



CITY OF AUSTIN, TEXAS
Purchasing Office
INVITATION FOR BID (IFB)
OFFER SHEET

SOLICITATION NO: GGU0159
DATE ISSUED: APRIL 11, 2016

COMMODITY/SERVICE DESCRIPTION: RENTAL OF AERIAL TOWER DEVICES AND DIGGER DERRICKS

PRE-BID CONFERENCE TIME AND DATE: N/A

REQUISITION NO.: RQM-1100-16032100335
COMMODITY CODE: 97524

LOCATION: N/A

BID DUE PRIOR TO: 2:00 PM ON APRIL 26, 2016

FOR CONTRACTUAL AND TECHNICAL ISSUES CONTACT THE FOLLOWING AUTHORIZED CONTACT PERSON:

BID OPENING TIME AND DATE: 2:15 PM APRIL 26, 2016

GABRIEL GUERRERO

LOCATION: MUNICIPAL BUILDING, 124 W 8th STREET
RM 308, AUSTIN, TEXAS 78701

BUYER II
Phone: (512) 322-6060
E-Mail: gabriel.guerrero@austinenergy.com

LIVE BID OPENING ONLINE:

For information on how to attend the Bid Opening online, please select this link:

<http://www.austintexas.gov/department/bid-opening-webinars>

When submitting a sealed Offer and/or Compliance Plan, use the proper address for the type of service desired, as shown below:

Address for US Mail (Only)	Address for Fedex, UPS, Hand Delivery or Courier Service
City of Austin	City of Austin, Municipal Building
Purchasing Office-Response Enclosed for Solicitation # GGU0159	Purchasing Office-Response Enclosed for Solicitation # GGU0159
P.O. Box 1088	124 W 8 th Street, Rm 308
Austin, Texas 78767-8845	Austin, Texas 78701
	Reception Phone: (512) 974-2500

NOTE: Offers must be received and time stamped in the Purchasing Office prior to the Due Date and Time. It is the responsibility of the Offeror to ensure that their Offer arrives at the receptionist's desk in the Purchasing Office prior to the time and date indicated. Arrival at the City's mailroom, mail terminal, or post office box will not constitute the Offer arriving on time. See Section 0200 for additional solicitation instructions.

All Offers (including Compliance Plans) that are not submitted in a sealed envelope or container will not be considered.

The Vendor agrees, if this Offer is accepted within 120 calendar days after the Due Date, to fully comply in strict accordance with the Solicitation, specifications and provisions attached thereto for the amounts shown on the accompanying Offer.

SUBMIT 1 ORIGINAL AND 2 COPIES OF YOUR RESPONSE

*****SIGNATURE FOR SUBMITTAL REQUIRED ON PAGE 3 OF THIS DOCUMENT*****

This solicitation is comprised of the following required sections. Please ensure to carefully read each section including those incorporated by reference. By signing this document, you are agreeing to all the items contained herein and will be bound to all terms.

SECTION NO.	TITLE	PAGES
0100	STANDARD PURCHASE DEFINITIONS	*
0200	STANDARD SOLICITATION INSTRUCTIONS	*
0300	STANDARD PURCHASE TERMS AND CONDITIONS	*
0400	SUPPLEMENTAL PURCHASE PROVISIONS	6
0500	SCOPE OF WORK / SPECIFICATION	17
0600	BID SHEET – Must be completed and returned with Offer	1
0605	LOCAL BUSINESS PRESENCE IDENTIFICATION FORM – Complete & return	2
0700	REFERENCE SHEET – Complete and return if required	2
0800	NON-DISCRIMINATION CERTIFICATION	*
0805	NON-SUSPENSION OR DEBARMENT CERTIFICATION	*
0810	NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING CERTIFICATION	*
0835	NONRESIDENT BIDDER PROVISIONS – Complete & return	1
0900	MBE/WBE PROCUREMENT PROGRAM PACKAGE NO GOALS FORM – Complete & return	2

*** Documents are hereby incorporated into this Solicitation by reference, with the same force and effect as if they were incorporated in full text. The full text versions of the * Sections are available on the Internet at the following online address:**

http://www.austintexas.gov/financeonline/vendor_connection/index.cfm#STANDARDBIDDOCUMENTS

If you do not have access to the Internet, you may obtain a copy of these Sections from the City of Austin Purchasing Office located in the Municipal Building, 124 West 8th Street, Room #308 Austin, Texas 78701; phone (512) 974-2500. Please have the Solicitation number available so that the staff can select the proper documents. These documents can be mailed, expressed mailed, or faxed to you.

INTERESTED PARTIES DISCLOSURE

In addition, Section 2252.908 of the Texas Government Code requires the successful offeror to complete a Form 1295 “Certificate of Interested Parties” that is signed and notarized for a contract award requiring council authorization. The “Certificate of Interested Parties” form must be completed on the Texas Ethics Commission website, printed, signed and submitted to the City by the authorized agent of the Business Entity with acknowledgment that disclosure is made under oath and under penalty of perjury prior to final contract execution.

https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm

The undersigned, by his/her signature, represents that he/she is submitting a binding offer and is authorized to bind the respondent to fully comply with the solicitation document contained herein. The Respondent, by submitting and signing below, acknowledges that he/she has received and read the entire document packet sections defined above including all documents incorporated by reference, and agrees to be bound by the terms therein.

Company Name: _____

Company Address: _____

City, State, Zip: _____

Federal Tax ID No. _____

Printed Name of Officer or Authorized Representative: _____

Title: _____

Signature of Officer or Authorized Representative: _____

Date: _____

Email Address: _____

Phone Number: _____

*** Completed Bid Sheet, section 0600 must be submitted with this Offer Sheet to be considered for award**

Section 0605: Local Business Presence Identification

A firm (Offeror or Subcontractor) is considered to have a Local Business Presence if the firm is headquartered in the Austin Corporate City Limits, or has a branch office located in the Austin Corporate City Limits in operation for the last five (5) years, currently employs residents of the City of Austin, Texas, and will use employees that reside in the City of Austin, Texas, to support this Contract. The City defines headquarters as the administrative center where most of the important functions and full responsibility for managing and coordinating the business activities of the firm are located. The City defines branch office as a smaller, remotely located office that is separate from a firm's headquarters that offers the services requested and required under this solicitation.

OFFEROR MUST SUBMIT THE FOLLOWING INFORMATION FOR EACH LOCAL BUSINESS (INCLUDING THE OFFEROR, IF APPLICABLE) TO BE CONSIDERED FOR LOCAL PRESENCE.

NOTE: ALL FIRMS MUST BE IDENTIFIED ON THE MBE/WBE COMPLIANCE PLAN OR NO GOALS UTILIZATION PLAN (REFERENCE SECTION 0900).

USE ADDITIONAL PAGES AS NECESSARY

OFFEROR:

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years?		
Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

SUBCONTRACTOR(S):

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years	Yes	No

Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

SUBCONTRACTOR(S):

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years	Yes	No
Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

Section 0700: Reference Sheet

Responding Company Name _____

The City at its discretion may check references in order to determine the Offeror's experience and ability to provide the products and/or services described in this Solicitation. The Offeror shall furnish at least 3 complete and verifiable references. References shall consist of customers to whom the offeror has provided the same or similar services within the last 5 years. References shall indicate a record of positive past performance.

1. Company's Name _____
Name and Title of Contact _____
Project Name _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____)_____ Fax Number (____)_____
Email Address _____

2. Company's Name _____
Name and Title of Contact _____
Project Name _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____)_____ Fax Number (____)_____
Email Address _____

3. Company's Name _____
Name and Title of Contact _____
Project Name _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____)_____ Fax Number (____)_____
Email Address _____

Section 0835: Non-Resident Bidder Provisions

Company Name _____

- A. Bidder must answer the following questions in accordance with Vernon's Texas Statutes and Codes Annotated Government Code 2252.002, as amended:

Is the Bidder that is making and submitting this Bid a "Resident Bidder" or a "non-resident Bidder"?

Answer: _____

- (1) Texas Resident Bidder- A Bidder whose principle place of business is in Texas and includes a Contractor whose ultimate parent company or majority owner has its principal place of business in Texas.
- (2) Nonresident Bidder- A Bidder who is not a Texas Resident Bidder.

- B. If the Bidder id a "Nonresident Bidder" does the state, in which the Nonresident Bidder's principal place of business is located, have a law requiring a Nonresident Bidder of that state to bid a certain amount or percentage under the Bid of a Resident Bidder of that state in order for the nonresident Bidder of that state to be awarded a Contract on such bid in said state?

Answer: _____ Which State: _____

- C. If the answer to Question B is "yes", then what amount or percentage must a Texas Resident Bidder bid under the bid price of a Resident Bidder of that state in order to be awarded a Contract on such bid in said state?

Answer: _____

Section 0900: Minority- and Women-Owned Business Enterprise (MBE/WBE) Procurement Program No Goals Form

SOLICITATION NUMBER:	GGU0159
PROJECT NAME:	RENTAL OF AERIAL TOWER DEVICES AND DIGGER DERRICKS

The City of Austin has determined that no goals are appropriate for this project. Even though goals were not assigned for this solicitation, the Bidder/Proposer is required to comply with the City's MBE/WBE Procurement Program, if areas of subcontracting are identified.

If any service is needed to perform the Contract and the Bidder/Proposer does not perform the service with its own workforce or if supplies or materials are required and the Bidder/Proposer does not have the supplies or materials in its inventory, the Bidder/Proposer shall contact the Small and Minority Business Resources Department (SMBR) at (512) 974-7600 to obtain a list of MBE and WBE firms available to perform the service or provide the supplies or materials. The Bidder/Proposer must also make a Good Faith Effort to use available MBE and WBE firms. Good Faith Efforts include but are not limited to contacting the listed MBE and WBE firms to solicit their interest in performing on the Contract, using MBE and WBE firms that have shown an interest, meet qualifications, and are competitive in the market; and documenting the results of the contacts.

Will subcontractors or sub-consultants or suppliers be used to perform portions of this Contract?

No _____ **If no, please sign the No Goals Form and submit it with your Bid/Proposal in a sealed envelope**

Yes _____ **If yes, please contact SMBR to obtain further instructions and an availability list and perform Good Faith Efforts. Complete and submit the No Goals Form and the No Goals Utilization Plan with your Bid/Proposal in a sealed envelope.**

After Contract award, if your firm subcontracts any portion of the Contract, it is a requirement to complete Good Faith Efforts and the No Goals Utilization Plan, listing any subcontractor, sub-consultant, or supplier. Return the completed Plan to the Project Manager or the Contract Manager.

I understand that even though goals were not assigned, I must comply with the City's MBE/WBE Procurement Program if subcontracting areas are identified. I agree that this No Goals Form and No Goals Utilization Plan shall become a part of my Contract with the City of Austin.	

Company Name	

Name and Title of Authorized Representative (Print or Type)	

Signature	Date

Minority- and Women-Owned Business Enterprise (MBE/WBE) Procurement Program No Goals Utilization Plan
 (Please duplicate as needed)

SOLICITATION NUMBER:	GGU0159
PROJECT NAME:	RENTAL OF AERIAL TOWER DEVICES AND DIGGER DERRICKS

PRIME CONTRACTOR / CONSULTANT COMPANY INFORMATION

Name of Contractor/Consultant			
Address			
City, State Zip			
Phone Number		Fax Number	
Name of Contact Person			
Is Company City certified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	MBE <input type="checkbox"/> WBE <input type="checkbox"/> MBE/WBE Joint Venture <input type="checkbox"/>

I certify that the information included in this No Goals Utilization Plan is true and complete to the best of my knowledge and belief. I further understand and agree that the information in this document shall become part of my Contract with the City of Austin.

Name and Title of Authorized Representative (Print or Type)

Signature

Date

Provide a list of all proposed subcontractors / sub-consultants / suppliers that will be used in the performance of this Contract. **Attach Good Faith Effort documentation if non MBE/WBE firms will be used.**

Sub-Contractor / Sub-Consultant			
City of Austin Certified	MBE <input type="checkbox"/>	WBE <input type="checkbox"/>	Ethics / Gender Code: <input type="checkbox"/> Non-Certified
Vendor ID Code			
Contact Person		Phone Number	
Amount of Subcontract	\$		
List commodity codes & description of services			

Sub-Contractor / Sub-Consultant			
City of Austin Certified	MBE <input type="checkbox"/>	WBE <input type="checkbox"/>	Ethics / Gender Code: <input type="checkbox"/> Non-Certified
Vendor ID Code			
Contact Person		Phone Number	
Amount of Subcontract	\$		
List commodity codes & description of services			

FOR SMALL AND MINORITY BUSINESS RESOURCES DEPARTMENT USE ONLY:

Having reviewed this plan, I acknowledge that the proposer (HAS) or (HAS NOT) complied with City Code Chapter 2-9A/B/C/D, as amended.

Reviewing Counselor _____ **Date** _____ **Director/Deputy Director** _____ **Date** _____

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The following Supplemental Purchasing Provisions apply to this solicitation:

1. **EXPLANATIONS OR CLARIFICATIONS:** (reference paragraph 5 in Section 0200)

All requests for explanations or clarifications must be submitted in writing to the Purchasing Office not later than (5) calendar days prior to bid opening. Submissions may be made via e-mail to: gabriel.querrero@austinenergy.com or via fax at (512) 322-6580

2. **INSURANCE:** Insurance is required for this solicitation.

A. **General Requirements:** See Section 0300, Standard Purchase Terms and Conditions, paragraph 32, entitled Insurance, for general insurance requirements.

- i. The Contractor shall provide a Certificate of Insurance as verification of coverages required below to the City at the below address prior to contract execution and within 14 calendar days after written request from the City. Failure to provide the required Certificate of Insurance may subject the Offer to disqualification from consideration for award
- ii. The Contractor shall not commence work until the required insurance is obtained and until such insurance has been reviewed by the City. Approval of insurance by the City shall not relieve or decrease the liability of the Contractor hereunder and shall not be construed to be a limitation of liability on the part of the Contractor.
- iii. The Contractor must also forward a Certificate of Insurance to the City whenever a previously identified policy period has expired, or an extension option or holdover period is exercised, as verification of continuing coverage.
- iv. The Certificate of Insurance, and updates, shall be mailed to the following address:

City of Austin Purchasing Office
Attn: [\(All City Contracts\)](#)
721 Barton Springs Road
Austin, Texas 78704

B. **Specific Coverage Requirements:** The Contractor shall at a minimum carry insurance in the types and amounts indicated below for the duration of the Contract, including extension options and hold over periods, and during any warranty period. These insurance coverages are required minimums and are not intended to limit the responsibility or liability of the Contractor.

- i. **Worker's Compensation and Employers' Liability Insurance:** Coverage shall be consistent with statutory benefits outlined in the Texas Worker's Compensation Act (Section 401). The minimum policy limits for Employer's Liability are \$100,000 bodily injury each accident, \$500,000 bodily injury by disease policy limit and \$100,000 bodily injury by disease each employee.
 - (1) The Contractor's policy shall apply to the State of Texas and include these endorsements in favor of the City of Austin:
 - (a) Waiver of Subrogation, Form WC420304, or equivalent coverage
 - (b) Thirty (30) days Notice of Cancellation, Form WC420601, or equivalent coverage
- ii. **Commercial General Liability Insurance:** The minimum bodily injury and property damage per occurrence are \$500,000 for coverages A (Bodily Injury and Property Damage) and B (Personal and Advertising Injury).
 - (1) The policy shall contain the following provisions:
 - (a) Contractual liability coverage for liability assumed under the Contract and all other Contracts related to the project.

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- (b) Contractor/Subcontracted Work.
 - (c) Products/Completed Operations Liability for the duration of the warranty period.
 - (d) If the project involves digging or drilling provisions must be included that provide Explosion, Collapse, and/or Underground Coverage.
 - (2) The policy shall also include these endorsements in favor of the City of Austin:
 - (a) Waiver of Subrogation, Endorsement CG 2404, or equivalent coverage
 - (b) Thirty (30) days Notice of Cancellation, Endorsement CG 0205, or equivalent coverage
 - (c) The City of Austin listed as an additional insured, Endorsement CG 2010, or equivalent coverage
 - iii. **Business Automobile Liability Insurance:** The Contractor shall provide coverage for all owned, non-owned and hired vehicles with a minimum combined single limit of \$500,000 per occurrence for bodily injury and property damage. Alternate acceptable limits are \$250,000 bodily injury per person, \$500,000 bodily injury per occurrence and at least \$100,000 property damage liability per accident.
 - (1) The policy shall include these endorsements in favor of the City of Austin:
 - (a) Waiver of Subrogation, Endorsement CA0444, or equivalent coverage
 - (b) Thirty (30) days Notice of Cancellation, Endorsement CA0244, or equivalent coverage
 - (c) The City of Austin listed as an additional insured, Endorsement CA2048, or equivalent coverage.
 - iv. **All Risk Property Insurance:** with coverage including but not limited to fire, wind, hail, vandalism and malicious mischief for equipment being leased/rented to the City of Austin; Coverage for cargo shall also be included. The City shall be an additional insured on the policy.
 - C. **Endorsements:** The specific insurance coverage endorsements specified above, or their equivalents must be provided. In the event that endorsements, which are the equivalent of the required coverage, are proposed to be substituted for the required coverage, copies of the equivalent endorsements must be provided for the City's review and approval.
3. **TERM OF CONTRACT:**
- A. The Contract shall be in effect for an initial term of twenty-four (24) months and may be extended thereafter for up to three (3) additional twelve (12) month periods, subject to the approval of the Contractor and the City Purchasing Officer or his designee.
 - B. Upon expiration of the initial term or period of extension, the Contractor agrees to hold over under the terms and conditions of this agreement for such a period of time as is reasonably necessary to re-solicit and/or complete the project (not to exceed 120 days unless mutually agreed on in writing).
 - C. Upon written notice to the Contractor from the City's Purchasing Officer or his designee and acceptance of the Contractor, the term of this contract shall be extended on the same terms and conditions for an additional period as indicated in paragraph A above.
 - D. Prices are firm and fixed for the first twelve (12) months. Thereafter, price changes are subject to the Economic Price Adjustment provisions of this Contract.
4. **QUANTITIES:** The quantities listed herein are estimates for the period of the Contract. The City reserves the right to purchase more or less of these quantities as may be required during the

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Contract term. Quantities will be as needed and specified by the City for each order. Unless specified in the solicitation, there are no minimum order quantities.

5. **DEPARTMENTS:** The Contract will be utilized by the Austin Energy Department. The City reserves the right to allow other City Departments to utilize the contract.
6. **DELIVERY REQUIREMENTS:** Delivery sites shall include but are not limited to:

Delivery Locations:	Receiving Hours:
Austin Energy Kramer Warehouse and Yard 2412 Kramer Lane, Building D Austin, TX 78758	Monday through Friday Hours: 7:00 am to 3:00 pm
City of Austin - Austin Energy Various Locations within Austin City Limits To Be Specified at Time of Order Austin, TX	Monday through Friday Hours: 7:00 am to 3:00 pm

- A. Delivery is to be made within ten (10) calendar days after the order is placed. All orders must be shipped complete unless arrangements for partial shipments are made in advance.
 - B. The Contractor shall provide, with each delivery, a Shipping or Delivery Ticket showing the description of each item, quantity, and unit price.
 - C. The Contractor shall confirm the quantity to be shipped on all orders within two (2) hours of notification.
 - D. Unless requested by the City, deliveries shall not be made on City-recognized legal holidays (see paragraph 51 in Section 0300).
7. **INVOICES and PAYMENT:** (reference paragraphs 12 and 13 in Section 0300)
 - A. Invoices shall contain a unique invoice number and the information required in Section 0300, paragraph 12, entitled "Invoices." Invoices received without all required information cannot be processed and will be returned to the vendor.

Invoices shall be mailed to the below address:

	City of Austin
Department	Austin Energy
Attn:	Mark Francis
Address	721 Barton Springs Road
City, State Zip Code	Austin, Texas 78704

- B. Invoices shall reference a 30 day service period and be billed on a 30 day cycle.

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- C. The Contractor agrees to accept payment by either check or Electronic Funds Transfer (EFT) for all goods and/or services provided under the Contract.
- D. Any claims for damages must be made within 60 days of contract end date.
- E. The monthly rates specified on the Bid Sheet (Section 0600) shall be equitably prorated based on actual rental length.

8. HAZARDOUS MATERIALS:

- A. If this Solicitation involves hazardous materials, the Offeror should furnish with the Offer Material Safety Data Sheets (MSDS), (OSHA Form 20), on all chemicals and hazardous materials specifying the generic and trade name of product, product specification, and full hazard information including receiving and storage hazards. Instructions, special equipment needed for handling, information on approved containers, and instructions for the disposal of the material are also required.
- B. Failure to submit the MSDS as part of the Offer may subject the Offer to disqualification from consideration for award.
- C. The MSDS, instructions and information required in paragraph "A" must be included with each shipment under the contract.

9. NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING:

- A. On November 10, 2011, the Austin City Council adopted Ordinance No. 20111110-052 amending Chapter 2.7, Article 6 of the City Code relating to Anti-Lobbying and Procurement. The policy defined in this Code applies to Solicitations for goods and/or services requiring City Council approval under City Charter Article VII, Section 15 (Purchase Procedures). During the No-Contact Period, Offerors or potential Offerors are prohibited from making a representation to anyone other than the Authorized Contact Person in the Solicitation as the contact for questions and comments regarding the Solicitation.
- B. If during the No-Contact Period an Offeror makes a representation to anyone other than the Authorized Contact Person for the Solicitation, the Offeror's Offer is disqualified from further consideration except as permitted in the Ordinance.
- C. If an Offeror has been disqualified under this article more than two times in a sixty (60) month period, the Purchasing Officer shall debar the Offeror from doing business with the City for a period not to exceed three (3) years, provided the Offeror is given written notice and a hearing in advance of the debarment.
- D. The City requires Offerors submitting Offers on this Solicitation to certify that the Offeror has not in any way directly or indirectly made representations to anyone other than the Authorized Contact Person during the No-Contact Period as defined in the Ordinance. The text of the City Ordinance is posted on the Internet at: <http://www.ci.austin.tx.us/edims/document.cfm?id=161145>

10. ECONOMIC PRICE ADJUSTMENT:

- A. **Price Adjustments:** Prices shown in this Contract shall remain firm for the first twelve (12) months of the Contract. After that, in recognition of the potential for fluctuation of the Contractor's cost, a price adjustment (increase or decrease) may be requested by either

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the City or the Contractor on the anniversary date of the Contract or as may otherwise be specified herein. The percentage change between the contract price and the requested price shall not exceed the percentage change between the specified index in effect on the date the solicitation closed and the most recent, non-preliminary data at the time the price adjustment is requested. The requested price adjustment shall not exceed five percent (5%) for any single line item and in no event shall the total amount of the contract be automatically adjusted as a result of the change in one or more line items made pursuant to this provision. Prices for products or services unaffected by verifiable cost trends shall not be subject to adjustment.

- B. **Effective Date:** Approved price adjustments will go into effect on the first day of the upcoming renewal period or anniversary date of contract award and remain in effect until contract expiration unless changed by subsequent amendment.
- C. **Adjustments:** A request for price adjustment must be made in writing and submitted to the other Party prior to the yearly anniversary date of the Contract; adjustments may only be considered at that time unless otherwise specified herein. Requested adjustments must be solely for the purpose of accommodating changes in the Contractor's direct costs. Contractor shall provide an updated price listing once agreed to adjustment(s) have been approved by the parties.
- D. **Indexes:** In most cases an index from the Bureau of Labor Standards (BLS) will be utilized; however, if there is more appropriate, industry recognized standard then that index may be selected.
 - i. The following definitions apply:
 - (1) **Base Period:** Month and year of the original contracted price (the solicitation close date).
 - (2) **Base Price:** Initial price quoted, proposed and/or contracted per unit of measure.
 - (3) **Adjusted Price:** Base Price after it has been adjusted in accordance with the applicable index change and instructions provided.
 - (4) **Change Factor:** The multiplier utilized to adjust the Base Price to the Adjusted Price.
 - (5) **Weight %:** The percent of the Base Price subject to adjustment based on an index change.
 - ii. **Adjustment-Request Review:** Each adjustment-request received will be reviewed and compared to changes in the index(es) identified below. Where applicable:
 - (1) Utilize final Compilation data instead of Preliminary data
 - (2) If the referenced index is no longer available shift up to the next higher category index.
 - iii. **Index Identification:** Complete table as they may apply.

Weight % or \$ of Base Price: 100%	
Database Name: Producer Price Index Industry Data	
Series ID: WPU 443	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Geographical Area: All	
Description of Series ID: WPU 443 Rental and leasing of goods (partial)	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: All	

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E. **Calculation:** Price adjustment will be calculated as follows:

Single Index: Adjust the Base Price by the same factor calculated for the index change.

Index at time of calculation
Divided by index on solicitation close date
Equals Change Factor
Multiplied by the Base Rate
Equals the Adjusted Price

F. If the requested adjustment is not supported by the referenced index, the City, at its sole discretion, may consider approving an adjustment on fully documented market increases.

11. **PROJECT MANAGER:** The following person is designated as Project Manager, and will act as the contact point between the City and the Contractor during the term of the Contract:

Mark Francis
City of Austin – Austin Energy Town Lake Center
721 Barton Springs Road Austin, Texas 78704
Phone number: (512)322-6309 E-mail address: mark.francis@austinenergy.com

12. **CONTRACT COMPLIANCE:** The following person is designated as Contract Compliance, and will act as the contact point between the City and the Contractor for financial, contractual issues and interpretation of the contract during the term of the Contract:

Cherilyn Wadley
City of Austin – Austin Energy Town Lake Center
721 Barton Springs Road Austin, Texas 78704
Phone number: (512)505-7838 E-mail address: cherilyn.wadley@austinenergy.com

*Note: The above listed Project Manager and Contract Compliance are not the authorized Contact Persons for purposes of the **NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING Provision** of this Section; and therefore, contact with the Project Manager and Contract Compliance is prohibited during the no contact period.

**CITY OF AUSTIN
PURCHASING OFFICE
SCOPE OF WORK
FOR
RENTAL OF AERIAL TOWER DEVICES AND DIGGER DERRICKS**

1.0 SCOPE AND CLASSIFICATION

1.1 Scope

Austin Energy (AE), a municipally owned electric utility of the City of Austin, Texas, seeks bids in response to this Invitation for Bid from reliable rental companies to supply 45feet sheave height Digger Derricks and Aerial Tower Devices between 42 feet and 90 feet in working height capacities as required.

1.2 Classification

Equipment described herein is for use by AE for Transmission, Distribution, and Street lighting systems construction and maintenance work.

2.0 APPLICABLE SPECIFICATIONS

Equipment supplied under this contract shall comply with all Federal and State of Texas Standards, Regulations, and Laws concerning this type of equipment applicable and effective on date of manufacture. These also include ANSI standards, safety, noise, and emission control standards as apply to both private industry and governmental agencies.

3.0 AUSTIN ENERGY (AE) REQUIREMENTS

3.1 AE shall be responsible for providing the fuel required in the day to day operation of the rental units.

3.1.1 AE will utilize the City of Austin fueling infrastructure which includes B-20 Bio-Diesel.

3.2 AE shall be financially responsible for repairs on rental units only in the cases that are the result of vehicle abuse by City (i.e., traffic accidents, misuse, operational errors resulting in damages, etc.). No actual repairs shall be performed by AE or any other city department.

3.3 AE agrees to utilize all equipment under this lease agreement in accordance with the manner and purpose for which it was manufactured and intended. The equipment will be operated by properly trained and qualified personnel in accordance with the manufacturer's instructions, and manuals.

4.0 CONTRACTOR QUALIFICATIONS

4.1 The Contractor must be an operational equipment rental facility regularly engaged in the business of providing rental equipment services for a minimum of three (3) consecutive years within the last five (5) years.

4.2 The Contractor shall provide a list of at least three (3) customers who are either currently renting this equipment, or have rented this equipment in the past.

4.3 The Contractor shall have access to rented equipment sufficient to fill order requests as stipulated in this Scope of Work. The Contractor may be required to attend a post award meeting with AE personnel within thirty (30) calendar days after Contract award. The purpose of the meeting is to discuss the terms and conditions of the contract.

5.0 CONTRACTOR REQUIREMENTS

- 5.1 The Contractor shall be responsible for delivery of equipment to the City, and for pickup of the equipment at the end of the rental period.
- 5.2 The Contractor shall provide a checklist for documenting unit condition at the time of delivery. The Contractor's representative and a representative from AE shall inspect the unit noting any existing problems on the checklist prior to Austin Energy taking possession of the unit.
- 5.3 The Contractor shall be responsible for all major repairs on a rental unit which render the equipment as unusable, to include units with physical damage.
- 5.4 The Contractor shall perform all major repair services on the Contractor's premises. Preventive maintenance services as required by the Original Equipment Manufacturer (OEM) may be performed on City property, if space is available.
- 5.5 AE shall not be charged for any downtime of any aerial tower devices and/or digger derrick equipment due to mechanical failure. In the case a mechanical failure does occur, and repairs are estimated to take more than three (3) working days, a replacement unit shall be provided within three (3) days. AE shall not be charged for any downtime on this equipment not attributed to operator misuse, or abuse.
- 5.6 The Contractor shall provide documentation of all permits and licenses necessary to operate the rental equipment in the State of Texas with their bid.
- 5.7 The Contractor shall provide rental of digger derricks and aerial tower equipment manufactured and /or installed prior to 2011 unless first approved in writing by AE Project Manager or their designee.

6.0 EQUIPMENT SPECIFICATIONS

- 6.1 The rental equipment required for this solicitation is as follows:
 - 6.1.1 Aerial Tower Device Units
 - Aerial Tower – 42' "Insulated" Material Handling, Overcenter Articulating
 - Aerial Tower – 55' "Insulated" Material Handling, Overcenter Articulating
 - Aerial Tower – 65' "Insulated" Material Handling, Overcenter Articulating
 - Aerial Tower – 90' "Insulated" Articulating
 - 6.1.2 Digger Derricks Units
 - Digger Derrick - 45' Sheave Height
 - 6.1.3 See "Attachment A" for detailed specifications.
- 6.2 All equipment and material provided by the Contractor must be in good working condition and fit for the specific purpose or tasks identified by AE, and meet or exceed the following minimum standards and specifications, as applicable.

ATTACHMENT A
DETAILED EQUIPMENT SPECIFICATIONS

Specification pages must be completed and submitted as a part of your bid.

Bidders are required to meet specific qualifications. Bidder must state compliance to the listed requirements by writing YES or NO on line after each requirement.

1.0 AERIAL TOWER DEVICES

1.1 AERIAL TOWER - 42 FEET "INSULATED" MATERIAL HANDLING, OVERCENTER ARTICULATING

- 1.1.1 Aerial unit shall be a truck mounted, insulated, over-center articulating type with a material handling feature capable of attaining a height of 42' from the ground to the bottom of the bucket. _____
- 1.1.2 Aerial unit lower boom articulation shall be a minimum of 100 degrees from horizontal. _____
- 1.1.3 Aerial unit upper boom articulation is to be no less than 160 degrees in relation to the lower boom. _____
- 1.1.4 Aerial unit rotation shall be continuous and unrestricted in either direction. _____
- 1.1.5 Aerial unit shall be rear mounted with the pedestal located on the longitudinal centerline of the chassis cab, behind the rear axle. The unit boom assemblies shall store over the chassis cab, and the bucket shall store to the rear. _____
- 1.1.6 Aerial unit lower boom assembly shall be of heavy steel plate with a fiberglass insert providing a minimum 18 inches of insulation gap. _____
- 1.1.7 Aerial unit upper boom shall be constructed of fiberglass, with a "Heavy Duty" fabricated steel attachment point at the knuckle end. The upper boom shall provide sufficient insulating capability to meet ANSI A92.2-1990 (or latest revision thereof) standards for Category "B" aerial devices rated at 69kv and below. _____
- 1.1.8 Aerial unit upper boom articulation shall be accomplished by double acting hydraulic cylinder(s) directly connected to the upper and lower boom articulation linkage. _____
- 1.1.9 Aerial unit lower boom lift shall be accomplished by double acting hydraulic cylinder(s) directly connected to the unit turret. _____
- 1.1.10 All hydraulic cylinders (aerial unit and outriggers) shall be equipped with holding valves. _____

- 1.1.11 Aerial unit shall be stabilized by means of two (2) sets, total of four (4), A-frame hydraulic outriggers with swivel type pads. _____
- 1.1.12 Aerial unit outrigger control valves shall be installed at the rear of the line body, one (1) set each side. _____
- 1.1.13 Aerial unit hydraulic system shall be run by a Power Take Off (P.T.O.) / Pump combination of sufficient size to efficiently operate the aerial unit to the equipment manufacturer's specification. _____
- 1.1.14 Aerial unit controls shall be protected from inadvertent operation by guards or shields. _____
- 1.1.15 Aerial unit controls shall be the single handle type, with a "Dead Man" safety trigger feature to prevent accidental boom movement. Controls shall return to the closed or neutral position when released, and shall be protected from inadvertent operation by guards or shields. _____
- 1.1.16 Aerial unit shall have an automatic or manual 2-speed throttle control for both upper and lower unit controls to ensure efficient operation of all functions. _____
- 1.1.17 Aerial unit shall have complete overriding lower controls installed in a convenient location accessible from the bed of the truck. _____
- 1.1.18 Aerial unit device shall have provisions for stopping and starting the truck engine from the bucket, and from the lower control station. _____
- 1.1.19 Aerial unit shall have provisions for lowering and storing the aerial unit from the bucket, and from the lower control station in case of hydraulic failure (Example: 12V emergency hydraulic system). _____
- 1.1.20 Aerial unit shall have hydraulic circuits at the bucket, and at an easily accessible location below unit rotation for the operation of hydraulic tools. _____
- 1.1.21 Aerial unit shall have the tool circuit at the bucket and shall not affect the insulating characteristics of the aerial device. _____
- 1.1.22 Aerial unit hydraulic couplers shall be 1/2 inch drip-less with a flush face. _____
- 1.1.23 Aerial unit shall be equipped with one (1) side mounted fiberglass bucket. The bucket shall be equipped and provide for the following features: _____

- 1.1.23.1 Bucket shall be equipped with inside and outside access step, and shall have a minimum capacity of 300 lbs. throughout aerial device range of motion. _____
- 1.1.23.2 Bucket shall be equipped with a polyethylene bucket liner including an interior corner mounted entry/exit step, and skid pad. _____
- 1.1.23.3 Bucket shall be self-leveling in all boom positions. _____
- 1.1.23.4 Bucket shall be equipped with bucket tilt capability for debris cleanout, or personnel rescue. _____
- 1.1.23.5 Bucket shall be equipped with a hydraulic rotator providing a minimum of 90 degrees of rotation for better access to work areas. _____
- 1.1.23.6 Weatherproof bucket cover. _____
- 1.1.24 One (1) full body safety harness including lanyard shall be provided with the aerial unit. _____
- 1.1.25 Skid-proof access steps shall be provided to the top of the body compartment, and from the top of the compartment into the unit bucket assembly. Grab handles or rails shall be provided as necessary for safety. _____
- 1.1.26 Aerial unit boom tip shall be equipped with a side mounted fiberglass jib assembly including a hydraulically operated winch. The jib assembly shall be hydraulically articulating, and manually adjustable in length. The hydraulic winch shall have a minimum 2,000 lbs. full drum pull rating, and be supplied with minimum 1/2 inch synthetic rope. _____
- 1.1.27 A lift capacity chart shall be installed within easy view of the operator, and shall show actual lifting capacities. _____
- 1.1.28 Current di-electric certification records shall be provided with each unit at the time of delivery. _____
- 1.1.29 The aerial unit shall be installed on a cab and chassis of adequate capacity to meet hydraulic equipment manufacturer's standards. _____
- 1.1.30 Aerial unit shall be supplied with a line body compatible with the above cab and chassis. The line body shall include double panel compartment doors, with lockable paddle handle latches. **(NOTE: Flatbed type bodies are not acceptable)** _____
- 1.1.31 A pintle hitch similar to a HOLLAND Model T-100A shall be installed at the rear of the chassis frame rails and braced as required. _____
- 1.1.31 "Heavy Duty" D-rings shall be provided near the pintle hook for safety chains. _____

- 1.1.32 A 6-way trailer connection shall be installed near the pintle hook. _____
- 1.1.33 A trailer brake control kit shall be installed in the chassis cab. _____
- 1.1.34 The aerial unit shall be equipped with a lighting package that meets all Federal and State of Texas requirements. _____
- 1.1.35 An operator's manual shall be provided with each piece of equipment at the time of delivery. _____

1.2 AERIAL TOWER - 55 FEET "INSULATED" MATERIAL HANDLING, OVERCENTER ARTICULATING

- 1.2.1 Aerial unit shall be a truck mounted over-center articulating type, capable of obtaining a ground to bottom of bucket height of 55 feet. This would provide a comfortable working height of 60 feet. _____
- 1.2.2 Aerial unit lower boom articulation shall be a minimum of 90 degrees from horizontal. _____
- 1.2.3 Aerial unit upper boom articulation should be a minimum of 190 degrees in relation to the lower boom. _____
- 1.2.4 Rotation shall be continuous and unrestricted in either direction. _____
- 1.2.5 Aerial unit shall be mounted on the longitudinal centerline of the chassis over, or slightly behind the chassis rear axle. _____
- 1.2.6 The lower boom assembly shall be constructed of heavy steel plate with a fiberglass insert. The insert insulating gap shall be a minimum of 18 inches. _____
- 1.2.7 Lower boom shall be activated by a direct mounted hydraulic cylinder(s). _____
- 1.2.8 Upper boom shall be constructed of fiberglass, and shall provide a minimum insulation gap of 12 feet. _____
- 1.2.9 Upper boom shall be activated by hydraulic cylinders(s) that elevate the boom by means of direct connection to the upper and lower booms. _____
- 1.2.10 Aerial unit shall be equipped with two (2) one-man, side hung fiberglass reinforced plastic buckets, with inside/outside steps. The buckets shall be equipped and provide for the following features: _____
 - 1.2.10.1 Minimum size of unit buckets shall be 24" x 24" x 42" (Note:

Minimum bucket capacity to be 300 lbs. each in any boom position)._____

1.2.10.2 An insulating bucket liner shall be provided for each bucket._____

1.2.10.3 Buckets shall be self-leveling in all boom positions._____

1.2.11 Two (2) full body safety harnesses and two (2) lanyards shall be provided with each unit delivered.

1.2.12 Steps, grab handles, and etc. shall be provided for safe access to the buckets.

1.2.13 Aerial unit shall be equipped with an engine start/stop control operable from the basket.

1.2.14 Aerial unit shall have provisions for lowering and storing the aerial unit from the bucket, and from the lower control station in case of hydraulic failure (Example: 12V emergency hydraulic system).

1.2.15 Aerial unit shall have overriding controls to be provided below rotation as per current ANSI standards.

1.2.16 Aerial unit shall be provided with two (2) sets total of four (4), A-frame type hydraulically extended outriggers. One set is to be mounted at the rear near the unit tower, and one set is to be mounted at the front toward the chassis cab.

1.2.17 Aerial unit and outriggers are to be tied together by use of a full-length sub-frame assembly which is shear plated, and bolted to the chassis frame.

1.2.18 Outriggers in the stowed position shall provide a minimum ground clearance of 18 inches.

1.2.19 All hydraulic cylinders shall be equipped with integral holding valves.

1.2.20 Provision shall be made to prevent the accidental movement of outriggers when the tower is in operation.

1.2.21 Outrigger control valves shall be installed at the rear of the line body, one set each side.

1.2.22 Aerial unit hydraulic system is to be run by a Power Take Off (P.T.O.)/pump combination of sufficient size to efficiently operate the aerial unit to the equipment manufacturer's specification.

- 1.2.23 Hydraulic tool power shall be provided at the bucket and below unit rotation. Hydraulic flow and pressure at the couplers should be adequate to efficiently drive hydraulic tools such as drills, pruners and chain saws. _____
- 1.2.24 All hydraulic couplers shall be 1/2 inch drip-less with a flush face. _____
- 1.2.25 Controls shall be the single handle type, with a "Dead Man" safety trigger feature to prevent accidental boom movement. Controls shall return to the closed or neutral position when released, and shall be protected from inadvertent operation by guards or shields. _____
- 1.2.26 A fiberglass articulating and telescopic jib assembly with hydraulic winch, 1/2 inch insulated rope, and material hook to be installed at unit upper boom tip for lifting transformers, & etc. _____
- 1.2.27 Hydraulic winch controls are to be installed near the unit upper controls. _____
- 1.2.28 A jib and winch capacity chart is to be clearly visible from unit buckets. _____
- 1.2.29 Current di-electric certification records are to be provided with each unit at the time of delivery. _____
- 1.2.30 Aerial unit is to be installed on a cab and chassis of adequate capacity to meet hydraulic equipment manufacturer's standards. _____
- 1.2.31 Aerial unit shall be supplied with a line body compatible with the above cab and chassis. The line body shall include double panel compartment doors, with lockable paddle handle latches. **(NOTE: FLATBED TYPE BODIES ARE NOT ACCEPTABLE.)** _____
- 1.2.32 The body compartmentation may be the manufacturer's standard. _____
- 1.2.33 A "Heavy Duty" pintle hook hitch similar to the Holland T-100A with safety chain eyes shall be installed at the rear of the body with adequate bracing to chassis frame. _____
- 1.2.34 A 6-way trailer socket is to be installed near the pintle hook. _____
- 1.2.35 A trailer brake control kit shall be installed in the chassis cab. _____
- 1.2.36 Aerial unit shall be equipped with a lighting package that meets all Federal and State of Texas requirements. _____

1.2.37 An operator's manual shall be provided for each piece of equipment at the time of delivery.

1.3 AERIAL TOWER - 65 FEET "INSULATED" MATERIAL HANDLING, OVERCENTER ARTICULATING

1.3.1 Aerial unit shall be a truck mounted non-over-center articulating type capable of obtaining a ground to bottom of bucket height of 65 feet. This would provide a working height of 70 feet.

1.3.2 Unit lower boom articulation should be a minimum of 90 degrees from horizontal.

1.3.3 Unit upper boom articulation should be a minimum of 136 degrees relative to the lower boom.

1.3.4 Rotation shall be continuous and unrestricted in either direction.

1.3.5 Unit tower shall be mounted on the longitudinal centerline of the chassis over, or slightly behind the chassis rear axle.

1.3.6 Lower boom shall be constructed of heavy steel plate with a fiberglass insert. Insert insulating gap shall be a minimum of 18 inches.

1.3.7 Lower boom shall be activated by direct mounted hydraulic cylinders.

1.3.8 Upper boom shall be fiberglass, and shall provide a minimum insulation gap of 17 feet.

1.3.9 The upper boom shall be activated by hydraulic cylinder(s) that elevate the boom by means of direct connection to the upper and lower booms.

1.3.10 Aerial unit shall be equipped with two (2) one-man, side hung fiberglass reinforced plastic buckets with inside/outside steps. The buckets shall be equipped and provide for the following features:

1.3.10.1 Minimum size of unit buckets to be 24" x 24" x 42". (Note: Minimum bucket capacity to be 300 pounds each in any boom position).

1.3.10.2 Insulating bucket liner shall be provided for each bucket.

1.3.10.3 Buckets to be self-leveling in all boom positions.

1.3.11 Two (2) full body safety harnesses and two (2) lanyards shall be provided with each unit delivered.

- 1.3.12 Steps, grab handles, etc. to be provided for safe access to the buckets. _____
- 1.3.13 Controls shall be the single handle type, with a "Dead Man" safety trigger feature to prevent accidental boom movement. Controls shall return to the closed or neutral position when released, and shall be protected from inadvertent operation by guards or shields. _____
- 1.3.14 Aerial unit to be equipped with an engine start/stop system operable from the basket. _____
- 1.3.15 Aerial unit shall have provisions for lowering and storing the aerial unit from the bucket, and from the lower control station in case of hydraulic failure (Example: 12V emergency hydraulic system). _____
- 1.3.16 Aerial unit shall have overriding controls to be provided below rotation as per ANSI standards. _____
- 1.3.17 Aerial unit to be provided with two sets for a total quantity of four (4), A-frame type hydraulically extended outriggers. One set is to be mounted at the rear near the unit tower, and one set is to be mounted at the front toward the chassis cab. _____
- 1.3.18 Aerial unit and outriggers are to be tied together by use of a full-length sub-frame assembly which is shear plated, and bolted to the chassis frame. _____
- 1.3.19 Outriggers in their stowed position shall provide a minimum 18 inches of ground clearance. _____
- 1.3.20 All hydraulic cylinders shall be equipped with integral holding valves. _____
- 1.3.21 Provision shall be made to prevent the accidental movement of outriggers when the tower is in operation. _____
- 1.3.22 Outrigger control valves shall be installed at the rear of the line body, one set each side. _____
- 1.3.23 Aerial unit hydraulic system shall be run by a Power Take Off (P.T.O.)/pump combination of sufficient size to efficiently operate the aerial unit to the equipment manufacturer's specification. _____
- 1.3.24 Hydraulic tool power shall be provided at the bucket and below unit rotation. Hydraulic flow and pressure at the couplers should be adequate to efficiently drive hydraulic tools such as drills, pruners, and chain saws. _____

- 1.3.25 All hydraulic couplers shall be 1/2 inch drip-less with a flush face. _____
- 1.3.26 A fiberglass articulating and telescopic jib assembly with hydraulic winch, 1/2 inch insulated rope, and material hook to be installed at unit upper boom tip for lifting transformers, etc. _____
- 1.3.27 Hydraulic winch controls are to be installed near unit upper controls. _____
- 1.3.28 A jib and winch capacity chart is to be clearly visible from unit buckets. _____
- 1.3.29 Current di-electric certification records are to be provided with each unit at the time of delivery. _____
- 1.3.30 Aerial unit is to be installed on a cab and chassis of adequate capacity to meet hydraulic equipment manufacturer's standards. _____
- 1.3.31 Aerial unit is to be supplied with a line body compatible with the above cab and chassis. The line body shall include double panel compartment doors, with lockable paddle handle latches. **(NOTE: FLATBED TYPE BODIES ARE NOT ACCEPTABLE.)** _____
- 1.3.32 The body compartmentation may be the manufacturer's standard. _____
- 1.3.33 A "Heavy Duty" pintle hook hitch similar to the Holland T-100A with safety chain eyes shall be installed at the rear of the body with adequate bracing to chassis frame. _____
- 1.3.34 A 6-way trailer socket shall be installed near the pintle hook. _____
- 1.3.35 A trailer brake control kit shall be installed in the chassis cab. _____
- 1.3.36 Aerial unit shall be equipped with a lighting package that meets all Federal and State of Texas requirements. _____
- 1.3.37 An operator's manual shall be provided for each piece of equipment at the time of delivery. _____

1.4 AERIAL TOWER – 90 FEET "INSULATED" ARTICULATING

- 1.4.1 Aerial unit shall be a truck mounted non-over-center articulating type capable of obtaining a ground to bottom of bucket height of 90 feet. This would provide a working height of 95 feet. _____

- 1.4.2 Aerial unit lower boom articulation should be a minimum of 90 degrees from horizontal. _____
- 1.4.3 Aerial unit upper boom articulation should be a minimum of 140 degrees relative to the lower boom. _____
- 1.4.4 Rotation shall be continuous and unrestricted in either direction. _____
- 1.4.5 Aerial unit shall be mounted on the longitudinal centerline of the chassis over, or slightly behind the chassis rear axle. _____
- 1.4.6 Upper and lower booms shall be hydraulically activated. _____
- 1.4.7 Aerial unit shall be equipped with one (1) two-man, end hung fiberglass reinforced plastic bucket with access steps. The bucket shall be equipped and provide for the following features: _____
 - 1.4.7.1 Minimum size of unit bucket shall be 24" x 48" x 42". Minimum bucket capacity shall be 500 lbs. in any boom position._____
 - 1.4.7.2 An insulating bucket liner shall be provided for the bucket._____
 - 1.4.7.3 The fiberglass bucket shall be self-leveling in all boom positions._____
 - 1.4.7.4 Two (2) full body safety harnesses and two (2) lanyards shall be provided with each unit delivered._____
- 1.4.8 Steps, grab handles, etc. shall be provided for safe access to the bucket. _____
- 1.4.9 Controls shall be the single handle type, with a "Dead Man" feature to prevent accidental boom movement. Controls shall return to the closed or neutral position when released, and shall be protected from inadvertent operation by guards or shields. _____
- 1.4.10 Aerial unit shall be equipped with an engine start/stop system operable from the basket. _____
- 1.4.11 Aerial unit shall have provisions for lowering and storing the aerial unit from the bucket, and from the lower control station in case of hydraulic failure (Example: 12V emergency hydraulic system). _____
- 1.4.12 Aerial unit shall have overriding controls to be provided below rotation as per ANSI standards. _____

- 1.4.13 Aerial unit shall be provided with two sets (total of four), hydraulically extended outriggers. One (1) set is to be mounted at the rear near the unit tower, and one set is to be mounted at the front toward the chassis cab. _____
- 1.4.14 Aerial unit and outriggers are to be tied together by use of a full-length sub-frame assembly which is shear plated, and bolted to the chassis frame. _____
- 1.4.15 Outriggers in their stowed position shall provide a minimum 18 inches of ground clearance. _____
- 1.4.16 All hydraulic cylinders shall be equipped with integral holding valves. _____
- 1.4.17 Provision shall be made to prevent the accidental movement of outriggers when the tower is in operation. _____
- 1.4.18 Outrigger control valves shall be installed at the rear of the platform body, one set each side. _____
- 1.4.19 Aerial unit hydraulic system shall be run by a Power Take Off (P.T.O.)/pump combination of sufficient size to efficiently operate the aerial unit to the equipment manufacturer's specification. _____
- 1.4.20 Hydraulic tool power shall be provided at the bucket and below unit rotation. Hydraulic flow and pressure at the couplers should be adequate to efficiently drive hydraulic tools such as drills, pruners, and chain saws. _____
- 1.4.21 All hydraulic couplers shall be 1/2 inch drip-less with a flush face. _____
- 1.4.22 Current di-electric certification records are to be provided with each unit at the time of delivery. _____
- 1.4.23 Aerial unit is to be installed on a cab and chassis of adequate capacity to meet hydraulic equipment manufacturer's standards. _____
- 1.4.24 Aerial unit shall be provided with a standard flatbed, or line body assembly compatible with the aerial device, and the chassis/carrier. _____
- 1.4.25 A "Heavy Duty" pintle hook hitch similar to the Holland T-100A with safety chain eyes shall be installed at the rear of the body with adequate bracing to chassis frame. _____
- 1.4.26 A 6-way trailer socket shall be installed near the pintle hook. _____

- 1.4.27 A trailer brake control kit shall be installed in the chassis cab. _____
- 1.4.28 Aerial unit shall be equipped with a lighting package that meets all Federal and State of Texas requirements. _____
- 1.4.29 An operator's manual shall be provided for each piece of equipment at the time of delivery. _____

2.0 DIGGER DERRICKS

2.1 DIGGER DERRICK - 45 FEET SHEAVE HEIGHT_

- 2.1.1 Derrick unit shall be rated at no less than 22,000 lbs. of lifting capacity with all boom sections retracted, and elevated to their maximum vertical angle. _____
- 2.1.2 Derrick unit shall have a minimum of three (3) hydraulically extended and retracted boom sections providing a minimum load radius of 35 feet with all booms extended at 0 degree. This reach shall be accomplished with the standard extendible booms only, excluding any available jib options. _____
- 2.1.3 Wide flanges designed for handling poles shall be affixed to the end of the second boom section. These flanges shall be transferable to the end of the third section as required. _____
- 2.1.4 "Tilt Type" pole claws shall be provided, and pinned at the end of the second boom section. The pole claws shall be transferable to the end of the third section along with the above pole flanges as required. _____
- 2.1.5 Derrick unit shall have a minimum sheave height of 45feet with all boom sections extended, and elevated to their maximum vertical angle. _____
- 2.1.6 Derrick unit shall minimally be rated for the following lifting capacities at the following radii and/or boom angles. Please provide the rated capacities for the unit being quoted in the spaces provided. (NOTE: THESE LIFTING CAPACITIES PERTAIN TO THE BASE UNIT CLASSIFICATION AND DO NOT TAKE INTO ACCOUNT ANY DEDUCTIONS FOR DIGGER, POLE CLAWS, & ETC.)

Maximum elev.	Booms retracted	22,000 lbs.	_____
	2nd boom ext.	15,000 lbs.	_____
	All booms ext.	12,000 lbs.	_____
10 Feet' radius	Booms retracted	10,500 lbs.	_____
	2nd boom ext.	9,100 lbs.	_____
	All booms ext.	8,500 lbs.	_____
45 Degrees	Booms retracted	8,600 lbs.	_____
	2nd boom ext.	5,300 lbs.	_____
	All booms ext.	4,000 lbs.	_____

0 Degrees	Booms retracted	5,500 lbs.	_____
	2nd boom ext.	3,200 lbs.	_____
	All booms ext.	2,150 lbs.	_____

- 2.1.7 The two (2) lower boom sections shall be of structural steel welded box construction. _____
- 2.1.8 The upper boom section(s) shall be constructed of high strength fiberglass, and the final stage shall be fitted with a material handling head sheave. _____
- 2.1.9 All boom sections shall be hydraulically extended and retracted, and shall ride on lubricated pads or rollers to prevent binding under load. _____
- 2.1.10 Boom elevation shall be accomplished with double acting hydraulic cylinder(s). _____
- 2.1.11 Holding valves shall be installed on all hydraulic cylinders (i.e. lift, boom extension, outriggers, & etc.) to prevent collapse in the event of hydraulic power loss. _____
- 2.1.12 The rotation shall be continuous 360 degrees in either direction. _____
- 2.1.13 Derrick unit shall be mounted on the longitudinal centerline of the chassis over, or slightly behind the chassis rear axle assembly. _____
- 2.1.14 Derrick shall be equipped with two (2) sets (total of four) hydraulically operated outriggers. One set of outriggers shall be mounted between the chassis cab, and the front of the body. The second set shall be mounted to the rear of the unit tower assembly. Both sets of outriggers shall maintain a minimum ground clearance of 18 inches when in the stowed position. _____
- 2.1.15 Individual ground level outrigger controls shall be provided. The outrigger controls shall be positioned in such a way as to allow the operator to see the outrigger throughout its range of motion. _____
- 2.1.16 Outriggers and tower shall be tied together into one unit by means of a welded, box construction sub-frame assembly. The sub-frame shall be attached to the chassis frame utilizing shear plates, and high strength bolts. All torsional loads shall be transmitted to the ground through the sub-frame and outriggers in lieu of through the chassis frame itself. _____
- 2.1.17 A boom rest shall be provided between the chassis cab and the front of the body. _____
- 2.1.18 Derrick unit shall be equipped with boom stow protection to prevent excessive down pressure while storing the unit boom. _____

- 2.1.19 The operator's station shall be located above unit rotation at the turret. The operator's station shall be equipped with a padded vinyl covered seat, and a control console which includes controls for boom rotation, boom elevation, and boom section extension/retraction. The operator's station shall also include, but not be limited to the following:
- a.) A foot operated throttle control _____
 - b.) Individual controls for the hydraulic digger, and winch _____
 - c.) Hydraulic pressure gauge(s) to monitor all circuit pressures _____
 - d.) Load and stability chart _____
 - e.) A boom angle indicator readily visible to the operator _____
 - f.) Engine start/stop switch _____
 - g.) Auger release mechanism _____
- 2.1.20 Derrick unit shall be equipped with "hydraulic overload protection" which stops winch up, boom extension, boom down, and the hydraulic digger when an overload occurs. All functions required to relieve the overload condition shall remain operational.
- 2.1.21 Derrick unit shall be equipped with a minimum 12,000 lbs. bare drum capacity hydraulic winch mounted at the end of the second stage boom assembly. Winch shall be supplied with steel cable including downhaul weight, and hook.
- 2.1.22 A 2-speed hydraulic digger providing a minimum 10,000 lbs. of torque in the low speed shall be provided on the second stage boom assembly. The digger shall also be equipped with the following:
- a.) Planetary gear drive which includes a reversible hydraulic motor. _____
 - b.) Minimum 2 5/8 inch Kelly Bar by approximately 60 inch length. _____
 - c.) Two (2) rock augers, One (1) 12 inch diameter, and One (1) 18 inch diameter. _____
 - d.) Auger storage bracket installed on the unit main boom which includes a self-activated auger catch, an anti-bounce bar, an auger roll up cable, and a safety pin. _____
 - e.) Auger storage protection switch to prevent over tensioning of the storage cable. _____
- 2.1.23 Hydraulic tool power is to be provided below unit rotation. Hydraulic couplers shall be 1/2 inch drip-less with a flush face.
- 2.1.24 One (1) pole puller assembly shall be provided with the unit. The puller shall include a minimum 7 feet of high strength pulling chain, and a base plate.
- 2.1.25 Power shall be provided by a Power Take Off (P.T.O.)/Pump combination.
- 2.1.26 Derrick unit shall be tested and certified to assure adequate stability for a unit of this size and capacity. A copy of the test procedures, and results for the unit as mounted shall be provided upon delivery.

- 2.1.27 Derrick unit shall be equipped with a combination cross-box for tool storage, and flatbed body assembly installed immediately to the rear of the chassis cab.

- 2.1.28 Steps shall be provided for access to the top of the platform body from ground level.

- 2.1.29 Railing shall be provided along the outside edge of the flatbed, on both sides in order to contain materials.

- 2.1.30 Four (4) auxiliary outrigger pads approximately 24"W x 24"L shall be provided to aid in stabilizing the unit in Soft-Soil conditions.

- 2.1.31 A Holland Model #T-100A pintle hook assembly (or approved equal) shall be installed at the rear of the unit with adequate bracing to the chassis frame, and safety chain D-rings.

- 2.1.32 A 6-way trailer connection shall be installed at the rear near the pintle hook.

- 2.1.33 A trailer brake controller installed in the chassis cab, and connected to the 6-way trailer socket.

- 2.1.34 Derrick unit shall be installed on a cab and chassis of adequate capacity to meet hydraulic equipment manufacturer's standards.

- 2.1.35 An operator's manual shall be provided for each piece of equipment at the time of delivery.

**BID SHEET
CITY OF AUSTIN
RENTAL OF AERIAL TOWER DEVICES AND DIGGER DERRICKS**

BID NO. GGU0159

RX NO. RQM-1100-16032100335

DATE: APRIL 26, 2016

BUYER: GABRIEL GUERRERO

Special Instructions: Be advised that exceptions taken to any portion of the solicitations may jeopardize acceptance of the bid.

*****THE QUANTITIES REQUESTED ARE ANNUAL ESTIMATES*****

****PRICING SHALL BE SUBMITTED FOR A MONTHLY RATE, HOWEVER THE RATE SHALL BE PRORATED IF EQUIPMENT IS NOT RENTED FOR A THE WHOLE MONTH****

ITEM	ITEM DESCRIPTION	RATE	ESTIMATED ANNUAL QUANTITIES	EXTENDED PRICE
1	42 Feet "Insulated" Material Handling, Over-Center Articulating Aerial Tower Device as per Specification (Section 0500). Monthly Rate	\$ _____	2	\$ _____
2	55 Feet "Insulated" Material Handling, Over-Center Articulating Aerial Tower Device as per Specification (Section 0500). Monthly Rate	\$ _____	5	\$ _____
3	65 Feet "Insulated" Material Handling, Over-Center Articulating Aerial Tower Device as per Specification (Section 0500). Monthly Rate	\$ _____	7	\$ _____
4	90 Feet "Insulated" Material Handling, Over-Center Articulating Aerial Tower Device as per Specification (Section 0500). Monthly Rate	\$ _____	5	\$ _____
5	45 Feet Sheave Height Digger Derrick as per Specification (Section 0500). Monthly Rate	\$ _____	5	\$ _____
6	Delivery Charge	\$ _____	7	\$ _____
7	Pick Up Charge	\$ _____	7	\$ _____
	Grand Total			\$ _____

COMPANY NAME: _____

PRINTED NAME: _____

EMAIL ADDRESS: _____