

DATE: May 4, 2012
ADDENDUM NO.: 1
PROJECT NO.: 0939-Q
OWNER: CITY OF SAN ANTONIO
114 West Commerce Street
San Antonio, Texas 78205
PROJECT: SAWS Building Demolition
1001 East Market Street
San Antonio, Texas 78205
ARCHITECT: Chesney-Morales & Associates, Inc.
4901 Broadway Suite 250
San Antonio, Texas 78209

This addenda is generally separated into sections for convenience; however, all contractors, subcontractors, material men, and all other parties shall be responsible for reading this entire addendum. The failure to list an item or items in all affected sections of this addendum does not relieve any party affected from performing as per instructions, providing that the information is set forth one time any place in this addendum. The addendum forms a part of the Contract Documents, modifying and superseding where it is inconsistent with them. All other conditions of the Contract Documents remain unchanged.

ITEM 1 A Pre-Submittal Conference was held on Tuesday, May 1, 2012 at 10:00 a.m. at 200 East Market Street, Henry B. Gonzalez Convention Center, Room 102A, San Antonio, Texas 78205. The attached "Agenda", provided by Chesney-Morales & Associates, Inc. was presented at the Pre-Submittal Conference; see hereto attached **EXHIBIT "A"**, 5 pages.

ITEM 2 A Pre-Submittal Conference was held on Tuesday, May 1, 2012 at 10:00 a.m. at 200 East Market Street, Henry B. Gonzalez Convention Center, Room 102A, San Antonio, Texas 78205. The attached Agenda, "Pre-Submission Meeting Talking Points", provided by the City of San Antonio, was presented at the Pre-Submittal Conference; see hereto attached **EXHIBIT "B"**, 2 pages.



5/4/12

ITEM 3 A Pre-Submittal Conference was held on Tuesday, May 1, 2012 at 10:00 a.m. at 200 East Market Street, Henry B. Gonzalez Convention Center, Room 102A, San Antonio, Texas 78205. The attached Agenda, "SBEDA Affirmative Procurement Initiative", provided by the City of San Antonio, was presented at the Pre-Submittal Conference; see hereto attached **EXHIBIT "C"**, 1 page.

ITEM 4 A Pre-Submittal Conference was held on Tuesday, May 1, 2012 at 10:00 a.m. at 200 East Market Street, Henry B. Gonzalez Convention Center, Room 102A, San Antonio, Texas 78205. The following persons were in attendance at the Pre-Submittal Conference; see hereto attached **EXHIBIT "D"**, 3 pages.

ITEM 5 SPECIFICATIONS: DIVISION 31 - Earthwork, **ADD** Specification Section 312000 - Earth Moving in its entirety. See hereto attached **EXHIBIT "E"**, 8 pages. Civil specification provided by Coyle • SDA, the Civil Engineer.

ITEM 6 Geotechnical Engineering Study provided by Professional Service Industries (PSI), dated: April 20, 2012; see hereto attached **EXHIBIT "F"**, 16 pages.

ITEM 7 DRAWINGS: Drawing Sheet A0.1, located at upper center of sheet, **DELETE** Asbestos General Notes and **REPLACE** with **EXHIBIT "G"**, 1 page.

ITEM 8 **CLARIFICATION:**

The City of San Antonio **REQUIRES** a "Receipt of Addendum" form to be signed and turned in with your Bid Packet for **EACH** addendum issued for this project. See hereto attached **EXHIBIT "H"**, 1 page.

ITEM 9 SPECIFICATIONS: DIVISION 0 - BIDDING AND CONTRACTURAL REQUIREMENTS: **DELETE** "Formal Invitation For Bids (IFB) and Contract Old Saws Headquarters Demolition Project (Project No. 40-00013" document in its entirety and **REPLACE** with hereto attached **EXHIBIT "I"**, 1 page.

NOTE: Table A - Delet Building Wage Decision

ITEM 10 **GENERAL CONTRACTOR INFORMATION FOR PERMITTING:**

Chesney-Morales & Associates, Inc. will provide an FTP site and download Bulletin 106/Demolition Permit for the Bidders to access.

CMA FTP Site: <http://ftp.cma-architects.com:8080>
Login ID: SAWSdemo
Password: 7MSNspcC

ITEM 11 **CLARIFICATION:**

Coyle • SDA and City Public Service (CPS) explained that the Owner (SAWS) has disconnected ALL utilities, therefore, sealed signed and dated form from CPS allowing Utilities Disconnect is not necessary. The sewer line remains connected to the Building.

QUESTIONS AND ANSWER PORTION OF ADDENDUM NO. 1

Question 1: How will the equipment be classified? If the wage rates only provide for front-end loader and a crane. How do you describe an excavator?

ANSWER: **We will only use the Heavy Highway, which is already include in the specification book.**

Question 2: Does the General Contractor have to make arrangements for the Utilities Disconnect?

ANSWER: ***The electricity has been disconnected by the Owner. The Hot and Chilled pipes have been disconnected by the Owner. There is no existing gas line. The sewer line had not been disconnected. Any utilities not already disconnected by the Owner shall be contractors responsibility to disconnect and properly cap as indicated in the drawings.***

Question 3: Is there a provision for Unit Price for backfill material?

ANSWER: ***Section 012200 - Unit Prices of the specifications has a provision for Unit Price per cubic yard of selected backfill.***

Question 4: Will there be another opportunity to visit the site?

ANSWER: *No, there will not be another site visit.*

Question 5: Has a Geo Survey been performed? If so, will it be available?

ANSWER: *Yes, the Geo Survey has been performed. It is included in this Addendum No. 1, REFER to EXHIBIT "F".*

END OF ADDENDUM NO. 1

EXHIBIT "A"

AGENDA

I. SUBJECT OF MEETING: PRE-SUBMITTAL CONFERENCE: Tuesday, May 1, 2012 at 10:00 a.m. at 200 East Market, Henry B. Gonzalez Convention Center, Room 102A, San Antonio, Texas 78205.

II. PROJECT DESCRIPTION: PRE-CONSTRUCTION PACKAGE

The work includes demolition of San Antonio Waters System building and backfill for future street to be located in this area.

III. INTRODUCTION

A. ARCHITECT

1. Chesney-Morales & Associates, Inc.
4901 Broadway Suite 250
San Antonio, Texas 78209
(210) 828-9481
(210) 828-9719 (Fax)
Principal in Charge: Richard G. Morales
Project Manager: Ryan Buba
Construction Administration: Joseph Rubalcava

Owner Designated Representative:
Mr. Guillermo G. Moya
City of San Antonio CIMS
Senior Architect
Municipal Plaza Building
114 West Commerce 4th Floor
San Antonio, Texas 78205
(210) 207-2147 (work)
(210) 207-2197 (Fax)
(210) 912-7964 (cell)
e-mail: guillermo.moya@sanantonio.gov

B. ROLE AND RESPONSIBILITY

- a) Owner's Representative.
- b) Primary contact for the Contractor.
- c) Construction progress meetings (twice monthly).
- d) Observe and monitor progress and workmanship.
- e) Assist in the coordination between contractors and provide schedule information.
- f) Responsible for design and interpretations of the construction documents, plans and specifications.
- g) Provide technical assistance during construction.
- h) Review submittals and pay request.
- i) Review progress schedule.

IV. STATE REQUIREMENTS.

V. PROJECT CONTROL PROCEDURES

A. To be submitted prior to First Progress Payment: or as indicated below:

1. SCHEDULE OF VALUES: Contractor and Chesney-Morales & Associates, Inc. to review Schedule of Values, amounts, details and format to establish satisfactory control documents. Submit 20 days prior to first application for payment.
2. SCHEDULE (CPM BAR CHART): Contractor to provide schedule for use in coordination of project with Owner's operation and scheduling of work. Submit within 15 days of Notice to Proceed. The use of a computerized schedule program such as Primavera Systems Sure Trak 2.0 is recommended.
3. SUBMITTAL LIST: Contractor to provide Chesney-Morales & Associates, Inc. with a schedule of required shop drawings and submittals based on contract requirements and developed in conformity with the project schedule. Provide Schedule of Submittals for all submittals within 10 days of Notice to Proceed.
4. LIST OF SUBCONTRACTORS: Contractor to provide a list of all proposed subcontractors with current mailing address, telephone number and contact person. Update any changes to project manager.
5. PROGRESS PAYMENTS: Contractor to submit all payment requests to Chesney-Morales & Associates, Inc. no later than the 25th of the month. Provide invoices, release of lien and insurance for all stored materials.

B. MONTHLY PROGRESS PAYMENTS

1. Payment certification for completed activities as per schedule of values and invoiced cost for stored materials. Completed activities will be reviewed once per month for payment by Chesney-Morales & Associates, Inc.
2. MONTHLY SUBMITTALS:
 - a. Updated Schedule:
 - (1) Indicated activities completed this period with completion dates for each activity.
 - (2) Indicate activities started and in progress with start dates and time remaining to complete.

- (3) Provide a daily/weekly written report of work in progress.
- b. Inventory of Stored Materials with Invoices.
 - c. Narrative Report
 - (1) Progress during last bi-monthly period (twice monthly).
 - (2) Plan for next two weeks (twice monthly).
 - (3) Identify potential delays and problems before they occur.
 - (4) Progress photos showing location and date.

C. COORDINATION

1. Chesney-Morales & Associates, Inc. onsite weekly for meetings with project superintendent to coordinate activities with the Owner and Contractor operations.
2. Regular construction meeting twice monthly with Owner, Chesney-Morales & Associates, Inc. and Contractors.
3. Structural Engineer to be notified twenty-four (24) hours in advance of any structural modifications.
4. All phases of work to be coordinated through Owner's Designated Representative and Architect. Some work activities may have to be arranged to accommodate facility schedules. If any type of outage is anticipated, it must be coordinated through Chesney-Morales & Associates, Inc. and facility management.

D. SUBMITTALS

1. Contractor to review and certify all submittal data and shop drawings prior to submittal.
2. Contractor to submit six (6) copies of all data and shop drawings to Chesney-Morales & Associates, Inc. Chesney-Morales & Associates, Inc. to retain one file copy and two copies for Owner. Chesney-Morales & Associates, Inc. to retain one (1) field copy. Engineer to retain one (1) copy of items relating to their phase of the work. Three copies of product data and shop drawings will be returned to contractor. At project closeout, contractor to provide Owner with one (1) complete reproducible set.

E. FULL TIME SUPERINTENDENT

Contractor to provide full time superintendent on site at all times during the work. Superintendent must have full authority to make decisions. Superintendent to be responsible for coordination between subcontractors. Superintendent to attend all construction meetings and prepare all meeting minutes.

F. SITE USE

Contractor may use a designated portion of the construction area for the job office. Parking may be limited at the site; the Owner will designate parking areas. Owner will designate all haul routes and materials handling within the property.

VI. PHASING OF WORK

A. CRITICAL DATES

1. Submit preliminary phased schedule for review/coordination to Chesney-Morales & Associates, Inc. within seven (7) days of Notice to Proceed.
2. Submit ALL shop drawings and product data within seven (7) days of Notice to Proceed.

B. CLOSE COORDINATION WITH CHESNEY-MORALES & ASSOCIATES, INC. AND FACILITY

1. Major material deliveries.
2. Debris removal.
3. Review of proposed staging areas.
4. Immediate notification of damage to any utility.
5. Site Security - review with Facility Administration and Owner.
6. Safety - all accidents to be reported and copies of E-1 of accidents to be submitted at construction meetings.
7. Vehicular operation and parking.

VII. PROJECT DURATION AND MILESTONES

VIII. QUESTIONS AND DISCUSSION FROM THE FLOOR

CLARIFICATION: All questions must be submitted to the Architect in writing.

NOTE: The cut-off date for questions to be submitted in writing to the Architect will be: Wednesday, May 9, 2012 at 5:00 p.m.

IX. CONCLUSION OF MEETING

- A. Provide answers to questions in writing.
- B. Provide submittal logs, forms, schedules, etc...

**Pre-Submission Meeting
Talking Points**

EXHIBIT "B"

Project Name: Old SAWS Headquarters Demolition Project (Project NO. 40-00013)

A. Review of Contract Requirements/Expectations

- Type of Contract: Low Bid
- Calendar Days: 120
- Required Forms
 - Please ensure to sign and date the 010, 024, SBEDA Subcontractor/Supplier Utilization Plan Form and all Addendum acknowledgment forms (if any).
 - Bid Bond or Cashier's Check is required
- Insurance & Bonds (Must be submitted within 10 days of contract award)
 - Certificate of Insurance (Article 11: General Conditions)
 - Waiver of Subrogation
 - Endorsements
 - Payment and Performance Bonds
- Labor Compliance (Wage & Hour)
 - The prevailing wage rates are listed on the 010 Invitation for Bid form as well as separate document in within the bid documents.

B. Submission of Responses

- Written Submission Deadline is **Friday, May 4, 2012, by 4:00 P.M.**
- Submittals are due **Tuesday, May 15, 2012, by 2:00 P.M.**
- Hand Delivery Location: City Clerk's Office, 2nd Floor of City Hall at 100 Military Plaza
- If mailed, packages need to be delivered and opened by 2:00 P.M. of Bid Opening date

C. Post Meeting Information –

- **Review Website** (<http://epay.sanantonio.gov/RFPListings/>)
- Summary of Pre-Submission Conference including questions/responses and a list of attendees;
- Amendments/Addenda to the solicitation/proposal
- Responses to questions presented subsequent to Pre-submission Conference, if any, and received prior to the deadline for questions.

D. Restriction on Communication (040 Form, Section 12)

- Respondents are prohibited from communication with the city staff and city officials regarding this solicitation with the following exceptions.
 - SBEDA Staff may be contacted for assistance
 - Written questions and comments concerning the solicitation shall be sent to the City and directed to the consultant, Chesney Morales.

Chesney-Morales & Associates, Inc.
4901 Broadway Suite 250
San Antonio, Texas 78209
(210) 828-9481
(210) 828-9719 (Fax)

- These questions must be received before the submittal deadline, **Friday, May 4, 2012, by 4:00 P.M.**
- Answers by consultants/or city will be given in writing to all prospective respondents in addendum form.

Project Name: Old SAWS Headquarters Demolition Project

Pre-Submittal Date: May 1, 2012

SBEDA Affirmative Procurement Initiative: SBE Subcontractor Program 10%

I. SBE Subcontracting Program

- **10%** must be subcontracted to certified SBE(s) designated within San Antonio Metropolitan Statistical Area (SAMSA)
- ***SBE Prime participation does NOT count towards SBE Subcontracting goal***
- Respondents must demonstrate their intent to accomplish this requirement by submitting the **Sub-Consultant/Supplier Utilization Commitment Form** with their response
- Failure of a respondent to demonstrate their commitment to meet the subcontracting requirement will deem its response nonresponsive
- Awardee will be required to complete and submit **Subcontractor/Supplier Utilization Plan Form** once final negotiations are complete

II. Eligibility Criteria

- Eligibility Certification:
 - SBE
 - SBE and M/WBE (AABE/ABE/HABE/NABE/WBE)
 - Certified through the South Central Texas Regional Certification Agency (SCTRCA) to perform commercially-useful function
- Be considered small under SBA size standards for specific industry category of work being proposed
- Headquartered or demonstrate “significant business presence” (20% of total company employees) regularly based in the SAMSA (Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina, or Wilson) for at least one year
- SBEDA staff can assist with priority certification while solicitation is open
- For additional information, contact Ruben Flores at 210.207.3923 or ruben.a.flores@sanantonio.gov and/or Maria Godina at 210.207.5438 maria.godina@sanantonio.gov

III. Waivers & Exceptions

- A full or partial waiver of a specified subcontracting goal may be requested, for good cause, by submitting the *Respondent Subcontracting Waiver Request* form with the solicitation response
 - Form is available at www.sanantonio.gov/edd/SmallBusiness/
 - Waiver request must fully document subcontractor unavailability despite good faith efforts to comply with the goal
- Respondent may request, for good cause, an Exception to the application of the SBEDA Program by submitting the *Exception to SBEDA Program Requirements Request* form with the solicitation response
 - Form available at www.sanantonio.gov/edd/SmallBusiness/
 - Exception request must fully document why:
 - ◆ Value of contract is below \$50,000;
 - ◆ No commercially-useful subcontracting opportunities exist; or
 - ◆ Type of contract is outside scope of the SBEDA Ordinance
- For Waivers or Exceptions, contact Aurora Perkins at 210.207.3996 or aurora.perkins@sanantonio.gov

IV. Central Vendor Registry (CVR)

- All contractors/consultants wishing to do business with the City must first register in the CVR
- To begin the registration process, please go to <http://www.sanantonio.gov/purchasing/SAePS.aspx>
- For technical assistance please call (210) 207-0118

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- For technical assistance please call (210) 207-0118

Meeting Attendance Log

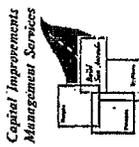
Project: SAWS DEMO BUILDING
Project #:
Purpose: PRE BID

Date: 05-01-12
Time:
Location: HBGCC

| Name | Company Or Department | Phone | Fax | Email address |
|------------------|-----------------------|-----------------|-----|---------------------------------------|
| JOSEPH RUBALCAVA | CMA | 828 9481 | | jruba@cavae.com cma-architects.com |
| RICHARD MORALES | CMA | 828 9481 | | rgm@cma-architects.com |
| Dana Delao | Alamo 1 | 210 404-1220 | | ddelalao@alamo1.com |
| Frank Jurek | Robles Service Corp | 566 5844 | | frank.jurek@roblesservicecorp.com |
| Marty Hunter | Hunter | 210-2275100 | | hunterdemo@h01.com |
| Ben Lopez | msm | 210-648-4010 | | benlopezmsmcontracting.com |
| Tim Ramon | J.R. Ramon | 210 225 1597 | | timramon@ramondemo1.com |
| Fernando D | America Architect | 391 1547 | | fernando@americaarchitect.com |
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MEETING SIGN-IN SHEET

Capital Improvements Management Services



DATE: May 1, 2012

PROJECT: Old SAWS Headquarters Demolition Project (Project NO. 40-00013)

| NAME | ORGANIZATION | PHONE | EMAIL |
|-------------------|--------------------------|--------------|---------------------------------|
| Guillermo Moya | COSA | 207-2147 | guillermo.moya@sanantonio.gov |
| Ron Ramirez | COSA | 207-8063 | ronald.ramirez@sanantonio.gov |
| Ben Lopez | MCM Contracting | 310-648-4010 | benlopez@mcmcontracting.com |
| Gerry Alexander | MCM | " " | " " |
| Ron Turner | Gerrit Mackay Demolition | 281-210-6330 | demolude@gerritmackayco.com |
| David Palacios | COSA | 207-2099 | David.Palacios@SanAntonio.gov |
| JOSEPH RUBALCAVA | CMA | 828 9481 | drubalca@cma-architects.com |
| RICHARD MORALES | CMA | 828 9481 | rgm@cma-architects.com |
| Javier Villarreal | Robles I | 324-9518 | Javier@robles1.net |
| Fernando Duran | American Architects | 391-1547 | Fernando@AmericanArchitects.com |
| JOHN RODRIGUEZ | COSA | 207-1082 | john.j.rodriguez@sanantonio.gov |
| Carissa Gamol | QMS Contracts | 207-8225 | Carissa.Gamol@SanAntonio.gov |
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April 30, 2012

Mr. Richard Morales, AIA
Chesney, Morales & Associates, Inc.
4901 Broadway, Suite 250
San Antonio, Texas 78209

Subject: SAWS Headquarters Demolition Project

Reference: Addendum No. 1

Dear Mr. Morales,

Please add Specification Section 312000 - Earth Moving in its entirety to the project bid package.

Thank you and please call if you have any questions.

Sincerely,

H. Michael Coyle, Jr., PE
President



4/30/12

SECTION 312000 - EARTH MOVING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Preparing subgrades for walks, turf, and grasses.
2. Subbase course for concrete walks.
3. Excavating and backfilling for utility capping, pits or abandonment.
4. Preparation of basement over-excavation and backfill placement

1.2 DEFINITIONS

A. Backfill: Soil material used to fill an excavation.

1. Initial Backfill: Backfill placed beside and over pipe in a pit, including haunches to support sides of pipe.
2. Final Backfill: Backfill placed over initial backfill to fill a pit.

B. Borrow Soil: Satisfactory soil imported from off-site for use as fill or backfill.

C. Excavation: Removal of material encountered above subgrade elevations and to lines and dimensions indicated.

1. Authorized Additional Excavation: Excavation below subgrade elevations or beyond indicated lines and dimensions as directed by Architect. Authorized additional excavation and replacement material will be paid for according to Contract provisions for changes in the Work.
2. Unauthorized Excavation: Excavation below subgrade elevations or beyond indicated lines and dimensions without direction by Architect. Unauthorized excavation, as well as remedial work directed by Architect, shall be without additional compensation.

D. Fill: Soil materials used to raise existing grades.

E. Structures: Buildings, footings, foundations, retaining walls, slabs, tanks, curbs, mechanical and electrical appurtenances, or other man-made stationary features constructed above or below the ground surface.

F. Subbase Course: Aggregate layer placed between the subgrade and base course for hot-mix asphalt pavement, or aggregate layer placed between the subgrade and a cement concrete pavement or a cement concrete or hot-mix asphalt walk.

G. Subgrade: Uppermost surface of an excavation or the top surface of a fill or backfill immediately below subbase, drainage fill, drainage course, or topsoil materials.

- H. Utilities: On-site underground pipes, conduits, ducts, and cables, as well as underground services within buildings.

1.3 QUALITY ASSURANCE

- A. Pre-excavation Conference: Conduct conference at Project site.
- B. All fill placement shall be in strict accordance with the recommendations contained within the "Geotechnical Engineering Study" prepared by Professional Services Industries, inc., Dated April 20, 2012. A copy can be obtained from the Architect.

1.4 PROJECT CONDITIONS

- A. Utility Locator Service: Notify utility locator service for area where Project is located before beginning earth moving operations.
- B. Do not commence earth moving operations until plant-protection measures are in place.

PART 2 - PRODUCTS

2.1 SOIL MATERIALS

- A. General: Provide borrow soil materials when sufficient satisfactory soil materials are not available from excavations.
 - 1. Prior to commencement of demolition activities, Contractor shall submit a demolition schedule for the entire project. The City of San Antonio desires to provide soil for engineered fill material for this project from other City construction sites. At the start of the project, the Contractor shall coordinate with the City to determine if fill material is available in a timely manner and if the available fill meets the minimum specifications of acceptable fill set forth by the geotechnical engineer.
- B. Satisfactory Soils for filling utility pits and other general areas of excavation include Soil Classification Groups GW, GP, GM, SW, SP, GC, CL, SC and SM according to ASTM D 2487, or a combination of these groups; free of rock or gravel larger than 3 inches in any dimension, debris, waste, frozen materials, vegetation, and other deleterious matter.
 - 1. Liquid Limit: 50 max.
 - 2. Plasticity Index: 35 max, 10 min
- C. Soil for filling the area where the building foundation and basement have been removed shall be Low Plasticity Clay (CL) with a Liquid Limit of 50 (max) and a Plasticity Index between 35 (max) and 10 (min).
- D. Unsatisfactory Soils: Soil Classification Groups, ML, OL, CH, MH, OH, and PT according to ASTM D 2487, or a combination of these groups.

1. Unsatisfactory soils also include satisfactory soils not maintained between optimum moisture content and plus 3 percent net of optimum moisture content at time of compaction.
- E. Subbase Material: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 95 percent passing a 1-1/2-inch sieve and not more than 12 percent passing a No. 200 sieve.
- F. Engineered Fill: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 95 percent passing a 1-1/2-inch sieve and not more than 12 percent passing a No. 200 sieve.

2.2 ACCESSORIES

- A. Warning Tape: Acid- and alkali-resistant, polyethylene film warning tape manufactured for marking and identifying underground utilities, 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility; colored to comply with local practice or requirements of authorities having jurisdiction.
- B. Detectable Warning Tape: Acid- and alkali-resistant, polyethylene film warning tape manufactured for marking and identifying underground utilities, a minimum of 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility, with metallic core encased in a protective jacket for corrosion protection, detectable by metal detector when tape is buried up to 30 inches deep; colored to comply with local practice or requirements of authorities having jurisdiction.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earth moving operations.
- B. Protect and maintain erosion and sedimentation controls during earth moving operations.
- C. Protect subgrade soils from freezing temperatures and frost. Remove temporary protection before placing subsequent materials.

3.2 EXCAVATION, GENERAL

- A. Unclassified Excavation: Excavate to subgrade elevations regardless of the character of surface and subsurface conditions encountered. Unclassified excavated materials may include rock, soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions.
 1. If excavated materials intended for fill and backfill include unsatisfactory soil materials and rock, replace with satisfactory soil materials.

3.3 EXCAVATION FOR WALKS AND PAVEMENTS

- A. Excavate surfaces under walks and pavements to indicated lines, cross sections, elevations, and subgrades.

3.4 EXCAVATION FOR UTILITY CAPPING

- A. Excavate pits to access existing utilities that are to be capped.
- B. Excavate pits to uniform widths to provide the following clearance on each side of pipe or conduit to be capped. Excavate pit walls vertically from pit bottom to 12 inches higher than top of pipe or conduit unless otherwise indicated.
 - 1. Clearance: 12 inches each side of pipe or conduit.
- C. Pit Bottoms: Excavate and shape pit bottoms to provide uniform bearing and support of pipe capping operations. Remove projecting stones and sharp objects along trench subgrade.
- D. Pits in Tree- and Plant-Protection Zones:
 - 1. Hand-excavate to indicated lines, cross sections, elevations, and subgrades. Use narrow-tine spading forks to comb soil and expose roots. Do not break, tear, or chop exposed roots. Do not use mechanical equipment that rips, tears, or pulls roots.
 - 2. Do not cut main lateral roots or taproots; cut only smaller roots that interfere with installation of utilities.
 - 3. Cut and protect roots.
- E. Utility pits or trenches should be backfilled with satisfactory soils as defined in Part 2, Section 2.1, or completely backfilled with lean concrete.

3.5 SUBGRADE INSPECTION

- A. Proof-roll subgrade of over-excavation with a pneumatic-tired dump truck to identify soft pockets and areas of excess yielding. Do not proof-roll wet or saturated subgrades.
- B. Reconstruct subgrades damaged by freezing temperatures, frost, rain, accumulated water, or construction activities, as directed by Architect, without additional compensation.

3.6 UNAUTHORIZED EXCAVATION

- A. Fill unauthorized excavation under foundations or wall footings by extending bottom elevation of concrete foundation or footing to excavation bottom, without altering top elevation. Lean concrete fill, with 28-day compressive strength of 2500 psi, may be used when approved by Architect.
 - 1. Fill unauthorized excavations under other construction, pipe, or conduit as directed by Architect.

3.7 STORAGE OF SOIL MATERIALS

- A. Stockpile borrow soil materials and excavated satisfactory soil materials without intermixing. Place, grade, and shape stockpiles to drain surface water. Cover to prevent windblown dust.
 - 1. Stockpile soil materials away from edge of excavations. Do not store within drip line of remaining trees.

3.8 SOIL FILL

- A. Plow, scarify, bench, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so fill material will bond with existing material.
- B. Place and compact fill material in layers to required elevations as follows:
 - 1. Under grass and planted areas, use satisfactory soil material.
 - 2. Under walks and pavements, use satisfactory soil material.

3.9 SOIL MOISTURE CONTROL

- A. Uniformly moisten or aerate subgrade and each subsequent fill or backfill soil layer before compaction to between optimum and plus 3 percent net of optimum moisture content.
 - 1. Do not place backfill or fill soil material on surfaces that are muddy, frozen, or contain frost or ice.
 - 2. Remove and replace, or scarify and air dry, otherwise satisfactory soil material that does not possess an in-situ moisture content between optimum moisture and 3 percent net of optimum moisture content.

3.10 COMPACTION OF SOIL BACKFILLS AND FILLS

- A. Place backfill and fill soil materials in layers not more than 8 inches in loose depth for material compacted by heavy compaction equipment, and not more than 4 inches in loose depth for material compacted by hand-operated tampers.
- B. Place backfill and fill soil materials evenly to required elevations, and uniformly across the over-excavated area.
- C. Compact soil materials to not less than the ninety-five (95) percent of maximum dry unit weight according to ASTM D 1557:
 - 1. Under walkways, scarify and recompact top 6 inches below subgrade and compact each layer of backfill or fill soil material at 95 percent.
 - 2. Under turf or unpaved areas, scarify and recompact top 6 inches below subgrade and compact each layer of backfill or fill soil material at 95 percent.
 - 3. For utility pits dug to cap utility lines, compact each layer of initial and final backfill soil material at 95 percent.

3.11 GRADING

- A. General: Uniformly grade areas to a smooth surface, free of irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.
- B. Site Rough Grading: Slope grades to direct water away from buildings and to prevent ponding. Finish subgrades to required elevations within the following tolerances:
 - 1. Turf or Unpaved Areas (above over-excavated area): Plus or minus 1 inch.
 - 2. Walks: Plus or minus 1 inch.
 - 3. Pavements: Plus or minus 1/2 inch.

3.12 SUBBASE AND BASE COURSES UNDER PAVEMENTS AND WALKS

- A. Place subbase course on subgrades free of mud, frost, snow, or ice.
- B. On prepared subgrade, place subbase course under pavements and walks as follows:
 - 1. Place subbase course that exceeds 6 inches in compacted thickness in layers of equal thickness, with no compacted layer more than 6 inches thick or less than 3 inches thick.
 - 2. Compact subbase course at optimum moisture content to required grades, lines, cross sections, and thickness to not less than 95 percent of maximum dry unit weight according to ASTM D 698.

3.13 FIELD QUALITY CONTROL

- A. Testing Agency: Owner will engage a qualified geotechnical engineering testing agency to perform tests and inspections.
- B. Allow testing agency to inspect and test subgrades and each fill or backfill layer. Proceed with subsequent earth moving only after test results for previously completed work comply with requirements.
- C. When testing agency reports that subgrades, fills, or backfills have not achieved degree of compaction specified, or where unstable subgrades, fills or backfills exist, scarify and moisten or aerate, or remove and replace soil materials to depth required; recompact and retest until specified compaction is obtained.

3.14 PROTECTION

- A. Protecting Graded Areas: Protect newly graded areas from traffic, freezing, exposure to inclement weather and erosion. Keep free of trash and debris.
- B. Repair and reestablish grades to specified tolerances where completed or partially completed surfaces become eroded, rutted, settled, or where they lose compaction due to subsequent construction operations or weather conditions.
- C. Where settling occurs before Project correction period elapses, remove finished surfacing, backfill with additional soil material, compact, and reconstruct surfacing.

1. Restore appearance, quality, and condition of finished surfacing to match adjacent work, and eliminate evidence of restoration to greatest extent possible.

3.15 DISPOSAL OF SURPLUS AND WASTE MATERIALS

- A. Remove surplus satisfactory soil and waste materials, including unsatisfactory soil, trash, and debris, and legally dispose of them off Owner's property.

END OF SECTION 312000

EXHIBIT "F"



April 20, 2012

**Chesney Morales Architects/Planners
& Associates, Inc.**
4901 Broadway, Suite 250
San Antonio, Texas 78209
Attn: Mr. Richard G Morales, AIA

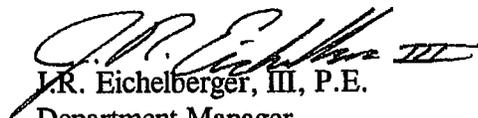
RE: **Geotechnical Engineering Study
Proposed SAWS Building Basement Backfill
Bowie Street and E. Market Street
Gardendale, Texas
PSI Project No.: 0312-563**

Dear Mr. Morales:

Professional Service Industries, Inc. (PSI) is pleased to submit the Geotechnical Engineering Study for the referenced project. This report includes the results of field and laboratory testing along with recommendations for use in preparation of the appropriate design and construction documents for this project.

We appreciate the opportunity to perform this Geotechnical Engineering Study and look forward to continuing participation during the design and construction phases of this project. If you have any questions pertaining to this report, or if we may be of further service, please contact our office.

Respectfully submitted,
Professional Service Industries, Inc.


J.R. Eichelberger, III, P.E.
Department Manager
Geotechnical Services

Copies submitted:

(2) Chesney Morales Architects/Planners & Associates, Inc.; Mr. Richard G Morales, AIA

GEOTECHNICAL ENGINEERING STUDY

**Proposed SAWS Building Basement Backfill
Bowie Street and E. Market Street
San Antonio, Texas**

PSI Project No.: 0312-563

PREPARED FOR

**Chesney Morales Architects/Planners & Associates, Inc.
4901 Broadway, Suite 250
San Antonio, Texas 78209**

April 20, 2012

BY

**PROFESSIONAL SERVICE INDUSTRIES, INC.
3 Burwood Lane
San Antonio, Texas 78216
Ph: (210) 342-9377 Fax: (210) 342-9401
Texas Registration No. F-3307**


**Ryan T. Coggins, P.E., S.I.
Senior Geotechnical Engineer
Geotechnical Services**



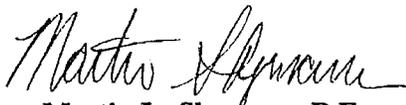

**Martin L. Skyrman, P.E.
Principal Consultant**



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PROJECT INFORMATION

Project Authorization

Professional Service Industries, Inc. (PSI) has completed a geotechnical engineering study to evaluate the subsurface conditions at the SAWS building located at the intersection of East Market Street and Bowie Street in San Antonio, Texas. Mr. Richard Morales, representing Chesney Morales Architects/Planners & Associates, Inc., authorized the geotechnical services for this project by signing PSI Proposal No. 64852 dated March 8, 2012. This study was accomplished in general accordance with that proposal.

Project Description

The existing SAWS building located on the referenced site is planned to be demolished and backfilled in preparation for future roadway construction. PSI has been requested to evaluate borings located adjacent to the structure and provide general recommendations to backfill the basement area once demolition is complete. It is planned that the final grades will be near the surrounding ground surface elevations.

The geotechnical recommendations presented in this report are based on the conceptual project information provided to us and the subsurface materials described in this report. Once plans are more final, PSI should be provided the opportunity to review the recommendations presented herein, as necessary. Supplemental exploration and engineering evaluation will be required to develop pavement or other design recommendations. If any of the noted information is incorrect, please inform PSI in writing so that we may amend the recommendations presented in this report, as appropriate. PSI will not be responsible for the implementation of our recommendations when we are not notified of changes in the project details.

Purpose and Scope of Services

The purpose of this study is to evaluate the subsurface conditions at the site and develop geotechnical engineering recommendations to prepare the site for future construction of a roadway. Two (2) borings extended to a depth of 20 feet were performed near the existing basement foundation area to generally assess the existing conditions in the area of the structure. Findings from this exploration will assist in preparing the area for fill placement and provide criteria for fill materials as well as placement procedures. Design level pavement recommendations are beyond the scope of this exploration. This report briefly outlines the available project information, describes the site and subsurface conditions, and presents our recommendations regarding the following:

- General site development and subgrade preparation.
- Selection and placement of fill and backfill within the construction limits.
- General comments regarding factors that may impact construction and performance of the proposed construction.

The scope of services for this project did not include an environmental assessment for determining the presence or absence of wetlands, or hazardous or toxic materials in the soil, bedrock, surface water, groundwater, or air on or below, or around this site. Any statements in this report or on the boring logs regarding odors, colors, and unusual or suspicious items or conditions are strictly for informational purposes. Additionally, PSI did not provide any service to investigate or detect the presence of moisture, mold, or other biological contaminants in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture.

SITE AND SUBSURFACE CONDITIONS

Site Description

The site is located near the intersection of Bowie Street and East Market Street in San Antonio, Texas. The site is bordered by East Commerce Street to the north, Interstate Highway 37 to the east, East Market Street to the south and an office building to the west. Topographically, the site is essentially flat.

Vegetation at the site generally consists of landscaping, grass, and trees. The ground surface was generally noted to be firm at the time of the drilling operations and the truck mounted drill rig experienced no difficulty moving about the majority of the site.

Subsurface Conditions

The subsurface conditions were evaluated by drilling a total of two (2) exploratory borings to a depth of 20 feet. The number of borings, boring depths, and boring locations were selected to provide a general assessment of the soils near the basement foundation area. The borings were drilled utilizing solid flight augers and soil samples were obtained at regular depth intervals during the drilling process. Drilling and sampling techniques were accomplished in general accordance with ASTM procedures. Boring locations on the appended Boring Location Plan were estimated based on measuring or approximating distances from features identified on the site plan and aerial map. Referenced boring locations should be considered approximate and if more precise locations or elevations are required, a registered surveyor should be contracted to field locate the borings.

The soil samples obtained during the field exploration were transported to the laboratory and selected soil samples were tested in the laboratory to assess intrinsic material properties for geotechnical evaluation. Laboratory testing on selected samples included Moisture Content (ASTM D2216), Atterberg Limits (ASTM D4318) and Percent Passing No. 200 Sieve (ASTM D1140). The soil samples obtained from the drilling operation were classified in general accordance with ASTM D2487 or D2488. Laboratory test data along with detailed descriptions of the soils can be found on the appended boring logs.

A total of two (2) borings were performed at the project site to a depth of 20 feet below the ground surface. Generally, the borings encountered very stiff to hard FAT CLAY and LEAN CLAY. The Boring Location Plan and boring records are appended and should be reviewed for additional and specific details regarding the soils encountered by the borings.

The above subsurface descriptions are of a generalized nature to highlight the major subsurface stratification features and material characteristics. Boring logs included in the Appendix should be reviewed for specific information such as soil and rock descriptions, stratifications, penetration resistances, locations of the samples, and laboratory test data. The stratifications shown on each boring log only represent the interpreted conditions at that actual boring location and represent the approximate boundaries between subsurface materials. The actual transitions between strata may be more or less gradual. Variations will occur and should be expected at locations between or away from the boring locations. Water level observations, where encountered, made during field operations are also shown on the boring logs. Portions of any samples that are not altered or used for laboratory testing will be retained for a period of 60 days from the date of this report and will then be discarded.

Groundwater Information

The borings were advanced using a combination of dry drilling techniques to their termination depths, enabling observation of the presence of groundwater levels during drilling operations. Groundwater was not encountered by the exploratory borings. Upon completion of groundwater observations, the boreholes were backfilled with soil cuttings.

Groundwater levels are influenced by seasonal and climatic conditions which generally result in fluctuations in the elevation of the groundwater level over time. In addition, transient “perched” water can be present within granular or gravelly layers and seams, especially after periods of rainfall. Such conditions may go unidentified during the geotechnical exploration phase but may become evident during the construction phase. Intermittent surface drainage features can also influence groundwater levels over time. Therefore, short-term (construction) and long-term groundwater conditions should be considered. The foundation contractor should check groundwater conditions just prior to foundation excavation activities. Specific information concerning groundwater is noted on each boring log presented in the Appendix of this report.

EVALUATION AND RECOMMENDATIONS

Geotechnical Discussion

The following site preparation and fill placement procedures are provided to assist the project team in preparing the site for future construction of a roadway. All phases of earthwork construction should be observed by a representative of PSI.

- We recommend that any old fill, existing pavements, demolition debris, foundations,

topsoil, vegetation, roots, loose or soft soils, over-sized particles and any other deleterious materials within the excavation area be stripped and removed from the site. Where over-excavated soils are to be reused, the material should satisfy the requirements recommended for fill in subsequent sections of this report.

- After stripping and excavating to the proposed subgrade level, the exposed subgrade should be proof-rolled with a heavily loaded tandem axle dump truck or similar rubber tired vehicle in the presence of a PSI representative and should be performed during a period of dry weather. Proof-rolling should be performed in accordance with Item 216 of Texas Department of Transportation, *Standard Specification for Construction of Highways, Streets and Bridges* (TxDOT Specification). Soils that are observed to rut or deflect excessively under the moving load should be removed and replaced with properly compacted select fill. The proof-rolling and undercutting activities should be observed by a representative of PSI and should be performed during a period of dry weather. The subgrade soils should be scarified to a depth of at least eight (8) inches and moisture conditioned to between optimum and plus three (+3) percent of optimum. The soils should then be compacted to a minimum of 95 percent of the standard Proctor (ASTM D698) maximum dry density. Subgrade in-situ moisture and compaction should be maintained prior to placing additional fill.
- After subgrade preparation and observations have been completed, fill placement may begin to achieve the final construction elevation. Each layer of compacted fill should be placed in relatively uniform horizontal lifts with a maximum loose lift thickness of eight (8) inches. The thickness of each compacted lift should not exceed six (6) inches. Soil fill should be placed and compacted to at least 95 percent of the modified Proctor maximum dry density as determined by ASTM D1557. The fill materials should be moisture conditioned to between optimum and plus three (+3) percentage points above the optimum moisture content value. Each lift of compacted select fill should be observed and conformance testing performed by a representative of the Geotechnical Engineer prior to placement of subsequent lifts.

General Fill Recommendations

General fill materials may consist of onsite soils, general fill materials or clean imported fill soils. For this project, the fill mass is recommended to be comprised of properly compacted, LEAN CLAY soil. The purpose of a general fill is to provide a soil material with good compaction characteristics that will provide suitable, uniform support for pavements and other non-habitable facilities that are not extremely sensitive to movements. Preferably, general fill should be relatively similar to the soils encountered by the borings such that the new fill performs similar to the surrounding soils. As a result, there are not specific requirements with regard to a given soil type for use as general fill. The suggested general fill materials also include the use of CH, CL, SC, GC, SW, or GW materials as defined by ASTM D2487. Other non-organic soil types may be used but will likely require extensive preparation to produce adequate compaction

and strength characteristics. Where granular or gravelly soils are considered for use as fill, underdrains should be incorporated in to the construction to prevent the accumulation of groundwater within the fill mass.

General fill material should be clean and free of any vegetation, roots, organic materials, trash or garbage, construction debris, or other deleterious materials and should contain stones no larger than three (3) inches in maximum dimension. If the use of oversized aggregate in the fill body is desired, PSI should be contacted to provide recommendations for those materials on a case-by-case basis prior to beginning fill placement. The Plasticity Index of general fill material should be limited to a maximum of about 35. Some of the materials excavated to prepare the excavation may be able to be reused as general fill. Laboratory testing and field testing at the time of construction should be performed to supplement the geotechnical recommendations herein and to further evaluate material utilization at this site.

Where moisture conditioning is necessary, water should be uniformly added and thoroughly mixed to achieve the appropriate moisture levels to facilitate compaction. Additionally, in-situ moistures should be maintained at an appropriate level after the soil fill placement and prior to additional fill placement or further construction.

CONSTRUCTION CONSIDERATIONS

PSI should be retained to provide observation and testing of construction activities involved in the earthwork and related activities of this project. PSI cannot accept any responsibility for any conditions which deviate from those described in this report, nor for the performance of the fill soils and if not engaged to also provide construction observation and testing for this project.

Moisture Sensitive Soils/Weather Related Concerns

Soils are sensitive to disturbances caused by construction traffic and changes in moisture content. During wet weather periods, increases in the moisture content of the soil can cause significant reduction in the soil strength and support capabilities. In addition, soils which become wet may be slow to dry and thus significantly retard the progress of grading and compaction activities. It will, therefore, be advantageous to perform earthwork and foundation construction activities during dry weather.

Drainage Concerns

Water should not be allowed to collect in the excavations or on prepared subgrades within the construction area either during or after construction. Undercut or excavated areas should be sloped toward one corner to facilitate removal of any collected rainwater, groundwater, or surface runoff. Positive surface drainage at the site should be provided to reduce infiltration of surface water in to the fill body. The finish grades should be sloped to drain and the surface drainage

should be collected and discharged such that water is not permitted to infiltrate the soils around excavations.

Excavations

The Occupational Safety and Health Administration (OSHA) Safety and Health Standards (29 CFR Part 1926, Revised October 1989), require that excavations be constructed in accordance with the current OSHA guidelines. Furthermore, the State of Texas requires that detailed plans and specifications meeting OSHA standards be prepared for trench and excavation retention systems used during construction. We understand that these regulations are being strictly enforced, and if they are not closely followed, the owner and the contractor could be liable for substantial penalties.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's "responsible person", as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and Federal safety regulations.

We are providing this information solely as a service to our client. PSI does not assume responsibility for construction site safety or the contractor's or other parties' compliance with local, state, and Federal safety or other regulations.

REPORT LIMITATIONS

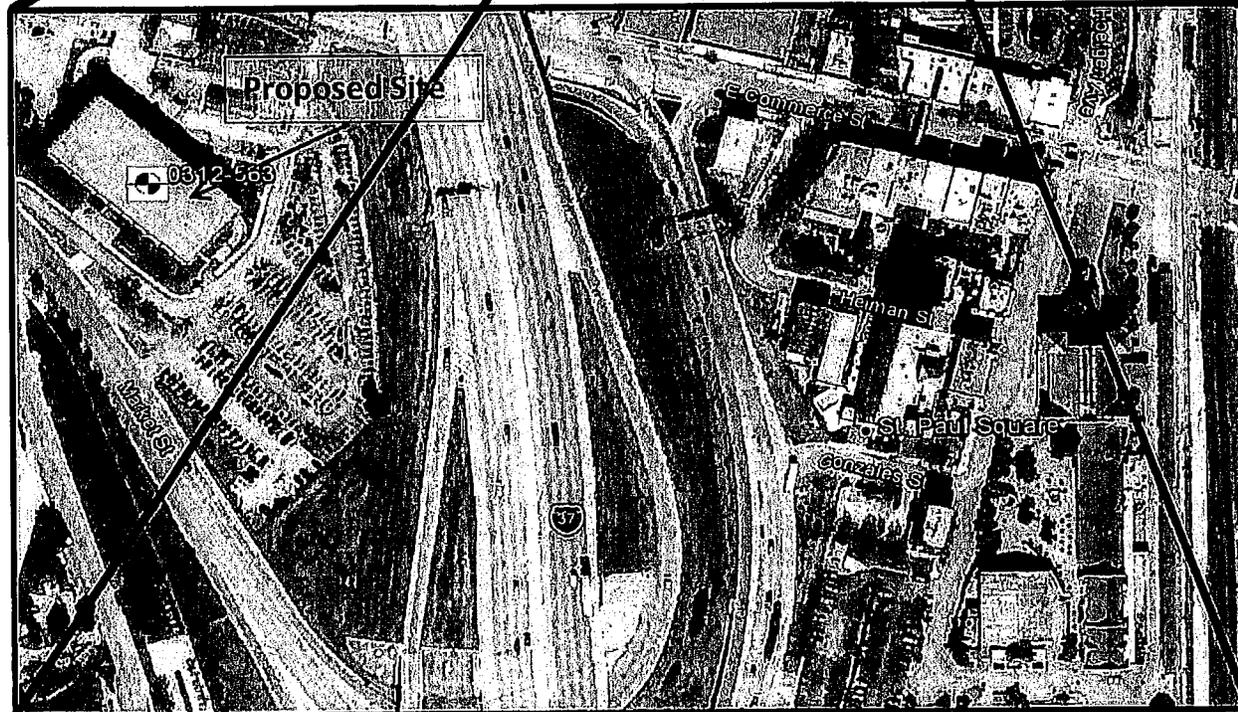
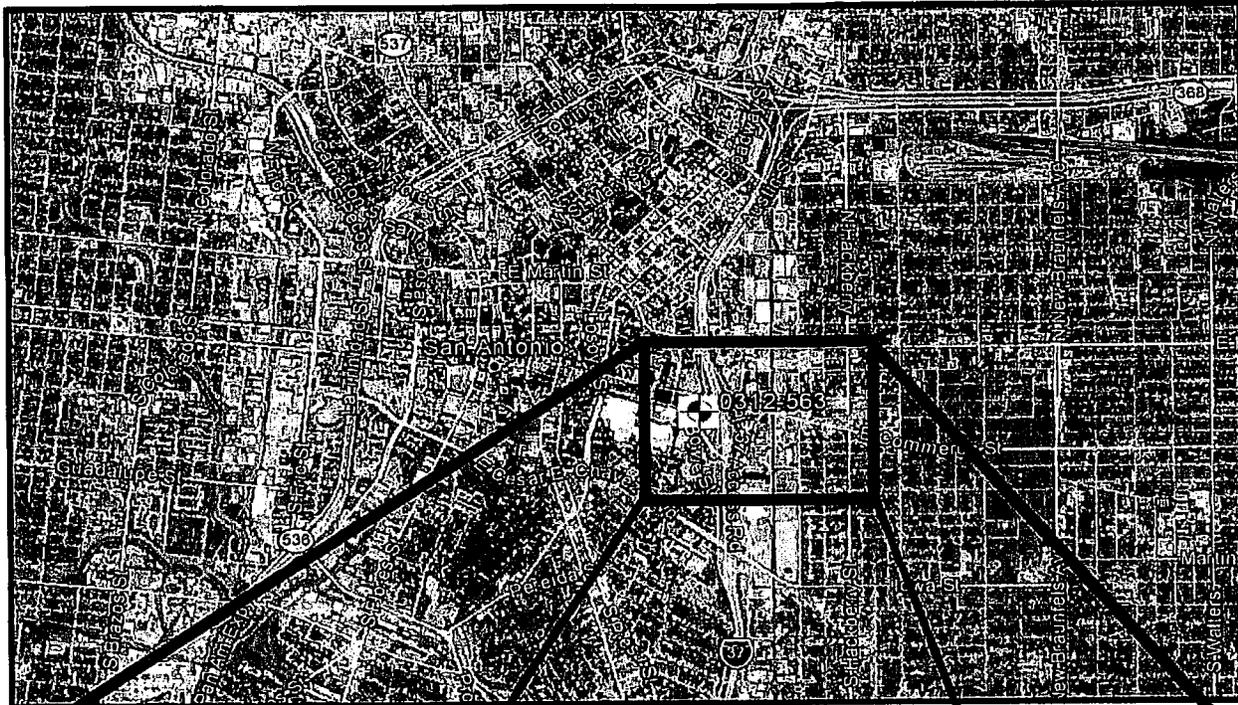
The recommendations submitted in this report are based on the available subsurface information obtained by PSI and conceptual project details furnished by the client for the proposed project. Recommendations provided in this report should not be used for design purposes other than that described herein. Supplemental exploration and engineering evaluation will be required to assess the final subgrade soil conditions and formal pavement design relative to the proposed roadway. PSI must be provided the opportunity to review the final design information relative to our geotechnical recommendations and confirmation provided in writing that these recommendations remain applicable to the project at that time. If there are any revisions to the plans for this project, or if deviations from the subsurface conditions noted in this report are encountered during construction, PSI should be notified immediately to determine if changes in the recommendations presented in this report are required. If PSI is not notified of such changes, PSI will not be responsible for the impact of those changes on the project.

The Geotechnical Engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional Geotechnical Engineering practices in the local area. No other warranties are implied

or expressed. This report should not be copied, except in its entirety, without the written consent of PSI.

After the plans and specifications are more complete, the Geotechnical Engineer should be retained and provided the opportunity to review the final design plans and specifications to check that our engineering recommendations have been properly incorporated into the design documents. At that time, it may be necessary to perform supplemental exploration and/or submit supplemental recommendations. If PSI is not retained to perform these functions, PSI will not be responsible for the impact of those conditions on the project or for the interpretations and assumptions of others based on the available information or recommendations presented herein. This report has been prepared for the exclusive use of Chesney Morales Architects/Planners & Associates, Inc. and for the specific application to the proposed SAWS Building Basement Backfill located near the intersection of East Market Street and Bowie Street in San Antonio, Texas.

APPENDIX



SITE VICINITY MAP



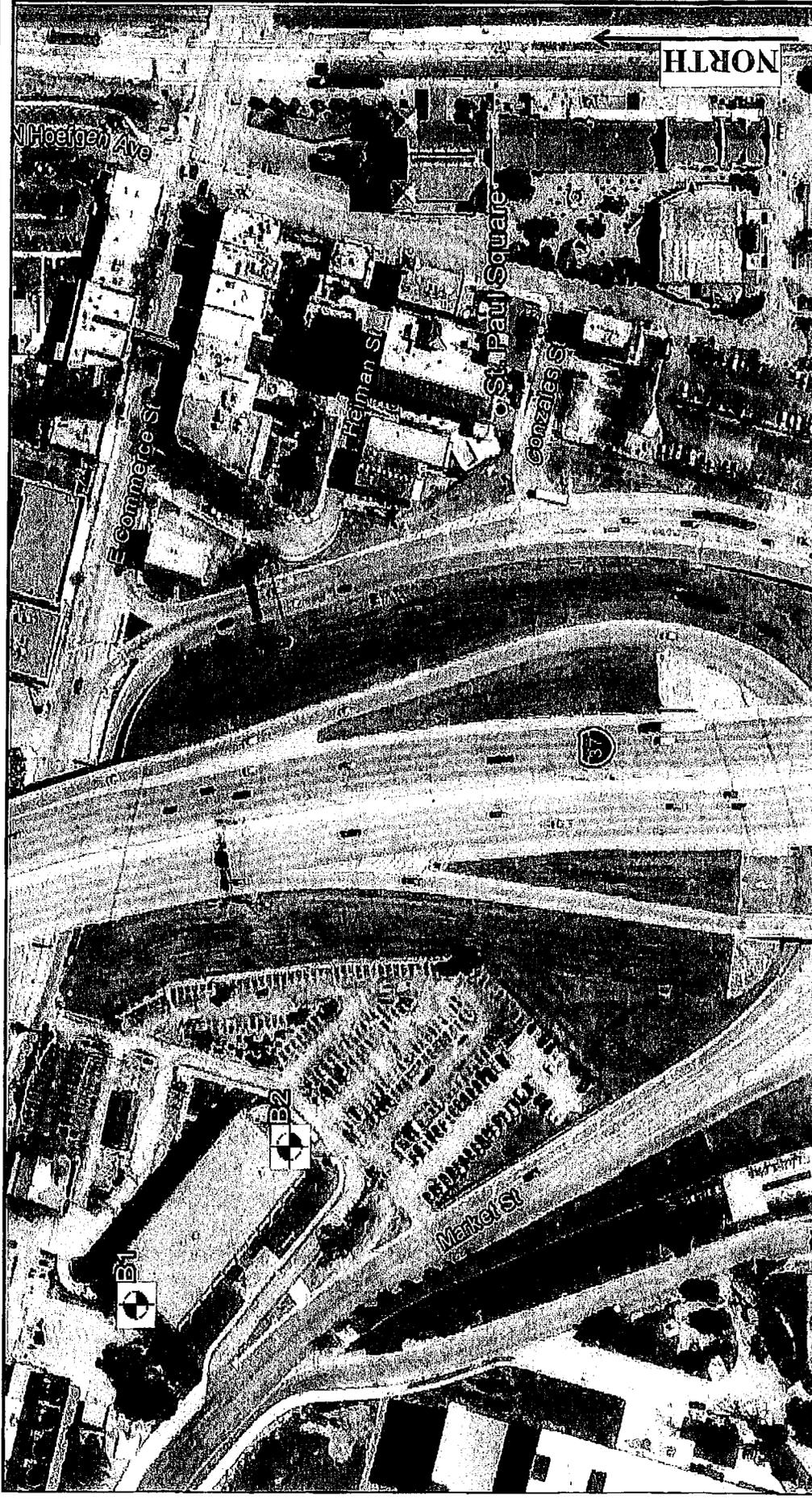
| Project Name and Location |
|--|
| Proposed SAWS Building Basement Backfill Bowie Street and Market Street San Antonio, Texas |

| Date |
|------------|
| April 2012 |

| PSI Project No. |
|-----------------|
| 0312-563 |

Professional Service Industries, Inc.





LEGEND

 - APPROXIMATE BORING LOCATION

| | | | |
|--|--|-----------------------------------|--|
| <p>Project Name and Location Proposed SAWS Building Basement Backfill Bowie Street and Market Street San Antonio, Texas</p> | <p>BORING LOCATION PLAN (Boring Locations are Approximate) Not to Scale</p> | <p>Date April 2012</p> | <p>PSI Project No. 0312-563</p> |
|--|--|-----------------------------------|--|

Professional Service Industries, Inc.



Proposed SAWS Building Basement Backfill
Bowie and Market Street
Project No. 0312-563

BORING B-1

LOCATION: See Boring Location Plan

| DEPTH, FT. | SYMBOL SAMPLES | WATER | SOIL DESCRIPTION | Elevation: | MOISTURE CONTENT | % RETAINED #4 | % PASSING #200 | SPT (N) & TCP (T) VALUES | % REC | %RQD | LIQUID LIMIT | PLASTIC LIMIT | PLASTICITY INDEX | HAND PEN (TSF) ● UNC CMP (TSF) | | | UNCONF. COMP. (TSF) | UNIT DRY WT. (LB/CU FT) |
|------------|----------------|-------|---|------------|------------------|---------------|----------------|--------------------------|-------|------|--------------|---------------|------------------|--------------------------------|-----|-----|---------------------|-------------------------|
| | | | | | | | | | | | | | | 2.0 | 4.0 | 6.0 | | |
| | | | | | | | | | | | | | | PL | WC | LL | | |
| | | | | | | | | | | | | | | 20 | 40 | 60 | | |
| | | | DENSE, dark brown, CLAYEY SAND (SC) - FILL | | | | | | | | | | | | | | | |
| | | | HARD, tan brown, SANDY FAT CLAY (CH) | | 10 | | | | | | | | | | | | | |
| | | | | | 19 | | | | | | 54 | 15 | 39 | | | | | |
| 5 | | | | | 16 | | | | | | | | | | | | | |
| | | | HARD, dark brown to brown, FAT CLAY (CH) | | 22 | | | | | | 53 | 15 | 38 | | | | | |
| | | | | | 25 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| | | | HARD, tan brown, LEAN CLAY (CL) with calcareous nodules | | 16 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
| | | | Boring terminated at a depth of approximately 15 feet | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |

GEO TESTS 0312-563.GPJ DATA FORM.GDT 4/19/12

COMPLETION DEPTH: 15.0 Feet
 DATE: 4/14/12



DEPTH TO GROUND WATER
 SEEPAGE (ft.): NONE ENCOUNTERED
 END OF DRILLING (ft.): NONE ENCOUNTERED
 DELAYED WATER LEVEL (FT):

Proposed SAWS Building Basement Backfill
Bowie and Market Street
Project No. 0312-563

BORING B-2

LOCATION: See Boring Location Plan

| DEPTH, FT. | SYMBOL SAMPLES | WATER | SOIL DESCRIPTION | ELEVATION | MOISTURE CONTENT | % RETAINED #4 | % PASSING #200 | SPT (N) & TCP (T) VALUES | % REC | %RQD | LIQUID LIMIT | PLASTIC LIMIT | PLASTICITY INDEX | HAND PEN (TSF) ● UNC CMP (TSF) | | | UNCONF. COMP. (TSF) | UNIT DRY WT. (LB/CU FT.) |
|------------|----------------|-------|---|-----------|------------------|---------------|----------------|--------------------------|-------|------|--------------|---------------|------------------|-----------------------------------|-----|-----|---------------------|--------------------------|
| | | | | | | | | | | | | | | 2.0 | 4.0 | 6.0 | | |
| | | | | | | | | | | | | | | PL | WC | LL | | |
| | | | | | | | | | | | | | | 20 | 40 | 60 | | |
| | | | DENSE, tan brown, CLAYEY SAND (SC), FILL | | | | | | | | | | | | | | | |
| | | | HARD, dark brown, FAT CLAY (CH) | | 16 | | | | | | | | | | | | | |
| | | | | | 30 | | | | | | 79 | 22 | 57 | | | | | |
| 5 | | | | | 23 | | | 22 | | | | | | | | | | |
| | | | | | 24 | | | 19 | | | 67 | 18 | 49 | | | | | |
| | | | HARD, tan brown, LEAN CLAY (CL) | | 17 | | | 28 | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| | | | | | 13 | | | 63 | | | 19 | 13 | 6 | | | | | |
| 15 | | | Boring terminated at a depth of approximately 15 feet | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |

GEO TESTS 0312-563.GPJ DATA FORM.GDT 4/19/12

COMPLETION DEPTH: 15.0 Feet
 DATE: 4/14/12



DEPTH TO GROUND WATER
 SEEPAGE (ft.): NONE ENCOUNTERED
 END OF DRILLING (ft.): NONE ENCOUNTERED
 DELAYED WATER LEVEL (FT):

Symbol Key Sheet

Material Symbols

| | | | | | | | | | |
|--|--------------|--|--------------------|--|-------------------|--|-------------------|--|--------------------|
| | "FILL" | | Clay (CH) | | Sandy Clay (CL) | | Silty Clay (CL) | | Lean Clay (CL) |
| | Asphalt | | Clayey Sand (SC) | | Sand (SP) | | Silty Sand (SM) | | Gravelly Sand (SP) |
| | Base | | Clayey Silt (ML) | | Sandy Silt (ML) | | Silt (ML) | | Gravelly Silt (ML) |
| | Concrete | | Clayey Gravel (GC) | | Sandy Gravel (GP) | | Silty Gravel (GM) | | Gravel (GP or GW) |
| | Conglomerate | | Limestone | | Marl | | Sandstone | | Shale |

Strength of Cohesive Soils

| Consistency | Undrained Shear Strength, KSF |
|-------------|-------------------------------|
| Very Soft | less than 0.25 |
| Soft | 0.25 to 0.50 |
| Firm | 0.50 to 1.00 |
| Stiff | 1.00 to 2.00 |
| Very Stiff | 2.00 to 4.00 |
| Hard | greater than 4.00 |

Soil Plasticity

| Degree of Plasticity | Plasticity Index (PI) |
|----------------------|-----------------------|
| None | 0 to 5 |
| Low | 5 to 10 |
| Moderate | 10 to 20 |
| Plastic | 20 to 40 |
| Highly Plastic | more than 40 |

Density of Granular Soils

| Descriptive Term | SPT Blow Count (blows/ft) |
|------------------|---------------------------|
| Very Loose | less than 4 |
| Loose | 4 to 10 |
| Medium Dense | 10 to 30 |
| Dense | 30 to 50 |
| Very Dense | more than 50 |

Standard Penetration Test (ASTM D 1586) Driving Record

Note: Driving is limited to 50 blows per interval, or 25 blows for 0.25 inch advancement, whichever controls. This is done to avoid damaging sampling tools.

Blows Per Foot

Description

| | |
|--------|--|
| 25 | Sampler was seated 6 inches, then 25 blows were required to advance the sampler 12 inches. |
| 75/8" | Sampler was seated 6 inches, 25 blows were required for the second 6 inch increment and the 50 blow limit was reached at 2 inches of the last increment. |
| Ref/2" | Sampler could only be driven 2 inches of the 6 inch seating penetration before the 50 blow limit was reached. |

Terms Characterizing Structure

Soil Terms

Description

| | |
|-------------------|---|
| Blocky | Contains cracks or failure planes resulting in rough cubes of material. |
| Calcareous | Contains appreciable quantities of calcium carbonate. |
| Fissured | Contains shrinkage cracks, which are frequently filled with fine sand or silt. The fissures are usually near vertical in orientation. |
| Interbedded | Composed of alternating layers of different soil types. |
| Laminated | Composed of thin layers of varying color and texture. |
| Nodules | Secondary inclusions that appear as small lumps about 0.1 to 0.3 inch in diameter. |
| Partings | Inclusion of different material less than 1/8 inch thick extending through the sample. |
| Pockets | Inclusion of different material that is smaller than the diameter of the sample. |
| Seams | Inclusion of different material between 1/8 and 3 inches thick, and extends through the sample. |
| Slickensided | Has inclined planes of weakness that are slick and glossy in appearance. Slickensides are commonly thought to be randomly oriented. |
| Streaks or Stains | Stains of limited extent that appear as short stripes, spots or blotches. |

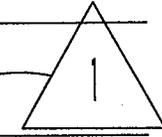
Rock Terms

| | |
|--------------------------------|---|
| Bedding Plane | A surface parallel to the surface of deposition, generally marked by changes in color or grain size. |
| Fracture | A natural break in rock along which no displacement has occurred. |
| Joint | A natural break along which no displacement has occurred, and which generally intersects primary surfaces. |
| % Recovery | The ratio of total length of recovery to the total length of core run, expressed as a percentage. |
| RQD - Rock Quality Designation | The ratio of total recovered length of fragments longer than 4 inches to the total run length, expressed as a percentage. |
| Weathering | The process by which rock is broken down and decomposed. |

Sampler Symbols

| | | | | | | | | | | | | | |
|--|--------------|--|-------------|--|----------------------------|--|-------------|--|-------------|--|------------------------------|--|------------|
| | Flight Auger | | Core Barrel | | Disturbed Shelby Tube (3") | | No Recovery | | Grab Sample | | Undisturbed Shelby Tube (3") | | SPT Sample |
|--|--------------|--|-------------|--|----------------------------|--|-------------|--|-------------|--|------------------------------|--|------------|

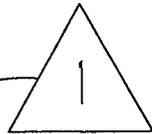
ASBESTOS GENERAL NOTES



ADDENDA #1

1. GENERAL CONTRACTOR IS TO REFER TO THE ASBESTOS SURVEY REPORT DETAILING AREAS OF ASBESTOS CONTAINING MATERIALS FOUND WITHIN THE BUILDING. THESE AREAS HAVE BEEN OR WILL BE ABATED BY SEPARATE CONTRACT PRIOR TO COMMENCEMENT OF THIS PROJECT
2. GENERAL CONTRACTOR IS TO REFER TO AMENDMENT #2 TO THE SPECIFICATIONS FOR ASBESTOS ABATEMENT FOR LOCATIONS OF ASBESTOS CONTAINING MATERIALS LOCATED BEHIND THE BRICK VENEER. GENERAL CONTRACTOR TO SUBMIT A HAZARDOUS MATERIALS ABATEMENT WORK PLAN PROVIDED BY A LICENSED ABATEMENT SPECIALIST. GENERAL CONTRACTOR TO HAVE ALL HAZARDOUS CONTAINING MATERIALS ABATED BY A LICENSED ABATEMENT CONTRACTOR
3. ASBESTOS. IF ASBESTOS IS ENCOUNTERED DURING THE DEMOLITION WORK, (OTHER THAN THAT IDENTIFIED BEHIND THE EXTERIOR BRICK) THE GENERAL CONTRACTOR IS TO STOP ALL DEMOLITION WORK AND CONTACT THE ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION .

4. NOT USED



ADDENDA #1



05-04-12

5. GENERAL CONTRACTOR, SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS ARE TO CERTIFY THAT ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION OF THIS PROJECT DO NOT CONTAIN ASBESTOS IN ANY AMOUNT IN ACCORDANCE WITH THE 1978 TOXIC SUBSTANCE CONTROL ACT.

EXHIBIT "H"

CITY OF SAN ANTONIO
DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES
CONTRACT SERVICES DIVISION

RECEIPT OF ADDENDUM NUMBER(S) ___ IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATION FOR SAWS Building Demolition.
FOR WHICH BIDS WILL BE OPENED ON Tuesday, May 15, 2012.

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE:

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title

Issued By: CIMS Department
Project # 40-00013

Date Issued: April 18, 2012
Page 1 of 1

FORMAL INVITATION FOR BIDS (IFB) and CONTRACT
OLD SAWS HEADQUARTERS DEMOLITION PROJECT (PROJECT NO. 40-00013)

Sealed bids, subject to the Terms and Conditions of this Invitation for Bids and other contract provisions, will be received at the Office of the City Clerk, City Hall, 100 Military Plaza, 2nd floor San Antonio, TX 78205 until 2:00 p.m. CST on Tuesday, May 15, 2012 and publicly read aloud at 114 W. Commerce, Municipal Plaza Building "B" Room. This is the solicitation deadline. Bids must be submitted in a sealed envelope and clearly marked with the due date of bid, bidder name, Project Name and ID NO. The City is not responsible for submissions not clearly and appropriately marked. Late submissions will be rejected and returned to bidder. A Non-Mandatory Pre-submittal conference will be held at 200 E. Market, Henry B. Gonzalez Convention Center, Room 102A, San Antonio, TX 78205 on Tuesday, May 1, 2012 at 10:00 am.

TABLE A - This invitation includes the following Contract Documents:

- 010 Invitation for Bids and Contract Signature Page
020 Bid Form
024 Unit Pricing Form
040 Standard Instructions to Respondent
060 Supplemental Conditions
050.01 SBEDA Guidelines
085 General Conditions for Heavy/Hwy Construction Contracts
Subcontractor/Supplier Utilization Plan
Exception to SBEDA Program Requirements Request Form
Respondent/Vendor Subcontracting Waiver Request Form
Performance Bond Template
Payment Bond Template
Heavy/Hwy Wage Decision

Plans, Specifications and Special Conditions may be purchased at a cost of \$100.00 per set (tax included) from the office of Chesney Morales & Associates, Architects, Inc. at 4901 Broadway, Suite 250, San Antonio, TX 78251 Phone- (210) 828-9481. No refund will be made for plan sets that are returned. Addenda will be posted on the web at www.sanantonio.gov/rfplistings along with this solicitation. Changes to Plans, Specifications and Special Conditions will be included in an addendum and may be obtained from the office of Chesney Morales & Associates, Architects, Inc. Bidder understands and agrees that bidder is responsible for obtaining addenda and adhering to all requirements in addenda. City is not responsible for incorrect information obtained through other sources.

Respondents must demonstrate commitment to satisfy a ten percent (10%) subcontracting goal. In the absence of a waiver granted by the Small Business Office, failure of a Respondent to commit to satisfying the SBE subcontracting goal shall render its response NON-RESPONSIVE.

The following documents (fully completed and with original signatures) constitute the required information to be submitted as a part of the bid proposal clearly marked on the outside of the sealed envelope with the due date of bid, bidder name, Project Name and ID NO as follows:

- 1.) 010 Invitation for Bids and Contract Signature Page
2.) 020 Bid Form
3.) 024 Unit Pricing Form
5.) Bid Bond
6.) Subcontractor/Supplier Utilization Plan
7.) Signed Addenda Acknowledgement Forms

It is understood and agreed that the work is to be completed in full on or before 120 calendar days. This project includes hazardous environmental work. This project requires 2 project sign(s).

This is a Public Works Contract and chapter 2258 of the Texas Government Code requires that not less than the prevailing wage rate for work of a similar character in this locality shall be paid all laborers, workmen, and mechanics employed in the construction thereof. The Wage Decision Number TX120016 01/06/2012 TX16 Mod 0 - Heavy Highway shall be used on this contract, which is available on the web at http://www.wdol.gov/dba.aspx#0.

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with Contract Documents for the amount(s) shown on the accompanying bid sheet(s). The work proposed to be done shall be accepted when fully completed and finished to the entire satisfaction of the City. The undersigned certifies all prices contained in this bid have been carefully checked and are submitted as correct and final. The Bidder by submitting this bid and signing below, acknowledges that he/she has received & read the entire Bid and Contract document and agrees to be bound by the terms therein, has received all Addenda, and agrees to the terms, conditions, and requirements of the bidder's bid proposal and all documents listed in TABLE A above and the enabling Ordinance and associated documentation that form the entire Contract upon approval by the City Council.

Official Name of Company (legal): _____

Original Signature of Person Authorized to Sign Bid/Contract / Signer's Name: _____
Date (Please Print or Type)
Form 010 Invitation for Bids (IFB) and Contract Signature Page