

Bidding Requirements, Contract Forms and Conditions of the Contract
ADDENDUM
Section 00900

ADDENDUM No. 2

Date October 14, 2014

City of Austin

Project Name ADP-Walnut Creek WWTP Southern Security Fence

C.I.P. No. 3023.054

This Addendum forms a part of Contract and clarifies, corrects or modifies original Bid Documents, dated September 22, 2014 . 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. Delete Table of Contents and replace with attached (Section Attached):

Added Special Specification sub-heading and SS-02805 Chain Link Security Fence

Deleted Specification 701S Fencing

2. Revised Section 00020 "Invitation for Bids" to modify bid dates as follows (Revised Section Attached):

"ALL BIDS ARE DUE PRIOR TO (Austin time) 10:00 AM on October 23, 2014 .

ALL COMPLIANCE PLANS ARE DUE PRIOR TO (Austin time) 2:00 PM on October 23, 2014.

BIDS WILL BE OPENED AT (Austin time) 2:00 PM on October 23, 2014 ."

3. Revised Section 01010 "Summary of Work" (Revised Section Attached)
Remove first two paragraphs of Paragraph 1.2 "Description of Work" and replace them with the following:

"The work consists of constructing approximately 2,300 linear feet of 6-foot security fence (COA Specification SS-02805) along the west side of the Western Plant Road of Walnut Creek Treatment Plant. On the northern end (top of Figure 1) the fence will be located about 30 feet offset from the road and will tie into the existing fence post with a short connecting run of fence about 30 feet long. The remainder of the fence on the west side of the road will be located 15 feet from the edge of pavement. See attached aerial photos (Figures 1 through 4) for location.

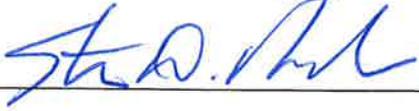
Three double swing vehicle gates 6-foot x 6-foot (12-foot length) shall be installed on the site. A mow strip shall be installed along the entire length of the security fence. A mulch sock (COA Specification 648S Mulch Sock) will be installed downstream from the construction zone and will be required along the entire length of the fence. Additionally, tree protection (COA Specification 610S) will be required for trees 37, 38, 39, 40 and 41 shown on the Expanded Site Plan View."

4. Added Special Specification SS-02805 Chain Link Security Fence

B. Drawing Revisions:

None

This addendum consists of 16 page(s).



Approved by OWNER



Approved by ENGINEER/ARCHITECT

END



Document Number	Title
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VOLUME 1

INTRODUCTORY INFORMATION

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BIDDING REQUIREMENTS, CONTRACT FORMS, & CONDITIONS OF THE CONTRACT

Pre-Bid Information

00020	04/15/14	Invitation for Bids
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Instructions to Bidders

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Information Available to Bidders

00220	05/06/11	Geotechnical Data
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Bonds and Certificates

00610	02/23/10	Performance Bond
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00630	03/06/14	Nondiscrimination Certificate
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00700	03/06/14	General Conditions
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**Document
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00900 02/23/10 Addendum

SPECIFICATIONS**Division 1 - General Requirements**

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1. 102S 08/20/07 Clearing and Grubbing
2. 609S 08/18/10 Native Grassland Seeding and Planting for Erosion Control
3. 610S 09/26/12 Preservation of Trees and Other Vegetation
4. 648S 08/18/10 Mulch Sock

Special Specifications

1. SS-02805 10/10/2014 Chain Link Security Fencing

VOL. 2 10/09/00 **MBE/WBE Procurement Program Package****END**

Bidding Requirements, Contract Forms and Conditions of the Contract
INVITATION FOR BIDS
Section 00020

Following is a summary of information for this Project. Bidder is cautioned to refer to other sections of the Project Manual, Drawings and Addenda (Bid Documents) for further details.

The City of Austin, hereafter called OWNER, is requesting sealed written Bids for furnishing all labor, materials, equipment, supervision, and incidentals, and for performing all Work required for the following Project:

ADP – Walnut Creek WWTP Southern Security Fence

Located at: 7113 FM 969, Austin, TX 78724

CIP ID# 3023.054

IFB# 6100 CLMC 510

The Work consists of construction of approximately 2,300 linear feet of security fence along the west side of the western plant access road of the Walnut Creek Wastewater Treatment Plant. Three vehicle gates are to be installed. A mow strip will be constructed along the entire length of the security fence. Clearing and grubbing will be required as part of the fence installation.

Bid Documents may be obtained at One Texas Center, 505 Barton Springs Road, Ste. 1045 (Front Desk), Austin, TX 78704. Copies will be available in CD format at no cost.

At the time Bid Documents are obtained, Bidder must provide a working e-mail address, so that they will receive any addenda or clarification issued by the Owner.

Sealed Bids will be received at the Contract Management Department, 105 W. Riverside Dr., Suite 210, Austin, Texas 78704 and then publicly opened and read aloud in the **SUITE 210 Conference Room**.

ALL BIDS ARE DUE PRIOR TO (Austin time) 10:00 AM on October 23, 2014.

ALL COMPLIANCE PLANS ARE DUE PRIOR TO (Austin time) 2:00 PM on October 23, 2014.

BIDS WILL BE OPENED AT (Austin time) 2:00 PM on October 23, 2014.

ALL BIDS AND COMPLIANCE PLANS NOT RECEIVED PRIOR TO THE DATE AND TIME SET FORTH ABOVE WILL NOT BE ACCEPTED FOR CONSIDERATION. The time stamp clock in **SUITE 210** is the time of record and is verified with www.time.gov, the official U.S. time.

All CONTRACTORS must be registered to do business with OWNER prior to submission of a Bid. All Subcontractors must be registered with the OWNER prior to execution of a contract. Prime Contractors are responsible for ensuring that their Subcontractors are registered as vendors with the City of Austin. Registration can be done through the OWNER's on-line Vendor Registration system. Log onto <https://www.ci.austin.tx.us/vss/Advantage> and follow the directions.

All City procurements are subject to the City's Minority-Owned and Women-Owned Business Enterprise Procurement Program found at Chapter 2-9-A of the City Code, as amended. The Program provides Minority-Owned and Women-Owned Business Enterprises (MBEs/WBEs) or Disadvantaged Business Enterprises (DBEs) full opportunity to participate in all City contracts. Goals for MBE/WBE or DBE participation are stated for each solicitation. Information on achieving the goals or documenting good faith efforts to achieve the goals are contained in the MBE/WBE Procurement Program Package or DBE Procurement Program Package attached to the solicitation. When goals are established, Bidders are required to complete and return the MBE/WBE or DBE Compliance Plan with their Bid. If a Compliance Plan is not submitted prior to the date and time set forth in the solicitation, the Bid will not be accepted for consideration. (See Section 00820 for MBE/WBE requirements on "no goal" solicitations.)

All Bids shall be accompanied by an acceptable Bid guaranty in an amount of not less than five percent (5%) of the total Bid, as specified in Section 00100, Instructions To Bidders.

Performance and payment bonds when required shall be executed on forms furnished by OWNER. Each bond shall be issued in an amount of one hundred percent (100%) of the Contract Amount by a solvent corporate surety company authorized to do business in the State of Texas, and shall meet any other requirements established by law or by OWNER pursuant to applicable law.

Minimum insurance requirements are specified in Section 00810, Supplemental General Conditions.

Minimum wage rates have been established and are specified in Section 00830, Wage Rates and Payroll Reporting.

Contract Time is of the essence and all Work shall be completed within 60 Calendar Days after date specified in the Notice to Proceed, in accordance with the Bid Form, Section 00300. Liquidated damages are \$340 per Calendar Day for failure to achieve final completion of the work, in accordance with the Bid Form, Section 00300.

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 Bid).

A mandatory Pre-Bid Conference will be held on October 2, 2014 at 10:30 AM
(date) (time)

(Austin time) at Walnut Creek WWTP, Civic Room, 7113 FM 969, Austin, TX 78724
(location)

Austin, Texas. Attendance is mandatory unless otherwise stated. Bidders must attend any mandatory Pre-Bid Conference and are encouraged to attend any non-mandatory Pre-Bid Conference to ensure their understanding of Owner's bidding and contracting requirements, particularly MBE/WBE Procurement Program requirements. If the Pre-Bid Conference is mandatory the Bidder must arrive and sign-in within fifteen (15) minutes of the scheduled start time of the meeting, otherwise the Bidder will not be allowed to submit a Bid for the project.

The persons listed below may be contacted for information regarding the Invitation for Bid. If the Bidder contacts any other City employee, including Council Members and members of Boards and Commissions, the Bidder may be found in violation of Ordinance No. 20111110-052, dated November 10, 2011, regarding Anti-Lobbying and Procurement. The text of that Ordinance may be viewed at <http://www.cityofaustin.org/edims/document.cfm?id=161145>.

AUTHORIZED CONTACT PERSONS

PROJECT MANAGER: Steve Parks, telephone (512) 974-3576 email steve.parks@austintexas.gov

CONTRACT COMPLIANCE REP: Monica Lopez, telephone (512) 974-7057 email Monica.lopez@austintexas.gov

END

PART 1 - GENERAL

1.1 Related Documents:

Drawings and general provisions of Contract, including General Conditions, Section 00700, and Supplemental General Conditions, Section 00810, and Division 1 requirements.

1.2 DESCRIPTION OF WORK:

The work consists of constructing approximately 2,300 linear feet of 6-foot security fence (COA Specification SS-02805) along the west side of the Western Plant Road of Walnut Creek Treatment Plant. On the northern end (top of Figure 1) the fence will be located about 30 feet offset from the road and will tie into the existing fence post with a short connecting run of fence about 30 feet long. The remainder of the fence on the west side of the road will be located 15 feet from the edge of pavement. See attached aerial photos (Figures 1 through 4) for location.

Three double swing vehicle gates 6-foot x 6-foot (12-foot length) shall be installed on the site. A mow strip shall be installed along the entire length of the security fence. A mulch sock (COA Specification 648S Mulch Sock) will be installed downstream from the construction zone and will be required along the entire length of the fence. Additionally, tree protection (COA Specification 610S) will be required for trees 37, 38, 39, 40 and 41 shown on the Expanded Site Plan View.

Clearing and grubbing will be required as shown on the attached aerial photographs and will be a minimum of five (5) feet either side of the centerline of the fence, or as required to complete the work. One permitted tree will be removed from the site (Tree Removal Permit). The area disturbed by the work will be re-vegetated with native seeding (COA Specification 609S). All trimmings will be taken to the Hornsby Bend Biosolids management plant for disposal.

The following information is attached:
Aerial Photos, Figures 1 through 4
COA Tree Removal Permit
Expanded Site Plan View, COA
Topographic Survey, The Wallace Group, Inc.
Security Fence - Standard Civil Detail, COA

1.3 SUBMITTALS

Provide shop drawings and other information as required by Section 01300 for coordination of the work.

1.4 CONTRACTOR'S USE OF CONSTRUCTION SITE

The construction site will be in use by public throughout the duration of contract. The CONTRACTOR shall refer to Section 01040, Project Coordination for coordination required to minimize disturbance and hazards to pedestrian as well as automobile traffic. CONTRACTOR shall not unreasonably encumber the construction site with materials or equipment. CONTRACTOR shall assume reasonable responsibility for protection of construction site. CONTRACTOR will be provided a 20-ft x 20-ft site for storage of materials. If additional storage area is required, the CONTRACTOR will need to provide this area offsite at his expense.

End

PART 1: GENERAL

1.1 Scope of Work

This item shall consist of furnishing and installing of a chain link security fence complete in place, per attached standard City of Austin detail.

1.2 Warranty

The Contractor shall guarantee the fence against faulty or inadequate design, improper assembly or erection, and defective workmanship, materials, or other failures. The Contractor shall also furnish a written warranty agreeing to furnish and install, at his own expense, any part of the fence proving to be defective within 12-months from the date of final acceptance by the City of Austin.

1.3 Substitution

The installation of any approved substitution is the Contractor's responsibility. Any changes required for the installation of any approved substitution must be made to the satisfaction of the City's representative and without additional cost to the owner.

1.4 Submittals

Submit to the Owner/Engineer for approval, complete submittals in accordance with Specification 01300, including detailed product information and data covering all materials and accessories used. Submittal information shall be provided for all items listed in section 2.1 Fence Materials of this specification. No materials or accessories shall be delivered to, accepted at, or stored upon the construction site before complete submittals for those materials or accessories are approved.

1.5 Applicable Specifications

The following specifications of the issues listed below, but referred thereafter by basic designation only, form a part of this specification.

1.6 Qualifications

All fencing materials shall be provided by a manufacturer who is fully experienced, reputable, and qualified in the manufacture of the materials to be furnished.

The security fencing and gates shall be installed by a contractor or subcontractor regularly engaged and fully experienced, reputable, and qualified in the installation of such fencing systems. The security fencing and gates shall be installed in accordance with the best practices and methods and shall comply with these specifications as applicable.

2.1 Fence Materials

All materials provided for this work shall be new and unused. If materials are temporarily stored on site, fence fabric and posts shall be neatly stacked off the ground in a secured area. All other parts and barbed wire shall be neatly stored in a secured storage building, protected from theft, vandalism, and the weather.

A. Galvanizing

All surfaces of all component parts of the fence shall be hot-dip galvanized. A minimum 2.0 ounces of zinc coating per square foot of surface shall be applied unless otherwise specified. Fencing, including all posts, top rails, fabric, barbed wire and extension arms, gates, and all hardware and accessories shall be zinc coated after fabrication, using ASTM standards.

The uniformity of the zinc coating shall be determined by visual inspection. Excessive roughness, blisters, salammoniac spots, bruises, and flaking, if present to any considerable extent, shall provide a basis for rejection.

B. W&M 9 gauge wire woven into 2-inch mesh with a diamond count of 20 and ½. The fabric's top and bottom selvages shall be twisted and barbed. The fabric shall be manufactured in accordance with ASTM 392. Class 2 requirements and hot-dip galvanized after weaving. The wire in the fabric shall withstand a breaking strength test of 1290LbF per ASTM A370 standards (after galvanizing).

C. Terminal Posts

Terminal posts (corner posts, end posts, pull posts) shall be Type 1, nominal 2.875-inch schedule 40 steel pipe conforming to ASTM A120, minimum weight 5.79 pounds per linear foot.

D. Line Posts

Line posts shall be Type 1, nominal 2.375 inch schedule 40 steel conforming to ASTM A120, minimum weight 3.65 pounds per linear foot.

E. Gate Posts

Gateposts shall be steel pipe conforming to ASTM A120 per the following sizes:

Gate Length	Pipe Size O.D.	Min. Weight Per Ft.
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Up to 10'	4 inches	9.11 pounds
Over 10' to 16'	6-5/8 inches	18.97 pounds

- F. Top Rail
Top rails shall be Type 1, nominal .66 inch O.D. Steel pipe conforming to ASTM A120, minimum weight 2.27 pounds per linear foot. Top rails may be provided in random lengths averaging 20 feet.
- G. Rail Couplings
Sleeve type couplings shall be provided to join lengths of top rail to make rigid connections. Couplings shall be a minimum 7 inches long.
- H. Bracing
Brace members shall be of the same material as the top rail. Tension rods shall be 3/8-inch minimum diameter and shall be tightened with a turnbuckle.
- I. Extension Arms (Post Tops)
Extension arms/post tops shall be one-piece, malleable iron, 45 degree, single outrigger-type capable of supporting three strands of barbed wire on each arm. Each arm shall extend to a point approximately 12 inches out (away) from the plane of the fence fabric. The extension arms shall be designed to prevent entry of water or moisture into tubular posts. A hole shall be provided for acceptance of the top rail on line posts and for secure termination of the top rail at all terminal posts. Extension arms shall be capable of supporting a 250-pound load at the end of the extension arm without deflection or deformation.
- J. Stretcher bars and Attachment Clips
Stretcher bars shall 3/16 X 3/4 inch steel bars cut 6 feet long. Attachment clips shall be minimum 11 gauge pressed steel bands. Bolts for securing attachment clips shall be 5/16 inch minimum diameter carriage bolts with lock washer and nuts.
- K. Fabric Ties
Fabric ties shall be minimum 6 gauge wire ties.
- L. Tension Wire
Tension wire shall be 7 gauge, galvanized coil spring wire. "Hog Rings" for attaching the fabric to the tension wire shall be galvanized or stainless steel.
- M. Barbed Wire
Barbed wire shall be ASTM A121, No 12-1/2 W&M gauge with 4-point barbs of 14-gauge wire at 5-inch maximum spacing. Barbed wire shall be galvanized to Class III requirements (0.80 ounces minimum of zinc coating per square foot of wire surface).
- N. Gate Frames

Gate frames shall be welded, watertight, rigid frames of 2 inch O.D. steel Pipe conforming to ASTM A 120, minimum weight 2.72 pounds per linear foot or 2 inch square tubing of equal weight. Frames shall have adequate internal bracing and 3/8 inch minimum diameter tension rods (with turnbuckles) to prevent sagging.

- O. Hardware
Provide suitable brackets for attaching top rails and bracing at terminal, end, gate, and pull posts. Provide suitable catch block keepers to hold gates in the open position. Provide suitable yokes and slide bars to secure (in the ground) and padlock double swing gates at the center point. Provide suitable mechanism for each single swing gate to permit padlocking.
- P. Grounding Rods, Wire, & Fittings
Grounding rods shall be copperclad steel rods; 5/8-inch minimum diameter by 8 feet long, with machined drive points and chamfered drive ends. Grounding wire shall be #6 AWG solid copper conductor. Cadweld devices and copper grounding lugs shall be provided for attachment of the grounding conductor to fence posts.
- Q. Concrete
Concrete for post footings, mowing strip, catch blocks, anchors, and other such items related to the fence construction shall be Class A (3000 psi) concrete conforming to specification 403S, "Concrete for Structures". Maximum size of aggregate shall be 3/5 inches. Hand mixing of concrete will be permitted on batches under 1/2 cubic yard. All batches exceeding this volume shall be machine mixed.
- U. Steel Reinforcing Bars
Steel reinforcing bars for the concrete mowing strip shall be 3/8-inch minimum diameter, grade 70 deformed bars.
- R. Concrete Expansion Joints
Expansion joint material shall be 3/5 X 2-inch redwood or asphaltic strips.

PART 3: FUNCTIONAL REQUIREMENTS

- 3.1 The following describes the functional requirements that are expected to be met during installation.
 - A. Erection of Posts
Lay out and accurately align the position of the fence posts such that the posts will be located as indicated on the Drawings in concrete mowing strip and the outside edge of the mowing strip will be accurately positioned three (3) feet inside and along the property line or easement boundary. Terminal posts shall be placed 8-10 feet from each terminal post and two pull posts shall be placed 8-10 feet apart at 100ft. intervals

along straight fence lines (for additional bracing). Line posts shall be spaced no further apart than ten feet (10' - 0").

The fence and mowing strip shall generally follow the contour of the ground, with the bottom of the fabric installed no more than 2 inches above the top of the mowing strip. Irregularities in the ground surface may be graded smooth to facilitate installation of the fence and mowing strip.

The excavation for postholes shall be 12 inches in diameter (16 inches for 4-inch gateposts, 18 inches for 6-inch gateposts), 3 feet deep, and accurately centered along the true line of the fence. Posts shall be set to proper elevation along the line of the fence and in the center of the excavation for concrete base. The posts shall be braced in a plumb and true position until the concrete has been placed and allowed to harden.

B. Mowing Strip

The concrete mowing strip shall be 18 inches wide and 4 inches thick.

Three (minimum) reinforcing bars (#3 minimum size) shall be placed continuously along the length of the mowing strip and supported at two-foot intervals with suitable chairs or fired-clay supports to maintain the bars' position during concrete placement. Ends of bars shall be lapped two feet and securely tied with annealed wire. The center bar shall be placed approximately one inch inside the line posts. The other two bars placed 1-1/2 inches from the outer edge of the mowing strip. The three bars shall be held in place by short lengths of #3 reinforcing bars at 3-foot intervals, tied with annealed wire.

An expansion joint shall be placed perpendicular across the width of the mowing strip at one side of each line post. The concrete shall be placed continuously between expansion joints. A screed shall be prepared and used which forms the concrete with the center raised 3/4 inches above the outer edges. After screeding, the concrete shall be troweled smooth with a steel trowel and both outer edges shall be tooled with a rounded edge.

C. Fence Grounding

Each individual section of fence shall have at least one (1) ground, with additional grounds (for the same fence section) spaced no further than 500 feet apart. Additionally, the fence shall be grounded wherever a power line passes overhead.

Each ground shall consist of a copperclad-grounding rod driven or drilled vertically into the ground, inside the fence and mowing strip, until the top of the rod is approximately 6 inches below the surface of the ground. A #6 AWG solid copper conductor shall be attached with a copper-grounding lug so as to effectively connect the fence post with the grounding rod. Resistance to the ground, measured from the fence post to the grounding rod, shall not exceed 25 Ohms.

D. Erection of Top Rail, Bracing, and Tension Wire

The top rail may be installed after the concrete around the posts has cured for at least 72 hours. Top rails shall be passed through the base of each line post's barbed wire extension arm and fastened securely to each terminal or gatepost. The top Rail shall fit tightly between the terminal or gateposts, and the rail's sleeve couplings shall provide a rigid connection between rail sections to form a continuous run.

Brace members shall be installed at all terminal posts, gate posts, and intermediate pull posts. Brace members shall be installed level at approximately 3 feet 6 inches above the bottom of the fence fabric. Brace members shall fit tightly between the two posts and shall be fastened securely to each post. Tension rods shall be securely attached to the terminal or gate post, near the ground, and to the pull post near the brace member. The tension rods shall be tightened by means of a turnbuckle until the rod is taut.

E. Erection of Fabric

Tension wire shall be stretched taut between terminal/gate posts approximately 1-1/2 inches above the concrete mowing strip and attached securely to each line/pull post with fabric ties.

Stretcher bars shall be attached to the fabric by inserting them through the mesh openings. Stretcher bars shall be attached to terminal/gate posts by attachment clips spaced at 14-inch intervals. One stretcher bar shall be provided for each gatepost and two for each terminal post.

Fabric shall be installed with the equipment and tools in accordance with the methods recommended by the manufacturer. Sufficient stress shall be applied to the fabric to take up all the slack and present a smooth uniform surface along the line of the fence. Distortion of the fabric by over-stretching shall be avoided. Fabric shall be secured with fabric ties to the top rail every 18 inches and to the line and pull posts every 14 inches. Fabric shall be secured with "hot rings" to the tension wire every 12 inches. After attachment, adequately stretched fabric can not be pulled more than 2 inches from the plane of the fence.

F. Erection Barbed Wire

Barbed wire shall be pulled taut between the terminal/gate posts and secured with attachment clips. The barbed wire shall be adequately fastened to the extension arms such that it cannot be removed.

G. Fabrication/Erection of Gates

Gate frames shall be 6 feet high, with a single vertical frame member at each end extending to 7 feet to support three strands of barbed wire, pulled taut. Gates shall be hinged to swing 180 degrees from closed to open. Gates shall be hung so as to swing

freely, and not drag or bind. The hinges shall be set so as not to twist or turn under the action of the gate.

Catch block keepers shall be set in concrete to hold the gates in the open position. The lock mechanisms shall be of substantial construction and shall be accessible from both sides of the gate. The gates shall be complete with frames, latches, and stops keepers, hinges, fabric, braces, and three strands of barbed wire. Gates shall have intermediate members and diagonal truss rods as required for rigid construction and shall be free from sag or twist.

Hinges shall be heavy pattern with large bearing surfaces and shall not twist or turn under the action of the gate. Latches for double swing gates shall be the plunger bar type, full gate height, and arranged to fully engage the gate stop. Stops shall consist of a roadway plate with anchor set in concrete and arranged to engage the plunger. Keepers shall consist of mechanical devices for securing and supporting the free end of the gates when in the full open position. Latch for gates shall be U-shaped with 90-degree swing to secure to the gatepost. Latches shall be arranged for padlocking with the padlock accessible from both sides of the gate. Gates shall be installed so that they cannot be removed without disassembly of the hardware. Hardware attachment bolts shall be peened to make removal difficult.

PART 4: PERFORMANCE REQUIREMENTS

4.1 General

A. Rules and Regulations

All work and materials shall be in full accordance with the latest rules and regulations of the City of Austin.

B. Existing Conditions

The Contractor shall acquaint himself with all site conditions prior to beginning any work. The Contractor is responsible for determining the presence of any buried utilities in addition to the ones shown on the drawings. Should any utilities or other work not shown on the plans be found during excavations, the Contractor shall notify the City of Austin Facility Engineering staff as to the required course of action. The Contractor shall take necessary precautions to protect the site conditions. Should damage be incurred, the contractor shall repair the damage to its original condition at his own expense.

4.2 Contractor's Responsibilities

The Contractor, shall make a thorough examination of the site to familiarize himself with the nature and extent of the work to be encountered. The Contractor shall field verify all

measurements. No extra compensation will be allowed for any work made necessary by unusual conditions or obstacles encountered during the progress of the work which are readily apparent upon visiting the site. The Contractor shall be responsible for procuring all available plans and information concerning underground utilities which might be encountered. Damage to these facilities due to the Contractor's negligence shall be repaired by qualified workmen at the Contractor's expense.

4.3 Excavation

The Contractor shall restore all excavated surfaces, and any utilities or structures damaged as a result of the excavation, to their original conditions. The Contractor shall thoroughly excavate and clean the inside of the inserts embedded for the fence posts, removing all dirt, trash, excess concrete, and any other material which might prevent secure bonding of the non-shrink grout to the walls of the inserts.

4.4 Cleaning

The Contractor shall remove all excavated material and trash from the site after each working day. Any trash or material left on site at the end of each day, or at the end of the project, will be disposed of by City of Austin Personnel at the Contractor's expense.

4.5 Inspection

All identified deficiencies shall be corrected by the Contractor prior to the acceptance of the project by the City of Austin.