

ADDENDUM No. 3

Date February 6, 2013

City of Austin

Project Name North Acres Trail Improvements

C.I.P. No. 5771.025

This Addendum forms a part of Contract and clarifies, corrects or modifies original Bid Documents, dated December 31, 2012. Acknowledge receipt of this addendum in space provided on bid form. Failure to do so may subject bidder to disqualification.

A. Project Manual Revisions:

1. Section 00020, Invitation for Bids: The bid dates and times have been changed as follows:
All Bids Due Prior to (Austin time): 10:30 AM, February 21, 2013
All Compliance Plans Prior to (Austin time): 2:30 PM, February 21, 2013
Bids will be opened at (Austin time): 2:30 PM, February 21, 2013
2. Remove Item Number 00300U, Unit Price Bid Form, and replace with attached.
3. Remove Item Number SP610S, Preservation of Trees and Other Vegetation, and replace with attached.
4. Remove Item Number SS618S, Planting, and replace with attached.
5. Item Number SS13100, Pedestrian Prefabricated Bridge:

Paragraph SS13100.1.B, Qualified Suppliers:

Add the following to the list of pre-approved manufacturers:

Excel Bridge Manufacturing Co.
2001 Shoemaker Avenue
Santa Fe Springs, CA 90670
Jodi Seidl 320-762-1368

Wheeler
9330 James Avenue South
Bloomington, MN 55431
Michael J. Purkey 952-929-7854 ext. 264

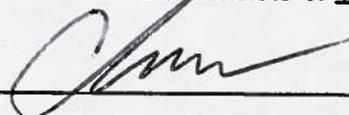
Pioneer Bridges
119 40th Street Northeast
Fort Payne, AL 35967
Darryl Yates 1-866-708-5778 ext. 107

6. Remove Volume 2, DBE Procurement Program Package, and replace with attached.

B. Drawing Revisions:

1. Remove Sheet 3 of 26 and replace with attached.
2. Remove Sheet 8 of 26 and replace with attached.

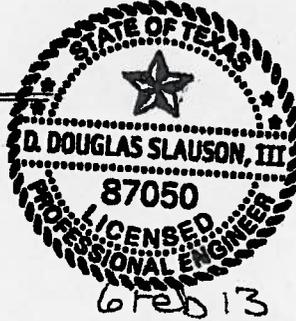
This addendum consists of 80 page(s)/sheet(s).



Approved by OWNER



Approved by ENGINEER/ARCHITECT



END

Bidding Requirements, Contract Forms and Conditions of the Contract
UNIT PRICE BID FORM
Section 00300U

The undersigned, in compliance with the Invitation for Bids for construction of the following Project: North Acres Trail Improvements (CIP ID# 5771.025) (IFB# 6100 CLMC402) for the City of Austin, Texas, having examined the Project Manual, Drawings and Addenda, the site of the proposed Work and being familiar with all of the conditions surrounding construction of the proposed Project, having conducted all inquiries, tests and investigations deemed necessary and proper; hereby proposes to furnish all labor, permits, material, machinery, tools, supplies and equipment, and incidentals, and to perform all Work required for construction of the Project in accordance with the Project Manual, Drawings and Addenda within the time indicated for the following prices of:

Note: The Bidder will enter the line item subtotal in the "Amount" column below, which is the product of the estimated "Quantity" multiplied by the "Unit Price". Any mathematical errors will be corrected for the purpose of determining the correct Amount to be entered in the Bid Form. The Amounts, including any corrected Amounts, will then be totaled to determine the actual amount of the Bid.

Bid Item	Quantity	Unit	Item Description	Unit Price	Amount
101S-B	4.47	STA	Preparing Right-of-Way	\$_____	\$_____
104S-G	1	LS	Remove miscellaneous Concrete P.C.	\$_____	\$_____
130-T	255	CY	Class C (topsoil), Plan Quantity	\$_____	\$_____
132S-A	640	CY	Embankment	\$_____	\$_____
201S	427	SY	Subgrade Preparation	\$_____	\$_____
210S-A	72	CY	Flexible Base	\$_____	\$_____
403S-CY-A	37	CY	Concrete for Structures, Abutments	\$_____	\$_____

Bid Item	Quantity	Unit	Item Description	Unit Price	Amount
403S-CY-C	16	CY	Concrete for Structures, Columns	\$_____	\$_____
420S-A-18	40	LF	Drill Shaft, 18 inch Dia.	\$_____	\$_____
420S-A-24	48	LF	Drill Shaft, 24 inch Dia.	\$_____	\$_____
432S-6	2,775	SF	New P.C. Concrete Sidewalk, 6 Inch Thickness	\$_____	\$_____
432S-PRC-2	204	LF	Pedestrian ADA Railing – Option 1 (Standard 707S-2)	\$_____	\$_____
470S-R	24	LF	Curb Cut for Sidewalk Ramps	\$_____	\$_____
480S-RP-1	2	EA	Curb Ramp with Pavers (Type I)	\$_____	\$_____
508S-H	1	EA	Headwalls, Type CH-FW-0, 18 in. Dia. Pipe	\$_____	\$_____
510-AR18	56	LF	Pipe, 18 in. Dia. RCP CL IV (all depths), including excavation and backfill	\$_____	\$_____
604S-C	1,515	SY	Seeding for erosion control – native seeding, fiber mulch	\$_____	\$_____
609S-F	1	AC	Watering	\$_____	\$_____
610S-A	1050	LF	Protective Fencing Type A Chain Link Fence (Typical Application-high damage potential)	\$_____	\$_____
639S	48	LF	Rock Berm	\$_____	\$_____

Bid Item	Quantity	Unit	Item Description	Unit Price	Amount
640S	540	SF	Mortared Rock Wall	\$_____	\$_____
641S	2	EA	Stabilized Construction Entrance	\$_____	\$_____
642S	635	LF	Silt Fence for Erosion Control	\$_____	\$_____
700S-TM	1	LS	Total Mobilization Payments	\$_____	\$_____
802S-B C.I.P.	2	EA	C.I.P. Project Signs	\$_____	\$_____
803S-MO	2	MO	Barricades, Signs, and Traffic Handling	\$_____	\$_____
824S	2	EA	Traffic Signs	\$_____	\$_____
SP102S-D	4,190	SY	Clearing and Grubbing	\$_____	\$_____
SP111S-C	370	CY	Excavation (Above Finished Sidewalk Surface)	\$_____	\$_____
SP432S-8	480	SF	New P.C. Concrete Sidewalk, 8 Inch Thickness	\$_____	\$_____
SP605S	1,515	SY	Soil Retention Blanket, Type I	\$_____	\$_____
SP610S-PL	6	EA	Tree Protection (Planking Per Tree)	\$_____	\$_____
SP610S-R1	4	EA	Tree Removal, 2"-9" Dia.	\$_____	\$_____
Bid Item	Quantity	Unit	Item Description	Unit Price	Amount

SP610S-R2	2	EA	Tree Removal, 10"-18" Dia.	\$ _____	\$ _____
SS490S-1	2	EA	Removable Bollards	\$ _____	\$ _____
SS618S-3	9	EA	Planting, Tree All Type, 3 to 4 Caliper inches	\$ _____	\$ _____
SS13100S	1	LS	Pedestrian Prefabricated Bridge	\$ _____	\$ _____
SS16350S	1	LS	All Electrical Per Lot	\$ _____	\$ _____

TOTAL BID: \$ _____

In the event of a mathematical error, the correct product, determined by using the "Unit Price" and "Quantity", and the correct sum, determined by totaling the correct line item Amounts, will prevail over the amount entered by the Bidder. The unit prices shown above will be the unit prices used to tabulate the Bid and used in the Contract, if awarded by the City.

Optional Information on Bid Prices Submitted by Computer Printout

In lieu of handwritten unit prices in figures in ink on the Bid forms above, Bidders, at their option, may submit an original computer printout sheet bearing certification by, and signature for, the Bidding firm. The unit prices shown on acceptable printouts will be the unit prices used to tabulate the Bid and used in the Contract if awarded by the City. As a minimum, computer printouts must contain all information and in the format shown on the attached page: "Example of Bid Prices Submitted by Computer Printout" form.

If a computer printout is used, the Bidder must still execute that portion of the unit price Bid form which acknowledges the Bid Guaranty, Time of Completion, Liquidated Damages, and all addenda that may have been issued.

Bids with unit prices by computer printout may be rejected, if:

1. The computer printout does not include the required certification, set forth in the attached "Example".
2. The computer printout is not signed in the name of the firm to whom the Project Manual was issued.
3. The computer printout is non-responsive or otherwise omits required Bid items or includes items not shown on the Bid forms in the Project Manual.
4. The other required Bid documents issued by the City are not fully executed as provided above.
5. The signed Section 00300U is not returned with the signed computer printout.

If the Bid submitted by the Bidder contains both the form furnished by the City, completed according the instructions, and also a computer printout, completed according to the instructions,

unit prices of only one will be considered. In this situation, the unit Bid prices shown on the computer printout will be used to determine the Bid.

BID GUARANTY: A Bid guaranty must be enclosed with this Bid, as required in Section 00020 or Section 00020S, in the amount of not less than five percent (5%) of the total Bid. Following the Bid opening, submitted Bids may not be withdrawn for a period of (90) Calendar Days. Award of Contract will occur within this period, unless mutually agreed between the parties. The Bid guaranty may become the property of the OWNER, or the OWNER may pursue any other action allowed by law, if:

- Bidder withdraws a submitted Bid within the period stated above;
- Bidder fails to submit the required post Bid information within the period specified in Section 00020S or 00100, or any mutually agreed extension of that period;
- or Bidder fails to execute the Contract and furnish the prescribed documentation (bonds, insurance, etc.) needed to complete execution of the Contract within five (5) calendar days after notice of award, or any mutually agreed extension of that period.

GEOTECHNICAL BASELINE ACKNOWLEDGEMENT: The undersigned bidder certifies that he/she has read and understands the Geotechnical Baseline Report (GBR), the Geotechnical Data Report, the Reflection Survey Report, and all other geological and geotechnical information and data as provided in the Contract Documents, including all Addenda. **The Bidder acknowledges and agrees that the GBR represents the contractual statement of the subsurface conditions reasonably anticipated to be encountered during construction. The GBR will be used to evaluate whether subsurface conditions differ materially from those indicated in the GBR.**

TIME OF COMPLETION: The undersigned Bidder agrees to commence work on the date specified in the written "Notice to Proceed" to be issued by the OWNER and to **substantially** complete construction of the improvements, as required by the Project Manual, Drawings and Addenda for the Work within 180 **Calendar Days**. **If a Substantial Completion date has been specified, the Bidder further agrees to reach Final Completion within 30 Working Days after Substantial Completion as required by the Project Manual, Drawings and Addenda for the work.** The Bidder further agrees that should the Bidder fail to **substantially complete the Work or to finally** complete the Work within the number of days indicated in the Bid or as subsequently adjusted, Bidder shall pay the liquidated damages for each consecutive day thereafter as provided below; unless the OWNER elects to pursue any other action allowed by law.

WAIVER OF ATTORNEY FEES: In submitting its bid, in consideration for the waiver of its right to attorney's fees by the OWNER, the Bidder knowingly and intentionally agrees to and shall waive the right to attorney's fees under Section 271.153 of the Texas Local Government Code in any administrative proceeding, alternative dispute resolution proceeding, or litigation arising out of or connected to any Contract awarded pursuant to this solicitation process.

LIQUIDATED DAMAGES: The Bidder understands and agrees that the timely completion of the described Work is of the essence. The Bidder and OWNER further agree that the OWNER's actual damages for delay caused by failure to timely complete the Project are difficult, if not impossible to measure. However, with respect to the additional administrative and consultant costs to be incurred by OWNER, the reasonable estimate of such damages has been calculated and agreed to by OWNER and Bidder. Therefore, the Bidder and the OWNER agree that for each and every **Working Day** the Work or any portion thereof, remains incomplete after the **Substantial Completion** date as established by the above paragraph, "Time of Completion", payment will be due to the Owner in the amount of two hundred fifty dollars (\$250) per **Working Day** as liquidated damages, not as a penalty, but for delay damages to the OWNER. **If both Substantial and Final Completion dates have been specified, the Bidder and the OWNER further agree that for**

each and every Working Day the Work or any portion thereof, remains incomplete after the Final date as established by the above paragraph , "Time of Completion", payment will be due to the OWNER in the amount of two hundred fifty dollars (\$250) per Working Day as liquidated damages, not as a penalty, but for delay damages to the OWNER. Such amount shall be deducted by the OWNER from any Contract payment due. In the event of a default or breach by the CONTRACTOR and demand is made upon the surety to complete the project, in accordance with the Contract Documents, the surety shall be liable for liquidated damages pursuant to the Contract Documents in the same manner as the CONTRACTOR would have been.

OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the Bids).

The undersigned acknowledges receipt of the following addenda:

- Addendum No. 1 dated _____ Received _____
- Addendum No. 2 dated _____ Received _____
- Addendum No. 3 dated _____ Received _____
- Addendum No. 4 dated _____ Received _____
- Addendum No. 5 dated _____ Received _____

Secretary, *if Bidder is a Corporation

Bidder

(Seal)

Authorized Signature

Title

Date

Address

Telephone Number / FAX Number

Email Address for Person Signing Bid

Email Address for Bidder's Primary Contact Person

* Copy of Corporate Resolution and minutes with certificate of officer of Bidder as to authority of signatory to bind Bidder is to be signed and dated no earlier than one week before Bid date, and attached to this document.

EXAMPLE: BID PRICES SUBMITTED BY COMPUTER PRINTOUT

Project Name:
CIP ID #:
IFB #:

Bid Item #	Bid Item Description	Unit	Qty	Unit Bid Price	Total Amount
Total Bid:					

(YOUR FIRM'S NAME) certifies that the unit prices shown on this completed computer printout for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its Bid will be tabulated using these unit prices and no other information from this printout. (YOUR FIRM'S NAME) acknowledges and agrees that the total bid amount shown will be read as its total bid. In the event of a mathematical error, the correct product, determined by using the "Unit Price" and "Quantity", and the correct sum, determined by totaling the correct line item Amounts, will prevail over the amount entered by the Bidder.

Signed: _____

Title: _____

Date: _____

End

**SPECIAL PROVISIONS TO
Standard Item No. 610S (Version 01/04/11)
Preservation of Trees and Other Vegetation**

For this project, **Item No. 610S, Preservation of Trees and Other Vegetation, dated 01/04/11**, of the Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this item are waived or changed hereby.

Article 610S.4 Construction Methods

ADD the following to **(B) Pruning and Repair of Damage:**

All wounds which occur to tree trunks and limbs must be repaired within 5 minutes of occurrence by bark tracing to remove damaged wood and bark and thoroughly sealed with an acceptable tree wound dressing. This specifically applies to wounds created by construction vehicles and equipment.

ADD the following to **(C) Cutting and Filling Around Trees:**

Prior to excavation or grade cutting within tree driplines, make a clean cut between the disturbed and undisturbed root zones with a rock saw or similar equipment to minimize damage to remaining roots. Exhaust diverters shall be installed on all equipment which may operate under the canopies of any tree.

During excavation, if major roots of trees are encountered, the Contractor shall exercise caution and may use hand tools to excavate round tree roots and prune tops as instructed by General Permit Office Arborist. The General Permit Office Arborist shall be contacted a minimum of 72 hours prior to excavation in or adjacent to the critical root zones of any trees.

When installing concrete adjacent to the root zone of a tree use a plastic vapor barrier behind the concrete to prohibit leaching of lime into the root zone.

As a condition of start of the associated construction, and final acceptance of the site, all preserved Class I trees, where work within the tree critical root zone is required and/or as designated by notes on the plans, shall be aerated and provided with supplemental nutrients in accordance with the City of Austin Environmental Criteria Manual Section 3.5.4 Mitigative Measures, and Appendix P-6 and the following guidelines:

The Contractor shall notify the City of Austin Watershed Protection and Development Review Department General Permit Program Arborist at 974-6330, at least 72 hours prior to implementation of these measures to allow for scheduling an onsite observation of the excavation work and other construction activities.

Macro and MicroNutrients are required, Humate/nutrient solutions with mycorrhizae components are required. These solutions are commonly utilized to provide remediation for trees affected by construction. Materials and methods are to be approved by the City General Permit Program Arborist (974-6330) prior

Preservation of Trees and Other Vegetation

to application. The owner or general contractor shall select a fertilization contractor and insure coordination with the City Arborist (Ph. 974-6330).

Treatment is to commence prior to the beginning of construction activities and again after the completion of all construction. Areas to be treated include the entire critical root zone of trees as depicted on the City approved plans. Trees are to be aerated by water injected into the soil (under pressure via a soil probe at 50-125 psi) or by other method as approved by Watershed Protection and Development Review (WPDR). **The Proposed Nutrient Mix Specifications need to be provided to and approved by the City General Permit Office Arborist Prior to application (Fax # 974-3010).** Applicants may also specify soil injection of Doggett X-L Injecto 32-7-7 or equivalent at recommended rates. Construction which will be completed in less than 90 days should use materials at ½ recommended rates. Alternative organic fertilizer materials are acceptable when approved by the City Arborist. Within 7 days after fertilization is performed, the contractor shall provide documentation of the work performed to the City General Permit Office Arborist, Watershed Protection and Development Review Dept. P.O. Box 1088, Austin, TX 78767.

ADD the following to **(E) Tree Removal:**

After tree stump is grubbed out or ground below the surrounding ground, the location shall be treated with an approved herbicide.

To **Section 610S.6 Payment**, add the following:

Pay Item SP610S-PL:	Tree Protection (Planking per tree)	per Each
Pay Item SP610S-R1:	Tree Removal 2"-9" diameter [Removal will only be with expressed written approval of Watershed Protection. All efforts will be made to avoid tree removal. Quantities herein for allowance only]	per Each
Pay Item SP610S-R2:	Tree Removal 10"-18" diameter [Removal will only be with expressed written approval of Watershed Protection. All efforts will be made to avoid tree removal. Quantities herein for allowance only]	per Each
Pay Item SP610S-R3:	Tree Removal >18" diameter [Removal will only be with expressed written approval of Watershed Protection. All efforts will be made to avoid tree removal. Quantities herein for allowance only]	per Each

SS618S.1 Description

This item shall govern the provision of the specified plants and other materials, the initial installation of plants and other materials, the maintenance of plantings, transplanting and any replacement of trees, plants and ground cover which are damaged, diseased or otherwise unhealthy during the warranty period or as directed by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

This specification is applicable for projects or work involving either inch-pound or SI units. Within the text, the inch-pound units are given preference followed by SI units shown within parentheses.

SS618S.2 Submittals

The submittal requirements for this specification item shall include:

- A. A listing of each type of planting (tree, shrubs, plants, etc.), type of stock (containerized, ball and burlapped, bare root, bag grown, etc.), name (common and botanical) and size of planting (root diameter, height and spread);
- B. A request, if necessary, for use by Contractor of collected stock on the site;
- C. Specific information for each pesticide (including herbicide) associated with the listing including:
 - manufacturer,
 - product name,
 - description of chemical composition,
 - handling, storage and mixing requirements
 - application recommendations
 - documentation of licensed applicator(s), and
 - MSDS Sheets
- D. Type, chemical analysis and rate of application of fertilizer
- E. Proposed tree dressing, trunk wrapping and flagging tape;
- F. Type, chemical analysis and rate of application of proposed transpirants
- G. Documentation of irrigator license, if irrigation is required at the site.

SS618S.3 General

A. Plant Standards

Unless shown otherwise on the Drawings, the following published standards will apply. Standards for nursery stock will be as stated in the "American Standard for Nursery Stock", as published by the American Association of Nurserymen, Incorporated. Botanical names as shown on the Drawings will be as stated in the "Standardized Plant Names" as identified by the American Joint Committee on Horticultural Nomenclature or other referenced text including the "Manual of the

Vascula Plants of Texas for Native Flora". Pruning standards will be as established by the National Arborist Association in the "Pruning Standards for Shade Trees".

B. Repair of Damages

All wounds which occur to tree trunks and limbs must be repaired within 2 hours of occurrence by bark tracing to remove damaged wood and bark and thoroughly sealed with an acceptable tree wound dressing. This specifically applies to wounds created by construction vehicles and equipment.

C. Cutting and Filling Around Trees

Prior to excavation of grade cutting within tree driplines, make a clean cut between the disturbed and undisturbed root zones with a rock saw or similar equipment to minimize damage to remaining roots.

During excavations, if major roots of trees are encountered, the Contractor shall exercise caution and may use hand tools to excavate around tree roots and prune tops as instructed by the General Permit Coordinator. The General Permit Office shall be contacted at 974-6330 a minimum of 72 hours prior to excavation around trees.

When installing concrete adjacent to the root zone of a tree, use a plastic vapor barrier behind the concrete to prohibit leaching of lime into the root zone.

D. License Requirements

1. Pesticide.

The Contractor shall be a licensed pesticide applicator or shall employ a licensed pesticide applicator for the treatment of insects, diseases, animals as required by the Texas Pesticide Laws and Regulations of the Texas Department of Agriculture. The Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330) may require documentation of such certification as necessary for his record.

2. Herbicide.

The Contractor shall possess a permit or employ a person who possesses a permit to apply herbicide as required by the Texas Herbicide Law of the Texas Department of Agriculture. The Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330) may require documentation of such certification as necessary for his records.

3. Irrigation.

The Contractor shall possess an irrigator's license issued by the State of Texas and the Texas Board of Irrigators or employ such a licensed irrigator to perform the irrigation system maintenance. The irrigation system shall be maintained under the supervision of the licensed irrigator who shall be available on the site as required by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

The Engineer may require documentation of such license for his records. The Contractor shall verify and adhere to the requirements and codes of any controlling utility authorities.

SS618S.4 Materials

A. Plant Material

Plant material shall be first class grade, true to name and of the size indicated on the Drawings. All plants shall be healthy nursery grown unless otherwise indicated on the Drawings. When the Watershed Protection Department General Permit Office Arborist is furnished sufficient evidence that a specified plant cannot practically be obtained, the Watershed Protection Department General Permit Office Arborist may approve in writing the use of collected native material.

Nursery grown stock, either in containers or in the field, shall be nursery grown in accordance with accepted horticultural practices and under climatic conditions similar to those of the work site for at least twelve (12) months, unless specifically authorized otherwise by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

1. Container plants.

Soil volume for containers shall be three-fourths (3/4) the depth of the container or greater and contain roots of the plants throughout the root ball.

(a) Containerized Stock.

This stock will be defined as nursery plant stock transplanted from a growing site with a ball of soil, containing an intact root system, and placed in a container and grown in that container continuously long enough for the new fibrous roots to have developed so that the root mass retains its shape and holds together after removal from the container. Containerized stock shall have been grown in the delivered containers for at least six (6) months, but not over two (2) years.

(b) Container Grown Stock.

This stock will be defined as nursery plant stock, which has been planted in a container as a liner, seed or by other propagation method, and that:

- (1) has been systematically replanted or stepped up in larger containers as required,
- (2) has developed a root system in a planting medium capable of sustaining acceptable plant growth, and
- (3) has become established in the container and exhibits a well-rooted condition as evidenced by the soil ball remaining intact when removed from its container.

2. Balled and Burlapped Stock.

This stock will be defined as nursery plant stock which has been removed from the growing site with a ball of soil, containing the intact root system, and encased in burlap (or other approved similar material) to hold the soil in place. Ball sizes for balled and burlapped stock shall be as shown on the Drawings.

3. Bare Root Stock.

This stock will be defined as nursery plant stock, which has been removed from the growing site with the root system substantially free of soil. The approved minimum root spread and condition shall be as shown on the Drawings.

4. Collected Stock.

This stock will be defined as nursery plant stock, which has been removed from its original native habitat. All collected stock shall specific approval of the Watershed Protection Department General Permit Office Arborist before it can be removed from its existing habitat. Ball sizes for collected stock shall be as shown on the Drawings and shall have sufficient diameter and depth to encompass enough fibrous and feeding root system as necessary for the full recovery of the plant. Collection may be by hand or mechanical method. For balled and burlapped or mechanical transplanting of collected plant material refer to article 608S.5.

5. Bag Grown Stock.

This stock will be defined as nursery plant stock which has been transplanted into a nonwoven fabric container which has been placed in the ground and the plant grown under nursery field conditions continuously long enough [normally one (1) month for each inch (25 mm) of bag diameter i.e., a plant with a 24 inch (600 mm) diameter bag, grown in its original planted location for 24 months] for the fibrous roots to have developed so that the root mass retains its shape and holds together after removal of the bag. The root ball shall be flat bottomed and straight sided. Ball sizes for bag grown stock shall be as shown on the Drawings. Bag grown stock shall not be pruned before delivery.

6. Other Plant Materials.

Other plant materials shall be as shown on the Drawings.

B. Rejection of Plants.

Plant material having any of the following features will be subject to rejection:

1. Undue or excessive abrasions of the bark.
2. Dried or damaged root system.
3. Dried or damaged top wood of deciduous plants or dried or damaged foliage and top woods of evergreens.
4. Prematurely opened or damaged buds or buds stripped off.
5. Disease or insect infestation, including eggs or larvae.
6. Dry, loose, cracked, broken and/or undersized balls or containers, which do not conform to sizes indicated on the Drawings.
7. Evidence of heating, molding, wind burn, sunscald, freezing, etc.
8. Container plants that are overgrown or root bound.
9. Plants with bench balls (roots repacked with soil).
10. Plant balls encased in non-bio-degradeable plastic or other impervious material.
11. Field grown or collected plants transplanted into containers less than six (6) months or more than two (2) years.
12. Trees that have been damaged, pruned, crooked or multiple leaders, unless multiple leaders are specified or are normal for the species.
13. Plants with disfiguring knots or fresh cuts of limbs over 3/4 inch (20 mm) that have not completely callused.

14. Plants that do not possess a normal balance between height and spread for the species.
15. Plant containers that are not structurally sound (tracked, bent, etc.).
16. Plants in containers less than three-fourths (3/4) planting medium depth;
17. Any endangered or threatened plants; or plants of historical significance that have been collected;
18. Any other physical damage or adverse conditions that would prevent thriving growth or cause an unacceptable appearance; or
19. Plants that do not meet the standards shown on the Drawings.

C. Delivery And Receipt of Plants

Material shall not be delivered to the project until ordered to do so in writing by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). When the delivery order is issued, the Watershed Protection Department General Permit Office Arborist shall be notified of a proposed delivery of plant material at least 48 hours prior to its arrival at the project. The entire plant shall be properly protected from sun and air damage during the time period from initiation of digging until delivery on the project

Each plant material shipment shall be accompanied by an invoice indicating the number, size and name (common and botanical) of each of the kinds of plant material included in the shipment. Each kind of plant in the shipment shall be adequately identified by tags. All plants shall be individually tagged with nursery name tags designating the genus, species and variety of the plant.

No shipment of plant material shall be accepted, planted and/or heeled-in by the Contractor until such material has been inspected and accepted by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). The Contractor shall assist the Watershed Protection Department General Permit Office Arborist in the inspection of material. Any plants rejected shall be immediately removed from the project and replaced.

Unless plants are placed in predug holes and planted as specified herein, they shall be heeled-in and inspected again prior to planting. If delivered to predug planting holes, balled and burlapped plants shall be planted within 1 to 6 hours depending upon the drying effect of the wind and sun. No bare rooted plants shall be placed in predug holes from the delivery truck unless actual planting occurs immediately after removal from its moist packing.

D. Plant Size

Plants will be measured when branches are in their normal position. Height and spread dimensions shown on the Drawings refer to the main body of the plant and not branch tip to tip. Plants with a spreading or semi-spreading habit will be measured by the average diameter of the spread. Plant heights will be measured by the mean height from the ground line to the top of the canopy. Caliper measurements will be taken at a point on the trunk six (6) inches [150 mm] above natural ground for trees up to four (4) inches [100 mm] in caliper and at a point twelve (12) inches [300 mm] above natural ground for trees over four (4) inches [100 mm] in caliper. The caliper size for multi-trunked plants will be determined by adding the calipers of the largest cane and one-half (1/2) the caliper(s) of the second and third largest cane(s).

When a range of size is shown on the Drawings, no plant shall be less than the minimum size and at least 40% of the plants shall be as large as the maximum size shown on the Drawings. The required measurements are the minimum sizes acceptable and are the measurements after pruning, when pruning is required.

Sizes of plants or plant types such as palms, roses, vines, groundcovers, seedlings, bulbs, corms, tubers, young plants, understock, etc., will be measured in accordance with the plant standards or as indicated on the Drawings.

Container-grown plants which are well established in adequate size containers and are of equal quality and size to the specified balled plants may be accepted in lieu of balled plants; likewise, balled plants of equal quality and size may be substituted for container-grown plants when permitted by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). Soil shall be approximately 3/4 depth of container and contain roots of the plant throughout the soil.

The ball size for a balled and burlapped plant shall be firm natural balls equal to or in excess of the ball sizes indicated on the Drawings. Collected plant material substituted for a nursery-grown plant shall have a ball or root system 1/4 greater in both diameter and depth than the nursery-grown plant for which it is substituted. The ball size shall be the average of the diameters measured 90 degrees apart.

E. Mulch

Unless indicated otherwise on the Drawings, mulch material shall consist of loose organic residue derived from plants or other granular material approved by the Watershed Protection Department General Permit Office Arborist. It shall be of such nature that adequate protection is provided against sun baking and quick drying out of the soil and shall not impede aeration or water penetration nor deplete the soil nitrogen. Mulch material shall be free of excess amounts of large leaves and sticks that would prevent proper dressing of the mulched surface, free of harmful substances and free of detrimental amounts of soil or other foreign matter that would promote early compaction, matting or deterioration of the mulch.

F. Peat Moss

Peat Moss shall be of sphagnum origin of commercial quality.

G. Planting Soil Mixture

The planting soil mixture shall consist of a soil mixture of 3/4 fine sandy loam, 1/8 peat moss and 1/8 leaf mold. The sandy loam shall be taken from a well drained, arable site. It shall be free of subsoil, stones, clay, roots, weeds, grass or other objectionable debris, matter or toxic wastes.

H. Water

Water shall be furnished by the Contractor and shall be clean and free of industrial wastes and other substances harmful to the growth of plants and the areas irrigated.

I. Fertilizer

Fertilizer shall be applied uniformly conforming to City of Austin Standard Specification tem No. 606S, "Fertilizer" at the rate indicated.

J. Pesticides including Herbicides

Pesticides including herbicides shall be of the types that are commercially available selected for the species planted or as indicated on the Drawings and shall be applied in accordance with the manufacturer's recommendations upon approval of the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

K. Stakes and Guys

Stakes shall be 2 x 2 x 18 inch (50 x 50 x 450 mm) sound hardwood or treated pine with tapered point and chamfered tops. Guys wires shall be 2 strand 12 ga. (2.7 mm) galvanized steel wire with 1/2 inch (12.5 mm) diameter reinforced plastic or rubber hose trunk bushings and yellow plastic flagging.

L. Bracing

Bracing shall be 2 x 4 inch (50x100 mm) hardwood or metal fence posts, 6 ft. (1.8 meters) in length with guys and bushings.

M. Flagging Tape

Flagging tape shall be highly reflective, visible at night, and approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

N. Trunk Wrapping

Trunk wrapping shall be 4 inch (100 mm) wide commercial trees wrapping paper with asphalt core or the type shown on the Drawings.

O. Anti-transpirants

Anti-transpirants, intended to prevent evaporation, shall be of the types that are commercially available and approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

SS618S.5 Construction Methods

Immediately following delivery and acceptance at the job, all plants shall be planted or heeled-in in properly moistened material. All plants heeled-in shall be properly maintained by the Contractor until planted. The utmost care shall be exercised in handling plants to prevent injuries to the plants. The solidity of the ball or balled and burlapped plants shall be carefully preserved and such plants shall not be handled by the stems.

Plants with exposed roots shall be protected from drying out during the time the plants are removed from the heeling-in bed and until actually planted.

A. Staking of Planting Locations.

All locations of trees, shrubs and beds shall be staked in the field by the Contractor. All locations will be approved by the Watershed Protection Department General Permit Office Arborist prior to any excavation of plant beds or bed preparation. Stakes shall be placed and coded to denote the type of plant material.

B. Excavation of Planting Pits

1. General.

The Contractor shall not excavate plant pits more than 24 hours in advance of planting operations. Any plant pits left unattended for any length of time which may present a hazard shall be covered and/or clearly flagged as approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). The walls and bottoms of all plant pits shall be scarified immediately prior to the placement of plants.

2 Pit Sizes.

Planting holes may be dug by hand or by mechanical means and shall be circular or square (according to the shape of the root ball) with vertical sides, unless otherwise indicated on the Drawings. Trimming of the sides or bottom of the hole to uniform shape will not be required. Planting pit sizes shall be as follows, unless indicated otherwise on the Drawings:

- (a) A minimum horizontal dimension of twelve (12) inches [300 mm] between the root ball and the sides of the planting pit for the following plant specifications:
 - (1) Containers of fifteen (15) gallons or larger [56 liters or larger],
 - (2) Boxes of fourteen (14) inches or larger [350 mm or larger] and
 - (3) Root ball diameter of Balled and burlapped or bag grown plants larger than fourteen (14) inches [350 mm].
- (b) A minimum horizontal dimension of two (2) times the diameter of the root ball for the following plant specifications:
 - (1) Containers less than fifteen (15) gallons [less than 56 liters]
 - (2) Root ball diameter of Balled and burlapped or bag grown plants fourteen (14) inches or less [350 mm or less]
- (c) A minimum diameter for bare-root plants to permit the roots to spread without crowding or curving around the walls of the pit.
- (d) Planting pits shall be excavated to a depth of at least 4 inches (100 mm) but not more than 8 inches (200 mm) greater than the depth of the root ball of balled and burlapped, containerized, container grown or bag grown plants; or the depth of the root system of bare-root plants. Pits dug to excess depths shall be backfilled and compacted to bring the pits to the specified depth. The depth of pits on slopes shall be measured at the lower side.
- (e) When performing mechanical transplanting, the receiving plant pit shall be excavated with the same type of equipment used to remove the plant material or as approved by the Watershed Protection Department General Permit Office Arborist.
- (f) Special sized holes shall be shown on Drawings.
- (g) Where holes are dug with an augur and the sides of the holes become plastered or glazed, this plastered or glazed surface shall be scarified.

C. Planting Season

All planting shall be performed as shown below, indicated on the Drawings or as approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

Planting Stock	Planting dates
Containerized or	None specified

Container grown	
Balled and burlapped	November 15 to March 15
Bare root	January 15 to March 15
Bag grown	September 15 to April 15
Collected	As shown on the Drawings or as approved by the Watershed Protection Department General Permit Office Arborist

D. Backfilling

Topsoil from the planting hole may be used for backfilling provided it is kept separate from subsoil and rendered loose and friable. Additional topsoil required to backfill the holes shall be furnished in the amount directed in Subarticle 608S.4.G, 'Planting Soil Mixture' and from a source approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

E. Pruning Roots

Root pruning shall be limited to the amount necessary to prune away broken and badly damaged roots.

F. Pruning of Tops

Pruning of plants shall conform to the best horticultural practice and shall be appropriate to the various types of plants and the special requirements of each. Deciduous (non-evergreen) shrubs and trees with heavy tops shall have about 1/3 to 1/2 of the top growth removed. Plants otherwise acceptable, but with broken or badly bruised branches, shall have such branches removed with a clean cut. All cut surfaces over 1 inch (25 mm) in diameter shall be painted with an approved tree pruning compound.

G. Planting and Backfilling

In general the top of root ball shall stand after settlement of the backfill approximately level with the finish grade. When shown on the Drawings, fertilizer of the type and quantity specified shall be added on the backfill material prior to backfilling. Unless indicated otherwise on the Drawings or approved otherwise by the Watershed Protection Department General Permit Office Arborist planting and backfilling shall be as follows:

1. Plant Basin

A basin, 8 to 10 inches (200 to 250 mm) deep, shall be formed by constructing a neat levee around the planting pit. The inside measurement of the basin shall be at least the diameter of the growing plant, unless noted otherwise on the Drawings. On slopes the backfill on the lower side shall be graded in such a manner that an adequate basin will be provided.

As shown on the Drawings, either material excavated from the planting pit (excluding any rocks) or Backfill, as specified in Subarticle 608S.5.D may be used to form a basin around the plant. Excess excavated material may be scattered thinly and leveled off provided it is of such consistency and character that it can be readily scattered in an acceptable manner. If scattering of the material may interfere with drainage or mowing, all such material shall be removed and disposed

of as approved by the Watershed Protection Department General Permit Office Arborist.

2. Depth of Transplanting

In general, plants shall be installed and covered with top soil approximately one (1) inch (25 mm) above the top of the root ball or container soil surface.

3. Bare Root Plants

After the backfill in the bottom of the planting pit has been firmed and the plant placed in the proper position, as shown on the Drawings, loose friable backfill (Subarticle 608S.5.D) or planting soil mixture (608S.4.G) shall be worked about the roots and thoroughly settled with water as the backfill is made. Care shall be taken to avoid bruising or breaking the roots. Sticks, sod, clods or other material which may form large air pockets in the soil or backfill shall not be included in the backfill.

4. Balled and Burlapped Plants

Plants of this type shall not be handled by the stems nor in such manner that the soil of the ball may be loosened. A saddle around the ball should be used for lifting. The burlap shall not be removed from the ball. After the backfill in the bottom of the pit has been firmed and the plant placed in the proper position, as shown on the Drawings, loose friable backfill shall be worked about the ball in 12 inch (300 mm) until the pit is two-thirds (2/3) full). The burlap shall then be opened on top of the root ball to expose the top one-third (1/3) of the root ball. The pit shall then be filled with water and the backfilling completed, working the backfill and water well to prevent any air pockets.

For ball supporting devices such as wire baskets, the basket shall not be removed. The plant shall be placed in the prepared planting pit in the proper position and backfill shall be placed around the ball until the pit is about one-third (1/3) full. The basket shall be carefully removed to just above the backfill, leaving the bottom portion intact. Backfilling shall be completed as described above.

5. Containerized or Container Grown Plants

At the time of planting the root ball and plant shall be carefully removed from the container to prevent damage to the plant and root ball. If in the opinion of the Watershed Protection Department General Permit Office Arborist a sufficient amount of soil has fallen off or the ball has been broken to such an extent as to reduce the chances of the plant to grow, the plant will be rejected. Container plants shall be acclimated to outside growing conditions. Container plants shall be placed and backfilled in the same manner as balled and burlapped plants.

6. Bag Grown Plants

Prior to planting, the fabric bag shall be removed by using a knife to cut the side of the bag from top to bottom in three or four places of equidistant around the root ball. The bag shall be carefully peeled down and roots that do not easily peel away from the bag shall be pruned. The plastic bag shall then be pulled from under the root ball. Bag grown plants shall be placed and backfilled in the same manner as balled and burlapped plants.

H. Vegetative Watering

During the planting operations, the Contractor shall keep the ground and backfill material moist to at least 12 inches (300 mm) around the root ball. The Contractor shall be required to meet the minimum watering requirements shown on the Drawings for all circumstances by a method approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). When an irrigation system is shown on the Drawings, the Contractor shall coordinate his work to insure that the irrigation system is operational as the plants are **installed**.

I. Anti-transpirants

When shown on the Drawings, the Contractor shall apply anti-transpirants in accordance with the manufacturer's recommendations and as approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

J. Pruning

Plants shall not be pruned immediately before delivery to the work site, unless shown otherwise on the Drawings or as approved by the Watershed Protection Department General Permit Office Arborist. Common nursery pruning practices are acceptable. Any necessary pruning shall be done at the time of planting as approved by the Watershed Protection Department General Permit Office Arborist and shall be appropriate to the various types of plants and the special requirements of each.

From 20 to 40 percent of all foliage of mechanically transplanted plants shall be removed by pruning interior branching, entangled limbs and small branches. Structural branching shall not be removed prior to planting. Branch tips shall not be removed to attain the above percentage.

K. Plant Supports and Bracing Trees

Plant supports such as staking, guying and bracing shall be as shown on the Drawings or as required by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

Trees shall be staked, guyed or braced for support during the same day as planted. Unless shown otherwise on the Drawings, the plants shall stand approximately vertical after staking, guying or bracing. The Contractor shall be responsible for material remaining approximately vertical and straight for all given conditions and shall repair plant supports as often as required until final acceptance of the work.

All trees 1 1/4 inches (38 mm) and greater in caliper shall be adequately braced immediately after the plants have settled. Unless otherwise indicated on the Drawings, trees 1 1/4 to 2 inches (38 to 50 mm) in diameter shall be braced with 1 brace of sawed lumber, 2 x 2 inches (50 x 50 mm), nominal size, firmly fastened to the tree at a point 5 to 6 feet (1.5 to 1.8 meters) above ground or as directed by the Watershed Protection Department General Permit Office Arborist. Fastening shall not be accomplished by nails, staples, wire or other materials that may damage tree. Braces shall be of sufficient length to provide bracing when firmly driven into the ground. The tree trunk shall be adequately padded with a section of flexible hose at the point of attachment with a figure 8 tie. Trees, that are 2 inches to 4 inches (50 to 100 mm) in diameter, shall be braced with wires at a height of 6 to 8 feet (1.8 to 2.4 meters) above ground. The wires shall be firmly attached to 3 equally spaced concentric stakes that are firmly driven into the ground. The trunk of the tree shall be

adequately and securely padded with rubber at the point of attachment of the wire to prevent damage. Wire shall be number 16 gauge (1.5 mm) galvanized.

Trees larger than 4 inches (100 mm) in diameter shall be braced in accordance with notes on Drawings. The Contractor shall repair braces as often as required until acceptance of the project for "Plant Establishment".

L. Safety Flagging Tape

Staking, guying or bracing, which present a hazard shall be clearly flagged as shown on the Drawings or directed by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

M. Tree Trunk Protection

All trees indicated on the Drawings to be wrapped shall be neatly and securely wrapped with a commercial tree wrapping material approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).. The tree wrapping shall begin at the base of the trunk and extend upward with a 50 percent overlap to the second whorl of branches. The tree wrapping material shall be secured at the top of wrap with soft twine or weatherproof type tape or any suitable method, approved by the Watershed Protection Department General Permit Office Arborist. Wire, metal bands or other material for this purpose that may cause injury or damage to plants shall not be used.

N. Mulching

All plants shall receive mulching to a depth of 2 to 3 inches (50 to 75 mm) within the water basin or across the beds unless indicated otherwise on the Drawings. A small amount of backfill shall be sprinkled on top of organic mulch to hold it in place if directed by the Watershed Protection Department General Permit Office Arborist. If hay is used, the depth shall be 4 inches (100 mm) loose measurement.

O. Plant Material Removal and Replacement

A plant shall be removed and replaced as directed by the Watershed Protection Department General Permit Office Arborist at any time during execution of the work under this Item including the Establishment Period if, in the judgement of the Watershed Protection Department General Permit Office Arborist, a plant is found to be in any of the following conditions:

1. Dead;
2. Dying;
3. Wilted for 48 hours or more; or
4. Any other signs of detrimental consequence.

All replacement plants shall be the same species, size and quality as originally specified. The Contractor shall make every effort to ensure that the replacement material receives any additional care and maintenance required for the replacement plants to become well established. The Engineer will require replacement of plant material until satisfied that all of the plants on the work are in a healthy, vigorous condition.

P. Initial Plant Replacement

The Contractor shall water the plants as often as necessary, cut the weeds and grass around the planted area including the plant basin and bracing, prune the plants, treat

the plants in accordance with approved methods of horticultural practice where insects or disease affect the plants after planting and repair or replace the bracing as may be required or as ordered by the Watershed Protection Department General Permit Office Arborist until the planting project has been accepted for Maintenance/Warranty.

If the Contractor completes the initial planting prior to March 1 for balled and burlapped and bare root plants or April 1 for bag grown plants, he will be required to replant all material found to be missing, damaged or dead during this time. This replanting shall be done between March 1 and March 15 for balled and burlapped and bare root plants, between April 1 and April 15 for bag grown plants or as directed by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

In the event that the planting project is not completed by March 15 for balled and burlapped and bare root plants, or by April 15 for bag grown plants and no further planting is permitted until the following "Planting Season", the partial planting will be cared for as prescribed under Maintenance/Warranty.

SS618S.6 Plant Establishment

The Maintenance/Warranty Period shall commence with the notice of final completion for each work assignment and shall extend for a minimum of one (1) year.

For the work of the Maintenance/Warranty Period, all possible means shall be employed to preserve the plants in a healthy and vigorous growing condition to insure their successful establishment. The Contractor shall perform all of the activities listed below during placement of all the plants. After the completion of the installation, as shown on the Drawings and as approved by the Watershed Protection Department General Permit Office Arborist, the Contractor shall perform the following activities for a period of 1 year:

A. Mulching, Plant Basin and Bed Maintenance

The Contractor shall reshape or reform the existing plant basins and beds as necessary to conform to the Drawings, and as approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). As a part of the plant basin and bed maintenance, weeds and grass shall be removed prior to the application of mulch. Unless otherwise shown the Drawings, the mulch shall be maintained to a minimum depth of 2 to 3 inches (50 to 75 mm).

The Contractor shall maintain the plant basins, beds and site fixtures generally free of weeds and grass or other materials detrimental to the growth of the plants or the appearance of the site. Herbicides, if approved by the Watershed Protection Department General Permit Office Arborist and used by the Contractor, shall be limited to the plant basin and perimeter thereof or around site fixtures as approved by the Watershed Protection Department General Permit Office Arborist. Extreme care shall be taken to insure that the herbicide does not come into contact with any part of the desirable plants. Under no circumstances shall the herbicide be used on days where the wind could cause drift hazard to desirable plants. The Contractor shall also follow the manufacturer's instruction for the use and application of any herbicide.

B. Plant Irrigation

The Contractor shall be required to meet the minimum watering requirements for all circumstances by a method approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330) as stated under Subarticle SS618S.5.H and/or as shown on the Drawings.

Watering equipment other than an existing irrigation system shall have adequate and accurate measuring devices as approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

C. Mowing and Trimming

The Contractor shall mow and trim the areas identified on the Drawings. The work shall be performed at the frequency as shown on the Drawings. The initial cycle shall begin when directed by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). Mowing heights shall be as shown on the Drawings or approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

The Contractor shall use power equipment as approved by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330). Nylon cord trimmers shall not be used inside the plant basins or beds around plant material.

D. Restaking, Reguying and Rebracing of Plants.

Any damaged or destroyed stakes, guys or braces shall be replaced by the Contractor in accordance with the details shown on the Drawings. This shall include any adjustment to the staking or guying to prevent girdling of plants.

E. Pruning

When directed by the Watershed Protection Department General Permit Office Arborist or shown on the Drawings, plants shall be pruned by the Contractor to the satisfaction of the Watershed Protection Department General Permit Office Arborist. Dead or damaged limbs on trees and shrubs, including sucker growth on trunks of trees, shall be removed. All pruning shall be accomplished with tools specifically designed for this purpose. All pruned material shall become the property of the Contractor and shall be disposed of in a manner approved by the Watershed Protection Department General Permit Office Arborist.

F. Insect, Disease and Animal Control

The Contractor shall treat the plants and/or the planted areas in accordance with accepted methods of horticultural practices and the Texas Department of Agriculture guidelines regarding the use of pesticides. The Contractor shall also follow the manufacturer's instructions for the use and application of any pesticides.

G. Litter Pick-Up

Unless shown otherwise on the Drawings, the Contractor shall collect and dispose of all litter within the landscaped areas. The work shall be performed at the frequency shown on the Drawings or as directed by the Watershed Protection Department General Permit Office Arborist (Telephone number 974-6330).

All litter shall become the property of the Contractor and shall be disposed of in a manner acceptable to the Watershed Protection Department General Permit Office Arborist.

H. Fertilization

During the one year Maintenance/Warranty period, the Contractor shall furnish and apply fertilizer only to those plants as shown on the Drawings. The analysis, times and rates of application shall be as shown on the Drawings. The type of fertilizer and method of application shall be as shown on the Drawings or as approved by the Watershed Protection Department General Permit Office Arborist.

I. Plant Removal

In the judgement of the Watershed Protection Department General Permit Office Arborist, any plant that is dead or dying for reasons beyond the control of the Contractor and is not to be replaced shall be removed by the Contractor to the satisfaction of the Watershed Protection Department General Permit Office Arborist. This shall include repair of the plant pit and the surrounding area.

SS618S.7 Acceptability of Plants and Expiration of Maintenance/Warranty Period

Contractor shall notify OWNER in writing, 30 days prior to the expiration of the one-year Maintenance and Warranty period. At the end of this period, prior to the site inspection by the Owner's Representative, the Contractor shall remove all tree stakes and guying from the project. A site inspection will be made by the Owner's Representative to verify that all work and materials are in good and healthy condition. All work and materials that are determined by the Owner's Representative to be unacceptable or dead shall be replaced at the Contractor's expense. A final inspection shall be made within 10 days after the replacement planting is completed.

SS618S.8 Measurement

Work and accepted material as prescribed for this item including Maintenance/Warranty Period will be measured as each plant of the type and size complete and in place.

SS618S.9 Payment

Work performed and accepted material as prescribed by this item, measured as provided under "Measurement", will be paid for at the unit bid price bid for each plant of the type and size specified, complete and in place. The unit bid price shall include full compensation for furnishing all labor, pruning, mowing, insect control, disease control, animal control, watering, fertilizing, herbiciding, litter pickup, maintenance, tools, equipment, materials, supplies and incidentals necessary to complete the work.

Payment will be made under:

- Pay Item No. SS618S-1:** Planting Type ____, Size _____ Per Each.
- Pay Item No. SS618S-2:** Irrigation System Lump Sum
- Pay Item No. SS618S-3:** Planting, Tree Type ____, Size in inches_____ Per Each.

End

SPECIFIC CROSS REFERENCE MATERIALS

City of Austin Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 606S	Fertilizer
Item No. 610S	Preservation of Trees and Other Vegetation

RELATED CROSS REFERENCE MATERIALS

City of Austin Environmental Criteria Manual

<u>Designation</u>	<u>Description</u>
Section 1	Water Quality Management
Section 1.4.4	Vegetative Practices
Section 1.5.0	Vegetation Criteria
Section 1.5.3	Impact Minimization and Restoration Planning
Section 1.5.3.D.6	Discussion-Plant Protection
Section 1.5.3.D.8	Salvaging Trees and Shrubs
Section 1.5.3.D.9	Transplanting Procedure
Section 2	Landscape
Section 2.4.1	Street Yard
Section 2.4 1.D	Street Yard Trees
Section 2.4 6	Irrigation of Landscape Areas
Section 2.4 6.A.1	'Owner responsibility for irrigation
Section 2.7.0	Hill Country Roadway Landscape Criteria
Section 2.7.2	Design Criteria
Section 2.7.2.G	Irrigation
Section 3	Tree and Natural Area Preservation
Section 3.3.2	General Tree Survey Standards
Section 3.3.2.A.1	Diameter
Section 3.5.4.A.6	Mitigation Measures-Enforcement Criteria
Section 3.5.0	Design Criteria
Section 3.5.4	Mitigative Measures
Section 3.5.4.E	Transplanting
Section 5	Construction in Parks
Section 5.3.0	Route Selection
Section 5.3.1	Tree Survey
Appendix K	Arboricultural Practices - Parks
Appendix K, I	Tree Protection
Appendix K, II	Treatment of Minor Wounds or Breakage
Appendix N	Professional Plant List
Appendix O	Site Development Permit-Irrigation Notes
Appendix P-2	Standard Notes for Trees and Natural Area Protection
Figure 1-27	Grasses
Figure 1-33	Rare Plants in the Austin Area

City of Austin Transportation Criteria Manual

<u>Designation</u>	<u>Description</u>
Section 1.4.3	Classification Design Criteria-
Section 6.2.3	Transportation Criteria for Landscaping

City of Austin Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 101S	Preparing Right of Way
Item No. 111S	Excavation
Item No. 601S	Salvaging and Placing Topsoil

Texas Department of Transportation: Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges

<u>Designation</u>	<u>Description</u>
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Item No. 100	Preparing Right of Way
Item No. 110	Excavation
Item No. 160	Furnishing and Placing Topsoil
Item No. 166	Fertilizer
Item No. 168	Vegetative Watering
Item No. 170	Irrigation System
Item No. 192	Roadside Planting and Establishment

CITY OF AUSTIN



DISADVANTAGED BUSINESS ENTERPRISE PROCUREMENT PROGRAM CONSTRUCTION (FAA/NON-FAA)

Project Name: North Acres Trail Improvements

Project/Solicitation Number: CLMC402

Date: February 1, 2013

AUGUST 2009

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DBE GOAL

The City of Austin is a Recipient of Federal Aviation Administration (FAA) and Department of Transportation (DOT) grant funding, therefore it is necessary to follow the requirements of the United States Department of Transportation, as contained in 49 CFR Part 26 and the applicable City of Austin's City Code, Chapter 2-9(A-D), as amended.

The DBE participation goal that applies to this solicitation is as follows: **DBE GOAL – 12.12%**

OVERVIEW

It is the policy of the City of Austin and the United States Department of Transportation (DOT) that Disadvantaged Business Enterprises (DBE), as defined in 49 CFR Part 26, have equal opportunities to participate in the performance of contracts on the City of Austin's Austin-Bergstrom International Airport. The DBE requirements of 49 CFR Part 26 and the applicable City of Austin City Code, Chapter 2-9A, as amended, apply to this solicitation. **All bidders must comply with 49 CFR Part 26 and the applicable City of Austin's Codes, Section 2-9(A-D) and Program Rules to ensure that Disadvantaged Business Enterprises have equal opportunity to compete for and perform on contracts.** The City of Austin and its contractors shall not discriminate on the basis of race, color, national origin, disability or gender in the award and performance of contracts.

Contractors seeking to participate on this project agree to ensure that Disadvantaged Business Enterprises have equal opportunity to participate in the performance of contracts and subcontracts. A firm submitting a bid or proposal on this project is asked to make good faith efforts to meet or exceed the goal for DBE participation.

Prior to the due date and time specified in the City's solicitation documents, all Bidders (including those Firms certified as DBEs) shall submit: (1) an *DBE Compliance Plan* (Appendix A); and (2) if the project goal is not met, all appropriate documentation to demonstrate Good Faith Efforts to meet the project goals. Any questions regarding preparation of the *Compliance Plan* should be directed to SMBR at (512) 974-7600. Such contact will not be a violation of the anti-lobbying ordinance.

Pursuant to Chapter 2-7 (Anti-Lobbying Ordinance), there is a "no-contact" period from the date the City issues a solicitation until the contract is executed. During the "no-contact" period, a person responding to a City solicitation can speak only to the contract's authorized contact person regarding their solicitation response. Chapter 2-7 allows certain exceptions; for instance, a person responding to a City solicitation may speak to SMBR regarding this *Compliance Plan*. See the full language of the Ordinance, City Chapter, or solicitation documents for further details.

If the *Compliance Plan* and Good Faith Efforts documentation are not submitted prior to the due date and time specified in the solicitation documents, the bid will be deemed non-responsive and not be accepted for consideration.

COMPLIANCE PLAN INSTRUCTIONS

(See Appendix A)

SMBR may request written clarification of items listed on the *Compliance Plan*. However, there will be no further opportunity for the Bidder to augment the DBE participation originally listed in the *Compliance Plan* or to demonstrate Good Faith Efforts that were not made prior to the submission of the *Compliance Plan*. Changes to the *Compliance Plan* are permitted only after contract execution and only with prior written approval of SMBR.

Please type or clearly print all information, use “none” or “N/A” where appropriate, and sign and date the *Compliance Plan* as indicated. Please fill in all the blanks and use EXACT numbers. DO NOT USE: “approximate,” “plus or minus (+ -),” “up to,” “to be determined (TBD),” < >, or any other qualifying language.

***Compliance Plans* not complying with *Compliance Plan* Instructions shall be rejected as non-responsive. Submissions not utilizing the forms provided with the solicitation may render the submission nonresponsive or noncompliant.**

Section I Project Identification and Goals

This section includes the pre-printed Project Name, Project/Solicitation Number, and goals. The Bidder does not need to fill in any information under Section I.

Section II Prime Company Information

The Bidder should complete this section with its information and sign in the space provided. The portion of Section II marked as “Reserved for City of Austin SMBR Only” should be left blank.

Section III *Compliance Plan* Summary

This section is a summary of subcontractor participation in this Bid. Bidder should complete Sections IV-VII, described below, before attempting to complete Section III. After completing Sections IV-VII, calculate the percentage of DBE participation for each goal and enter the information in the blanks provided. Because Section III is a summary, if there are any inconsistencies between Sections IV-VII and Section III, the calculations contained in Sections IV-VII will prevail.

Section IV Disclosure of DBE Participation

Please list all certified DBEs subcontractors and the value of the work they will be performing themselves except for subcontractor(s) that will be performing the trucking or hauling scope of work (see Section VII below). Do not include the value of work that the DBE’s subcontractors will be subcontracting to second-level subcontractors. By listing certified DBE Firms on the *Compliance Plan*, the Bidder indicates that both parties acknowledge the price and scope of work and that they are prepared to contract for that price and scope if the City awards the project to the Bidder. Unit price subcontracts are acceptable if appropriate to the type of work being performed. A Letter of Intent (LOI) does not replace a binding contract between a prime contractor and a subcontractor.

Before completing Section IV of the *Compliance Plan*, please read the following instructions regarding how to count DBE participation:

- (A) When a DBE participates in a contract, only the value of the work actually performed by the DBE will be counted towards the goal.
- 1) When a DBE subcontracts part of the work of its contract to another firm, the value of the subcontracted work may be counted toward the DBE goal only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward the DBE goal.
 - 2) The entire amount of that portion of a construction contract that is performed by the DBE's own forces shall be counted, including the cost of supplies and materials obtained by the DBE for the work of the contract, and supplies purchased or equipment leased by the DBE (except supplies and equipment the DBE subcontractor purchases or leases from the prime contractor or its affiliate).
 - 3) The entire amount of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a contract, toward the DBE goal, provided the fee is reasonable and not excessive as compared with fees customarily allowed for similar services shall be counted.
- (B) When a DBE performs as a participant in a joint venture, only the portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work of the contract that the DBE performs with its own forces toward DBE goals shall be counted.
- (C) Only expenditures to a DBE contractor that is performing a commercially useful function shall be counted. In determining whether an DBE contractor is performing a commercially useful function, the following considerations shall be taken into account:
- 1) A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. The determination that a DBE is performing a commercially useful function will be informed by the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing, and other relevant factors.
 - 2) A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.
 - 3) If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own work force, or the DBE subcontracts a greater portion of the work of a

contract than would be expected on the basis of normal industry practice for the type of work involved, it is not performing a commercially useful function.

- 4) When a DBE is presumed not to be performing a commercially useful function as provided in paragraph (C)(3) of this section, the DBE may present evidence to rebut this presumption. SMBR may determine that the firm is performing a commercially useful function given the type of work involved and normal industry practices.

(D) In determining whether a DBE trucking company is performing a commercially useful function, the following criteria shall be considered:

- 1) The DBE must be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and there cannot be a contrived arrangement for the purpose of meeting the DBE goal.
- 2) The DBE must itself own and operate at least one fully licensed, insured, and operational truck used on the contract.
- 3) The DBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.
- 4) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
- 5) The DBE may also lease trucks from a non-DBE firm, including an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement. The DBE does not count for the total value of the transportation services provided by the lessee toward the goal, since these services are not provided by a DBE.
- 6) For purposes of this paragraph (D), a lease must indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

(E) Expenditures with DBEs for materials or supplies shall be counted toward the DBE goal as follows:

- 1) If the materials or supplies are obtained from a DBE manufacturer or regular dealer, 100 percent of the cost of the materials or supplies toward DBE goals shall be counted.
- 2) For purposes of this paragraph (E)(1), a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.

- 3) For purposes of this section, a regular dealer is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business.
 - 4) To be a regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.
 - 5) A person may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by a long-term lease agreement and not on an ad hoc or contract-by-contract basis.
 - 6) Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers.
 - 7) With respect to materials or supplies purchased from a DBE which is neither a manufacturer nor a regular dealer, count the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site, toward the DBE goal if the fees are reasonable and not excessive as compared with fees customarily allowed for similar services. Do not count any portion of the cost of the materials and supplies themselves toward the DBE goal, however.
- (F) If a firm ceases to be a certified DBE during a contract, the dollar value of work performed under a contract with that firm after it has ceased to be certified shall not be counted.
- (G) In determining achievement of DBE goal, the participation of a DBE subcontractor shall not be counted until the amount being counted toward the goal has been paid to the DBE.
- (H) Where the solicitation requires the Bidder/Proposer to submit a base bid and one or more alternates, the City's decision regarding whether the Compliance Plan demonstrates the bidder's achievement of the goal or sufficient good faith efforts will be determined only on the base bid. However, the bidder is encouraged to use DBEs to complete any additional work added through alternates.

Section V Disclosure of Non-Certified Subcontractors

Please list all known non-certified subcontractors to be used in the performance of this contract, except for subcontractor(s) that will be performing the trucking or hauling scope of work (see Section VII below). If Bidder will not use any non-certified Firms, please write "N/A" in the first box on this page.

If additional scopes of work are identified in this section as available for subcontracting beyond those identified in the availability lists provided, Bidder must contact SMBR to request an availability list of certified Firms for those additional scopes of work.

The scopes of work indicated in Section V will be considered subcontracting opportunities for DBEs, unless it is demonstrated that certified DBEs are unavailable or do not possess the requirements in the technical portion of the solicitation to perform the work involved. If Bidder did not meet the project goals, Bidder must explain in the space provided why DBEs were not used as subcontractors. If Bidder did meet the project goals, please write "Goals Met" in the space provided.

Section VI Disclosure of Second-Level Subcontractors

Please complete this section if Bidder knows that one or more of their subcontractors will subcontract part of the work of their contracts to second-level subcontractors. In the last line of each entry box, please write the name of the first-level subcontractor that will be subcontracting work to the second-level subcontractor. The first-level subcontractor should be listed in Section IV or Section V. If Bidder is not aware of any second-level subcontractors, please write "N/A" in the first box on this page.

As discussed in Section IV above, when a DBE subcontractor subcontracts part of the work of its contract to another Firm, the value of that second-level subcontracted work may not be counted toward the goals based on the initial subcontractor's DBE certification. The value of the second-level subcontracted work may be counted toward the project goals only based on the second-level subcontractor's own DBE certification, if any. Work that a DBE subcontracts to a non-certified Firm does not count toward the goals. Work that a DBE subcontractor contracts to another certified Firm shall not be counted twice towards the goal.

Section VII Disclosure of Primary and Alternate Trucking Subcontractors

Please complete this section if the project includes trucking or hauling services as a scope of work. Each time this scope of work is required on the project, Bidder must contact the Firm listed as the primary trucking subcontractor in this section. If the primary trucking subcontractor is not available or cannot perform the entirety of the work at the time required, Bidder may contact the alternate trucking subcontractors in the order that Bidder lists them in this section. Bidder must contact the primary trucking subcontractor at least 24 hours before the work is to be performed. Bidder will not need to submit a Request for Change to use the alternate trucking subcontractors if Bidder contacted the primary trucking subcontractor first and then proceeded to contact the alternates in the order Bidder listed them on this section.

For purposes of meeting the project goals at the *Compliance Plan* stage, the entire value of this scope of work shall be assigned to the primary trucking subcontractor. At contract closeout, DBE participation will be counted based on the actual usage of the primary and alternate trucking subcontractors.

Section VIII DBE *Compliance Plan* Check Sheet

Please complete the DBE *Compliance Plan* Check Sheet with the information requested.

GOOD FAITH EFFORTS INSTRUCTIONS
(See Appendices B and D)

The Bidder has a responsibility to make a portion of the work available to DBE subcontractors so as to facilitate meeting the goals. If the Bidder cannot achieve the goals, documentation of the Bidder's Good Faith Efforts to achieve the goals must be submitted at the same time as the *Compliance Plan*. That there may be some additional costs involved in soliciting and using DBEs is not a sufficient reason for a Bidder's failure to meet the goals, as long as such costs are reasonable. However, a Bidder is not required to accept a higher quote from a subcontractor in order to meet a goal.

Contacting Potential DBE Subcontractors

As part of Good Faith Efforts, Bidders must contact DBE subcontractors for each scope of work where there is a subcontracting opportunity. The availability list found at Appendix D includes information for certified DBE businesses. **The City neither warrants the capacity nor guarantees the performance of any Firm indicated on the availability list.**

The availability list is sorted in numerical sequence by National Institute of Governmental Purchasing (NIGP) Commodity Code. It includes all certified DBE vendors for the scopes of work identified by the City as being potentially applicable to this project. However, the availability list is not a comprehensive identification of all areas of potential subcontracting opportunities. If a Bidder identifies one or more work areas that are appropriate subcontracting opportunities that are not included on the availability list, the Bidder shall contact SMBR to request the availability of DBE Firms in those areas. Requests for supplemental availability lists will be evaluated as a part of the Bidder's Good Faith Efforts to meet the goals.

If Bidder believes any of the work areas on the availability list are not applicable to the project's scope of work or if Bidder believes that the lists are inaccurate, notify the authorized contact person of the concern. All Bidders will be notified in writing of any inaccuracy by addendum to the solicitation. Concerns about a particular DBE's certification status may be addressed to SMBR at (512) 974-7600 or the SMBR Certification Division at (512) 974-7645. If Bidder wants to use a subcontractor that does not appear on this list, Bidder may either request the subcontractor to furnish proof of certification and the specific work areas for which it has been certified or request such information from SMBR.

Appendix B shows the format for collecting required information from the subcontractors on the availability list. The information must be obtained at least five (5) business days prior to the submission of the *Compliance Plan*; alternate formats may be acceptable as long as they gather the same required information. Attached to the Subcontractor Vendor List at Appendix D is a list containing the names and addresses of all the DBE Firms in alphabetical order. This list is in label format and is designed to facilitate the printing of mailing labels.

Good Faith Efforts Review

If the DBE goal is not met, SMBR will examine the *Compliance Plan* and the Good Faith Efforts documentation submitted with the *Compliance Plan* to ensure that the Bidder made Good Faith Efforts to meet the project goals. In determining whether the Bidder has made Good Faith Efforts, SMBR will consider, at a minimum, the Bidder's efforts to do the following:

- A. Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
- B. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
- C. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- D. (1). Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and/or suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and/or suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

(2). A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
- E. Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal.
- F. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance.

- G. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- H. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.
- I. In determining whether a bidder has made good faith efforts, the City of Austin may take into account the performance of other bidders in meeting the contract. For example, when the apparent successful bidder fails to meet the contract goal, but others meet it, the City of Austin may reasonably raise the question of whether, with additional reasonable efforts, the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other bidders, the City of Austin may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made good faith efforts.

Bidders may reject DBEs as unqualified only following thorough investigation of their capabilities. The DBE's membership or lack of membership in specific groups, organizations, or associations, and political or social affiliations (for example union or non-union employee status), are not legitimate causes for the rejection or non-solicitation of bids/proposals in the Bidder's efforts to meet the project goals.

At a minimum, the following should be submitted to support Good Faith Effort documentation (documentation is not limited to this list):

- Fax logs and copies of documents sent.
- Copies of written correspondence to certified firms (include names, addresses, and other identifying information).
- Phone logs with responses (*Phone contacts, alone, will not be sufficient.*).
- Lists and copies of letters sent by mail, hand delivered, or e-mailed.

The following additional Good Faith Efforts factors may also be considered

- Advertising in local newspapers.
- Copies of all bids received in response to Bidder contacting other Firms.
- Other communications regarding contacts with trade associations and Chambers of Commerce.

POST-AWARD INSTRUCTIONS

(See Appendix C)

Letter of Intent

The low Bidder according to the Certified Bid Tab is required to submit a signed and notarized Letter of Intent (LOI) from each subcontractor that is identified in the *Compliance Plan* within three (3) business days after receipt of a written request by the City. The LOIs must be in the format shown on the sample at Appendix C and must contain all information included in the sample. LOIs are required for all levels of subcontracting, and a separate LOI for each subcontractor is required. The amount and scope of work indicated on each LOI shall be the actual amount indicated on the *Compliance Plan* submitted with the bid and approved by the City.

Changes to the *Compliance Plan* including substitution of subcontractors are permitted only after contract execution and only with prior written approval of SMBR. Request for changes to the *Compliance Plan* must be submitted on the *Request for Change of Compliance Plan Form* for all levels of subcontracting. LOIs must be submitted for all additions of Subcontractors to the *Compliance Plan* prior to the start of work.

Post-Award Monitoring

The City will monitor post-award compliance information regarding the use of certified DBE Firm(s) listed on the *Compliance Plan*. The contractor will be required to submit post award reports detailing the utilization of all subcontractors. The reports and other information regarding post-award compliance will be discussed with the successful Bidder. The following information on Payment Verification, Change Order/Contract Amendments, and Progressive Sanctions provides an overview of some of the post-award monitoring process.

- **Payment Verification**

Bidders are advised that the contract resulting from this solicitation includes a subcontractor payments clause. This clause requires all subcontractors to be paid within ten (10) calendar days from the date that the prime contractor has been paid by the City for invoices submitted by subcontractors.

The prime contractor shall submit a *Subcontractor/Supplier Awards and Expenditures Report* to the project manager and/or contract administrator at the time specified by the managing department. The report shall be in the format required by the City and shall include all awards and payments to subcontractors for goods and services provided under the contract during the previous month. This report may be used by the City to verify utilization of and payment to DBEs.

The prime contractor and/or any subcontractor whose subcontracts are being counted toward the DBE requirements shall allow the City access to records relating to the contract, including but not limited to, subcontracts, payroll records, tax information, and accounting records, for the purpose of determining whether the DBEs are performing the scheduled subcontract work.

In determining achievement of DBE goals, the participation of a DBE subcontractor shall not be counted until the amount being counted toward the goal has been paid.

▪ **Change Order/Contract Amendments**

The goals on this contract shall also apply to change orders that require work beyond the scope(s) of trades originally required to accomplish the project. The contractor is required to make Good Faith Efforts to obtain DBE participation for additional scopes of work.

Change orders that do not alter the type of trades originally required to accomplish the project may be undertaken using the subcontractors already under contract to the prime contractor. Project managers will have automatic SMBR approval to authorize any change order that **increases** the contract amount for an **existing** certified subcontractor and is **within** the existing scope being performed by that subcontractor.

▪ **Progressive Sanctions**

The successful Bidder's *Compliance Plan* will be incorporated into the resulting contract with the City. As described in Section 16.5 of the 00700 General Conditions to the Contract, progressive sanctions may be imposed for failure to comply with Chapter 2-9(A-D) of the City Code, including:

- Providing false or misleading information to the owner in connection with the submission of a Bid, in responses to requests for qualifications or proposals, in Good Faith Efforts documentation, in post award compliance, or in other Program operations;
- Substituting Subcontractors without first receiving approval for such substitutions, which may include the addition of an unapproved Subcontractor and failure to use a Subcontractor listed in the approved *Compliance Plan*; and
- Failure to comply with the approved *Compliance Plan* without an approved Request for Change, an approved Change Order, or other approved change to the Contract.

Please refer to Section 2-9A-25 of the City Code and SMBR Rule 11.5 for additional information.

IFB – DBE COMPLIANCE PLAN

All sections (I-VIII) must be completed and submitted prior to the due date in the solicitation documents

Section I — Project Identification and Goals

Project Name	Repave Presidential Blvd. Pavement Rehab and Resurfacing
Solicitation Number	CLMC367

Project Goals	
DBE	11.42%

Section II — Prime Company Information

Name of Company	
Address	
City, State Zip	
Phone	
Fax	
Name of Contact Person	
Is prime company City certified?	Yes <input type="checkbox"/> No <input type="checkbox"/> DBE <input type="checkbox"/> DBE/Joint Venture <input type="checkbox"/>

I certify that the information included in this Compliance Plan is true and complete to the best of my knowledge and belief. I further understand and agree that this Compliance Plan shall become a part of my contract with the City of Austin.

Name and Title of Authorized Representative

Signature

Date

For SMBR Use Only:

I have reviewed this compliance plan and found that the Bidder **HAS** or **HAS NOT** complied as per the City Code Chapter 2-9A.

Reviewing Counselor _____

Date _____

Director/Assistant Director _____

Date _____

Section III — Compliance Plan Summary

Note:

- Fill in all the blanks.
- For project participation numbers use an EXACT number. DO NOT USE: approximate, plus or minus (+ -), up to, to be determined (TBD), < >, or any other qualifying language.
- Compliance plans not complying with these requirements shall be rejected as non-responsive.

Total Base Bid (if applicable): \$ _____

Goals: Proposed Participation		
DBE's	\$	%
Non-Certified		

Bidder's own participation in base bid (less any amount subcontracted):

Amount: \$ _____ Percentage: _____%

Is the stated DBE goal of the solicitation met? (If no, attach documentation of Good Faith Efforts)

Yes No

For SMBR Use Only:

Verified Goals:

DBE _____ %

Section IV — Disclosure of DBE Participation
Duplicate As Needed

Note:

- Fill in all the blanks.
- For project participation numbers use an EXACT number. DO NOT USE: approximate, plus or minus (+ -), up to, to be determined (TBD), < >, or any other qualifying language.
- Compliance plans not complying with these requirements shall be rejected as non-responsive.

Name of DBE Certified Firm	
City of Austin Certified	DBE <input type="checkbox"/> Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Subcontract	\$ _____ %
Commodity codes/describe services	

Name of DBE Certified Firm	
City of Austin Certified	DBE <input type="checkbox"/> Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Subcontract	\$ _____ %
Commodity codes/describe services	

Name of DBE Certified Firm	
City of Austin Certified	DBE <input type="checkbox"/> Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Subcontract	\$ _____ %
Commodity codes/describe services	

Name of DBE Certified Firm	
City of Austin Certified	DBE <input type="checkbox"/> Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Subcontract	\$ _____ %
Commodity codes/describe services	

Section V — Disclosure of Non-Certified Subcontractors
Duplicate As Needed

- Note:**
- Fill in all the blanks.
 - For project participation numbers use an EXACT number. DO NOT USE: approximate, plus or minus (+ -), up to, to be determined (TBD), < >, or any other qualifying language.
 - Compliance plans not complying with these requirements shall be rejected as non-responsive.

Will non-certified subcontractors/suppliers be used? Yes No

Subcontractor		
Vendor Code		
Address/ City / State / Zip		
Contact Person	Phone #:	
Amount of Subcontract	\$	%
Commodity codes/describe services		
Reason MBE/WBE not used		

Subcontractor		
Vendor Code		
Address/ City / State / Zip		
Contact Person	Phone #:	
Amount of Subcontract	\$	%
Commodity codes/describe services		
Reason MBE/WBE not used		

Subcontractor		
Vendor Code		
Address/ City / State / Zip		
Contact Person	Phone #:	
Amount of Subcontract	\$	%
Commodity codes/describe services		
Reason MBE/WBE not used		

Subcontractor		
Vendor Code		
Address/ City / State / Zip		
Contact Person	Phone #:	
Amount of Subcontract	\$	%
Commodity codes/describe services		
Reason MBE/WBE not used		

Section VI Disclosure of Second-Level Subcontractors

Duplicate as Needed

Note:

- Fill in all the blanks.
- For project participation numbers use an EXACT number. DO NOT USE: approximate, plus or minus (+ -), up to, to be determined (TBD), < >, or any other qualifying language.
- Compliance plans not complying with these requirements shall be rejected as non-responsive.

Second-Level Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Second-Level Subcontract	\$ %
Commodity codes/describe services	
First-Level Subcontractor	

Second-Level Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Second-Level Subcontract	\$ %
Commodity codes/describe services	
First-Level Subcontractor	

Second-Level Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Second-Level Subcontract	\$ %
Commodity codes/describe services	
First-Level Subcontractor	

Second-Level Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Second-Level Subcontract	\$ %
Commodity codes/describe services	
First-Level Subcontractor	

Section VII Disclosure of Primary and Alternate Trucking Subcontractors

Duplicate as Needed

Note:

- Fill in all the blanks.
- For project participation numbers use an EXACT number. DO NOT USE: approximate, plus or minus (+ -), up to, to be determined (TBD), < >, or any other qualifying language.
- *Compliance Plans* not complying with these requirements shall be rejected as non-responsive

Primary Trucking Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:
Amount of Subcontract	\$ _____ %
Commodity codes/describe services	

Alternate Trucking Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:

Alternate Trucking Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:

Alternate Trucking Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:

Alternate Trucking Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:

Alternate Trucking Subcontractor	
City of Austin Certified?	DBE <input type="checkbox"/> NON <input type="checkbox"/> Ethnic/Gender Code:
Vendor Code	
Address/ City / State / Zip	
Contact Person	Phone #:

SECTION VIII — DBE *COMPLIANCE PLAN* CHECK LIST

The DBE *Compliance Plan* must be completed and submitted by the time specified in the solicitation documents. If the goals were not achieved, Good Faith Efforts documentation must be submitted with the DBE *Compliance Plan*. All questions in Section VIII MUST be completed and submitted with the *Compliance Plan* if goals are not met.

1. Were written notices sent to all DBEs from the availability list at least five (5) business days prior to the submission of this *Compliance Plan*?

Yes No

2. Is documentation of those written notices attached?

Yes No

3. Is written documentation of efforts to reach agreements with the DBEs who responded affirmatively to the Bidder's written notice attached?

Yes No

4. Is documentation of other efforts to meet the goals attached?

Yes No

5. Were additional elements of work identified to achieve the goals?

Yes No

If yes, please explain: _____

6. Was SMBR or any other Minority or Women organization contacted for assistance?

Yes No

If yes, complete following:

Organization: _____

Contact Person: _____

Date of Contact: _____

LETTER TO POTENTIAL SUBCONTRACTORS

_____ is soliciting Minority and Women-Owned Business Enterprise participation for the following City of Austin project. Plans are available at the Austin area plan rooms, our office, and the locations listed in the Invitation for Bids.

Name of Project: _____

Project/Solicitation Number: _____

Location of Pre-bid Conference (if any): _____

Bid Date and Time: _____

This Project Includes the Following Scopes of Service:

- Asbestos Abatement
- Carpentry
- Carpeting
- Concrete
- Demolition Services
- Doors and Frames
- Drilling
- Drywall
- Electrical
- Excavation Services
- Fabricated Steel
- Flooring
- Glazing Services
- Hardware
- Heavy Construction Equipment
- Other _____
- HVAC
- Insulation
- Lab and Field Testing Services
- Landscaping
- Masonry
- Millwork
- Painting
- Paving and Resurfacing
- Plumbing
- Roofing
- Stone
- Tile
- Weather and Waterproofing
- Welding
- Windows
- Other _____

Contact our office for detailed information on the scopes of work being subcontracted and the relevant terms and conditions of the contract.

Please contact: _____ at _____ or _____
(Name) (Telephone) (Fax)

All bids MUST be received by: _____

LETTER OF INTENT

Name of Prime Contractor: _____

Address: _____
Street City State Zip Code

Telephone: (____)_____ Fax: (____)_____ Proposed Contract Amount: \$ _____

Project/Solicitation Number: _____

Project Name: _____

Type of Agreement (check one): Lump Sum Unit Price Commodity

Period of Performance: _____

Level of Subcontracting (check one): 1st 2nd 3rd

Name of Subcontractor: _____

Address: _____
Street City State Zip Code

Telephone: (____)_____ Fax: (____)_____ Proposed Subcontract Amount: \$ _____

Commodity Code and description of work to be performed by Subcontractor Firm:

The Prime Contractor and the Subcontractor listed above agree that the Prime Contractor has provided the Subcontractor with a copy of the City's prevailing wage requirements.

Prime Contractor:

Subcontractor:

Name of Firm

Name of Firm

Signature

Signature

Print Name

Print Name

Title

Title

Date

Date

STATE OF _____

STATE OF _____

COUNTY OF _____

COUNTY OF _____

SUBSCRIBED AND SWORN TO before me on the _____ day of _____, 20____.

SUBSCRIBED AND SWORN TO before me on the _____ day of _____, 20____.

Notary Public

Notary Public

vendor	street_address1	street_address2
3t Federal Solutions Llc	6013 Techni Center Drive	Ste B
5m Rope & Supply, Llc	2505 Max Road	
91 Flying G. Trucking Llc	15351 E Hwy 90	
A-1 American Fence Inc	701 E Lutcher Dr	
Abacus Environment Inc	3440 Fordham Rd	
Abc Erosion Control Inc	Po Box 2257	
American Boring Unlimited	2408 Hill St	
Austex Tree Service Inc	Po Box 6089	
Austin Concrete Solutions Inc	8641 Old Bee Caves Rd	
Austin Constructors Llc	7907 S Fm 973	
Austin Lumber Co Inc	2415 E 5th St	
Austin Underground Inc	Po Box 5650	
Avery Lee Williamson	2002 Savannah Ct	
Aws Inc	4402 South Congress	Suite 203
Allied Electric Services, Inc.	79 Eastview Drive	Suite 103
Bg Technologies	2301 Denton Dr Ste A	
Bonifacio Reyes Rangel	2108 E 16th St	
C Garcia Trucking	12730 Laws Rd	
Capital Architectural Signs	Capital Architectural Signs, Inc.	Po Box 81782
Cd Trucking Inc	8000 Margo Cove	
Ceda-Tex Svcs Inc	1703 Dungan Lane	
Central Road And Utility Ltd	8760 A Research Blvd #192	
Central Texas Barricade Inc	Po Box 1088	
Cge Inc	4408 Hwy. 183 S.	
Chaparral Ceiling & Wall Co	Po Box 6476	
Cms 2 Trucking Inc	Po Box 141423	
Comanche Xpress Llc	Po Box 144402	
Conroe Wood Products Inc	804 West Dallas Ste #1	
Countryside Nursery &	Landscape Inc	13292 Pond Springs Rd
Cvi Development, Llc.	1801 Lavaca 2-J	
Cable Design, Inc.	Po Box 8071	
Carl Lee Elder	14307 Varrelman	
Chivas Engineering And Consulting, Inc	9901 Brodie Ln	Suite 160-246
Christine Lisa Merrigan	1115 Antelope Ridge	
Cody Builders Supply, Inc.	12002 N Lamar Blvd	
David Dela Cerda	2302 Southwood Hills Dr	
Desa P. Hinds	3543 North Us Hwy 281	
Design Welding & Fabrication,	3300 Fm 1660	
Double Sv Construction Inc	5500 Alomar Cv	
Dps Group, Llc	2660 Zelda Rd	
Dsb Electric L L C	14 Coach House Rd	
David Allen Thompson	7300 Bucknell Dr	
Easy Drive Stake Inc	4111 Todd Lane	Suite H

Ebc Construction, Llc	14831 Bois D Arc Lane	Unit 4
Environmental Survey Inc	Consulting	4602 Placid Pl
Eduardo Zuniga, Jr.	10232 English Oak Drive	
Edward Riojas Guerra	1718 East 38th Street	
Environmental Safety Services Inc.	829 Latteridge Drive	
Esteban Carbajal Figueroa	13328 Alysheba Dr	
Excellence Beyond Technology Construction, Inc.	200 Tradesmen Park Drive	
Facilities Rehabilitation Inc	716 N Main #1	
Fayez S Kazi	411 W Saint Elmo Rd Unit #1	
Felipe Cueva Arias	2801 Wells Branch Pkwy # 1136	
Fuquay Inc	Po Box 10327	
Garcia J Contractors Inc	10005 Fm 1625	
Gerald Nunn Electric Llc	410 N Patterson Ave	
Gibson Concrete L L C	4613 Priem Lane	
Green Constructor Group Llc	12011 Sandeen Rd	
Government Interior Solutions, Llc	P.O. Box 160416	
Green Brothers Sustainable Solutions, Llc	5350 Burnet Rd #427	
H&H Foradory Construction Inc	9220 Burklund Farms Road	
Henriquez Commercial Contractors Inc	13715 Maye Pl	
Hico Handrail Llc	P.O. Box 74	
Hogan Murray Inc	Po Box 103	
I D Guerra L P	9810 Fm 969	
Interstate Concrete & Steel Services Inc	902 Rolling Rock	
J A Road Boring	1000 Dacy Ln	
J Harper Construction Company Inc	Po Box 6350	
J S Electric Inc	4702 Fm 1327	
Jag Trucking Inc	800 Private Rd 917	
Jm Engineering, Llc	1314 Hillridge Drive	
Jo Luis Corp (The)	215 E Avenue D	
Johnson Hauling	5512 E M L King Blvd	
Juan Deanda Trucking Llc	5101 Hwy 21	
Juan Lopez	250 Blackbird Ln	
Jose Antonio Pimentel	19 Lovegrass Ln	
Jose Luis Cervantes	2110 Ponciana Loop	
Josephine Escobar	115 Todd Trail	
Kamo Energy Inc	1201 Universal City Blvd	
Klp Commercial, L.L.C.	400 W. Main Street, Suite 100	
Lavon Yarbrough	9209 Northgate Blvd Ste 200	
Leal Bros Trucking Inc	Po Box 142908	
Lillie'S Trucking Inc	1110 Radam Cir	
Lindley Pond Llc	171 Wren Rd	
Lnv Inc	1101 Capital Of Tx Hwy S	Suite C220

Lobo Excavation, Inc.	303 E Powell Lane	
M & M Trucking	10811 San Jose Ave	
Marie'S Trucking	2314 Wagon Crossing Path	
Mario Franco	8212 Belclaire Ln	
Mark Felder & Myra Felder	11815 Johnny Weismuller Ln	
Mej Utility Construction Llc	313 Green Pastures Dr	
Melendrez Trucking Llc	11608 Moore Rd	
Mendez Excavation M B E	2101 S lh 35	Ste 202
Mercury Electric Co Inc	Po Box 587	
Metalink Corp	9201 S Hwy 183	
Mg Limon Corporation	124 Juarez Cv	
Mtr Services	Po Box 891	
Muniz Concrete & Contracting Inc	Po Box 6596	
Myers Concrete Construction Lp	Po Box 2928	
O & J Foundation And Concrete Inc	7929 S Fm 973	
Otis Guthrie	2705 Vallarta Ln Ste B	
P D Morrison Enterprises Inc	1120 Toro Grande Blvd. Bldg 2#208	
P E K Inc	Po Box 340	
Panther Creek Transportation Inc	Po Box 2715	
Peabody General Contractors	Inc	Po Box 3
Piatra Inc	Po Box 9593	
Power Quality Engineering Inc	3061 Woodall Dr Bldg A	
Premium Cuts Lawn Service &	Maint Inc	P O Box 82108
Patriot Veterans Construction & Consulting Firm, Llc	20800 Huckabee Bend	
R K Bass Electric Inc	1200 E Fm 2410	
Rami Materials Transport Llc	7719 Mcangus Rd	
Rbr Trucking Inc	1126 Welch Way	
River City Rolloffs Inc	Po Box 142028	
Roadway Specialties Inc	Po Box 90309	
Royal Vista Inc	350 County Rd 260	
Ralph Anthony Wright	1716 Meander Dr	
Robert E Ashford	8521 Steamline Circle	
Rodney Eugene Lee	121 Sycamore St	
Safety Supply Inc	11827 Tech Com #114	
Sam Kellough Trucking	2314 Wagon Crossing Path	
Sar Transportation, L.L.C.	1101 Jarvis Road	
Sign Resource Management Inc	3613 Williams Dr Ste 802	
Simply Klean	Po Box 200522	
Standard Cement Materials Inc	5710 W 34th St Ste A	
Salvador Hernandez	114 Meadow Crest	
Sandy Michelle Martinez	P.O. Box 342742	
System Controls & Instrumentation Ltd	11218 lh 10 E	
Tag Electric Of Austin L P	1404 Central Commerce Cir	

Ted'S Trees Ltd	1118 Tillery St
Tei-Tech Construction Inc	7801 N Lamar Blvd D95
Terra Ecoservices L L C	11006 Swelfling Terrace
Texas Trucking Co Inc	3900 Shell Rd
Thomas Dukes	9905 Fm 973 North
Tony Parent Enterprises	13350 Old Kimbro Rd, Bldg A
Top Rock	Po Box 2577
Travis Paving & Excavating Inc	1190 Fm 969
Triad Building Maintenance	Po Box 140631
Trini Construction Builder Llc	Po Box 81431
Tunnels & Shafts Construction Contractors Inc	9322 Bertwood St
The Dlp Group, Inc.	1801 County Road 26
Unism Development Co Inc	Po Box 14145
Vaquero Commercial, Inc.	15000a Ranch Road 620 North
Vg Electric Contracting, Llc	11901 Blue Creek Drive
Victor Gonzales Jr	335 Green Valley Dr
Viking Fence Co Ltd	9602 Gray Blvd
Woolery Custom Fence Co	190 Monkey Rd
Yarrow Landscaping And Lawn Care	2105 Maple Ave
Zeta Group Inc	Po Box 40157

city	state	zip
Austin	Tx	78721
Pearland	Tx	77581
Kingsbury	Tx	78638
Orange	Tx	77632
Dallas	Tx	75216-4827
Leander	Tx	78646
Bastrop	Tx	78602-1506
Round Rock	Tx	78683-6086
Austin	Tx	78735
Austin	Tx	78719
Austin	Tx	78702-4637
Lago Vista	Tx	78645-5650
Round Rock	Tx	78681
Austin	Tx	78745
Georgetown	Tx	78626
Austin	Tx	78758-4527
Austin	Tx	78702
Buda	Tx	78610-9695
Austin	Tx	78708-1782
Buda	Tx	78610
Austin	Tx	78754
Austin	Tx	78758
Bastrop	Tx	78602-1088
Austin	Tx	78702-
Austin	Tx	78762-6476
Austin	Tx	78714-1423
Austin	Tx	78714
Conroe	Tx	77301-2208
Austin	Tx	78729-7105
Austin	Tx	78701
Wilmette	Il	60091
Austin	Tx	78725
Austin	Tx	78748
Cedar Park	Tx	78613
Austin	Tx	78753
Taylor	Tx	76574
Burnet	Tx	78611
Hutto	Tx	78634-3103
Del Valle	Tx	78617-3408
Montgomery	Al	36107
Austin	Tx	78737-9315
Austin	Tx	78723
Austin	Tx	78744

Manor	Tx	78653
Austin	Tx	78731-5515
Austin	Tx	78748
Austin	Tx	78722
Austin	Tx	78748
Del Valle	Tx	78617
Hutto	Tx	78634
Taylor	Tx	76574
Austin	Tx	78745
Austin	Tx	78728
Austin	Tx	78766-0327
Austin	Tx	78747
Florence	Tx	76527
Pflugerville	Tx	78660
Coupland	Tx	78615
Austin	Tx	78716
Austin	Tx	78756
Del Valle	Tx	78617-5328
Austin	Tx	78728-7731
Hico	Tx	76457
Buda	Tx	78610-0103
Austin	Tx	78724
San Antonio	Tx	78245-1265
Kyle	Tx	78640-5143
Austin	Tx	78762
Buda	Tx	78610
Georgetown	Tx	78626
Round Rock	Tx	78665
Killeen	Tx	76541-5238
Austin	Tx	78721-1628
Maxwell	Tx	78656
Buda	Tx	78610
Austin	Tx	78745
Austin	Tx	78744
Elgin	Tx	78621
Universal City	Tx	78148-3352
Round Rock	Tx	78664
Austin	Tx	78758
Austin	Tx	78714-2908
Austin	Tx	78745-3018
Johnson City	Tx	78636
Austin	Tx	78746

Austin	Tx	78753
Del Valle	Tx	78617-5903
Austin	Tx	78744-4330
Austin	Tx	78748
Austin	Tx	78748
Kyle	Tx	78640
Austin	Tx	78719-9652
Austin	Tx	78741
Liberty Hill	Tx	78642-0587
Austin	Tx	78747-2058
Del Valle	Tx	78617
Manor	Tx	78653
Austin	Tx	78762
Wimberley	Tx	78676-2928
Austin	Tx	78719-9730
Austin	Tx	78733-1065
Cedar Park	Tx	78613-6973
Weir	Tx	78674-0340
Georgetown	Tx	78627
Dripping Springs	Tx	78620-0003
Austin	Tx	78766-9593
Cedar Park	Tx	78613-7225
Austin	Tx	78708-2108
Pflugerville	Tx	78660
Harker Heights	Tx	76548-6897
Del Valle	Tx	78617
Cedar Park	Tx	78613
Austin	Tx	78714-2028
Austin	Tx	78709-0309
Liberty Hill	Tx	78642-6202
Austin	Tx	78721
Austin	Tx	78745
Luling	Tx	78648
San Antonio	Tx	78233
Austin	Tx	78744-4330
Saginaw	Tx	76179-5612
Georgetown	Tx	78628-1374
Austin	Tx	78727
Houston	Tx	77092-6520
New Braunfels	Tx	78130
Austin	Tx	78734
Converse	Tx	78109
Pflugerville	Tx	78660-2029

Austin	Tx	78702-3034
Austin	Tx	78752
Austin	Tx	78737-3501
Georgetown	Tx	78628-9249
Manor	Tx	78653
Manor	Tx	78653
Round Rock	Tx	78680-2577
Bastrop	Tx	78602
Austin	Tx	78714-0631
Austin	Tx	78708
Houston	Tx	77016-4732

Corpus Christi	Tx	78415
Austin	Tx	78761-4145
Austin	Tx	78717
Aledo	Tx	76008
Bastrop	Tx	78602
Austin	Tx	78758-5492
Elgin	Tx	78621-5585
Austin	Tx	78722
Austin	Tx	78704-0003

City of Austin Subcontract Vendor List - VCRCVS

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
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Vendors Within the SLBP Area

15034 Handrails, All Types

VS0000035647 KLP Commercial, L.L.C. 400 W. Main Street, Suite 100 Round Rock Tx 78664	3105310566 5122554032 np@klpcommercial.com	MWDB	F/Native American	SL
MET7046770 METALINK CORP 9201 S Hwy 183 Austin Tx 78747-2058	512-243-2900 512-243-2907 devin@metalinktx.com	MWDB	F/Asian	AU
HUR7051205 P D MORRISON ENTERPRISES INC 1120 Toro Grande Blvd. Bldg 2#208 Cedar Park Tx 78613-6973	512-335-7173 512-219-0901 mro@pdme.com	MB	M/African American	AU
VS0000006907 TRINI CONSTRUCTION BUILDER LLC Po Box 81431 Austin Tx 78708	512-282-2262 512-535-7962 info@triniconstructionbuilder.com	MDB	M/African American	AU

33055 Fencing, Temporary (For Construction and Other Ind

AUS7162615 AUSTIN LUMBER CO INC 2415 E 5th St Austin Tx 78702-4637	512-476-5534 512-476-8337 AUSTINLUMBER@AUSTIN.RR.COM	WDB	F/Caucasian	AU
FUQ1950250 FUQUAY INC Po Box 10327 Austin Tx 78766-0327	512-260-9899 512-260-9009 CFUQUAY@AUSTIN.RR.COM	WDB	F/Caucasian	AU
MET7046770 METALINK CORP 9201 S Hwy 183 Austin Tx 78747-2058	512-243-2900 512-243-2907 devin@metalinktx.com	MWDB	F/Asian	AU
ALL8314335 TONY PARENT ENTERPRISES 13350 Old Kimbro Rd, Bldg A Manor Tx 78653	512-255-5416 512-255-7096 estimating@alliedfence1950.com	MB	M/Hispanic	AU
VS0000006907 TRINI CONSTRUCTION BUILDER LLC Po Box 81431 Austin Tx 78708	512-282-2262 512-535-7962 info@triniconstructionbuilder.com	MDB	M/African American	AU
VIK4998250 VIKING FENCE CO LTD 9602 Gray Blvd Austin Tx 78758-5492	512-837-6411 402 512-837-9468 VIKING@VIKINGFENCE.COM	MDB	M/Hispanic	AU

**City of Austin
Subcontract Vendor List - VCRCVS**

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
	WOO7143440 WOOLERY CUSTOM FENCE CO 190 Monkey Rd Elgin Tx 78621-5585	512-281-2186 512-233-5396 bids@wooleryfence.com	WDB	F/Caucasian	SL
5507818 BARRICADES, TRAFFIC, PORTABLE					
	CEN7157640 CENTRAL TEXAS BARRICADE INC Po Box 1088 Bastrop Tx 78602-1088	512-581-9555 512-303-9977 centraltexasbarricades@msn.com	MWB	F/Hispanic	SL
	EAS7169470 EASY DRIVE STAKE INC Suite H Austin Tx 78744	512-447-9879 512-916-8099 WRODRIGUEZ@EASYDRIVE.NET	MDB	M/Hispanic	AU
57068 Steel, Fabricated: Beams, Gabions, Gratings, Walkw					
	VS0000028230 CVI Development, LLC. 1801 Lavaca 2-J Austin Tx 78701	512-944-0280 512-597-2767 KarlDaniels.mac@me.com	MDB	M/African American	AU
	V00000904636 Cody Builders Supply, Inc. 12002 N Lamar Blvd Austin Tx 78753	5123399834 5123390165 metals@codybuilderssupply.com	WDB	F/Caucasian	AU
	DES8304882 DESIGN WELDING & FABRICATION, 3300 Fm 1660 Hutto Tx 78634-3103	512-759-1452 512-759-1348 sherryl@designwelding.com	WDB	F/Caucasian	SL
	MET7046770 METALINK CORP 9201 S Hwy 183 Austin Tx 78747-2058	512-243-2900 512-243-2907 devin@metalinktx.com	MWDB	F/Asian	AU
7902040 GRASS SEED, MIXTURE					
	VS0000012711 Environmental Safety Services Inc. 829 Latteridge Drive Austin Tx 78748	512-402-4984 512-443-7138 Enviross@hotmail.com	MDB	M/Hispanic	AU

80198 SIGNS, CONSTRUCTION PROJECT IDENTIFICATION SIGNS (

**City of Austin
Subcontract Vendor List - VCRCVS**

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
	INT7100120 CAPITAL ARCHITECTURAL SIGNS Po Box 81782 Austin Tx 78708-1782	512-490-0049 101 512-490-0050 mike@casaustin.com	WB	F/Caucasian	AU
	SIG8303771 SIGN RESOURCE MANAGEMENT INC 3613 Williams Dr Ste 802 Georgetown Tx 78628-1374	512-863-9929 512-863-9939 MKOONS@SIGNRESOURCEMGMT.COM	WB	F/Caucasian	SL
91027 Garbage/Trash Removal and Disposal					
	VS0000036144 Jose Antonio Pimentel 19 Lovegrass Ln Austin Tx 78745	512-796-3162 josepimentel67@gmail.com	MDB	M/Hispanic	AU
	VS0000036831 LAVON YARBROUGH 9209 Northgate Blvd Ste 200 Austin Tx 78758	512-762-4349 lavonyarbrough@yahoo.com	MDB	M/African American	AU
	GUT8313039 OTIS GUTHRIE 2705 Vallarta Ln Ste B Austin Tx 78733-1065	512-263-1151 512-402-9039 guthrieroofing@aol.com	MDB	M/African American	AU
	RIV8316644 RIVER CITY ROLLOFFS INC Po Box 142028 Austin Tx 78714-2028	512-832-8300 512-453-5524 karen@rivercityrolloffs.com	WDB	F/Caucasian	AU
	VS0000019303 SIMPLY KLEAN Po Box 200522 Austin Tx 78727	800-991-0971 800-991-0971 mario@simplyklean.org	MDB	M/African American	AU
	TRI8306297 TRIAD BUILDING MAINTENANCE Po Box 140631 Austin Tx 78714-0631	512-385-1189 512-385-0317 a.neely@triadsvcs.com	MDB	M/African American	AU
91244 Excavation Services					
	AME8312492 AMERICAN BORING UNLIMITED 2408 Hill St Bastrop Tx 78602-1506	512-563-6365 512-303-3920 AMERICANBORING@SBCGLOBAL.NET	NC	M/African American	SL
	AUS8316686 AUSTIN CONCRETE SOLUTIONS INC 8641 Old Bee Caves Rd Austin Tx 78735	512-301-1385 512-301-1764 rich@ausconcrete.com	MDB	M/Hispanic	AU

**City of Austin
Subcontract Vendor List - VCRCVS**

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
	VS0000017696 AUSTIN CONSTRUCTORS LLC 7907 S Fm 973 Austin Tx 78719	512-386-8690 512-386-8695 jguzman687@aol.com	MDB	M/Hispanic	AU
	AUS8321418 AUSTIN UNDERGROUND INC Po Box 5650 Lago Vista Tx 78645-5650	512-535-3285 512-535-3286 rick@austin-underground.COM	MDB	M/Hispanic	SL
	CEN8321007 CENTRAL ROAD AND UTILITY LTD 8760 A Research Blvd #192 Austin Tx 78758	512-989-2602 512-989-2698 RMARTINEZ@ROADANDUTILITY.COM	MDB	M/Hispanic	AU
	VS0000028230 CVI Development, LLC. 1801 Lavaca 2-J Austin Tx 78701	512-944-0280 512-597-2767 KarlDaniels.mac@me.com	MDB	M/African American	AU
	V00000906584 DAVID DELA CERDA 2302 Southwood Hills Dr Taylor Tx 76574	5124960864 1 5123651231 delalagunacerda@yahoo.com	MB	M/Hispanic	SL
	VS0000005666 EBC Construction, LLC 14831 Bois D Arc Lane Unit 4 Manor Tx 78653	5122789000 512-278-9133 mari@ebcconstruction.com	MWDB	F/Hispanic	AU
	VS0000012711 Environmental Safety Services Inc. 829 Latteridge Drive Austin Tx 78748	512-402-4984 512-443-7138 Enviross@hotmail.com	MDB	M/Hispanic	AU
	FUQ1950250 FUQUAY INC Po Box 10327 Austin Tx 78766-0327	512-260-9899 512-260-9009 CFUQUAY@AUSTIN.RR.COM	WDB	F/Caucasian	AU
	VS0000023419 GREEN CONSTRUCTOR GROUP LLC 12011 Sandeen Rd Couppland Tx 78615	5125655134 8885451302 info@greenconstructor.com	WB	F/Caucasian	SL
	HHL7086095 H&H FORADORY CONSTRUCTION INC 9220 Burklund Farms Road Del Valle Tx 78617-5328	512-243-2378 512-243-1518 HENRYB@AUSTIN.RR.COM	MDB	M/Hispanic	AU
	IDG8308831 I D GUERRA L P 9810 Fm 969 Austin Tx 78724	512-454-4450 512-454-0077 ART@IDGUERRA.COM	MDB	M/Hispanic	AU

**City of Austin
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C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
	JHA8309189 J HARPER CONSTRUCTION COMPANY INC Po Box 6350 Austin Tx 78762	512-472-8817 512-985-6727	MB	M/African American	AU
	LEY8304176 LNV INC Suite C220 Austin Tx 78746	512-381-8333 512-381-8334 ssmith@lvinc.com	MDB	M/Hispanic	AU
	V00000905304 Lobo Excavation, Inc. 303 E Powell Lane Austin Tx 78753	5126890106 5126879189 ranferi10@gmail.com	MB	M/Hispanic	AU
	UNL8306949 MARK FELDER & MYRA FELDER 11815 Johnny Weismuller Ln Austin Tx 78748	512-902-6857 512-398-5958 UNLIMITEDHD@HOTMAIL.COM	NC	F/African American	AU
	V00000906281 MEJ UTILITY CONSTRUCTION LLC 313 Green Pastures Dr Kyle Tx 78640	5123129524 5123124469 cindymejia@mejutility.com	MB	M/Hispanic	SL
	MEN7067545 MENDEZ EXCAVATION M B E Ste 202 Austin Tx 78741	512-804-5335 512-804-5342 jmexcavation@aol.com	MDB	M/Hispanic	AU
	MUN7143465 MUNIZ CONCRETE & CONTRACTING INC Po Box 6596 Austin Tx 78762	512-385-2334 512-389-1446 rudy@munizcontracting.com	MDB	M/Hispanic	AU
	MYE8321732 MYERS CONCRETE CONSTRUCTION LP Po Box 2928 Wimberley Tx 78676-2928	512-847-8000 512-847-3831 MARCI@MYERSCONCRETE.COM	WB	F/Caucasian	SL
	ROA7009475 ROADWAY SPECIALTIES INC Po Box 90309 Austin Tx 78709-0309	512-280-6666 512-280-6066 stthomas@roadwayspecialties.com	WDB	F/Caucasian	AU
	ROY7135410 ROYAL VISTA INC 350 County Rd 260 Liberty Hill Tx 78642-6202	512-515-6824 512-515-6829 maydale@royalvistainc.com	WDB	F/Caucasian	SL
	V00000902521 Rodney Eugene Lee 121 Sycamore St Luling Tx 78648	5129457087 rodneylee6810@yahoo.com	MDB	M/African American	SL

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	VC0000101184 TRAVIS PAVING & EXCAVATING INC 1190 Fm 969 Bastrop Tx 78602	512-303-9988 512-303-9977 TRAVISPAE@AOL.COM	MWDB	F/Hispanic	SL
	VS0000006907 TRINI CONSTRUCTION BUILDER LLC Po Box 81431 Austin Tx 78708	512-282-2262 512-535-7962 info@triniconstructionbuilder.com	MDB	M/African American	AU
9131329 CAISSON SHAFTS (furnish, transport, place)					
	GIB8314791 GIBSON CONCRETE L L C 4613 Priem Lane Pflugerville Tx 78660	512-251-4636 512-251-7986 misty@gibson-concrete.com	MWDB	F/Hispanic	AU
	LEY8304176 LNV INC Suite C220 Austin Tx 78746	512-381-8333 512-381-8334 ssmith@lvinc.com	MDB	M/Hispanic	AU
9134768 SIDEWALK, PORTLAND CEMENT CONCRETE.					
	VS0000017696 AUSTIN CONSTRUCTORS LLC 7907 S Fm 973 Austin Tx 78719	512-386-8690 512-386-8695 jguzman687@aol.com	MDB	M/Hispanic	AU
	AUS8321418 AUSTIN UNDERGROUND INC Po Box 5650 Lago Vista Tx 78645-5650	512-535-3285 512-535-3286 rick@austin-underground.COM	MDB	M/Hispanic	SL
	CED7142775 CEDA-TEX SVCS INC 1703 Dungan Lane Austin Tx 78754	512-918-1368 512-335-1995 CEDATEX98@YAHOO.COM	MB	M/African American	AU
	CHA1096750 CHAPARRAL CEILING & WALL CO Po Box 6476 Austin Tx 78762-6476	512-929-3030 512-926-5650	MDB	M/Hispanic	AU
	V00000906584 DAVID DELA CERDA 2302 Southwood Hills Dr Taylor Tx 76574	5124960864 1 5123651231 delalagunacerda@yahoo.com	MB	M/Hispanic	SL
	DES8312935 DESA P. HINDS 3543 North Us Hwy 281 Burnet Tx 78611	512-755-0198 512-756-1569 desa_hinds26@yahoo.com	WDB	F/Caucasian	LO

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VS0000005666 EBC Construction, LLC 14831 Bois D Arc Lane Unit 4 Manor Tx 78653		5122789000 512-278-9133 mari@ebcconstruction.com	MWDB	F/Hispanic	AU
FAC8317993 FACILITIES REHABILITATION INC 716 N Main #1 Taylor Tx 76574		512-352-6035 512-352-6036 annette@facrehab.com	MB	M/Hispanic	SL
VC0000102911 FAYEZ S KAZI 411 W Saint Elmo Rd Unit #1 Austin Tx 78745		512-761-6161 15129850207 fayez@civilitude.com	MDB	M/Asian	AU
VC0000102940 GARCIA J CONTRACTORS INC 10005 Fm 1625 Austin Tx 78747		512-965-4274 JGARCIA7627@AUSTIN.RR.COM	MDB	M/Hispanic	AU
GIB8314791 GIBSON CONCRETE L L C 4613 Priem Lane Pflugerville Tx 78660		512-251-4636 512-251-7986 misty@gibson-concrete.com	MWDB	F/Hispanic	AU
HEN7152090 HENRIQUEZ COMMERCIAL CONTRACTORS INC 13715 Maye Pl Austin Tx 78728-7731		512-251-8108 512-251-8447	MDB	M/Hispanic	AU
LEY8304176 LNV INC Suite C220 Austin Tx 78746		512-381-8333 512-381-8334 ssmith@lvinc.com	MDB	M/Hispanic	AU
MUN7143465 MUNIZ CONCRETE & CONTRACTING INC Po Box 6596 Austin Tx 78762		512-385-2334 512-389-1446 rudy@munizcontracting.com	MDB	M/Hispanic	AU
MYE8321732 MYERS CONCRETE CONSTRUCTION LP Po Box 2928 Wimberley Tx 78676-2928		512-847-8000 512-847-3831 MARCI@MYERSCONCRETE.COM	WB	F/Caucasian	SL
VS0000027977 O & J Foundation And Concrete Inc 7929 S Fm 973 Austin Tx 78719-9730		512-844-2285 512-2432897 octaviolopez@live.com	MB	M/Hispanic	AU
PEA7124270 PEABODY GENERAL CONTRACTORS Po Box 3 Dripping Springs Tx 78620-0003		800-443-7457 512-858-4132 shelley@peabodygeneral.com	WB	F/Caucasian	SL

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	PIA8322157 PIATRA INC Po Box 9593 Austin Tx 78766-9593	512-299-0404 -- INFO@PIATRAINC.COM	WDB	F/Caucasian	AU
	ETM1783000 THOMAS DUKES 9905 Fm 973 North Manor Tx 78653	512-272-4551 512-272-4546 ETMASONRY@EARTHLINK.NET	MDB	M/African American	AU
	VS0000006907 TRINI CONSTRUCTION BUILDER LLC Po Box 81431 Austin Tx 78708	512-282-2262 512-535-7962 info@triniconstructionbuilder.com	MDB	M/African American	AU
	UNI7027985 UNISM DEVELOPMENT CO INC Po Box 14145 Austin Tx 78761-4145	512-255-3726 512-255-1451 unism@sbcglobal.net	MB	M/African American	AU
	ZET7161210 ZETA GROUP INC Po Box 40157 Austin Tx 78704-0003	512-928-9382 512-928-9383 luis@zetagroupinc.com	MDB	M/Hispanic	AU
91438 Electrical					
	V00000900787 3T Federal Solutions LLC Ste B Austin Tx 78721	8887386723 1 8887892444 sales@3tfederal.com	MDB	M/Asian	AU
	ADV8309626 AWS INC Suite 203 Austin Tx 78745	512-233-4638 512-441-9473 MHUERTA@AWSOLUTIONS.NET	MDB	M/Hispanic	AU
	VS0000027122 Allied Electric Services, Inc. 79 Eastview Drive Suite 103 Georgetown Tx 78626	512-930-0767 512-868-1250 paige@alliedelectric.us	WDB	F/Caucasian	SL
	BGT8304107 BG TECHNOLOGIES 2301 Denton Dr Ste A Austin Tx 78758-4527	512-336-2299 512-336-3811 BETH@BG-TECHNOLOGIES.COM	NC	F/Caucasian	AU
	VS0000004131 Chivas Engineering and Consulting, Inc 9901 Brodie Ln Suite 160-246 Austin Tx 78748	5122170853 5124020545 vasant@chivascorp.com	MWDB	F/Asian	AU
	VS0000007788 Christine Lisa Merrigan 1115 Antelope Ridge Cedar Park Tx 78613	512-944-3217 512-592-7988 cmerrigan01@yahoo.com	WDB	F/Caucasian	AU

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	DSB8305564 DSB ELECTRIC L L C 14 Coach House Rd Austin Tx 78737-9315	512-301-8601 512-301-8336 DSBELECTRIC@AUSTIN.RR.COM	WDB	F/Caucasian	SL
	VS0000024612 David Allen Thompson 7300 Bucknell Dr Austin Tx 78723	512-512-9717260 512-933-9456 datelect@sbc.global	MDB	M/African American	AU
	V00000901746 Edward Riojas Guerra 1718 East 38th Street Austin Tx 78722	5124771629 5124829432 airportac@yahoo.com	MB	M/Hispanic	AU
	VS0000038143 Excellence Beyond Technology Construction, Inc. 200 Tradesmen Park Drive Hutto Tx 78634	512-310-1200 512-310-1219 ehouse@ebtconstruction.com	MB	M/African American	SL
	VC0000102053 GERALD NUNN ELECTRIC LLC 410 N Patterson Ave Florence Tx 76527	254-793-3539 254-793-4263 Gerald@gnellctx.com	MDB	M/Native American	SL
	VS0000023419 GREEN CONSTRUCTOR GROUP LLC 12011 Sandeen Rd Coupland Tx 78615	5125655134 8885451302 info@greenconstructor.com	WB	F/Caucasian	SL
	VS0000026397 Government Interior Solutions, LLC P.O. Box 160416 Austin Tx 78716	5127613375 5018013743 nick@pdngroup.com	MDB	M/Native American	AU
	JSE8303419 J S ELECTRIC INC 4702 Fm 1327 Buda Tx 78610	512-243-2700 512-243-2702 bschmidt@jselectric.com	WB	F/Caucasian	SL
	V00000904278 Josephine Escobar 115 Todd Trail Elgin Tx 78621	5123034536 5123036877 jotimjon@yahoo.com	MWB	F/Hispanic	SL
	MER7159380 MERCURY ELECTRIC CO INC Po Box 587 Liberty Hill Tx 78642-0587	512-515-5557 512-515-5054 flymercelec@sbcglobal.net	WB	F/Caucasian	SL
	POW8300999 POWER QUALITY ENGINEERING INC 3061 Woodall Dr Bldg A Cedar Park Tx 78613-7225	512-267-6656 512-267-0989 vbloom@pqeinc.com	MWB	F/Hispanic	AU

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	VS0000026883 Patriot Veterans Construction & Consulting Firm, LLC 20800 Huckabee Bend Pflugerville Tx 78660	5129281483 info@patriotveterans.com	DB	M/African American	AU
	TAG8302958 TAG ELECTRIC OF AUSTIN L P 1404 Central Commerce Cir Pflugerville Tx 78660-2029	512-251-6700 512-251-6119	MB	M/Hispanic	AU
	VS0000017354 TEI-TECH CONSTRUCTION INC 7801 N Lamar Blvd D95 Austin Tx 78752	512-459-4800 512-459-4802 teisc@sbcglobal.net	MB	M/Asian	AU
	VS0000006907 TRINI CONSTRUCTION BUILDER LLC Po Box 81431 Austin Tx 78708	512-282-2262 512-535-7962 info@triniconstructionbuilder.com	MDB	M/African American	AU
96239 Hauling Services					
	RAN8308638 BONIFACIO REYES RANGEL 2108 E 16th St Austin Tx 78702	5122760038 512-469-0597 mr.rangel@sbcglobal.net	MB	M/Hispanic	AU
	CGA8319026 C GARCIA TRUCKING 12730 Laws Rd Buda Tx 78610-9695	512-801-8945 512-243-3571 texasboring@yahoo.com	MDB	M/Hispanic	SL
	VC0000101644 CD TRUCKING INC 8000 Margo Cove Buda Tx 78610	512-243-1000 512-243-1204 CDTRUCKINGINC01@YAHOO.COM	DB	M/Hispanic	SL
	VC0000102282 CMS 2 TRUCKING INC Po Box 141423 Austin Tx 78714-1423	512-431-1351 LHAULER@YAHOO.COM	MDB	M/African American	AU
	VC0000103459 COMANCHE XPRESS LLC Po Box 144402 Austin Tx 78714	512-771-2692 512-904-0022 COMANCHEXPRESS@AUSTIN.RR.COM	DB	M/African American	AU
	VS0000004974 Carl Lee Elder 14307 Varrelman Austin Tx 78725	512-656-8193 512-330-4101	MDB	M/African American	AU
	DOU8314208 DOUBLE SV CONSTRUCTION INC 5500 Alomar Cv Del Valle Tx 78617-3408	512-247-8445 512-247-9025 SALL@AUSTIN.RR.COM	MB	M/Hispanic	AU

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	VS000005666 EBC Construction, LLC 14831 Bois D Arc Lane Unit 4 Manor Tx 78653	5122789000 512-278-9133 mari@ebcconstruction.com	MWDB	F/Hispanic	AU
	V00000902872 Eduardo Zuniga, Jr. 10232 English Oak Drive Austin Tx 78748	5129393787 trucking@power-hauling.com	MDB	M/Hispanic	AU
	VS0000033435 Esteban Carbajal Figueroa 13328 Alysheba Dr Del Valle Tx 78617	512-507-3113 zoila@ebcconstruction.com	MB	M/Hispanic	AU
	CUE7087645 FELIPE CUEVA ARIAS 2801 Wells Branch Pkwy # 1136 Austin Tx 78728	512-825-6079 512-579-0499 ABC0164CUEVAS@LIVE.COM	MB	M/Hispanic	AU
	VC0000102940 GARCIA J CONTRACTORS INC 10005 Fm 1625 Austin Tx 78747	512-965-4274 JGARCIA7627@AUSTIN.RR.COM	MDB	M/Hispanic	AU
	HHL7086095 H&H FORADORY CONSTRUCTION INC 9220 Burklund Farms Road Del Valle Tx 78617-5328	512-243-2378 512-243-1518 HENRYB@AUSTIN.RR.COM	MDB	M/Hispanic	AU
	JAR8315720 J A ROAD BORING 1000 Dacy Ln Kyle Tx 78640-5143	5122684312 512-268-0974 jaroadboring@yahoo.com	MB	M/Hispanic	SL
	JHA8309189 J HARPER CONSTRUCTION COMPANY INC Po Box 6350 Austin Tx 78762	512-472-8817 512-985-6727	MB	M/African American	AU
	JAG8307217 JAG TRUCKING INC 800 Private Rd 917 Georgetown Tx 78626	512-864-9906 512-864-3121 GILLY@JAGTRUCKING.COM	MDB	M/Hispanic	SL
	JOH2629800 JOHNSON HAULING 5512 E M L King Blvd Austin Tx 78721-1628	512-928-1060 512-926-4180	MB	M/African American	AU
	VS0000027653 JUAN DEANDA TRUCKING LLC 5101 Hwy 21 Maxwell Tx 78656	5127481537 5122856596 juandeandatruckingllc@yahoo.com	MDB	M/Hispanic	LO

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	VS0000003474 JUAN LOPEZ 250 Blackbird Ln Buda Tx 78610	512-295-3201 512-295-3201 j.ltrucking@yahoo.com	MB	M/Hispanic	SL
	VS0000026640 Jose Luis Cervantes 2110 Ponciana Loop Austin Tx 78744	512-844-9828 cervantestrucking86@yahoo.com	MB	M/Hispanic	AU
	LEA2842000 LEAL BROS TRUCKING INC Po Box 142908 Austin Tx 78714-2908	512-385-7625 512-389-5262	MDB	M/Hispanic	AU
	LIL7079660 LILLIE'S TRUCKING INC 1110 Radam Cir Austin Tx 78745-3018	512-444-9562 512-444-3195	WB	F/Caucasian	AU
	MMT3262750 M & M TRUCKING 10811 San Jose Ave Del Valle Tx 78617-5903	512-243-1266 512-243-1093	MDB	M/Hispanic	AU
	MAR7095015 MARIE'S TRUCKING 2314 Wagon Crossing Path Austin Tx 78744-4330	512-441-0775 512-441-0549 mariekellough@yahoo.com	MWB	F/Asian	AU
	VS0000026614 MARIO FRANCO 8212 Belclaire Ln Austin Tx 78748	512-825-1982 512-371-3708 aracelifranco80@yahoo.com	MB	M/Hispanic	AU
	MEL8302760 MELENDREZ TRUCKING LLC 11608 Moore Rd Austin Tx 78719-9652	512-243-3977 512-243-3947 meltrks09@aol.com	MWDB	F/Hispanic	AU
	VC0000102842 MG LIMON CORPORATION 124 Juarez Cv Del Valle Tx 78617	512-791-4369 512-291-6132 GLIMONHAULINGCO@YAHOO.COM	MDB	M/Hispanic	AU
	VS0000032055 MTR Services Po Box 891 Manor Tx 78653	512-693-1237 rodrigfrancis@hotmail.com	MWDB	F/Hispanic	AU
	MUN7143465 MUNIZ CONCRETE & CONTRACTING INC Po Box 6596 Austin Tx 78762	512-385-2334 512-389-1446 rudy@munizcontracting.com	MDB	M/Hispanic	AU

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	VS0000016867 PANTHER CREEK TRANSPORTATION INC Po Box 2715 Georgetown Tx 78627	512-746-4224 512-746-5103 Natalia@panthercreektransportation.com	MWDB	F/Hispanic	SL
	PRE7013435 PREMIUM CUTS LAWN SERVICE & P O Box 82108 Austin Tx 78708-2108	512-252-2264 512-252-0994	NC	M/Hispanic	AU
	VS0000020631 RAMI MATERIALS TRANSPORT LLC 7719 Mcangus Rd Del Valle Tx 78617	512-845-8358 866-800-5957 RAMITRANS@AOL.COM	MDB	M/Hispanic	AU
	VC0000103438 RBR TRUCKING INC 1126 Welch Way Cedar Park Tx 78613	512-809-6214 512-260-3354 RONALDDELI@SBCGLOBAL.NET	MDB	M/Hispanic	AU
	RIV8316644 RIVER CITY ROLLOFFS INC Po Box 142028 Austin Tx 78714-2028	512-832-8300 512-453-5524 karen@rivercityrolloffs.com	WDB	F/Caucasian	AU
	VS0000010430 Ralph Anthony Wright 1716 Meander Dr Austin Tx 78721	512-791-3644 512-420-8373 wright_ralph@yahoo.com	MDB	M/African American	AU
	V00000905724 Robert E Ashford 8521 Steamline Circle Austin Tx 78745	5122471293 ashnemtrucking@hotmail.com	MDB	M/African American	AU
	SAM7042190 SAM KELLOUGH TRUCKING 2314 Wagon Crossing Path Austin Tx 78744-4330	512-441-0775 512-441-0549 kelloughj@aol.com	MB	M/African American	AU
	TEX4863000 TEXAS TRUCKING CO INC 3900 Shell Rd Georgetown Tx 78628-9249	512-868-5558 512-930-0298 GEORGETTC@YAHOO.COM	MDB	M/Hispanic	SL
	TOP7108595 TOP ROCK Po Box 2577 Round Rock Tx 78680-2577	555-555-5555	NON	/	SL
	VC0000101184 TRAVIS PAVING & EXCAVATING INC 1190 Fm 969 Bastrop Tx 78602	512-303-9988 512-303-9977 TRAVISPAE@AOL.COM	MWDB	F/Hispanic	SL

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	VC0000102578 VICTOR GONZALES JR 335 Green Valley Dr Bastrop Tx 78602	512-303-4556 5123214528 victorjgonzo@aol.com	MDB	/	SL
96880 Traffic Sign Installation					
	MUR8319181 HOGAN MURRAY INC Po Box 103 Buda Tx 78610-0103	512-295-9822 512-295-9665 KHOGAN2@AUSTIN.RR.COM	WDB	F/Caucasian	SL
	VS0000035915 JM Engineering, LLC 1314 Hillridge Drive Round Rock Tx 78665	5125506450 melissa@jm-engineer.com	WDB	F/Caucasian	AU
98814 Erosion Control Services					
	VC0000102203 ABC EROSION CONTROL INC Po Box 2257 Leander Tx 78646	5122593894 5122594467 vsanchez@abceci.com	MWDB	F/Hispanic	SL
	AUS8306086 AUSTEX TREE SERVICE INC Po Box 6089 Round Rock Tx 78683-6086	512-248-0082 512-248-8807	MB	M/African American	SL
	VC0000102723 AVERY LEE WILLIAMSON 2002 Savannah Ct Round Rock Tx 78681	5128456251 512-388-7303 averyslawncare@att.net	MDB	M/African American	SL
	CGE8308640 CGE INC 4408 Hwy. 183 S. Austin Tx 78702-	512-301-9652 512-394-0293 CGECARLOS@AUSTIN.RR.COM	MDB	M/Hispanic	AU
	ENV7167715 ENVIRONMENTAL SURVEY INC 4602 Placid Pl Austin Tx 78731-5515	512-458-8531 512-458-1929 JCWALTHER@ENVIROSURVEY.COM	WB	F/Caucasian	AU
	VS0000012711 Environmental Safety Services Inc. 829 Latteridge Drive Austin Tx 78748	512-402-4984 512-443-7138 Enviross@hotmail.com	MDB	M/Hispanic	AU
	FUQ1950250 FUQUAY INC Po Box 10327 Austin Tx 78766-0327	512-260-9899 512-260-9009 CFUQUAY@AUSTIN.RR.COM	WDB	F/Caucasian	AU

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	VS0000023419 GREEN CONSTRUCTOR GROUP LLC 12011 Sandeen Rd Coupland Tx 78615	5125655134 8885451302 info@greenconstructor.com	WB	F/Caucasian	SL
	VS0000034024 Green Brothers Sustainable Solutions, LLC 5350 Burnet Rd #427 Austin Tx 78756	5127617571 5125978368 rene@greenbrothersaustin.com	MDB	M/Hispanic	AU
	JOH2629800 JOHNSON HAULING 5512 E M L King Blvd Austin Tx 78721-1628	512-928-1060 512-926-4180	MB	M/African American	AU
	ROA7009475 ROADWAY SPECIALTIES INC Po Box 90309 Austin Tx 78709-0309	512-280-6666 512-280-6066 sthomas@roadwayspecialties.com	WDB	F/Caucasian	AU
	VS0000003361 Sandy Michelle Martinez P.O. Box 342742 Austin Tx 78734	512-784-9571 512-261-6450 sandy@capitallawnsolutions.com	DB	F/Hispanic	AU
	TER8323111 TERRA ECOSERVICES L L C 11006 Swefling Terrace Austin Tx 78737-3501	512-288-2167 512-288-6126 HROSS@TERRAECOSERVICES.COM	WDB	F/Caucasian	SL
9885299 LANDSCAPING, TREE AND PLANT PROTECTION DURING CONS					
	VC0000102203 ABC EROSION CONTROL INC Po Box 2257 Leander Tx 78646	5122593894 5122594467 vsanchez@abceci.com	MWDB	F/Hispanic	SL
	VC0000102723 AVERY LEE WILLIAMSON 2002 Savannah Ct Round Rock Tx 78681	5128456251 512-388-7303 averyslawncare@att.net	MDB	M/African American	SL
	COU8307846 COUNTRYSIDE NURSERY & 13292 Pond Springs Rd Austin Tx 78729-7105	512-249-0100 512-249-0128 COUNTRYSIDE@AOL.COM	MDB	M/Hispanic	AU
	FUQ1950250 FUQUAY INC Po Box 10327 Austin Tx 78766-0327	512-260-9899 512-260-9009 CFUQUAY@AUSTIN.RR.COM	WDB	F/Caucasian	AU
	VS0000023419 GREEN CONSTRUCTOR GROUP LLC 12011 Sandeen Rd Coupland Tx 78615	5125655134 8885451302 info@greenconstructor.com	WB	F/Caucasian	SL

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VS0000034024 Green Brothers Sustainable Solutions, LLC 5350 Burnet Rd #427 Austin Tx 78756		5127617571 5125978368 rene@greenbrothersaustin.com	MDB	M/Hispanic	AU
VC0000102969 LINDLEY POND LLC 171 Wren Rd Johnson City Tx 78636		830-868-0903 LINDLEY@LINDLEYPONDLLC.COM	WB	F/Caucasian	LO
TED8303312 TED'S TREES LTD 1118 Tillery St Austin Tx 78702-3034		512-928-8733 512-928-2337 TEDSTREES@AOL.COM	MDB	M/Hispanic	AU
VS0000034661 VAQUERO COMMERCIAL, INC. 15000a Ranch Road 620 North Austin Tx 78717		972-948-3496 512-388-4700 audon@vaquerogrp.com	MDB	M/Hispanic	AU
VS0000037520 Yarrow Landscaping and Lawn Care 2105 Maple Ave Austin Tx 78722		5126947392 staci@yarrowlandscaping.com	WDB	F/Caucasian	AU

**City of Austin
Subcontract Vendor List - VCRCVS**

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
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Vendors Outside the SLBP Area

33055 Fencing, Temporary (For Construction and Other Ind

VC0000102233 A-1 AMERICAN FENCE INC 701 E Lutcher Dr Orange Tx 77632	409-883-8986 409-883-7832 info@a1americanfenceco.com	DB	F/	TX
CON7107060 CONROE WOOD PRODUCTS INC 804 West Dallas Ste #1 Conroe Tx 77301-2208	888-636-3098 936-760-2975 CONROEWOODPR@CONSOLIDATED.NET	WDB	F/Caucasian	TX

5507818 BARRICADES, TRAFFIC, PORTABLE

VS0000028351 5M Rope & Supply, LLC 2505 Max Road Pearland Tx 77581	281-997-3330 281-997-9755 rickym@5mrope.com	MB	M/Asian	TX
SAF4069750 SAFETY SUPPLY INC 11827 Tech Com #114 San Antonio Tx 78233	800-873-9033 800-873-9036 joan@safetysupplyinc.com	WB	F/Caucasian	TX

57068 Steel, Fabricated: Beams, Gabions, Gratings, Walkw

VS0000032840 Hlco Handrail LLC P.O. Box 74 Hico Tx 76457	254-485-8889 254-796-4038 shannonjordan@centex.net	WDB	F/Caucasian	TX
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80198 SIGNS, CONSTRUCTION PROJECT IDENTIFICATION SIGNS (

VS0000026766 Cable Design, Inc. Po Box 8071 Wilmette Il 60091	847-256-9813 847-256-9814 kathleen@cabledesigninc.com	DB	F/Caucasian	OS
SAF4069750 SAFETY SUPPLY INC 11827 Tech Com #114 San Antonio Tx 78233	800-873-9033 800-873-9036 joan@safetysupplyinc.com	WB	F/Caucasian	TX

91244 Excavation Services

**City of Austin
Subcontract Vendor List - VCRCVS**

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
	TUN8302125 TUNNELS & SHAFTS CONSTRUCTION CONTRACTORS INC 9322 Bertwood St Houston Tx 77016-4732	713-631-9251 713-633-9242	MDB	M/African American	TX
9134768 SIDEWALK, PORTLAND CEMENT CONCRETE.					
	INT8321830 INTERSTATE CONCRETE & STEEL SERVICES INC 902 Rolling Rock San Antonio Tx 78245-1265	210-675-7031 210-675-4966 FROBLES@SATX.RR.COM	MDB	M/Hispanic	TX
	STA8309511 STANDARD CEMENT MATERIALS INC 5710 W 34th St Ste A Houston Tx 77092-6520	713-680-0482 713-680-1017 mtamez@standardcement.com	MDB	M/Hispanic	TX
	VS0000022860 Salvador Hernandez 114 Meadow Crest New Braunfels Tx 78130	830-625-4408 830-629-2584 salvador.hernandez.construction@gmail.com	MB	M/Hispanic	TX
	TUN8302125 TUNNELS & SHAFTS CONSTRUCTION CONTRACTORS INC 9322 Bertwood St Houston Tx 77016-4732	713-631-9251 713-633-9242	MDB	M/African American	TX
91438 Electrical					
	ABA7030705 ABACUS ENVIRONMENT INC 3440 Fordham Rd Dallas Tx 75216-4827	214-363-0099 214-363-3919	NC	M/Asian	TX
	VS0000019771 DPS Group, LLC 2660 Zelda Rd Montgomery Al 36107	334-262-0698 334-265-2924 donna@dpsgroup.net	DB	F/Caucasian	OS
	JOL8305135 JO LUIS CORP (THE) 215 E Avenue D Killeen Tx 76541-5238	254-634-8203 254-634-8013	MWDB	F/Hispanic	TX
	KAM8305026 KAMO ENERGY INC 1201 Universal City Blvd Universal City Tx 78148-3352	2105669800 2105669801 kamoenergy@msn.com	MB	F/Asian	TX

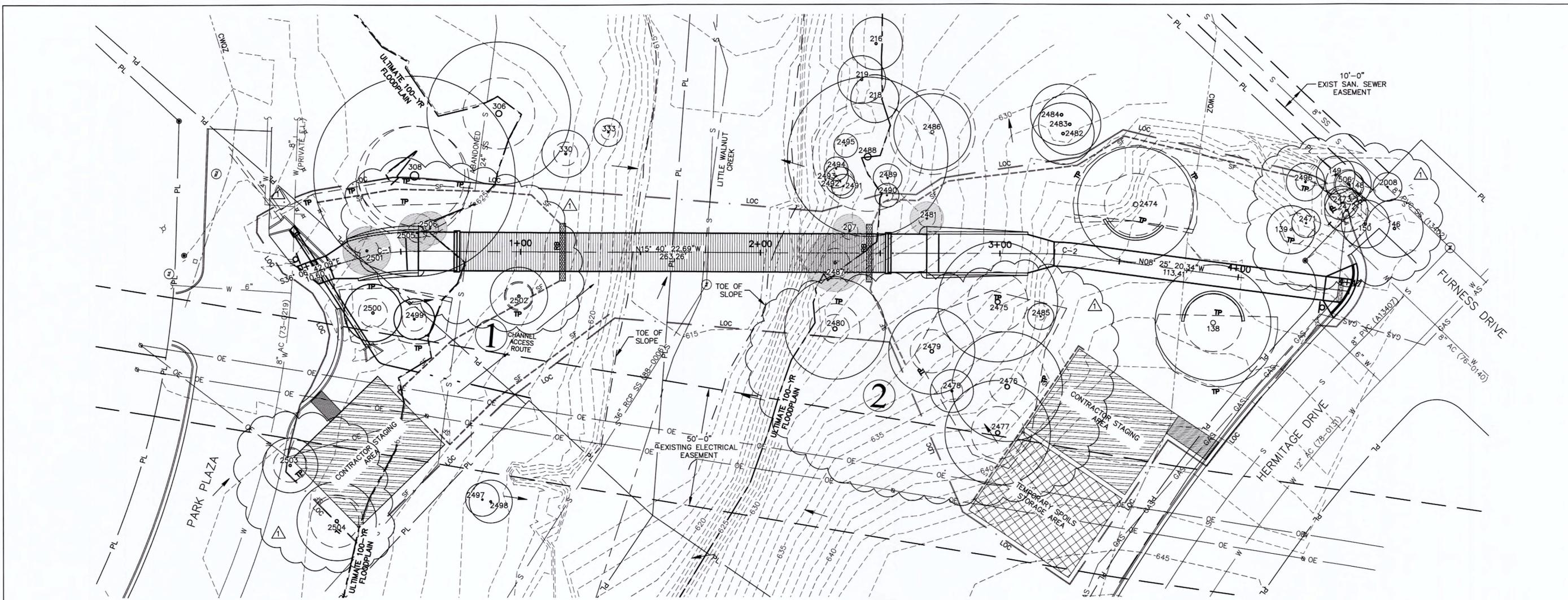
City of Austin Subcontract Vendor List - VCRCVS

Solicitation No.: IFB 6100 CLMC402 North Acres Trail Improvements

Version No.: 2

Phase: 1

C Code & Description	Vend Code/Adr	Phone/Fax/Email	W/MB Code	G/E	LCTN
	RKB8318788 R K BASS ELECTRIC INC 1200 E Fm 2410 Harker Heights Tx 76548-6897	254-698-8751 254-698-3411 CHERYL@BASSELECTRIC.COM	MDB	M/Hispanic	TX
	VS0000031558 System Controls & Instrumentation LTD 11218 Ih 10 E Converse Tx 78109	210-661-9901 msouthwell@syscontrols.com	WB	F/Caucasian	TX
	V00000902173 The DLP Group, Inc. 1801 County Road 26 Corpus Christi Tx 78415	3618575050 3618571122 adelapaz@thedlpgroup.com	MDB	M/Hispanic	TX
	V00000907632 VG Electric Contracting, LLC 11901 Blue Creek Drive Aledo Tx 76008	9724086763 8175607520 victor@vgecllc.com	MB	M/Hispanic	TX
96239 Hauling Services					
	V00000900689 91 FLYING G. TRUCKING LLC 15351 E Hwy 90 Kingsbury Tx 78638	8307430793 8308759428 fgt359@yahoo.com	MB	/African American	TX
	SER8313719 P E K INC Po Box 340 Weir Tx 78674-0340	512-864-9292 512-863-4602 tpek1@yahoo.com	WDB	F/Caucasian	TX
	VS0000027560 SAR Transportation, L.L.C. 1101 Jarvis Road Saginaw Tx 76179-5612	817-232-2599 817-232-0955 pam@sartrans.com	WDB	F/Caucasian	TX
			Total in SLBP:	163	
			Total Outside SLBP:	23	



DATE	01/21/13
REVISION	RELOCATE TREE PROTECTION FENCES
NO.	1
DESIGN BY:	CWS
DRAWN BY:	MRL
CHECKED BY:	JMG
SCALE:	1"=20'
JOB NUMBER:	183323

TRC
TRC ENGINEERS, INC.
 505 E. HUNTLAND DRIVE, STE. 250 AUSTIN, TX 78752
 1815 P.E. #15121 (512) 454-1876



CITY OF AUSTIN
NORTH ACRES TRAIL IMPROVEMENTS
EROSION AND SEDIMENTATION CONTROL
AND TREE PROTECTION PLAN
SHEET 3 OF 26
JULY 2012

CURVE TABLE

CURVE	RADIUS	PC STA.	PT STA.	DELTA	LENGTH	CHORD	BEARING
C-1	100.00'	0+21.67	0+57.34	20°26'19"	35.67'	35.48'	N 25°53'32.39" W
C-2	100.00'	3+20.60	3+33.25	7°15'02"	12.66'	12.65'	S 12°02'51.52" E

LEGEND

	CWQZ	CRITICAL WATER QUALITY ZONE
	LOC	LIMITS OF CONSTRUCTION
	SF	DRAINAGE AREA BOUNDARY
	TP	SILT FENCE
	RB	ROCK BERM
		DRAINAGE DIRECTION ARROW
		DRAINAGE AREA NUMBER
		STABILIZED CONSTRUCTION ENTRANCE
		TREE TO REMAIN
		TREE TO BE REMOVED
		TREE DRIPLINE

TREE LIST

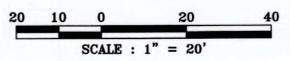
TREE NO.	SIZE & TYPE	STATUS
138	24" Cedar	REMAIN
139	20" Cedar Elm	REMAIN
146	12" Hackberry	REMAIN
148	6" Hackberry	REMAIN
149	8" Hackberry	REMAIN
150	10" Chinaberry	REMAIN
207	7" Elm	REMOVE
216	11" Elm	REMAIN
218	10" Cedar	REMAIN
219	10" Chinaberry	REMAIN
306	30" Pecan	REMAIN
308	47" Elm	REMAIN
330	10" Hackberry	REMAIN
333	6" Hackberry	REMAIN
506	6" Hackberry	REMAIN
2008	6" Elm	REMAIN
2471	6" Hackberry	REMAIN
2472	9" Amer Elm	REMAIN
2473	7" Ash	REMAIN
2474	26" Cedar Elm	REMAIN
2475	25" Live Oak	REMAIN
2476	15" Live Oak	REMAIN
2477	22" Live Oak	REMAIN
2478	9" Hackberry	REMAIN
2479	18" Cedar	REMAIN
2480	21" Cedar	REMAIN
2481	7" Cedar	REMOVE
2482	13" Cedar Elm	REMAIN
2483	13" Cedar Elm	REMAIN
2484	13" Cedar Elm	REMAIN
2485	3" Hackberry	REMAIN
2486	18" Cedar Elm	REMAIN
2487	12" Cedar	REMOVE
2488	11" Cedar	REMAIN
2489	6" Cedar	REMAIN
2490	5" Cedar	REMAIN
2491	5" Chinaberry	REMAIN
2492	6" Cedar	REMAIN
2493	5" Cedar	REMAIN
2494	5" Cedar	REMAIN
2495	5" Ligustrum	REMAIN
2496	8" Ligustrum	REMAIN
2497	7" Pecan	REMAIN
2498	9" Ash	REMAIN
2499	5" Walnut	REMAIN
2500	12" Pecan	REMAIN
2501	10" Hackberry	REMOVE
2502	11" Pecan	REMAIN
2503	7" Hackberry	REMAIN
2504	11" Mesquite	REMAIN
2505	8" Chinaberry	REMOVE
2506	7" Chinaberry	REMOVE

NOTES

- SEE SHEETS 11 AND 12 FOR EROSION CONTROL NOTES AND DETAILS.
- SEE SHEET 8 FOR TREE REPLACEMENT AND REVEGETATION PLAN AND DETAILS.
- THE GENERAL PERMIT OFFICE SHALL BE NOTIFIED AT 499-6330 PRIOR AND SUBSEQUENT TO ANY TREE PRUNING FOR FIELD INSPECTION AND APPROVAL BY THE GENERAL PERMIT OFFICE ARBORIST.
- ANY DISTURBANCES TO THE BANK OF THE CHANNEL WILL REQUIRE RESTORATION INCLUDING SOIL RETENTION MATTING. A CHANNEL RESTORATION PLAN SHALL BE SUBMITTED TO THE ENGINEER AND THE GENERAL PERMIT OFFICE FOR REVIEW AND APPROVAL. THE PLAN SHALL INCLUDE PRODUCT INFORMATION, MANUFACTURERS RECOMMENDED INSTALLATION SPECIFICATIONS AND DETAILS AND THE DEFINED AREA OF INSTALLATION. ALL CHANNEL IMPROVEMENTS SHALL BE INSPECTED PRIOR AND SUBSEQUENT TO INSTALLATION OF MATTING BY THE GENERAL PERMIT OFFICE INSPECTOR.
- FLOWS IN THE CHANNEL SHALL BE DIVERTED AROUND THE WORK/EQUIPMENT WHEN ANY ACTIVITY TO CONSTRUCT THE PROJECT IS CONDUCTED IN THE CHANNEL. A DEWATERING PLAN SHALL BE SUBMITTED TO THE GENERAL PERMIT OFFICE FOR REVIEW AND APPROVAL PRIOR TO WORKING IN THE CHANNEL. REFERENCE THE "NATURAL AREA PROTECTION" SECTION OF THE GENERAL NOTES FOR ADDITIONAL INFORMATION, SEE SHEET 2.
- ALL DISTURBED AREAS WITHIN THE CRITICAL WATER QUALITY ZONE SHALL BE REVEGETATED IN ACCORDANCE WITH SPECIFICATION 609S, NATIVE GRASSLAND SEEDING AND PLANTING FOR EROSION CONTROL, AS DETAILED IN THE PROJECT MANUAL.

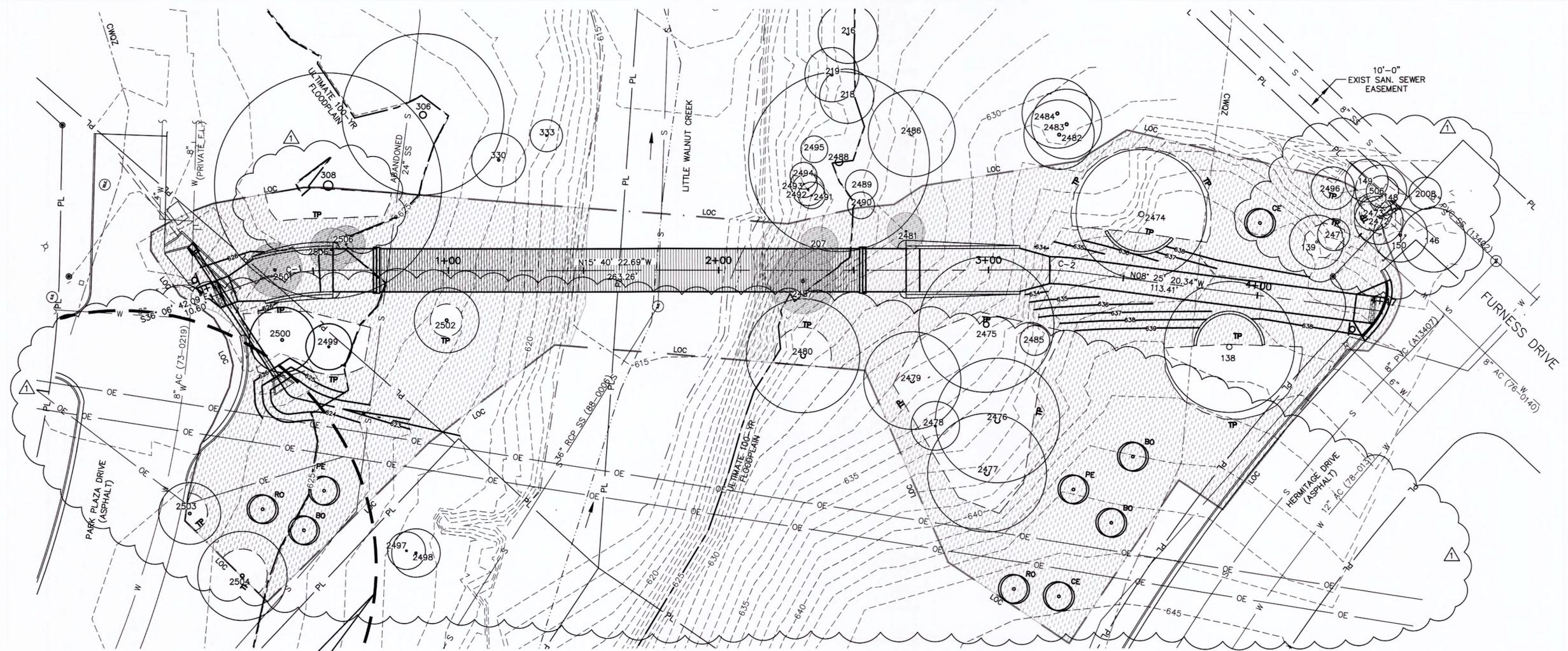
LEGEND

	SANITARY SEWER		PROPERTY CORNER
	WATER LINE		CONCRETE MONUMENT
	GAS LINE		STORM SEWER MANHOLE
	TELEPHONE CABLE		SANITARY SEWER MANHOLE
	BARB WIRE FENCE		TELEPHONE MANHOLE
	CHAIN LINK FENCE		WATER/GAS METER
	WOOD FENCE		FIRE HYDRANT
	PROPERTY LINE		POWER POLE W/GUY WIRE
	FIBER OPTICS LINE		TELEPHONE PEDESTAL
	OVERHEAD ELECTRIC		WATER VALVE
	EDGE OF ASPHALT		SHRUB
	MAILBOX		HIGHWAY SIGN
	LIGHT POLE		GRATE INLET
	CONTROL POINT		CURB INLET
	HANDICAP SIGNAL		SEWER CLEAN OUT
	SPIGOT		SEWER VENT
	PUMP		

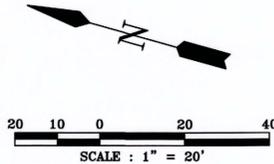


F:\WORK IN PROGRESS\AUSTIN\183323 NORTH ACRES TRAIL IMPROVEMENTS\3-CRUSION CONTROL REVISED.DWG - 8/29/12

"ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER."



BOUNDARY OF ENVIRONMENTALLY SENSITIVE AREA



TREE REPLACEMENT CALCULATIONS

PROTECTED TREES TO BE REMOVED:	0"
PERCENTAGE TO BE REPLACED:	100%
CALIPER INCHES TO BE REPLACED:	0"
CLASS I TREES TO BE REMOVED:	36"
PERCENTAGE TO BE REPLACED:	50%
CALIPER INCHES TO BE REPLACED:	18"
CLASS IV TREES TO BE REMOVED:	0"
PERCENTAGE TO BE REPLACED:	25%
CALIPER INCHES TO BE REPLACED:	0"
TOTAL CALIPER INCHES TO BE REPLACED:	18"

REPLACEMENT TREES	TOTAL
2-INCH DIAMETER RED OAK (2)	4"
2-INCH DIAMETER CEDAR ELM (2)	4"
2-INCH DIAMETER PECAN (2)	4"
2-INCH DIAMETER BURR OAK (3)	6"
TOTAL REPLACEMENT	18"

CURVE TABLE

CURVE	RADIUS	PC STA.	PT STA.	DELTA	LENGTH	CHORD	BEARING
C-1	100.00'	0+21.67	0+57.34	20°26'19"	35.67'	35.48'	N 25°53'32.39" W
C-2	100.00'	3+20.60	3+33.25	7°15'02"	12.66'	12.65'	S 12°02'51.52" E

NOTES

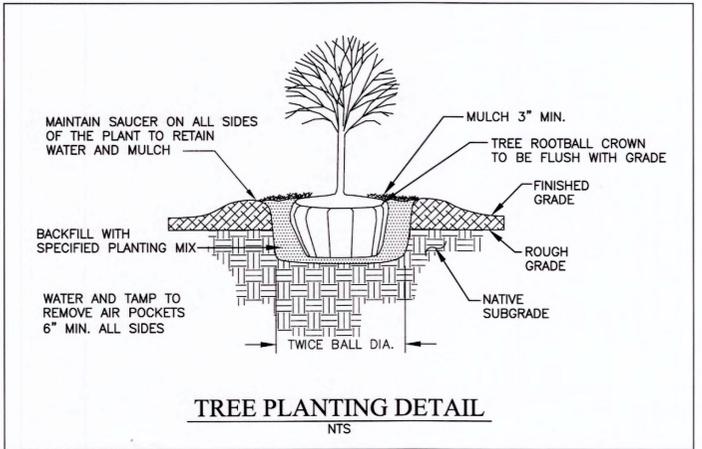
- ALL DISTURBED AREAS WITHIN THE CRITICAL WATER QUALITY ZONE SHALL BE REVEGETATED WITH THE CITY OF AUSTIN APPROVED NATIVE SEED MIX.
- ALL VEGETATION, INCLUDING TREES, SHALL BE TRIMMED PER CITY OF AUSTIN STANDARD SPECIFICATIONS 610S TO PROVIDE A MINIMUM OF 14 FEET HORIZONTAL CLEARANCE (7 FEET OFFSET FROM TRAIL CENTERLINE), AND A MINIMUM OF 10 FEET VERTICAL CLEARANCE (10 FEET ABOVE PROPOSED TRAIL ELEVATION).

LEGEND

	CWQZ	CRITICAL WATER QUALITY ZONE
	LOC	LIMITS OF CONSTRUCTION
	TP	TREE PROTECTION FENCE
		AREA OF REVEGETATION
	312	EXISTING TREE TO REMAIN
	311	EXISTING TREE TO BE REMOVED
	RO	NEW 2" DIAMETER RED OAK
	CE	NEW 2" DIAMETER CEDAR ELM
	PE	NEW 2" DIAMETER PECAN
	BO	NEW 2" DIAMETER BURR OAK

TREE LIST

TREE NO.	SIZE & TYPE	STATUS
138	24" Cedar	REMAIN
139	20" Cedar Elm	REMAIN
146	12" Hackberry	REMAIN
148	6" Hackberry	REMAIN
149	8" Hackberry	REMAIN
150	10" Chinaberry	REMAIN
207	7" Elm	REMOVE
216	11" Elm	REMAIN
218	10" Cedar	REMAIN
219	10" Chinaberry	REMAIN
306	30" Pecan	REMAIN
308	47" Elm	REMAIN
330	10" Hackberry	REMAIN
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506	6" Hackberry	REMAIN
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2506	7" Chinaberry	REMOVE



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DATE	07/31/13
REVISION	SHOW OVERHEAD POWER LINES; RELOCATE PROP TREES & TREE PROT.
NO.	1
DESIGN BY:	CMS
DRAWN BY:	MRL
CHECKED BY:	JMG
SCALE:	1"=20'
JOB NUMBER:	183323

TRC ENGINEERS, INC.
131 P.E. #1180
505 E. HUNTLAND DRIVE, SUITE 250 AUSTIN, TX 78752
(512) 454-8716

**CITY OF AUSTIN
NORTH ACRES TRAIL IMPROVEMENTS
AND TREE REPLACEMENT PLAN**

**SHEET
8 OF 26**

JULY 2012

FILED IN PROGRESS AUSTIN 183323 NORTH ACRES TRAIL IMPROVEMENTS-TRAIL TREE REPLACEMENT REVISIONING - 8/5/13