#### REQUEST FOR PROPOSALS

# RFP 0408-2021 NETWORK CABLING AT CONROE CENTRAL WASTEWATER TREATMENT PLANT



CITY OF CONROE P.O. BOX 3066 CONROE, TEXAS 77305

RESPONSES DUE APRIL 08, 2021 @ 2:00 PM

CITY OF CONROE PURCHASING DEPARTMENT

#### **NOTICE FOR REQUEST FOR PROPOSALS**

The City of Conroe will receive Sealed Proposals for cabling at the Conroe Central Wastewater Treatment Plant, located in Montgomery County, Texas. The RFPs shall be appropriately marked "RFP # 0408-2021 Network Cabling at the Conroe Central Wastewater Treatment Plant" and delivered to the City Secretary 300 West Davis, 3<sup>rd</sup> Floor, Conroe, Texas 77301.

Bids are due on **THURSDAY**, **April 08**, **2021** at **2:00 p.m.** at which time they will be publicly opened and names of proposers aloud in the 1st floor Council Chambers, 300 West Davis St. Conroe Texas. Bids received after the specified time and date will be returned unopened.

RFP's must be accompanied by a certified check upon some responsible bank of the State of Texas or a bid bond from a Surety Company holding a permit in the State of Texas in the amount of 10% of the bid. The amount of said check or bond will be forfeited to the Owner and the bank or surety shall be liable to the Owner for the amount in the event the successful proposer shall fail or refuse to enter into a contract or furnish bonds as hereafter required.

The successful proposer must furnish a performance bond and a payment bond on the forms provided, each in the amount of 100% of the contract price from a Surety Company holding a permit in the State of Texas and approved by the Federal Government.

Specifications and RFP documents may be reviewed and downloaded online at Vendor Registry. Visit <a href="www.cityofconroe.org">www.cityofconroe.org</a>, Purchasing for a link to bids on Vendor Registry. Questions concerning this bid shall also be submitted on Vendor Registry.

No RFP may in any way qualify, modify, substitute or change any part of the specifications or contract documents.

The City of Conroe may enter into a contract with the offeror meeting all the qualifications and specifications that submits the RFP that offers the best value to the City considering the selection criteria and weighted value set forth in the request for proposals and the ranking evaluation of the proposals received. The City reserves the right to reject any and all RFPs, award parts of bids and to waive informalities in submission of RFPs.

CC: 3/23/21 & 3/30/21

CITY OF CONROE, TEXAS

#### **CITY OF CONROE**

#### 1. Preparation of RFPs:

Submit RFPs in quadruple <u>(one original, three manual copies and one digital copy)</u> on the prescribed forms or copies thereof, along with Bid bond if required, in a sealed envelope marked "RFP # 0408-2021 Network Cabling at the Conroe Central Wastewater <u>Treatment Plant</u>". Prepare RFPs in accordance with the requirements of the Notice to Bidders, and any instructions in the Proposal.

#### 2. Owner:

The City reserves the right to award parts of RFPs, reject any or all RFPs and to waive technical irregularities. Contract award will be made on the basis of the lowest qualified responsible respondent or the respondent who provides the goods and services at the best value for the City, considering the selection criteria below.

#### Best Value Selection Criteria:

a)	The Proposed Price/Cost.	30 Pts.
b)	The Quality of the bidders Goods or Services	30 Pts.
c)	The Reputation and Past Relationship with the City.	25 Pts.
d)	Time for Completion or Project Scheduling	15 Pts.

#### 3. **Questions and Inquires:**

<u>ALL</u> questions regarding specifications must be asked through Vendor Registry. Answers will be posted on Vendor Registry.

#### 4. Submission of RFPs:

One (1) original three copies and one digital copy of each proposal shall be submitted to the address below by the time and date set forth. Responses received later than the due date will not be accepted, and returned unopened. Names of Respondents will be read aloud at 2:00 PM in the 1st Floor Council Chambers, 300 West Davis Conroe Texas 77301.

Due Date: April 08, 2021 2:00 PM

Mail: City of Conroe Physical: City of Conroe

Soco Gorjon, City Secretary Soco Gorjon, City Secretary

P.O. Box 3066 300 W. Davis Conroe, TX. 77305 Conroe, TX. 77301

#### 5. Respondents:

Should a respondent discover a discrepancy or an omission in the RFP documents, they should at once notify the Purchasing Department so that an addendum can be issued. No explanation or interpretation other than an addendum issued by the City will be considered official or binding. Each interpretation made will be distributed to all parties holding contract documents no less than two (2) days prior to RFP opening. It is, however, the proposer's responsibility to make inquiry as to any addendum issued. All such addendums shall become part of the Contract Documents and all respondents shall be bound by such addenda, whether or not received by the respondents.

#### 6. RFP Evaluation and Award:

As required under Government Code 252.042, the Owner upon appropriate evaluation of all qualificatied candidates will rank up to three Candidates based on the criteria established below to determine the most qualified firm. After review of the proposals and prior to the final ranking, the committee may conduct interviews with the shortlisted firm(s). The committee will verify references and past work history for specific firms. The committee's decision will be submitted to the City Council for consideration.

#### 7. Interviews

After written proposals are received and initially evaluated, the Owner may require one or more of the Candidates to provide an oral presentation as a supplement to their statements. Any Candidate required to interview should be prepared to discuss and substantiate any area of their proposal. The Owner is under no obligation to grant interviews to any Candidate receiving a copy of this RFP and/or submitting a written proposal in response to this RFP.

#### 8. References:

The City of Conroe may request respondents to supply, with this Invitation to RFP, a list of at least eight (8) references where like services have been supplied by their firm. Include name of firm, contact person, address, telephone and fax number.

#### 9. Delivery of Proposals:

It is the proposer's responsibility to deliver his proposal at the proper time to the proper place. The fact that a proposal was dispatched will not be considered. The proposer must have the proposal actually delivered before the time set and the start of opening of the RFPs. Any RFPs received after the time and date specified in the Notice to Bidders will be returned unopened.

#### 10. Materials and Services:

The proposer warrants that goods, materials or services delivered to the City will meet the minimum specifications set forth herein. The proposer shall furnish all data pertinent to specifications and warranties, which apply to items in the RFP.

#### 11. Price of Materials and Sales Tax:

Prices for all goods or services shall remain firm for the duration of this contract and shall be stated on the pricing sheet. Prices shall be all inclusive. Any price not shown on the RFP sheet will not be honored by invoice. No price changes, additions or subsequent qualifications will be honored during the course of this contract. All prices must be written in ink or typewritten. If there are additional charges of any kind, other than those mentioned above, specified or unspecified, proposer must indicate both items required and attendant cost or forfeit the right to payment. This Contract is issued by an organization, which qualifies for exemption pursuant to the provisions of Article 20.04 (F) of the Texas Limited Sales, Excise and Use Tax Act.

#### 12. <u>Indemnification:</u>

The Proposer shall, defend, indemnify, and hold harmless the City of Conroe, their officers, and agents from and against any and all claims, demands, causes of action, orders, decrees, or judgments for injury, death, damage to person or property, loss, damage, or liability of any kind (including without limitation liability under any federal, state, or local environmental law,

Terms and Conditions/ Instructions

Compensation and Liability Act; fees and costs (including all costs or settlements and reasonable attorney's fees incurred in defending any claim, demand, or cause of action) occasioned by, growing out of, or arising from (a) the performance of any product or service to be supplied by the Proposer, or (b) by any act, error or omission on the part of the Proposer, its agents, employees, or subcontractors, and or (c) any failure to fully comply with all applicable laws and regulations by the Proposer, its agents, employees, or subcontractors.

#### 13. Insurance Requirements:

The proposer shall procure and maintain, at its expense, during the term of this RFP, at least the following insurance, covering work performed.

COVERAGE LIMITS

A. Worker's Compensation

B. Employer's Liability

C. Public Liability (Bodily injury)

D. Public Liability (Property damage)

- As required by Texas Law

- \$500,000 each occurrence

- \$1,000,000 combined single limit

- \$1,000,000 combined single limit

E. Automobile Liability (Bodily injury)
- \$ 200,000 each person
F. Automobile Liability (Property damage)
- \$ 50,000 each occurrence

The Proposer agrees to furnish insurance certificates, showing the respondents compliance with this section if required by the City.

#### 14. Bonding:

Each bid must be accompanied by a bid bond or other acceptable security in an amount equal to ten percent (10%) of the base offer amount. The bond may consist of a surety bid bond executed by a surety licensed to do business in the State of Texas, or a certified check or cashier's check in the required amount drawn on a bank doing business in the State of Texas and made payable to the City of Conroe, Texas.

The bid / bid bond of the successful proposer shall be returned upon issuance of a notice to proceed to the proposer. The bonds of unsuccessful proposer's shall be returned upon the earlier of (1) the issuance of a notice to proceed to the successful proposer, or (2) the expiration of thirty (30) days following the bid opening.

As a condition for award of contract, a Performance Bond, and a Payment Bond, each in an amount not less than 100% of the contract sum, conditioned upon the faithful performance of the Contract, will be required of the Contractor. Bonding companies must be acceptable to the Owner. The amount of each bond shall be adjusted by the amount of any change order.

#### 15. Conditions of Work:

Respondents are expected to be fully informed of construction and labor conditions under which the work will be performed, and to have thoroughly reviewed the plans, contract documents and specifications. Failure to do so will not relieve a successful proposer of any obligations to furnish material and labor necessary to complete the project.

#### **16.** Conditions of Conduct:

At all times any agent, officer, or employee of Proposer shall be present upon property owned by the City of Conroe, the terms and conditions of the Drug and Alcohol Policy currently adopted by the City of Conroe, shall be deemed applicable to such persons. Violations of terms and conditions while present on the premises owned by the City of Conroe shall be grounds for termination of any contract between the City and Proposer. A copy of this policy is available for public inspection in the office of the City Secretary and copies may be obtained at a nominal charge.

#### 17. Ethical Standard:

No City official or employee shall have interest in any contract resulting from this bid. Individuals with a possible conflict will enact a public disclosure record by completing a "Statement of Financial Interest" form.

Refer to "Project Number and Title" on the 1295 form. Example forms are included with this Bid.

- 1295 certificate of Interested Parties
- Conflict of Interest Questionnaire
- HB 89 Verification Form
- SB 252 Verification Form

The four forms stated above MUST be returned as part of your Bid response. Failure to include these forms may result in your Bid being considered unresponsive and therefor disqualified. Sample copies of these forms are included in the Bid. The web address to the Texas Ethics Commission website with instructions is listed below:

(Sample Forms are attached)

(https://www.ethics.state.tx.us/whatsnew/elf\_info\_form1295.htm)

#### 18. RFPs:

All RFPs must be consistent in every respect and no special conditions may be made or included by the proposer.

If a contract is awarded, it will be awarded to the most responsible proposer having previous experience, meeting all the qualifications and specifications for this type of work and on the bases of the arrangement of selected RFP items that offer the best value to the City of Conroe.

#### 19. <u>Unit Prices if Applicable:</u>

The unit price of each of the items in the RFP proposal shall include it pro-rata share of overhead so that the sum of the products obtained by multiplying the quantity shown for each item by the unit price proposed represents the total RFP. Any RFP not conforming to the condition may be rejected. The unit prices will be used to determine the amount of any change orders resulting from an increase or decrease in quantities, if such applies.

#### 20. Corrections:

Erasures or other corrections in the RFP must be noted over the signature of the proposer.

#### 21. Withdrawal of RFPs:

RFPs may be withdrawn by written request dispatched for delivery in the normal course of business prior the RFP opening. The RFP guaranty of any proposer withdrawing his RFP in accordance with the above will be returned promptly.

#### 22. Award of Contract / Rejection of RFPs:

The City reserves the right to consider any proposer as unqualified to do the work or service, who does not habitually perform with his own forces, the major portions of the work specified and embraced in this contract.

#### 23. Equal Employment Opportunity:

Attention is called to the requirements for ensuring that employees and applicants for employment are not discriminated against because of their age, race, color, creed, sex or national origin.

#### 24. Payment:

The City of Conroe is exempt from state sales tax and federal excise tax. These taxes shall not be included in the submitted pricing. The City will provide tax exemption certificate upon request.

Payment will be scheduled within thirty (30) days upon complete delivery and acceptance of all services and receipt of an original invoice complying with the terms and conditions of the award.

Invoices must be submitted by the vendor to the City of Conroe Purchasing Dept., P.O. Box 3066, Conroe Texas 77305 or by email at acctpay@cityofconroe.org. If invoices are subject to cash discount, discount period will be taken from the date of completion of order or date of receipt of invoice, whichever occurs last regardless of whether or not correct discount terms appear on invoice.

#### 25. Default:

The City reserves the right to terminate this contract with 30 days written notice for any reason if found to be in the best interest of the City of Conroe.

#### 26. Term of Contract

This contract will begin after award and will continue and continue until project is complete.

#### RESPONSE FORMAT

The items listed below shall be submitted with each proposal and should be submitted in the order shown. Each section should be clearly labeled, with pages numbered and separated by tabs. Failure by a Proposer to include all listed items may result in their proposal being rejected.

#### ❖ Tab I – Cover Letter

Provide a cover letter indicating your firm's understanding of the requirements relating to this proposal. The letter must be brief and formal from the proposer that provides information regarding the firm's interest in and ability to perform the requirements of this RFP. A person who is authorized by the organization to enter into an agreement with the City of Conroe will sign the letter.

Please include all contact information.

#### **❖** Tab 2 – Acceptance of Conditions (Your proposal)

Include all required forms including insurance, bonds (letter from Surety Company stating your company is bondable and original bond is due at time of contract award), conflict of interest form, Certificate of Interested Parties Form, HB 89 and SB 252 Forms and all required back up information requested.

Include pricing for project.

Indicate any exceptions to the specifications, terms and conditions of this RFP, including the Scope of Services.

#### **❖** Tab 3 – Company Background

- 1. Years in business under present name.
- 2. Name and address of each office location.
- 3. Ownership structure (Corporation / Partnership).
- 4. Names and titles of officers in the company.
- 5. Company trade organizations / associations / affiliations

#### ❖ Tab 4 – Qualifications

- 1. Describe firm qualifications, experience and project understanding.
- 2. Provide resumes for key personnel that will be assigned to this project.
- 3. Demonstrate the firm's qualifications and experience in providing cabling services to similar entities.

#### ❖ Tab 5 – Project Manager

1. Identify the Project Manager, including experience and qualifications related to this project.

#### ❖ Tab 6 – References

1. Provide references of similar projects for which your company has, in whole, provided services. (8 references)

#### Tab 7 – List of Ongoing and Completed Projects

- 1. Provide a list of similar projects in which your company is currently involved, or has been involved.
- 2. Please list project description and status.

#### **❖** Tab 8 – Customer Support

- 1. Describe the firm's physical availability to the City of Conroe in terms of communication, meetings and fieldwork.
- 2. How will distance from the project site and the City of Conroe affect the response time to critical matters pertaining to the project?

Any <u>purchasing related</u> questions may be directed to Kristina Colville at <u>kcolville@cityofconroe.org</u>. or 936-522-3830.

All **Specification questions** MUST be asked on Vendor Registry.

#### **Agreement and Certification:**

#### The Undersigned Agrees That:

- A. No Federal, State, County or Municipal taxes have been included in the quoted prices and none will be added.
- B. Prices in this proposal have not knowingly been disclosed with any other provider and will not be prior to award.
- C. Prices in this proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- D. No attempt has been made nor will be to induce any other person or firm to submit a proposal for the purpose of restricting competition.

Terms and Conditions/ Instructions

E. The individual signing this proposal certifies that he/she is a legal agent of the proposer, authorized to represent the proposer and is legally responsible for the offer with regard to supporting documentation and prices provided.

#### SIGNATURE SHEET

My signature also certifies that the accompanying proposal is not the result of, or affected by, any unlawful act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud punishable by Texas Law.

My signature also certifies that this firm has no business or personal relationships with any other companies or persons that could be considered as a conflict of interest or potential conflict of interest to the City of Conroe (House Bill 914), and that there are no principals, officers, agents, employees, or representatives of this firm that have any business or personal relationships with any other companies or persons that could be considered as a conflict of interest or a potential conflict of interest pertaining to any and all work or services to be performed as a result of this request and any resulting contract with the City of Conroe.

I hereby certify that I am	authorized to sigr	n as a Representative	for the Firm:	
Complete Legal Name	of Firm:			
Order From Address:				
Remit To Address:				
				_
Fed ID No.:				_
Signature:				_
Name (type/print):				
Title:				
Telephone: ()				
Date:	Minority:	Women Ow	ned:	

To receive consideration for award, this signature sheet must be returned WITH RESPONSE.

#### Network Cabling bid for Conroe Central Wastewater Treatment Plant

3/17/2021

The City of Conroe is in the process of constructing a new Conroe Central Wastewater Treatment Plant and is soliciting bids for the installation of Cat6 cabling, 4 post rack, cable management, patch cables, patch panels for CAT6 and fiber, facility fiber and a wall mounted locking box (where notated). Bids will need to be completed from the attached drawings. Drop location are identified for each building in the attached drawings. Facility fiber conduits and lengths are provided in the attached drawing. The City will provide dark fiber into the Administration building. Estimated installation date is will be shortly after bid award but subject to construction timelines.

#### The facility address:

1890 Ed Kharbat Dr., Conroe TX 77301

Any questions can be sent to <u>Vendor Registry</u> no later than 1pm on 4/5/21. Responses will be added as an addendum on Vendor Registry.

#### **Facility Information:**

#### **Administration Building**

- Building is 4,000 feet with 1 MDF location labeled 'IT'.
- Vendor will provide a rack, cable management, etc as outlined in section 8 of the attached document labeled 'Network Cabling Post Design or Remodel Standards'.
- Vendor is responsible for drop count. Each drop must have 2 CAT6 cables unless otherwise noted.
- Data ports with heights of 60" and 84" require 1 CAT6 and 1 RG6 cable at each location.
- Do not included card reader drops (identified with a 'CR') which are installed by the Security vendor.
- Ceiling mounted drops should have a 5-foot service loop.
- Cable, patch cables, panels, fiber etc. details are outlined in the attached document labeled 'Network Cabling Post Design or Remodel Standards'.
- Attached documents:
  - 'Admin Bldg Final' drawing details of data drops with height and location.

#### **Maintenance Building**

- Vendor will provide locking wall mount rack as outlined in section 8 of the attached document labeled 'Network Cabling Post Design or Remodel Standards'.
- Vendor is responsible for drop count. Each drop must have 2 CAT6 cables unless otherwise noted.
- Do not included card reader drops (identified with a 'CR') which are installed by the Security vendor.
- Ceiling mounted drops should have a 5-foot service loop.
- Vendor will supply 8 or more copper to multimode fiber converters. All copper to fiber converts are required to be rack mounted.
- Cable, patch cables, panels, fiber etc. details are outlined in the attached document labeled 'Network Cabling Post Design or Remodel Standards'.
- Attached documents:
  - o 'Maint Bldg Final' drawing details of data drops with height and location.

#### **Facility Fiber**

- Fiber details are outlined in section 2 of the attached document labeled 'Network Cabling Post Design or Remodel Standards' and the 'Facility Fiber CCWWTP Final' drawing.
- Vendor will supply 2 12-strand multi-mode OM3 fiber runs with LC connectors for facility according the drawing labeled 'Facility Fiber CCWWTP final' and terminate at both ends.

- Fiber panels should be mounted in the racks provided by the vendor in both buildings.
- Vendor should supply fiber optic patch cables of 10' each.
- Attached documents:
  - 'Facility Fiber CCWWTP final' drawing shows layout of building with conduit pathways, fiber length and details.

#### Specifications:

The contractor is responsible for validating the exact drop count and fiber information per the attached drawings.

Installation and testing of Fiber and CAT6 cabling according to requirements outlined in the attached document labeled 'Network Cabling Post Design or Remodel Standards'.

- Required patch cables
  - MDF/IDF patch cables are outlined in section 6.3 and workstation patch cables are outlined in section
     7.2 of the attached document labeled 'Network Cabling Post Design or Remodel Standards'.
- Details for Facility Fiber
  - Facility fiber is multi-modem OM3, details are outlined in section 2 of the attached document labeled 'Network Cabling Post Design or Remodel Standards'.
- Details for Admin Building
  - o Data ports with heights of 60" and 84" will require 1 CAT6 and 1 RG6 cable at each location.
  - o Approximate drop count is forty-six (46) and six (6) RG6 cables. Vendor should verify count.
- Details for Maintenance Building
  - o Approximate drop count is six (6). Vendor should verify count.

All installation should be performed according to the City of Conroe cabling standards below. Any deviation should be approved by the City of Conroe IT department in advance.

#### **City IT Department Responsibilities**

- Provide design support during the engineering and plan development phase.
- Perform cabling contractor oversight.
- Lay out the configuration of the networking equipment in the Network Closets (working with the business customer and contractor at the appropriate time in the construction phase).
- Install purchased or relocated City telephone, network, or related equipment in equipment racks in the Network Closet (s). [Note: In many instances, specialized equipment such as audio visual or access control related equipment will include vendor installation of equipment in racks. In this instance, IT Department personnel will coordinate with the vendor for equipment placement and connection]
- Install cabling from modular patch panels to equipment in equipment racks in the Network Closet.

#### Selection Criteria

(1) The proposed price/cost	30 Points
(2) The quality of the Bidder's goods or services	30 Points
(3) The reputation/past relationship with the City of Conroe	25 Points
(4) Time for completion or Project scheduling	15 Points

Total 100 Points

City of Conroe, Texas

# Network Cabling Post Design or Remodel Specifications

Version	Title/Modifications	Date Modified	Created/Changed by:	Approved by:
1.0	Document creation	2/6/2020	Pam Cobb	
2.0	Added specs for 4 post rack	5/26/20	Pam Cobb	
2.1	Shortened	1/20/2021	Samuel Barlass	

#### **NETWORK CABLING INSTALLATION SPECIFICATIONS**

This section contains the requirements for the installation of network cabling system for The City of Conroe. For The City of Conroe, the successful certified cabling system contractor, hereinafter referred to as the contractor, shall provide materials and labor to install a complete, functional and warranted end-to-end communications system in accordance with this specification. The contractor shall be responsible for providing a complete, functional system including all necessary components, whether included in this specification or not. The system shall consist of copper cabling, fiber, connectors and interconnect/patching equipment, wiring blocks, cable management devices, communications outlets, distribution taps, inner-duct, equipment racks/cabinets, and any other materials, equipment or labor necessary to meet the requirements within this document. The contractor shall provide all testing and documentation (written and electronic) upon completion of the installation, as stated herein prior to system acceptance. The contractor may suggest alternate routing of any conduit, cable or cable management devices with final approval from the City's IT department.

#### 1. STANDARDS

- 1.1. Contractor shall install and test network cabling networks per manufacturer's requirements and in accordance with NFPA-70 (*National Electrical Code*®), state codes, local codes, requirements of authorities having jurisdiction, and particularly the following standards:
  - 1.1.1.ANSI/NECA/BICSI-568-2006 -- Standard for Installing Commercial Building Telecommunications Cabling
  - 1.1.2.ANSI/TIA/EIA-568-B.1 -- Commercial Building Telecommunications Cabling Standard, Part 1: General Requirements
  - 1.1.3.ANSI/TIA/EIA-568-B.2 -- Commercial Building Telecommunications Cabling Standard, Part 2: Balanced Twisted Pair Cabling Components
  - 1.1.4.ANSI/TIA/EIA-568-B.3 -- Optical Fiber Cabling Components Standard
- 1.2. Federal, state, and local codes, rules, regulations, and ordinances governing the work, are as fully part of the specifications as if herein repeated or hereto attached. The contractor shall install materials and equipment in accordance with applicable standards, codes, requirements, and recommendations of national, state, and local authorities having jurisdiction, and *National Electrical Code®* (NEC) and with manufacturer's printed instructions.
- 1.3. If the contractor should note items in the drawings or the specifications, construction of which would be code violations, promptly call them to the attention of the City Project Manager. Where the requirements of other sections of the specifications are more stringent than applicable codes, rules, regulations, and ordinances, the specifications shall apply.

- 1.4. The contractor shall furnish all materials and installation of all cabling, jacks, faceplates, patch panels, racks, cable suspension devices, labeling, testing equipment, fire-stopping, and any and all materials required to produce a turn-key cabling system unless specific provisioning or installation of materials is denoted I this document.
- 1.5. Any damage to the building that may exist or may occur during installation, must reported immediately to the City of Conroe. The contractor should exercise reasonable care to avoid any damage and will be responsible for prompt repair of all damage to the building by their employees during the installation.
- 1.6. Contractor shall notify the City of Conroe IT department at least one week prior to completion of work when ready for inspection by the City.
- 1.7. Warranty should be no less than one year.

#### 2. NETWORK CLOSET CONNECTIVITY

- 2.1. Where high speed fiber optic connectivity is required between the adjacent or nearby Network Closets, the contractor shall supply and install OFS Loose Tube MM OM3 Fiber Optic cable or equivalent from one Network Closet (NC) to the other NC as specified. This may be required interbuilding or intrabuilding.
- 2.2. Installation of fiber optic cable shall be completed according to manufacturer installation guidelines.

#### 3. PREMISES SYSTEM DESCRIPTION

3.1. The network cabling system consists of network outlets located in work areas, cabling pathways through plenum and/or non-plenum spaces to the Network Closet (NC), and the termination therein.

#### 4. PATHWAYS AND SPACES

- 4.1. Cabling pathways should follow
- 4.2. Cabling pathways shall provide adequate physical cable support and protection, isolation/protection from sources of electromagnetic interference (EMI), physical isolation/protection from environmental elements (heat, cold, moisture), and compliance with the NFPA-70. Cables shall be supported above ceiling height with cable hangers designed to support all network cables attached to permanent structures and placed at no greater than 5-foot intervals. All managed cabling shall be secured with "hook-n-loop" style fasteners, zip ties or tie wraps are not permitted on any cable. All cabling should be strapped together with Velcro.
- 4.3. Penetrations through floor and fire-rated walls and ceilings shall utilize intermediate metallic conduit (IMC) or galvanized rigid conduit (GRC) sleeves and shall be fire-stopped after installation and testing, utilizing a fire-stopping assembly approved for that application. All firewall and floor penetrations shall be coordinated with the City's Project Manager.
- 4.4. Cable hangers are preferred over cable trays for most ceiling communications cable runs. Cable trays will be installed in NC's using overhead ladder cable trays (Placement to be coordinated with IT Department). Cable tray installation outside NC's, must be coordinated with the IT Department during the design phase. All cable trays shall be installed in accordance with National Electrical Code standards Articles 318, 250, and 800; and NEMA Standards Publication VE-2.

#### 5. CONDUIT AND OUTLET BOXES

- 5.1. Outlet boxes shall be metallic 2"x4", having "Single Gang" faceplate adapters and ¾ inch EMT conduit extended above ceiling height and equipped with fiberglass bushings to protect cables. Appropriate measures shall be taken to protect cables from sharp edges and abrasion.
- 5.2. The use of surface raceway and surface mounted outlets in work areas are not acceptable unless specifically authorized by the City's IT Department.
- 5.3. In nonstandard installations, such as when placing outlet boxes in existing walls as part of a change order, metallic drywall mounting plate brackets are permitted with specific approval by the City's Project Manager.

#### 6. CABLING

- 6.1. Installation shall adhere to manufacturer's published specifications for pulling tension, minimum bend radii, and sidewall pressure when installing cables.
  - 6.1.1. Where manufacturer does not provide bending radii information, minimum-bending radius shall be 15 times cable diameter.
- 6.2. Each work area outlet shall be equipped with two (2) Category 6 plenum rated data cables or approved equivalent from the City IT Department installed from the work area outlet to the Network Closet (NC).
- 6.3. Cable color for all structure data cabling is blue, wireless access point (WAP) cables are purple, PA system cables are gray, and camera cabling is green.
  - 6.3.1. All jacks shall be the same color as the structured cabling.
  - 6.3.2. All patch cables should match the structured cabling, except in work areas (see 7.2)
  - 6.3.3. All Network Closet patch cables should be 7ft in length.
  - 6.3.4. Patch cables should be provided for every installed structured cabling drop, as well as an additional 10% for future growth.
- 6.4. Provide 5' service loop for all cables above ceiling at work area conduit stub-up.
- 6.5. Each cable shall be labeled as specified in the Documentation section. The nomenclature for this labeling shall be coordinated with the City's IT Department.

#### 7. WORK AREA CABLE TERMINATION

- 7.1. Each work area outlet shall consist of two (2) terminated Data Category 6 plenum rated data cables. Contractor shall terminate each cable at the outlet with modular jacks installed into faceplates. All unused jack positions in faceplates shall have color-coordinated blanks installed. The color for all work area jacks is **blue**.
- 7.2. All patch cables in the work areas should be black and 10 foot in length.
- 7.3. The color/finish for faceplates shall be coordinated with the City's Project Manager.
- 7.4. Each jack position shall be labeled as specified in the Documentation section. The nomenclature for this labeling shall be coordinated with the City's IT Department. All cabling, faceplates, jacks, labeling, and associated materials shall be supplied and installed by the contractor.
- 7.5. CATV cabling shall be Quad Shield RG6. Each RG6 cable shall be terminated with an F connector. All unused jack positions in faceplates shall have color-coordinated blanks. In the NC, all cables shall be neatly bundled and terminated with F connectors for installation on wall-mounted splitter/terminator.

All coordination for new service installs of CATV for both Demark and room servicing shall be the responsibility

of the City's IT Department.

#### 8. NETWORK CLOSET RACK AND CABLE TERMINATION

- 8.1. Contractor shall provide a standard height 42U 4-post rack for each closet unless the specifications outline a specific rack. All wall mount rack must be lockable and a minimum of 22inches in depth unless specified otherwise.
- 8.2.Contractor shall terminate each Data cable in the NC on a 48 port Category 6 approved patch panels or equivalent (substitutions must be approved by the City's IT Department prior to ordering and installation) supplied by the contractor. The patch panels shall provide capacity sufficient to accommodate all installed cables plus twenty-five percent future growth. Patch panels shall be mounted and installed in an approved equipment rack.
- 8.3. Cable length and routing in the NC shall allow for a minimum of 10 feet of cable storage in the City-supplied and installed overhead cable tray system. Contractor shall coordinate routing and securing of cables in the NC with the City's IT Department. Neat, linear, and logical placement and bundling of cables is mandatory.

#### 9. GROUNDING (EARTHING) AND BONDING

- 9.1. Grounding shall conform to ANSI/TIA/EIA 607(A) Commercial Building Grounding and Bonding Requirements for Telecommunications, National Electrical Code®, ANSI/NECA/BICSI-568 and manufacturer's grounding requirements as minimum.
- 9.2. Contractor shall supply one dedicated 4/0 AWG insulated stranded copper grounding conductor from the main electrical service entrance ground to the location of Network Main Grounding Busbar (TGMB) in the NC. Contractor shall establish the TGMB location with the City's Project Manager and will supply and install the TGMB. If an additional bus bar is required #4/0 AWG will be utilized to chassis multiple bus bars. Server cabinets and communications racks shall be connected to TGMB via dedicated insulated stranded #6 AWG copper grounding conductor.

#### 10. TESTING

- 10.1. Each installed cable shall be tested for compliance with the cabling performance test procedures defined in ANSI/TIA/EIA-568-B.1.
  - 10.1.1. The field testing device shall be Level 2e.
  - 10.1.2. The field testing device shall be in good working order and calibrated according to manufacturer's recommendations.
- 10.2. A printout of the field test results shall be provided to the City's IT Department. Electronic versions of the results may be submitted if these records are in a format acceptable to the City's IT Department.

#### 11. **DOCUMENTATION**

- 11.1. Labeling shall conform to ANSI/TIA/EIA-606(A) standards. In addition, provide the following:
- 11.2. Label each outlet with permanent self-adhesive label with minimum 3/16 in. high characters.
- 11.3. Use labels on face of data patch panels. Coordinate nomenclature with City's IT Department.
- 11.4. Labels shall be machine-printed. Hand-lettered labels shall not be acceptable.

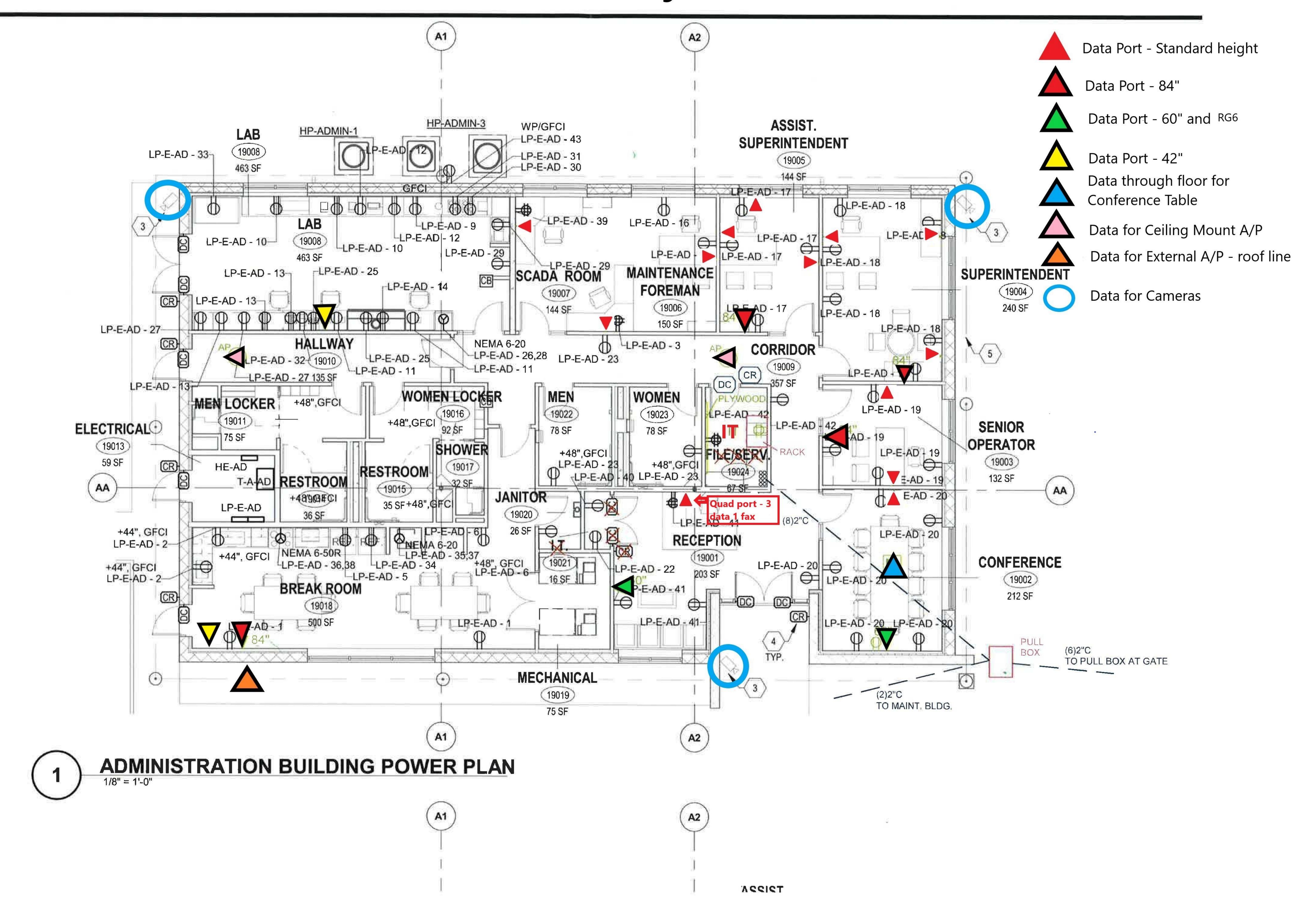
#### 12. PREMISES SYSTEM DESCRIPTION

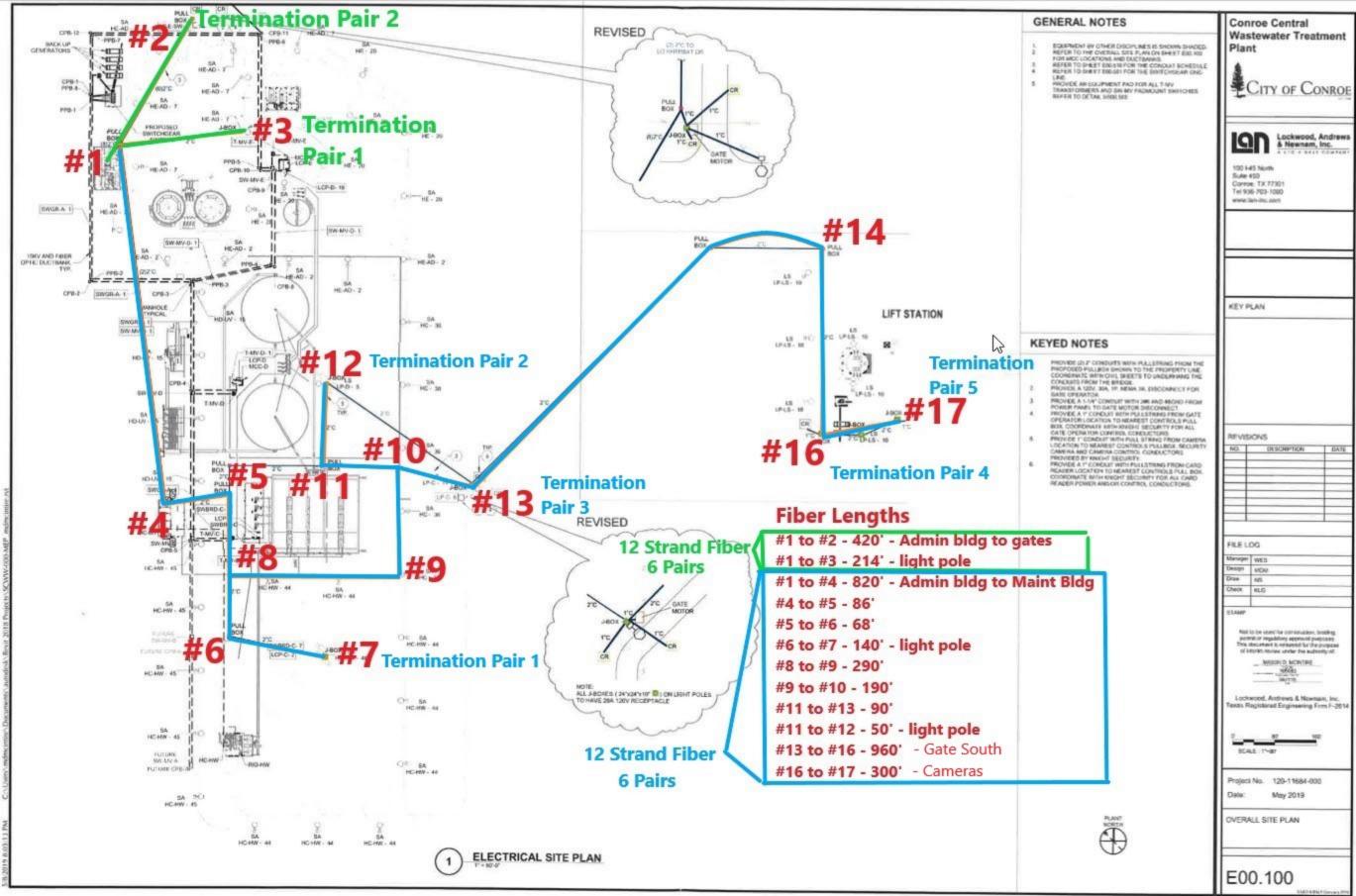
12.1. The network cabling system consists of network outlets located in work areas, cabling pathways through plenum and/or non-plenum spaces to the Network Closet (NC), and the termination therein.

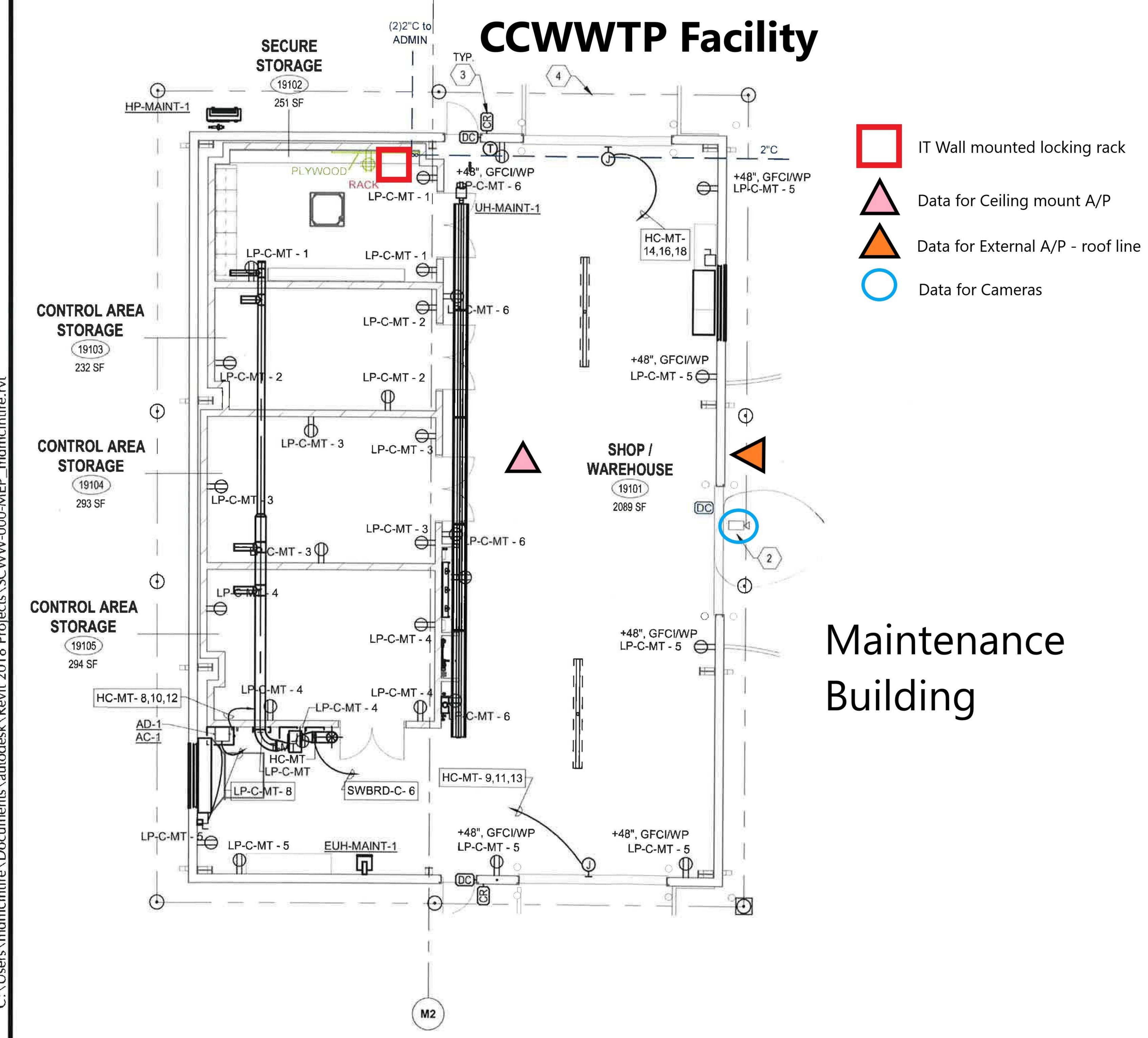
#### 13. INSTALLATION

13.1. The contractor shall Install materials and equipment in accordance with applicable standards, codes, requirements, and recommendations of national, state, and local authorities having jurisdiction, and *National Electrical Code*® (NEC) and with manufacturer's printed instructions.

# **CCWWTP Facility**







## DOCUMENT 00520 BID BOND

BIDDER (Name and Address):	
SURETY (Name and Address of Principal Place of	of Business):
OWNER (Name and Address):	
BID DUE DATE: PROJECT (Brief Description Including Location	ion):
	tending to be legally bound hereby, subject to the terms se this Bid Bond to be duly executed on its behalf by its
BIDDER	SURETY
(Seal) Bidder's Name and Corporate Seal	(Seal) Surety's Name and Corporate Seal
By: Signature and Title	By: Signature and Title (Attach Power of Attorney)
Attest: Signature and Title	Attest: Signature and Title
Note: (1) Above addresses are to be used (2) Any singular reference to Bidder where applicable.	for giving required notice. , Surety, Owner or other party shall be considered plural

- 1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond.
- 2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents and Contract Documents.
- 3. This obligation shall be null and void if:
  - 3.1 Owner accepts Bidder's bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents and Contract Documents, or
  - 3.2 All bids are rejected by Owner, or
  - 3.3 Owner fails to issue a notice of award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5 hereof).
- 4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
- 5. Surety waives notice of and any and all defenses based on or arising out of any time extension to issue notice of award agreed to in writing by Owner and Bidder, provided that the time for issuing notice of award including extensions shall not in the aggregate exceed 120 days from Bid Due Date without Surety's written consent.
- 6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in paragraph 4 above is received by Bidder and Surety, and in no case later than one year after Bid Due Date.
- 7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
- 8. Notice required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.
- 10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of the Bond conflicts with any applicable provision of any applicable statute, then the provision of said statue shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
- 11. The term "bid" as used herein includes a bid, offer or proposal as applicable.

Bond Identification No.
-------------------------

#### STATE OF TEXAS COUNTY OF MONTGOMERY

LET IT BE KNOWN BY THIS INSTRUME	NT:
	, as Principal, and, a corporation duly
	as Surety, are this date held and firmly bound ount of
Dollars	s (\$) for
	ncipal and Surety, by this declaration, do firmly administrators, successors and assigns, jointly
•	mance of Principal with respect to a contract made by and between Principal and the City
	efore, such that it shall remain in full force and perform the Contract in accordance with the
•	fully perform the Contract, Surety will assume ontract and become entitled to payment of the
	remedies concerning this Bond shall be provisions of Chapter 2253 of the Texas bond is executed and given.
N WITNESS TO THIS DECLARATION, sealed this instrument,	the said Principal and Surety have signed and
his day of	, 2
PRINCIPAL	SURETY*
Зу:	By:
Name:	Name:
Fitle:	Address of Attorney-In-Fact
	Telephone No. of Attorney-In Fact

<b>PAYMENT</b>	<b>BOND</b>
----------------	-------------

<b>Bond Identification No</b>	O.
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#### STATE OF TEXAS COUNTY OF MONTGOMERY

Name:\_\_\_\_\_

Title:\_\_\_\_\_

LET I	T BE KNO	WN BY THIS INS	STRUMENT:		
That	we,				_, as Principal, and a corporation duly
			State, as Surety, are	e this date held and firmly	bound unto the City of
			Dollars (\$		) for payment of
	•	-	al and Surety, by t	his declaration, do firmly gns, jointly and individuall	bind themselves, their
			•	of Principal with respec een Principal and the City	
prose	ecution of the	ne Work provided	I for in said Contract	claimants supplying labo Documents, and all such hapter 2253, Texas Gove	claimants shall have a
accor	dance with			concerning this Bond sl he Texas Government C	
	ITNESS T	O THIS DECLAR	RATION, the said Pr	rincipal and Surety have	signed and sealed this
this _	d	ay of		_, 2	
PRIN	CIPAL		SURE	ETY*	

Telephone No. of Attorney-In Fact

Address of Attorney-In-Fact

By:\_\_\_\_\_\_
Name: \_\_\_\_\_\_

**Document 00520 - Page 4 of 5** 

### ATTACH CERTIFICATE OF LIABILITY INSURANCE (HERE)

	CERTIFICATE OF INTE	RESTED PARTIES		ı	FORM 1295
	Complete Nos. 1 - 4 and 6 if the Complete Nos. 1, 2, 3, 5, and 6	ere are interested parties. if there are no interested parties.		OFFIC	CE USE ONLY
1	Name of business entity filing form, a entity's place of business.	and the city, state and country of the busin	ness		
2	Name of governmental entity or state which the form is being filed.	e agency that is a party to the contract fo	•		
3		ed by the governmental entity or state ag ds or services to be provided under the co		track or ider	ntify the contract,
4	Name of Interested Party	City, State, Country	Natu	re of Interest	(check applicable)
	Name of interested Farty	(place of business)	Co	ntrolling	Intermediary
5	Check only if there is NO Interested I	Party.			
6	AFFIDAVIT	I swear, or affirm, under penalty of perjur	y, that the	above disclos	ure is true and correct.
		Signature of authorized a	gent of c	ontracting busing	ness entity
	AFFIX NOTARY STAMP / SEAL ABOVE				
		aidify which, witness my hand and seal of office.		, this the _	day
	, 20, 10 0610	, mands my hand and soul of office.			
	Signature of officer administering oath	Printed name of officer administering oath		Title of office	er administering oath
	ADI	ADDITIONAL PAGES AS NECES	SSAR	•	

#### **CONFLICT OF INTEREST QUESTIONNAIRE**

FORM CIQ

For vendor doing business with local governmental entity

	-			
This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.	OFFICE USE ONLY			
This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).				
By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.				
A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.				
Name of vendor who has a business relationship with local governmental entity.	1			
Check this box if you are filing an update to a previously filed questionnaire. (The law recompleted questionnaire with the appropriate filing authority not later than the 7th business you became aware that the originally filed questionnaire was incomplete or inaccurate.	ss day after the date on which			
Name of local government officer about whom the information is being disclosed.				
Name of Officer				
Describe each employment or other business relationship with the local government off officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with Complete subparts A and B for each employment or business relationship described. Attack CIQ as necessary.  A. Is the local government officer or a family member of the officer receiving or other than investment income, from the vendor?  Yes No  B. Is the vendor receiving or likely to receive taxable income, other than investment of the local government officer or a family member of the officer AND the taxable local governmental entity?  Yes No  Describe each employment or business relationship that the vendor named in Section 1 members of the officer and the vendor named in Section 1 members of the vendor named in Section 1 mem	th the local government officer. The additional pages to this Form likely to receive taxable income, tincome, from or at the direction income is not received from the			
other business entity with respect to which the local government officer serves as an ownership interest of one percent or more.	officer or director, or holds an			
Check this box if the vendor has given the local government officer or a family member as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.				
7				
Signature of vendor doing business with the governmental entity	Date			

## CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm. For easy reference, below are some of the sections cited on this form.

<u>Local Government Code § 176.001(1-a)</u>: "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

#### Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:
  - (2) the vendor:
    - (A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that
      - (i) a contract between the local governmental entity and vendor has been executed; or
      - (ii) the local governmental entity is considering entering into a contract with the vendor:
    - (B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:
      - (i) a contract between the local governmental entity and vendor has been executed; or
      - (ii) the local governmental entity is considering entering into a contract with the vendor.

#### Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:
  - (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
  - (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
  - (3) has a family relationship with a local government officer of that local governmental entity.
- (a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:
  - (1) the date that the vendor:
    - (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
    - (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or
  - (2) the date the vendor becomes aware:
    - (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
    - (B) that the vendor has given one or more gifts described by Subsection (a); or
    - (C) of a family relationship with a local government officer.

	("Company or Business Name")  House Bill 89 Verification
I,	(Person name), the undersigned representative of (Company or Business Name) hereafter referred to as
the und	any"; being an adult over the age of eighteen (18) years of age, after being duly sworn by dersigned notary, do hereby depose and verify under oath that the company named-above, the provisions of Subtitle F, Title 10, Government Code Chapter 2270:
	Does not boycott Israel currently; and Will not boycott Israel during the term of the contract.
Pursuai	nt to Section 2270.001, Texas Government Code:
,	"Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
,	"Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.
DATE	SIGNATURE OF COMPANY REPRESENTATIVE
On thi	s the day of, 20, personally appeared, the above-named person, who after by me uly sworn, did swear and confirm that the above is true and correct.
being di	uly sworn, did swear and confirm that the above is true and correct.
NOTAF	RY SEAL NOTARY SIGNATURE

Date

#### CITY OF CONROE PURCHASING DEPARTMENT

#### **SENATE BILL 252 CERTIFICATION**

On this day, I,	, the Purchasing	
Representative for the City of Conroe, Texas, pursuant to Chapter 2252, Section 2252.152 of the		
Texas Government Code, certify that I did review the website list prepared, maintained, and		
made available to the City of Conroe by	the Comptroller of the State of Texas of companies	
known to have contracts with or provide	supplies or services to Iran, Sudan or any foreign	
terrorist organization. I have ascertained th	at the below-named company is not contained on said	
list of companies that do business with Iran	, Sudan or any Foreign Terrorist Organization.	
Company Name	-	
1 7		
RFP or Vendor number		
	CERTIFICATION CHECK PERFORMED BY:	
	Purchasing Representative	
	Date	