

DEFERRED*

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 04-03

WHEREAS, the Central Texas Regional Mobility Authority ("CTRMA") is pursuing the development of the US 183-A turnpike project; and

WHEREAS, the CTRMA has approved work authorizations for its General Engineering Consultant ("GEC") to pursue work necessary for the development of US 183-A; and

WHEREAS, the CTRMA has received unsolicited proposals for the development of US 183-A through a comprehensive development agreement and has authorized the issuance of a request for competing qualifications ("RFCQ"), and has reviewed all responses to that RFCQ; and

WHEREAS, the GEC has presented US 183-A Work Authorization No. 3.5 (copy attached as Exhibit A) which covers additional work necessary for US 183-A as well as work related to the issuance of a request for detailed proposals ("RFDP"), which is the next phase of the CDA process; and

WHEREAS, the CTRMA Board of Directors must approve US 183-A Work Authorization No. 3.5 before the GEC may proceed with work thereunder; and

WHEREAS, the GEC has represented to the Board of Directors that the work reflected in US 183-A Work Authorization No. 3.5 is necessary and appropriate to pursue the development of US 183-A and the RFDP.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves US 183-A Work Authorization No. 3.5 in the form attached as Exhibit A, provided that (a) no work may be undertaken that is not within the scope of what TxDOT approves as being reimbursable under the previously awarded toll-equity funds for US 183-A; and (b) any work commenced under US 183-A Work Authorization No. 3.5 be subject to the contract to be executed by the CTRMA and the GEC.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 25th day of February, 2003.

Submitted and reviewed by:

Approved:

C. Brian Cassidy
General Counsel for the Central
Texas Regional Mobility Authority

Robert E. Tesch
Chairman, Board of Directors
Resolution Number 04-03
Date Passed 02/25/04

EXHIBIT B**WORK AUTHORIZATION****Work Authorization No. 3.5**

This Work Authorization is made as of this 3rd day of February, 2004, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of September 1st, 2003 (the Agreement), between the Central Texas Regional Mobility Authority (Authority) and HNTB Corporation (GEC). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

Procurement & Technical Services for US 183A

Section A. - Scope of Services

A.1. GEC shall perform the following Services:

Refer to Attachment A – Scope of Work

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 Authority.

N/A

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

Refer to Attachment A – Scope of Work

Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

Services under this Work Authorization are expected to be substantially complete within 12 months from the date this Work Authorization becomes effective. This Work Authorization will not expire until all tasks associated with the Scope of Services are complete.

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed \$2,549,832 based on Attachment B -Fee Estimate. Compensation shall be in accordance with the Agreement.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of future Work Authorizations.

Section D. - Authority's Responsibilities

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

N/A

Section E. - Other Provisions

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

N/A

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Central Texas Regional Mobility Authority

GEC: HNTB Corporation

By: _____

By: _____

Signature: _____

Signature: _____

Title: _____

Title: _____

Date: _____

Date: _____

CENTRAL TEXAS RMA**ATTACHMENT A – SCOPE OF WORK****WORK AUTHORIZATION NO. 3.5****SERVICES TO BE PROVIDED BY THE GENERAL ENGINEERING
CONSULTANT (GEC) – PART A (PROCUREMENT), PART B
(ENVIRONMENTAL) AND PART C (PUBLIC INVOLVEMENT)****Part A - US 183A Development Procurement Management Services**

This scope of services includes the continuation of those professional services and deliverables required to plan for and manage the creation, flow, clarification, controlling, reviewing, critiquing, scheduling, and evaluation of documents associated with the procurement of competitive proposals from consortia aspiring to enter into comprehensive development agreements (CDA) with the Central Texas Regional Mobility Authority (CTRMA) to develop and operate the US-183A facility (hereinafter referred to as US-183A). Such consortia should consist of participating firms whose abilities, professional skills, and experience qualify them to develop and operate US-183A for the CTRMA. One firm will be selected.

In general, the services to be performed and delivered by the GEC are hereinafter subdivided into three phases. Services under the phases may overlap and may proceed simultaneously.

1.0 Pre RFDP Phase

- 1.1 Conduct debriefings on behalf of the CTRMA, under the guidance of general counsel of the CTRMA, for respondents to the RFQ for the US-183A that were not shortlisted, if requested by the CTRMA.
- 1.2 Conduct oral and written discussions with CTRMA staff, consultants, advisors, and counselors aimed to develop a policy and methodology to divide and assign tollway design, construction, operating, and revenue auditing risks. Develop a draft policy for consideration by the CTRMA dividing and assigning physical and fiscal risks other than the environment, warranty provisions, QC/QA failures in design and the constructed product, maintenance obligations, permit/license delays (other than the Record of Decision which will be the sole responsibility of the CTRMA), utility clearances, right-of-way acquisitions, local government approvals, legal actions, and unanticipated site conditions.
- 1.3 With the participation of the CTRMA staff, develop and plan for managing the procurement of developers of the US-183A. Prepare and submit for approval a reasonable time schedule charting progress achievement milestones between the

issuance of the RFDP and the issuance of Notices To Proceed to the proposers having been judged to have tendered the best value proposal for the US-183A, allowing time for negotiation of the terms and execution of CDA and with and without continuing long term operating and maintaining provisions. When the plans and time for development procurements have been accepted by the CTRMA, a reassessment of the scope and budget for the procurement of the CDA will be completed.

- 1.4 Working jointly and cooperatively with the CTRMA and its counselors, develop drafts of CDA for the US-183A appropriate for execution by the CTRMA. Circulate CDA among short listed proposers on the US-183A for comment. Review the responses from the short listed proposers. Group responses by category. Meet with CTRMA and its counselors to review proposer responses. Participate with CTRMA, its counselors, and invited proposers, individually or collectively, to write the final CDA to include with the RFDP the CTRMA will issue. CDA provisions shall include but not be limited to:
 - 1.4.1 The scope of work for the development of the US-183A.
 - 1.4.2 Fixing the final, completed, guaranteed, lump sum turnkey price.
 - 1.4.3 Setting of the dates for the openings and completion of the US-183A.
 - 1.4.4 General terms and conditions for developing the US-183A.
 - 1.4.5 Terms and conditions for the financial obligations of developing the US-183A.
 - 1.4.6 Establishing final negotiated design and construction standards.
 - 1.4.7 Setting terms and conditions of the QC/QA programs for development.
 - 1.4.8 Defining the QA roles to be filled by the CTRMA, TxDOT, and Federal Highway Administration (FHWA).
 - 1.4.9 Terms, conditions, and funding plan for long-term operation and maintenance of the US-183A, if any.
 - 1.4.10 Terms and conditions under which the CTRMA will review and approve sequential and repetitive office and field development progression reports.
 - 1.4.11 Provisions assigning and dividing development risks of the parties.
 - 1.4.12 Division of obligations between the parties to secure all applicable permits.
 - 1.4.13 Establishment of environment and hazardous materials reporting, mitigation, and remediation requirements and obligations.
 - 1.4.14 Terms and conditions related to any final negotiated modifications of State of Texas, FHWA, and AASHTO tollway development, operation, and maintenance standards.
 - 1.4.15 Terms and conditions under which value engineering proposals will be considered reviewed, evaluated, and authorized.
 - 1.4.16 Provisions for monitoring developer conformance with CTRMA/TxDOT HUB/DBE policies.
 - 1.4.17 Provisions for monitoring of the developers' affirmative action plans performance.
 - 1.4.18 Provisions setting minimum and types of bonding and insurance.

- 1.4.19 Provisions assigning the responsibility for funding and acquiring timely right-of-way.
 - 1.4.20 Provisions assigning responsibilities for funding and timely locating, protecting, modifying, relocating, and adjusting public and private utilities.
- 1.5 Assist CTRMA in the formulation of detail design and construction oversight management plan. The plan shall address various parties' roles and assignments. The working relationships between CTRMA, TxDOT, counselors, oversight managers, developer, agencies, utilities and railroads, shall be outlined in this position memorandum.

2.0 RFDP Phase.

- 2.1. Based upon selections by the CTRMA of a short list of qualified proposers to the RFQ issued for the US-183A and working jointly and cooperatively with the CTRMA and its counselors, develop the final RFDP. The RFDP shall have separate sections for development of the US-183A and operation and maintenance of the US-183A post development completion. Draft RFDP to incorporate revisions agreed upon under this item. Incorporate the work products of Section 1.0 into the RFDP. Information to be requested in the RFDP shall include but not be limited to the following:
- 2.1.1 Appropriate revisions to the description of the US-183A provided by the CTRMA in the RFQ.
 - 2.1.2 Revisions to the dates and schedules projected and provided by the CTRMA in the RFQ for receipt of final traffic and revenue reports.
 - 2.1.3 An introductory definition of terms and acronyms used in the RFDP or preparation of a separate appendix providing same.
 - 2.1.4 A detailed description of the process the CTRMA will follow in reviewing and evaluating the responses to the RFDP and proceeding step by step through the procurement process through execution of CDA.
 - 2.1.5 An introductory generalized summary of the obligations the CTRMA expects the developers to assume and deliver.
 - 2.1.6 Synopses of the plans of finance the CTRMA envisions for the US-183A and the government financing resources the CTRMA anticipates will be available for the US-183A.
 - 2.1.7 Descriptions of formats required for submitted responses to the RFDP and number of sets of responses to be submitted.
 - 2.1.8 A description of the three part submittal: Part I, technical and qualitative attributes; Part II, fixed, guaranteed, turnkey, priced proposals with guaranteed delivery dates (inclusive of priced respondent proposed alternate design and construction standards); and Part III, detailed long term plan (15 years) and priced proposal for operating and maintaining the US-183A.

- 2.1.9 A detailed description of information being requested from proposers for each section of the RFDP submittal requirements.
- 2.1.10 A description of the required certification of the selected developers' financing plan by the Accountancy Review Agents.
- 2.2 Prepare correspondence for execution by the CTRMA distributing the RFDP to short listed responders.
- 2.3 Plan, organize, and administer workshops for the US-183A among CTRMA, its consultants, and short listed respondents. Write and distribute documents and correspondence related to the workshops. Prepare exhibits and visual aids for the workshops, if any. Assist the CTRMA in answering questions posed during the workshops. Review and edit all workshop records.
- 2.4 Evaluate oral and written questions posed at the workshops and submitted later in writing and draft answers for consideration by the CTRMA. Assemble and distribute CTRMA answers to questions.
- 2.5 Write and distribute all addenda to the RFDP for the US-183A suggested by meetings, discussions, workshops, questions posed by potential respondents, and clarifications suggested by the CTRMA.
- 2.6 Develop a secure system for receiving, handling, distributing, tracking, storing, and dating all documents, correspondence, facsimile transmissions, and other telecommunications after the date of acceptance of the RFDP. E-mail shall not be an acceptable mode of communications among any of the parties after the dates of acceptance of the RFDP. Search and locate a secure site acceptable to the CTRMA to store all documents and correspondence (the "secured data") received and created on and after the date of receipt of the RFDP. With the assistance of the Director of the CTRMA, create and maintain a list of parties (the "evaluators") who have been authorized access to the secured data by the Director of the CTRMA. Create a controlled system whereunder the evaluators may check out, check in, and be recorded as holding the secured data.
- 2.7 Maintain a log of relevant telephone conversations after the date of the issuance of the RFDP.
- 2.8 Working with the CTRMA staff and counselors, develop a detailed and thorough two part procedure and methodology for evaluating (i) the qualitative and technical proposals inclusive of innovative design and construction techniques and (ii) financing assistance, innovative financing plans, and final, turnkey priced, best value proposals for developing the US-183A, recognizing the value of early opening dates for the US-183A.

- 2.9 Divide the Part I responses to the RFDP for the US-183A into the several technical qualifying/measurable components as posed in the RFDP issued by the CTRMA. The separately submitted sealed priced proposal responses shall remain unopened and shall be secured. Evaluate the thoroughness and quality of the Part I responses to each inquiry item in the RFDP utilizing the evaluation procedures and formulae adopted by the CTRMA. Provide summaries of strengths and weaknesses of the Part I responses to the RFDP for each measurable technical component. There may be alternate respondent submitted technical, contractual or financial proposals in addition to the base guidelines suggested by the CTRMA in the RFDP; such alternate responses also shall be evaluated and reported by the GEC. Participate in meetings with CTRMA staff, consultants, counselors, and advisors to discuss evaluations of RFDP Part I technical proposals and to explain the positions and reasoning of the GEC applicable to each RFDP Part I response component.
- 2.10 Divide the Part II responses to the RFDP into the various components to be evaluated inclusive of but not limited to:
Lump sum guaranteed turnkey price to develop, complete, and open the US-183A for operation.
- 2.10.1 Time required to develop the US-183A between execution of the CDA and the opening dates of the US-183A.
- 2.10.2 Detailed financing plans proposed for the US-183A, including revenue generation potential of the implementation plans.
- 2.10.3 Innovative financing techniques/plans proposed.
- 2.10.4 Proposed financing plans certifications by the independent Accountancy Review Agent (this component will be available only after a single best value selection is made for each of the US-183A).
- 2.10.5 Alternate development costs of the US-183A submitted by proposers tendering technical design and construction techniques and standards differing from those offered by the CTRMA in the RFDP for the US-183A. Jointly with the staff of the CTRMA, the financial advisor of the CTRMA, and bond and general counselors of the CTRMA, report in writing on the thoroughness, quality, reasonableness, strengths, weaknesses, and legalities of Part II of the proposals. Based on review of the Part II proposals received; fine-tune the evaluation formulae hereof to reflect collectively the range of responses to Part II of the proposals. Be available as informed resources to the evaluators to assist them interpret submitted provisions of Part II and how the provisions fit into the grading formulae.
- 2.11 Prepare and distribute agenda for meetings called at the option of the CTRMA, (the "final workshops") between individual responding consortia and the CTRMA to (i) verify that each has properly interpreted the RFDP in their responses, (ii) seek clarifications among the parties, and (iii) provide the CTRMA the opportunity to seek and explain the need for more detailed response information

and documentation. Prepare the CTRMA staff advisors, consultants, and counselors for participation in the final workshops by preparing and briefing on proper questions and areas needing more detailed responses. Request each invited consortium to submit in advance questions it desires to be answered by the CTRMA. After consultation with the CTRMA, prepare written answers to such questions for the CTRMA to consider. Prepare formal written responses and clarifications to matters discussed at the final workshops for execution by the CTRMA.

- 2.12 Working with CTRMA counselors and staff, develop a Part III list of quality and value measurable items of routine duties and service deliverables that the CTRMA should expect from developers with whom the CTRMA may enter long-term agreements (15 years) to operate and maintain the US-183A. Items shall at a minimum include:
- 2.12.1 Personnel summaries by classification, duty, and wage rates.
 - 2.12.2 Equipment (all inclusive by category) to be provided.
 - 2.12.3 Replacement cycle for equipment proposed.
 - 2.12.4 Personnel benefit programs.
 - 2.12.5 Buildings, plaza, fixtures, and grounds routine physical maintenance plans.
 - 2.12.6 Personnel uniform programs.
 - 2.12.7 Buildings and plaza major maintenance/rehabilitation plans.
 - 2.12.8 Roadway illumination maintenance programs.
 - 2.12.9 Roadway safety markings and signing maintenance plans.
 - 2.12.10 Personnel and public safety plans.
 - 2.12.11 Intelligent traffic systems maintenance plans.
 - 2.12.12 Telecommunication systems maintenance plans.
 - 2.12.13 Insurance programs, all-inclusive except for tort liability.
 - 2.12.14 Toll collection, video enforcement, and security surveillance systems maintenance plans.
 - 2.12.15 ROW maintenance plans.
 - 2.12.16 Fencing and guardrail maintenance plans.
 - 2.12.17 Pavement and shoulder maintenance and major rehabilitation plans.
 - 2.12.18 Pavement and shoulder warranty programs, if any.
 - 2.12.19 A detailed scope of routine and repetitive services required to operate and maintain the US-183A.
 - 2.12.20 GEC expanded lists refining and organizing all of the above in a format to be included in the RFDP for the US-183A that can be easily comprehended and answered in detail by proposers.
- 2.13 Working with CTRMA staff, develop for Part III a review and measurable assessment methodology for evaluating and ranking long term operating and maintaining proposals. Collect and assemble operating and maintaining costs recorded by comparable US operating US-183A. Compare and report comparable US costs to those proposed under Part III. Devise a methodology for scoring and

ranking Part III, which will reflect true short and long term, cost impacts to the CTRMA inclusive of impacts on revenues available for bond debt services.

- 2.14 Develop a self-reporting matrix format, which will reflect the financial impact of combining and implementing Part III with Parts I and II. Report in writing on whether the combining of Parts I, II, and III provides financial indications that the best value scoring grade of Parts I and II by the evaluators should be reconsidered, and, if the GEC so opines, should the final best value selection be (i) based on the scoring and ranking by the evaluators of Parts I, II, and III combined or (ii) based on Parts I and II combined with the CTRMA's then either offering Part III under a separate and newly issued competitive RFDP solicitation or staffing and performing Part III as government function with its own personnel.
- 2.15 Working with the financial advisor and counselors of the CTRMA, analyze and report on the certificates prepared by the Accountancy Review Agents of the feasibility and adequacy of the financing plans proffered by the highest ranked best value proposals for the US-183A.
- 2.16 Write an outline of the procedure followed by the GEC in reviewing the responses to the RFDP received. Indicate what measurable developer performance categories were identified and individually analyzed. Using the outline write a detailed summary report of the review and analysis process followed by the GEC and describe how the evaluators used the analytical work performed by the GEC to rank the responses in a best value order.
- 2.17 Serve as a resource participant with the evaluators and the CTRMA staff in delivering final reports and recommendations for best value developer selections and designations to the Committee and to the Board.
- 2.18 Write final reports summarizing the deliberations, actions, and recommendations of the Committee and the Board relative to the review and consideration of proposals to develop the US-183A and their final selection and designation of the developers for the US-183A based on best value evaluations.

3.0 Post RFDP Phase.

- 3.1 With the full participation of the CTRMA staff, formulate a future needs forecast encompassing staffing for the GEC and CTRMA during the further implementation of the US-183A project through construction, operation & maintenance, including floor space, office equipment, and computer hardware and software needs. Review the management requirements and challenges facing the CTRMA and prepare a recommendation to CTRMA detailing the staffing needs by number and qualifications and a recommended staffing plan. Develop a budget for implementations of this GEC recommendation, which by its nature, will

illustrate the number of employees for each identified service. If requested by the CTRMA, prepare a job/duties description for each identified position with qualifications.

- 3.2 In conjunction with the developers and the CTRMA, jointly and cooperatively develop QC/QA programs for materials and construction quality assurance.
- 3.3 Conduct debriefings on behalf of the CTRMA, under the guidance of general counsel of the CTRMA, for respondents to the RFDP that were not selected to enter CDA with the CTRMA.
- 3.4 Prepare a benchmarking evaluation report to capture lessons learned through out the process and identify alternative or refined strategies that CTRMA should consider for future procurements. The report shall be based upon a series of interviews to be held with CTRMA, proposers, CTRMA counselors, and other appropriate parties. Issues to be addressed include; risk shifting, potential for contract change orders, quality, time savings, life cycle cost, design and construction management changes, total project cost, etc.

Part B - US 183A Development Environmental Services

This scope of services includes the continuation of those professional services and deliverables required to effectively comply with environmental regulations and permitting necessary for the efficient development and implementation of the US 183A corridor.

1.0 Water Pollution Abatement Program

- 1.1 GEC will prepare a Water Pollution Abatement Plan (WPAP) for the Design Schematic prepared by the GEC for the US 183A corridor. This shall include the performance of the following services:
 - 1.1.1 Prepare "cut sheets" of the schematic design basemap for use in the WPAP application.
 - 1.1.2 Prepare utility relocation drawings (necessary for WPAP application).
 - 1.1.3 Coordinate with environmental team, as needed, to clarify construction elements associated with the WPAP application.
 - 1.1.4 Review of existing maps, aerial photographs, topography, plans, reports, schematics and technical guidance.
 - 1.1.5 Visit to the site and the general vicinity of the drainage area and potential BMP sites.
 - 1.1.6 Determine 100 year frequency drainage flows.
 - 1.1.7 Design of water quality BMPs (including preliminary size of splitter box and bypass weir) and erosion and sedimentation controls based on current schematic designs for US 183A.
 - 1.1.8 Preparation of water quality portions of the WPAP. The water quality portions of the WPAP referred to here are Form 0584 - WPAP

Application, Form 0602 – Temporary Stormwater Section and Form 0600 – Permanent Stormwater Section. This work will include preparation of these forms as well as all required maps, designs and other attachments.

- 1.1.9 Collation and submittal of the WPAP Application.
- 1.1.10 Project management including correspondence, project documentation and invoicing; and meetings with the GEC and TCEQ.

2.0 Jurisdictional Waters Assessment

- 2.1 GEC will conduct a jurisdictional waters assessment for all potential jurisdictional water crossings with the right-of-way of Alternative 1 alignment of US 183A. This shall include the performance of the following services:
 - 2.1.1 Review all provided previous field work and documentation conducted for the proposed US 183A alignment related to jurisdictional waters.
 - 2.1.2 Conduct necessary field work to identify and delineate all potential jurisdictional water crossings associated with Alternative 1 alignment of US 183A.
 - 2.1.3 Calculate area of impacts to jurisdictional waters associated with the construction of US 183A.
 - 2.1.4 Prepare a written report of all findings and advise CTRMA Board as to future Section 404 permitting requirements for the US 183A project.
 - 2.1.5 Seek USACE concurrence as to no impacts to jurisdictional waters assuming all jurisdictional waters are free-spanned.
 - 2.1.6 Actual preparation (and associated costs / efforts) of particular Section 404 permits are not included in this Work Authorization.

Part C - US 183A Public Involvement Services

This scope of services includes the continuation of those professional services and deliverables required to provide effective public involvement activities during the development and implementation of the US 183A corridor.

1.0 Government Communications

- 1.1 The GEC will continue to tailor communication efforts to effectively and proactively develop an “informed consent” process whereby government leaders, community leaders and stakeholders are informed of the CTRMA, the serious regional congestion problem, 183-A development, and a proposed Comprehensive Regional Mobility Plan thru a series of targeted outreach activities aimed at educating those potentially affected by the 183-A project.

2.0 Project Graphic Design

- 2.1 The GEC will develop graphic materials to communicate key CTRMA message points and raise the overall awareness of the CTRMA's mission and goals. This shall include the performance of the following services:
 - 2.1.1 Complete general graphics design and marketing efforts associated with the project.
 - 2.1.2 Compile engineering maps for greater public understanding, incorporating maps from TxDot, TTA, CAMPO, and the CTRMA Team as needed.
 - 2.1.3 Create and illustrate brochures for information dissemination.
 - 2.1.4 Work with TxDOT on creation of slides and presentation materials for a cohesive message of the mobility crisis and the solutions that can be implemented.
 - 2.1.5 Work with GEC technical staff in identification and development of their graphics needs such as Covers and Title pages for Feasibility Studies, Bonding Reports, Board Briefings, and other documents that may enhance the professional image of the CTRMA.
 - 2.1.6 Work with PR firms and the CTRMA Public Involvement and Outreach Team to create print advertisements and flyers that may be needed for a cohesive campaign incorporating the different concepts and ideas, such as toll tags, which may assist the media in getting the correct information out to the public.
 - 2.1.7 Interface with the media to get them the mapping and graphics digital files for use in their articles.
 - 2.1.8 Design interior and exterior signage that may be needed for Trade Shows and Presentations promoting a professional image to the public.

DELIVERABLES FOR THE DEVELOPMENT OF US 183A

- Draft policy dividing and assigning physical and fiscal risks.
- Management plan and schedule for the procurement of developers of the US-183A.
- Draft CDA document for the purposes of Industry Review
- Draft detail design and construction oversight management plan.
- Final Request for Detailed Proposals (RFDP) document
- Transmittal correspondence for the RFDP
- Workshop documentation
- Question & answer documentation
- RFDP Addenda documents, if required
- Document control & security system plan
- Log of telephone conversations relevant to the procurement process
- Detailed Proposal Evaluation Criteria & Methodology
- Self-reporting matrix documenting outcome of Detailed Proposal evaluations
- Detailed summary report of the review and analysis process followed by the GEC in reviewing the responses to the RFDP.

- Final reports summarizing the deliberations, actions, and recommendations of the Committee and the Board.
- Future needs forecast encompassing staffing for the GEC and CTRMA, floor space, office equipment, and computer hardware and software.
- Benchmarking evaluation report documenting "lessons learned" through out the process and identifying alternative or refined strategies that CTRMA should consider for future procurements.
- Water quality Best Management Plan design drawings.
- Erosion and sedimentation control design sheets.
- WPAP forms 0584, 0602, 0600
- Final Compilation of WPAP
- Documentation of jurisdictional waters assessment, estimate of potential impacts, and determination of any required Section 404 permit(s).
- Compiled engineering maps for greater public understanding, incorporating maps from TxDot, TTA, CAMPO, and the CTRMA Team as needed.
- Brochures for information dissemination.
- Technical Report Covers and Title pages
- Print advertisements and flyers
- Interior and exterior signage.

NOTES:

- 1) All design shall be in accordance with TxDOT design criteria, except where variances are permitted in writing by CTRMA.
- 2) The GEC is responsible for purchasing all references, which are required for the project.

CTRMA GEC & US 183A
HNTB Corporation - MANHOUR BREAKDOWN
February 20, 2004

CTRMA
Work Authorization 3.5

Summary

| | |
|---------------------|--------------|
| Procurement Process | \$ 2,287,574 |
| Environmental | \$ 106,013 |
| Public Involvement | \$ 156,245 |
| | <hr/> |
| | \$ 2,549,832 |

CL...A GEC & US 183A
 HNTB Corporation - MANHOUR BREAKDOWN
 February 20, 2004

CTRMA
 Work Authorization 3.5

| Task | Work Description | MANHOURS | | | | | | TOTAL HRS |
|--|--|----------------------------|----------------|------------------|---------------|---------------|---------------|--------------|
| | | A (Labor Rate \$: 70:00 | B \$ 60:00 | C \$ 50.00 | D \$ 40.00 | E \$ 30.00 | F \$ 20.00 | |
| Water Pollution Abatement Plan (WPAP) Development | | | | | | | | |
| Preliminary Drainage Design | | | | | | | | |
| | Prepare "cutsheets" of Schematic Design Basemaps | | | | | 40 | 40 | |
| | Prepare Utility Relocation Drawings | | | | 80 | | 120 | |
| | Coordination w/ Environmental Staff | | | | 40 | | 40 | |
| Application Preparation | | | | | | | | |
| | Existing Data Review & Collection | | | 8 | 4 | 10 | 32 | |
| | Site Visit | | | 12 | 12 | 12 | 44 | |
| | Determine 100 year drainage flows | | | 2 | 4 | 12 | 18 | |
| | Water Quaulity BMP Design | | | 64 | 80 | 80 | 264 | |
| | Erosion / Sedimentation Control | | | 30 | 24 | 60 | 114 | |
| | WPAP Preparation | | | 16 | 8 | 20 | 84 | |
| | WPAP Compilation | | | 4 | 8 | 20 | 72 | |
| | Project Management & Meetings | | | 20 | 16 | 40 | 76 | |
| | Jurisdictional Waters Assessment | | | | 40 | 70 | 160 | |
| TOTAL HNTB DIRECT LABOR | | 0 | 0 | 156 | 316 | 364 | 228 | 1064 |
| % Total by Classification | | 0.00% | 0.00% | 14.66% | 29.70% | 34.21% | 21.43% | |
| Labor Costs | | \$ - | \$ - | \$ 7,800 | \$ 12,640 | \$ 10,920 | \$ 4,560 | \$ 35,920 |
| Overhead Costs | 1.5353 | \$ - | \$ - | \$ 11,975 | \$ 19,406 | \$ 16,765 | \$ 7,001 | \$ 55,148 |
| Profit | 15.0% | \$ - | \$ - | \$ 2,966 | \$ 4,807 | \$ 4,153 | \$ 1,734 | \$ 13,660 |
| Total Loaded Labor | | \$ - | \$ - | \$ 22,742 | \$ 36,853 | \$ 31,839 | \$ 13,295 | \$104,728 |
| Direct Expenses | | | | | | | | |
| | Travel / Mileage | | \$305 | | | | | |
| | Reproduction | | \$440 | | | | | |
| | Maps / Photos | | \$540 | | | | | |
| | Total Derict Expenses | | \$1,285 | | | | | |
| Total Cost - Environmental | | | | \$106,013 | | | | |

C. A GEC & US 183A
 HNTB Corporation - MANHOUR BREAKDOWN
 February 20, 2004

CTRMA

Work Authorization 3:5

| Task | Work Description | MANHOURS | | | | | | TOTAL HRS |
|--|--|-----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|
| | | A (Labor Rates) \$ 70.00 | B \$ 60.00 | C \$ 50.00 | D \$ 40.00 | E \$ 30.00 | F \$ 20.00 | |
| Government Communications | | 40 | | 40 | 40 | | | 120 |
| Project Graphic Design | | | | | | | | |
| | Graphics design / marketing | 16 | | 40 | | 80 | 80 | 216 |
| | Compile maps (from TxDot, TTA, CAMPO, CTRMA) as needed | | | | | 40 | 40 | 80 |
| | Create / illustrate brochures | 24 | | 40 | | 40 | 160 | 264 |
| | Coordinate w/ TxDOT on presentation materials | 24 | | 40 | | 40 | 40 | 144 |
| | Prepare graphics for Covers and Title pages for of various reports | | | | | 40 | 80 | 120 |
| | Assist in developemnt of print advertisements / flyers | 24 | | 40 | | 40 | 160 | 264 |
| | Interface with media re: graphics coordination | | | 40 | | 80 | 80 | 200 |
| | Design interior and exterior signage (Trade Shows, Presentations) | | | 40 | | 80 | 40 | 160 |
| TOTAL HNTB DIRECT LABOR | | 128 | 0 | 280 | 40 | 440 | 680 | 1568 |
| % Total by Classification | | 8.16% | 0.00% | 17.86% | 2.55% | 28.06% | 43.37% | |
| Labor Costs | | \$ 8,960 | \$ - | \$ 14,000 | \$ 1,600 | \$ 13,200 | \$ 13,600 | \$ 51,360 |
| Overhead Costs | 1.5353 | \$ 13,756 | \$ - | \$ 21,494 | \$ 2,456 | \$ 20,266 | \$ 20,880 | \$ 78,853 |
| Profit | 15.0% | \$ 3,407 | \$ - | \$ 5,324 | \$ 608 | \$ 5,020 | \$ 5,172 | \$ 19,532 |
| Total Loaded Labor | | \$ 26,124 | \$ - | \$ 40,819 | \$ 4,665 | \$ 38,486 | \$ 39,653 | \$149,745 |
| Direct Expenses | | | | | | | | |
| | Travel / Mileage | \$500 | | | | | | |
| | Reproduction | \$5,000 | | | | | | |
| | Maps / Photos | \$1,000 | | | | | | |
| Total Derict Expenses | | \$6,500 | | | | | | |
| Total Cost - Public Involvement | | \$156,245 | | | | | | |