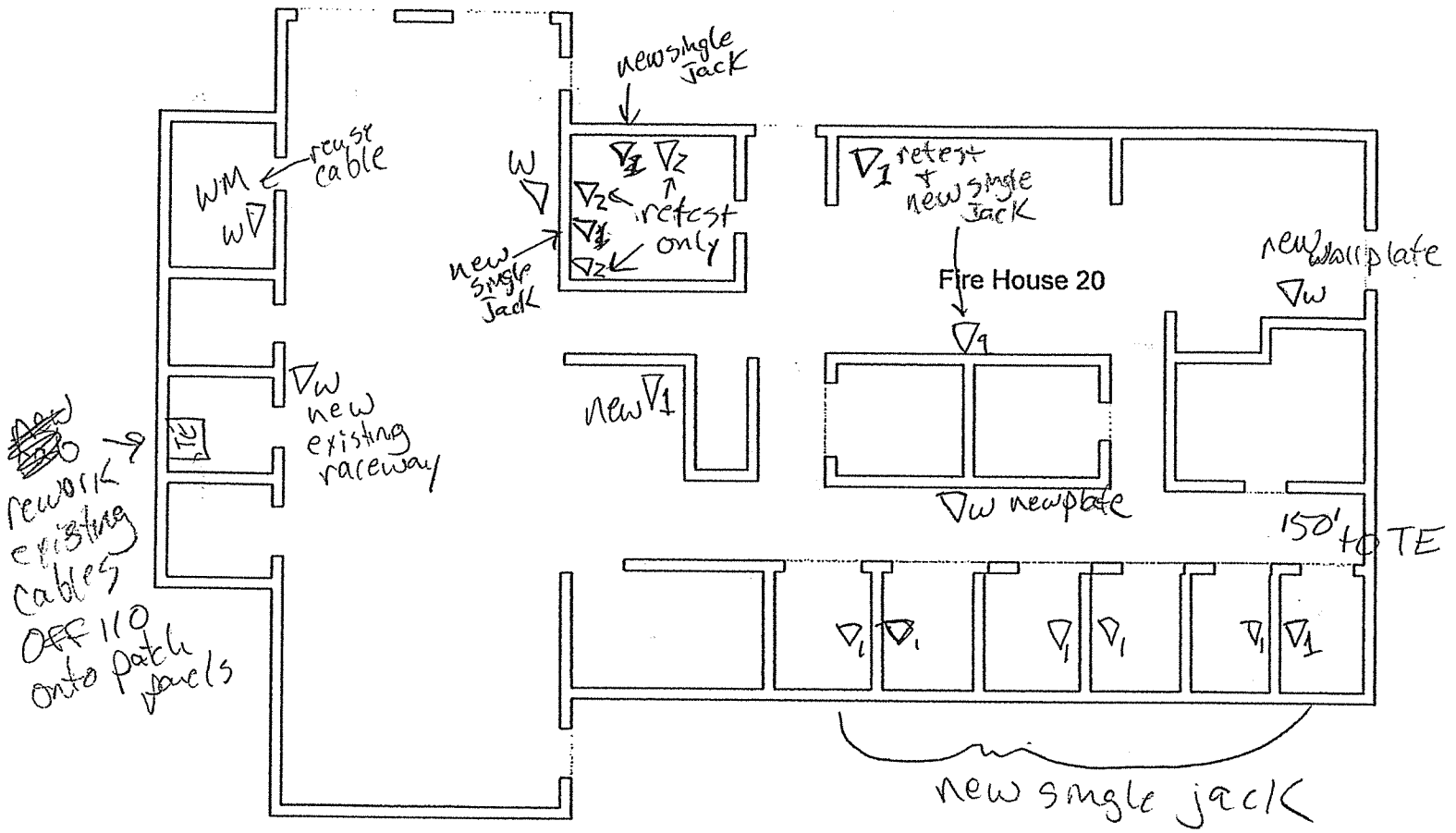
~~1 D for radio~~



~~Retest existing only~~

~~1 - Δ for radio~~

Reuse all cable
Lift rental



WV2 patch patch panels
- reuse patch panel



M/WBE PARTICIPATION WAIVER REQUEST

PRIME CONTRACTOR

Name: K Com Technologies
Address: 6301 SW Washington
Phone: 309-697-5650
Contact Person: Ryan Keener

PROJECT

Name: #21-14
Cat 5E Data/Voice Cabling

We hereby request to waive all of the MBE and WBE participation goals on the above named project and subcontract with non-M/WBEs or self-perform all work for the following reason(s). The firm further affirms that the stated reasons and documents provided are true and correct and not misleading: (CHECK ALL THAT APPLY. SPECIFIC SUPPORTING DOCUMENTATION MUST BE SUBMITTED WHERE INDICATED.)

- 1. No MBEs/WBEs responded to our invitation to bid.
2. No subcontracting opportunities exist. (Attach explanation)
3. The award of subcontract(s) is impracticable. (Attach explanation)

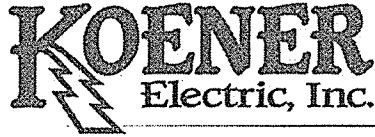
SIGNED: Justin Jewell (Company Official)

DATE: 8/21/14

FOR OFFICE USE ONLY

APPROVED DISAPPROVED

REVIEWED BY DATE



6301 SW WASHINGTON
BARTONVILLE, IL 61607



P: 309.697.5550
F: 309.697.5366
www.koener.com

City of Peoria
419 Fulton Street
Peoria, IL 61603

Re: #21-14

Furnish and Install Cat 5E Data and Voice Cabling for the City of Peoria

Koener Electric/K Com Technologies has executed a M/WBE Participation Waiver Request. This bid requires work by certified technicians and a specific license. All work will be done in-house. Whenever possible, EEO workforce will be utilized on-site.

