

WORK AUTHORIZATION NUMBER 1

This Work Authorization is made as of this 27th day of January, 2017, under the terms and conditions established in the Agreement for Engineering Services (General Engineering Consultant (GEC) – Program Management, Planning & Design Services), dated May, 201 (the Agreement), between Williamson County, Texas (County) and Prime Strategies, Inc. (PSI). This Work Authorization is made for the following purpose, consistent with the Project defined in the Agreement:

Provide engineering management services required for the Williamson County Long Range Transportation Plan (LTP) Corridor Program including manage design consultants, agency reviews and approval, construction lettings, and budget/contract controls.

Section A. - Scope of Services

A.1. PSI shall perform the following Services:

See attached Exhibit B

A.2. The following Services are not included in this Work Authorization, but shall be provided as Additional Services if authorized or confirmed in writing by the County:

Not Applicable

A.3. In conjunction with the performance of the foregoing Services, PSI shall provide the following submittals/deliverables (Documents) to County:

Monthly reports and other reports, memorandum, etc. identified in the Scope of Services

Section B. – Applicable Period and Schedule

This Work Authorization shall be effective as of the date of the last party's execution below and continue until 12/31/2017. PSI shall perform the Services and deliver the related Documents (if any) according to the following schedule:

January 27, 2017 – December 31, 2017

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, County shall pay to PSI the not-to-exceed amount of \$350,000.00, payable according to the Rate Schedule and terms of the Agreement.

C.2. Compensation for Additional Services (if any) shall be paid by County to PSI according to the Rate Schedule and terms of the Agreement.

Section D. - County's Responsibilities

County shall perform and/or provide the following in a timely manner so as not to delay the Services of PSI. Unless otherwise provided in this Budget Allocated Work Authorization, County shall bear all costs incident to compliance with the following:

Not Applicable

Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Budget Allocated Work Authorization:

Not Applicable

IN WITNESS WHEREOF, the County and PSI have executed this Budget Allocated Work Authorization.

Williamson County, Texas
(County)

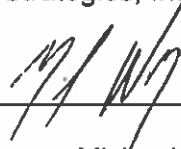
By: _____

Name: Dan A. Gattis

Title: County Judge

Date: _____, 20____

Prime Strategies, Inc.
(PSI)

By:  _____

Name: Michael J. Weaver

Title: President

Date: May 10, 2017

EXHIBIT B

**SCOPE OF SERVICES TO BE PROVIDED
BY PSI**

The services to be performed by Consultant under this Agreement shall consist of providing Williamson County LTP Corridor Program General Engineering Consultant (GEC) – Corridor Planning, Design and Program Management Services required to initiate and monitor production of contract documents for the projects for the LTP Corridor Program road and drainage projects.

PSI shall furnish all materials required to perform the services specified below.

1. Identify specific program activities and update/modify bond program organizational and management documents, agreements, process.
2. Meet with Commissioners and County staff to identify priority projects.
3. Develop cost estimates, cash flow schedules, and implementation schedules for priority projects.
4. Work with the County financial advisor and County Auditor to determine the appropriate dollar amount for the bond issues including, as necessary, materials for the official statement and bond rating agencies.
5. Prepare Letters of Interest (LOI's), Request for Qualifications (RFQ's) and Requests for Proposals (RFP's) for project consultants and other professional services.
6. Assist in requesting qualification statements from firms for services.
7. Assist in pre-qualifying firms for review and consideration by the Commissioners Court for the road improvement projects and related activities.
8. Update the Williamson County Transportation website, as appropriate; assist in developing a new public information website focusing on the County's overall transportation improvement program.
9. Assist the County in developing public information strategies for the specific transportation project and for each of the road construction components. This would include items such as creation of a full-project multi-media presentation, regular newsletters, targeted project presentations, seminars, town meetings, trade show exhibits, school exhibits, library exhibits, educational materials, websites (updates, as well), maps, informational pieces keyed to each road project, graphics and other exhibits, as needed.
10. Meet with TxDOT and other local, State and Federal agency representatives, as required, to review proposed improvement programs for Williamson County and identify projects the County can facilitate and expedite. Prepare documentation for developing Advance

Funding Agreements between Williamson County and other entities for designed “partnering” projects.

11. Review all State and Federal funding programs to identify “partnering” opportunities. Assist in preparing/presenting program/funding proposals.
12. Assist the County Auditor in updating the financial procedures, programs, and support documents to manage and monitor the bond program expenditures and cash flows.
13. Update as necessary the standardized professional service agreement (PSA) and construction contracts for bond program activities.
14. Assist County staff, County Commissioners, key construction management and construction personnel with information for appearances and presentations to elected officials, government bodies, Capital Area Metropolitan Planning Organization (CAMPO), service organizations, chambers of commerce, neighborhood groups, school groups, various citizen groups, church groups, etc.
15. Amend and update, in coordination with the Commissioners Court and County staff, the Long Range Transportation Plan.
16. Coordinate and schedule ground-breaking activities, milestone presentation announcements and press conferences within the affected areas, or in a particular city or specific focus area. This would include the design, scripting, and production of materials and exhibits for the individual meetings.
17. Assist in planning meetings and neighborhood notifications to the area, the affected cities, etc. through personalized invitations, telephone contact or other means that would insure proper notification to promote full citizen involvement.
18. Update and modify all project signage for all of the county and state road projects in the county.
19. Assist the Right-of-Way acquisition team, as necessary, in the coordination of acquisitions services and the timely acquisition of right-of-way for corridor projects and state highways. This would include providing preliminary cost estimates and a priority acquisition schedule.
20. Coordinate and assist the Environmental Permitting consultants in developing a comprehensive mitigation program for County LTP Corridor projects. Coordinate environmental activities with design engineers, project permitting, route/alignment issues, and right-of-way acquisition.

21. Provide engineering program activities related to establishing the systems and procedures to implement the design and construction of corridor projects. Including:
 - a) Meet and coordinate with various entities to establish goals, constraints, priorities, and responsibilities.
 - b) Prepare a Master Schedule for the LTP Corridor Program, including planning activities, design, right-of-way acquisition and construction phases. The Master Schedule will be updated monthly throughout the duration of the program.
 - c) Develop and maintain a filing system to include program management materials, planning documents, design documents, right-of-way documents, and bid documents.
 - d) Maintain Bond Program Standard Procedures Manual.
 - e) Maintain Bond Program Standard Forms.
 - f) Maintain Bond Program Engineering Design Criteria.
 - g) Maintain Bond Program Plan Preparation Criteria.
 - h) Maintain Bond Program Standards for CADD and CADD procedures.
 - i) Review available Standard Detail sheets for County road projects, and revise, as necessary. Update Standard Detail sheets, as needed.
 - j) Review existing Construction Specifications and revise, as necessary. Create new /Construction Specifications, as needed.
 - k) Review existing Williamson County Bid Package Documents and revise, as necessary.
22. Manage the Geotechnical Investigations, including creation of a Program Geotechnical Plan, develop contracts for geotechnical firms, and review and disseminate results from the geotechnical investigations. This would include providing and/or reviewing pavement design for all county road projects.
23. Provide expert witness assistance in right-of-way acquisition cases and other technical assistance, as requested, in legal matters relating to the Bond Program activities.
24. Manage and oversee design and survey firm activities, including but not limited to:
 - a) Aerial photography
 - b) Benchmark and project control data
 - c) Profile of existing structures, right-of-way, driveways, drainage channels, and utilities
25. Manage and oversee the preparation of final engineering design activities and preparation of construction documents including but not limited to:
 - a) Review scope of work for each road project.
 - b) Review reasonableness of engineering fee estimate for each project.
 - c) Assist Client in negotiation of contracts with selected firms.
 - d) Conduct kick-off meeting with project firm/team.
 - e) Review QA/QC plans submitted by design firms for conformance with County

requirements.

- f) Perform design reviews, including constructability reviews, in accordance with the Bond Program Procedures Manual.
- g) Review invoices, as requested.
- h) Conduct a maximum of six (6) progress meetings per project, and conduct in-house audits of project consultant activities on a monthly basis.
- i) Oversee submission of plans to local governments, TxDOT, Texas Turnpike Authority, and Texas Commission on Environmental Quality (TCEQ), as required.
- j) Provide project close-out, including obtaining and filing final design files received from design engineer once project construction is completed.

26. Conduct as necessary, a constructability review and provide a value engineering services for projects outside of scope and budget.

27. Provide bid phase and construction phase services including, but not limited to:

- a) Coordinate the preparation of the bid documents.
- b) Facilitate the pre-bid conference.
- c) Coordinate and approve the preparation and distribution of addenda.
- d) Coordinate with TxDOT as necessary to verify the prequalification and bidding capacity of contractors requesting bid proposal documents for projects on state highway system or utilizing federal funding, including reimbursements.
- e) Attend the bid opening, perform bid analysis and recommend award to the successful bidder.
- f) Coordinate the preparation of the contract documents.
- g) Facilitate the pre-construction conference.
- h) Prepare and issue project documentation throughout the duration of the project.
- i) Coordinate with adjacent property owners, other agencies, and affected entities regarding construction schedule and impacts, or as needed.
- j) Perform construction observation and documentation, and provide on-site manpower (PSI staff or subconsultants) on an as-needed basis to oversee construction of the projects.
- k) Review and evaluate contractor's construction schedule.
- l) Receive and process submittals.
- m) Attend weekly construction progress meetings and prepare and issue construction update reports.
- n) Prepare and issue traffic control notifications to affected entities.
- o) Perform and document traffic control and SW3P inspections.
- p) Receive and review QC test results, and oversee the independent testing firms.
- q) Assist the county in documentation of the DBE program.
- r) Prepare and process RFIs and Change Orders when necessary.
- s) Review and approve monthly construction pay applications.
- t) Negotiate Change Orders and claims, as needed.

- u) Receive warranty bond from Contractor and perform quarterly warranty inspections and reports during the warranty period.
- v) Provide project close-out, including obtaining and filing final record drawings received from Contractor, once project construction is completed.

28. Implement and maintain ProjectWise service with Internet project database to facilitate project management and coordination efforts.

GENERAL MONTHLY ACTIVITIES

The following is a summary of general monthly activities and work tasks.

PROGRAM ADMINISTRATION

- Review/approve/process construction payments
- Review/approve/process design consultant invoices
- Review/approve/process miscellaneous consultant invoices (environmental, geotechnical, surveying, construction observer, etc.)
- Review/approve/process utility company invoices
- Approve and Process Professional Services Agreements (PSA's)
- Present design contracts to Commissioners Court
- Negotiate PSA Scope and Fee
- Approve and Process Work Authorizations
- Review/approve/process construction change orders
- Review monthly budget reports, track expenditures, program budget amendments
- Advertise and review bids for County LTP Corridor Construction Projects

PROGRAM MANAGEMENT

- Ongoing meetings and phone calls with the County Judge, Commissioners, and Staff to review the corridor projects, development schedules, and cost estimates for priority projects;
- Meetings with TxDOT senior staff and local government officials on specific projects, right-of-way issues, utility costs, right-of-way, and proposed rules;
- Meetings with TxDOT, Commissioners and management Team to develop project funding and review /process Advance Funding Agreement (AFA);
- Attend Commissioners Court meetings, Executive Sessions, and corridor work sessions;
- Prepare budgets and related materials for Commissioners Court meetings and works sessions;
- Provide construction oversight and coordinate all bid awards, pre-construction meetings, and contractor work authorizations;
- Prepare correspondence for the Judge, Commissioners, and County Staff;

PSI Project Number: WC-425.2
Williamson County LTP Corridor Program
Budget Allocated Work Authorizations

- Update LTP Corridor project schedules and cash flows and meet with the County Auditor and financial advisors;
- Monitor and Update Webpages;
- Meetings/Phone Calls/E-Mails with the management Team

LTP CORRIDOR PROJECTS

- Meet with Commissioners on Specific projects;
- Meet with TxDOT, Cities, Property Owners, Stakeholders on specific projects;
- Meet with Project Engineers on County projects to assess status, right-of-way/utility issues, budget, and schedule plan review;
- Meetings with utility providers, coordination and preparation for utility relocation services on individual projects;
- Meetings with environmental consultants on specific projects.