

Department of Engineering
Dan Gaillet, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

May 16, 2019

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
David Bishop, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Dan Gaillet, P.E.
County Engineer

Re: Stantec
King Ranch Road Project

The Engineering Department recommends that Stantec be hired to perform design engineering services for intersection improvements at King Ranch Road and Hwy 22, for a fee not to exceed \$94,940.01.



PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made and entered into effective _____, 2019 (the "Agreement Date") by and between:

"CLIENT"

Name: MADISON COUNTY BOARD OF SUPERVISORS, MADISON COUNTY, MS
Address: 125 West North Street, Canton, MS 39046
Phone: 601-855-5500 Fax: 601-859-5875
Representative: President, Madison County Board of Supervisors

"STANTEC"

Name: STANTEC CONSULTING SERVICES INC.
Address: 101 Webster Circle, Suite 101, Madison, MS 39110
Phone: 601-853-3780 Fax: 601-707-9015
Representative: John McKee, PE, PS, Senior Principal

PROJECT NAME: **King Ranch Road Project**

DESCRIPTION OF WORK: STANTEC shall render the services described in Attachment "A" (hereinafter called the "SERVICES") in accordance with this AGREEMENT. STANTEC may, at its discretion and at any stage, engage subconsultants to perform all or any part of the SERVICES. The CLIENT and STANTEC by written amendment to this AGREEMENT may from time to time make changes to the SERVICES. All changed work shall be carried out under this AGREEMENT. The time for completion of the SERVICES shall be adjusted accordingly.

DESCRIPTION OF CLIENT: The CLIENT confirms and agrees that the CLIENT has authority to enter into this AGREEMENT on its own behalf and on behalf of all parties related to the CLIENT who may have an interest in the PROJECT.

COMPENSATION: Charges for the SERVICES rendered will be made in accordance with the CONTRACT PRICE indicated in Attachment "A", or, if no CONTRACT PRICE is indicated, in accordance with STANTEC's Schedule of Fees and Disbursements in effect from time to time as the SERVICES are rendered.

Invoices shall be paid by the CLIENT in the currency of the jurisdiction in which the SERVICES are provided without deduction or setoff upon receipt. Failure to make any payment when due is a material breach of this Agreement and will entitle STANTEC, at its option, to suspend or terminate this Agreement and the provision of the SERVICES.

REPRESENTATIVES: Each party shall designate in the space provided above a representative who is authorized to act on behalf of that party and receive notices under this AGREEMENT. Such representatives have complete authority to act on behalf of their principals in respect to all matters arising under this AGREEMENT.

NOTICES: All notices, consents, and approvals required to be given hereunder shall be in writing and shall be given to the representatives of each party. All notices required by this AGREEMENT to be given by either party shall be deemed to be properly given and received within two (2) business days if made in writing to the other party by certified mail, telegram, email, facsimile or telex, addressed to the regular business address of such party as identified above.

CLIENT'S RESPONSIBILITIES: The CLIENT shall provide to STANTEC in writing, the CLIENT's total requirements in connection with the PROJECT, including the PROJECT budget and time constraints. The CLIENT shall make available to STANTEC all relevant information or data pertinent to the PROJECT which is required by STANTEC to perform the SERVICES. STANTEC shall be entitled to rely upon the accuracy and completeness of all information and data furnished by the CLIENT, including information and data originating with other consultants employed by the CLIENT whether such consultants are engaged at the request of STANTEC or otherwise. Where such information or data originates either with the CLIENT or its consultants then STANTEC shall not be responsible to the CLIENT for the consequences of any error or omission contained therein.

The CLIENT shall give prompt consideration to all documentation related to the prepared by STANTEC and whenever prompt action is necessary shall inform STANTEC of CLIENT's decisions in such reasonable time so as not to delay the schedule for providing the SERVICES.

When applicable, the CLIENT shall arrange and make provision for STANTEC's entry to the PROJECT site as well as other public and private property as necessary for STANTEC to perform the SERVICES. The CLIENT shall obtain any required approvals, licenses and permits from governmental or other authorities having jurisdiction over the PROJECT so as not to delay STANTEC in the performance of the SERVICES.

STANTEC's RESPONSIBILITIES: STANTEC shall furnish the necessary qualified personnel to provide the SERVICES. STANTEC represents that it has access to the experience and capability necessary to and agrees to perform the SERVICES with the reasonable skill and diligence required by customarily accepted professional practices and procedures normally provided in the performance of the SERVICES at the time when and the location in which the SERVICES were performed. In performing the SERVICES under this AGREEMENT, STANTEC shall operate as and have the status of an independent contractor and shall not act as, or be an employee of the CLIENT.

The SERVICES performed by STANTEC shall be subject to the inspection and the review of the CLIENT at all times but such inspection and review shall not relieve STANTEC from its responsibility for the proper performance of the SERVICES.

TERMINATION: Either party may terminate this AGREEMENT without cause upon thirty (30) days' notice in writing. If either party breaches this AGREEMENT, the non-defaulting party may terminate this AGREEMENT after giving seven (7) days' notice to remedy the breach. On termination of this AGREEMENT, the CLIENT shall forthwith pay STANTEC for the SERVICES performed to the date of termination. Non-payment by the CLIENT of STANTEC's invoices within 30 days of STANTEC rendering same is agreed to constitute a material breach of this AGREEMENT and, upon written notice as prescribed above, the duties, obligations and responsibilities of STANTEC are terminated. CLIENT may terminate for convenience, in which case STANTEC shall be paid for work completed to date.

SUSPENSION OF SERVICES: If the project is suspended for more than thirty (30) calendar days in the aggregate, STANTEC shall be compensated for services performed and charges incurred prior to receipt of notice to suspend and, upon resumption, an equitable adjustment in fees to accommodate the resulting demobilization and remobilization costs. In addition, there shall be an equitable adjustment in the project schedule based on the delay caused by the suspension. If the PROJECT is suspended for more than ninety (90) days, STANTEC may, at its option, terminate this agreement upon giving notice in writing to the CLIENT.

ENVIRONMENTAL: Except as specifically described in this AGREEMENT, STANTEC's field investigation, laboratory testing and engineering recommendations will not address or evaluate pollution of soil or pollution of groundwater.

Where the services include storm water pollution prevention (SWPP), sedimentation or erosion control plans, specifications, procedures or related construction observation or administrative field functions, CLIENT acknowledges that such SERVICES proposed or performed by STANTEC are not guaranteed to provide complete SWPP, sedimentation or erosion control, capture all run off or siltation, that any physical works are to be constructed and maintained by the CLIENT's contractor or others and that STANTEC has no control over the ultimate effectiveness of any such works or procedures.

BUILDING CODES, BYLAWS AND OTHER PUBLIC REGULATIONS: STANTEC shall, to the best of its ability, interpret building codes, by-laws and other public regulations as they apply to the PROJECT and as they are published at the time SERVICES commence. Furthermore, STANTEC shall observe and comply with all applicable laws, ordinances, codes and regulations of government agencies, including federal, state, provincial, municipal and local governing bodies having jurisdiction over the conduct of the SERVICES ("LAWS"). However, it is expressly acknowledged and agreed by the CLIENT that as the PROJECT progresses such building codes, by-laws, other public regulations and LAWS may change or the interpretation of any public authority may differ from the interpretation of STANTEC, through no fault of STANTEC, and any extra costs necessary to conform to such changes or interpretations during or after execution of the SERVICES will be paid by the CLIENT.

STANTEC shall continue to provide equal employment opportunity to all qualified persons and to recruit, hire, train, promote and compensate persons in all jobs without regard to race, color, religion, sex, age, disability or national origin or any other basis prohibited by applicable laws.

COST AND SCHEDULE OF CONSTRUCTION WORK: In providing opinions of probable cost and project schedule, it is recognized that neither the CLIENT nor STANTEC has control over the costs of labor, equipment or materials, or over the Contractor's methods of determining prices or time. The opinions of probable cost or project duration are based on STANTEC's reasonable professional judgment and experience and do not constitute a warranty, express or implied, that the Contractors' bids, project schedules, or the negotiated price of the Work or schedule will not vary from the CLIENT's budget or schedule or from any opinion of probable cost or project schedule prepared by STANTEC. Exact costs and times will be determined only when bids have been received for the PROJECT and when the construction work has been performed and payments finalized.

ADMINISTRATION OF CONSTRUCTION CONTRACTS: When applicable, STANTEC shall provide field services during the construction of the PROJECT only to the extent that such SERVICES are included and defined in this AGREEMENT. The performance of the construction contract is not STANTEC's responsibility nor are STANTEC's field services rendered for the construction contractor's benefit.

It is understood and agreed by the CLIENT and STANTEC that only work which has been seen during an examination by STANTEC can be said to have been appraised and comments on the balance of any construction work are assumptions only.

When field services are provided by STANTEC, the authority for general administration of the PROJECT shall reside with STANTEC only to the extent defined in this AGREEMENT. In such case, STANTEC shall coordinate the activities of other consultants employed by the CLIENT, only to the extent that STANTEC is empowered to do so by such other consultants' contracts with the CLIENT.

STANTEC shall not be responsible for any contractor's failure to carry out the work in accordance with the contract documents nor for the acts or omissions of any contractor, subcontractor, any of their agents or employees, or any other persons performing any of the work in connection with the PROJECT. When field services are provided, no acceptance by STANTEC of the work or services of a construction contractor or other consultants, whether express or implied, shall relieve such construction contractor or other consultants from their responsibilities to the CLIENT for the proper performance of such work or services and further, STANTEC shall not be responsible to the CLIENT or to the construction contractor or to the other consultants for the means, methods, techniques, sequences, procedures and use of equipment of any nature whatsoever, which are employed by the construction contractor or the other consultants in executing, designing, or administering any phases of the PROJECT, or for placing into operation any plant or equipment or for safety precautions and programs incidental thereto.

When field services are provided, STANTEC will not be designated as the party responsible for the compliance by others on the construction work site with the purposes or requirements of applicable environmental, occupational health and safety, or similar legislation. The CLIENT shall designate a responsible party, other than STANTEC, for the coordination and performance of environmental, occupational health and safety activities on the construction work site as required by applicable legislation and associated regulations.

JOBSITE SAFETY: Neither the professional activities of STANTEC, nor the presence of STANTEC or its employees and subconsultants at a construction site, shall relieve the CLIENT and any other entity of their obligations, duties and responsibilities with respect to job site safety. Subject only to applicable legislation, STANTEC and its personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions.

LIMITATION OF LIABILITY: STANTEC's liability insurance limits. As the CLIENT's sole and exclusive remedy under this AGREEMENT any claim, demand or suit shall be directed and/or asserted only against STANTEC and not against any of STANTEC's employees, officers or directors.

STANTEC's liability with respect to any claims arising out of this AGREEMENT shall be absolutely limited to direct damages arising out of the SERVICES and STANTEC shall bear no liability whatsoever for any consequential loss, injury or damage incurred by the CLIENT, including but not limited to claims for loss of use, loss of profits and loss of markets.

Indemnification by Engineer: To the fullest extent permitted by law, Engineer shall indemnify and hold harmless Owner, and Owner's officers, directors, partners, agents, consultants, and employees from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of property, tangible or otherwise (including the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Engineer or Engineer's officers, directors, partners, employees, agents or Consultants. The indemnification provision of the preceding sentence is subject to and limited by the provisions agreed to by Owner and Engineer in Exhibit I, "Allocation of Risks," if any.

Indemnification by Owner: To the fullest extent permitted by law, Owner shall indemnify and hold harmless Engineer, Engineer's officers, directors, partners, agents, employees, and Consultants from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death or to injury to or destruction of property, tangible or otherwise (including the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Owner or Owner's officers, directors, partners, agents,

consultants, or employees, or others retained by or under contract to the Owner with respect to this Agreement or to the Project.

Ownership of Documents: Drawings, specifications, reports, and any other documents prepared by Engineer in connection with any or all of the services furnished hereunder shall be the property of the Client. Engineer shall have the right to retain copies of all documents and drawings for its files.

STANTEC cannot guarantee the authenticity, integrity or completeness of data files supplied in electronic format ("Electronic Files"). CLIENT shall release, indemnify and hold STANTEC, its officers, employees, consultants and agents harmless from any claims or damages arising from the use of Electronic Files. Electronic files will not contain stamps or seals, remain the property of STANTEC, are not to be used for any purpose other than that for which they were transmitted, and are not to be retransmitted to a third party without STANTEC's written consent.

FORCE MAJEURE: Any default in the performance of this AGREEMENT caused by any of the following events and without fault or negligence on the part of the defaulting party shall not constitute a breach of contract: labor strikes, riots, war, acts of governmental authorities, unusually severe weather conditions or other natural catastrophe, or any other cause beyond the reasonable control or contemplation of either party.

GOVERNING LAW: This AGREEMENT shall be governed, construed and enforced in accordance with the laws of the jurisdiction in which the majority of the SERVICES are performed.

ASSIGNMENT AND SUCCESSORS: Neither the CLIENT nor STANTEC shall, without the prior written consent of the other party, assign the benefit or in any way transfer the obligations of this AGREEMENT or any part hereof. This AGREEMENT shall inure to the benefit of and be binding upon the parties hereto, and except as otherwise provided herein, upon their executors, administrators, successors, and assigns.

PROTECTION OF PRIVACY LAWS: STANTEC will comply with its statutory obligations respecting the collection, use, disclosure, access to, correction, protection, accuracy, retention and disposition of personal information that may be collected or created under this AGREEMENT. STANTEC will refer any request for access to or correction of personal information that is made under statute to the CLIENT and will comply with any directions from the CLIENT respecting the access request, or respecting correction and annotation of personal information. STANTEC will, at reasonable times and on reasonable notice, allow the CLIENT to enter its premises and inspect any personal information of the CLIENT's that is in the custody of STANTEC or any of STANTEC's policies or practices relevant to the management of personal information subject to this AGREEMENT.

ENTIRE AGREEMENT: This AGREEMENT constitutes the sole and entire agreement between the CLIENT and STANTEC relating to the PROJECT and supersedes all prior agreements between them, whether written or oral respecting the subject matter hereof and no other terms, conditions or warranties, whether express or implied, shall form a part hereof. This AGREEMENT may be amended only by written instrument signed by both the CLIENT and STANTEC. All attachments referred to in this AGREEMENT are incorporated herein by this reference; however, in the event of any conflict between attachments and the terms and conditions of this AGREEMENT, the terms and conditions of this AGREEMENT shall take precedence.

SEVERABILITY: If any term, condition or covenant of this AGREEMENT is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions of this AGREEMENT shall be binding on the CLIENT and STANTEC.

THE PARTIES EXPRESSLY ACKNOWLEDGE THAT THIS AGREEMENT CONTAINS LIMITATION OF LIABILITY PROVISIONS RESTRICTING RIGHTS FOR THE RECOVERY OF DAMAGES.

The Parties, intending to be legally bound, have made, accepted and executed this AGREEMENT as of the Agreement Date noted above.

MADISON COUNTY BOARD OF SUPERVISORS, MADISON COUNTY, MS

STANTEC CONSULTING SERVICES INC.

Print Name and Title

Signature _____

Print Name and Title

Signature _____

John E. McKee, Senior Principal

Print Name and Title

Signature _____


Brad Engels, Senior Associate

Print Name and Title

Signature _____




PROFESSIONAL SERVICES AGREEMENT ATTACHMENT "A"

Attached to and forming part of the AGREEMENT BETWEEN:

MADISON COUNTY BOARD OF SUPERVISORS, MADISON
COUNTY, MS

(hereinafter called the "CLIENT")

- and -

STANTEC CONSULTING SERVICES INC.

(hereinafter called "STANTEC")

EFFECTIVE: _____, 2019

This Attachment details the SERVICES, CONTRACT TIME, CONTRACT PRICE, ADDITIONAL CONDITIONS and ADDITIONAL ATTACHMENTS forming part of the above described AGREEMENT.

SERVICES: STANTEC shall perform the following SERVICES:

Stantec shall provide professional services as requested by the Client in accordance with the General Scope of Services set forth in **Exhibit A**. The Client shall compensate Stantec for these services in accordance with the provisions set forth in this agreement and the rates of compensation contained in the Rate Table below.

Exhibit A: General Scope of Services

Stantec shall perform professional services involving the proposed King Ranch Road Improvements Project. The project is located approximately 0.86 miles east of I-55 in Canton MS. The proposed improvements include adding a dedicated left turn from the north and south approach of King Ranch Road to SR 22. In addition, a dedicated right turn lane will be provided from the north approach of King Ranch to SR 22. A right in/right of SR 22 to the business in the south west quadrant of the project will be included in the project.

Preliminary Design Services

The following services will be included in the preliminary design services:

- Topographical Survey
- Geotechnical Study
- Hydraulic Evaluation
- Preliminary Roadway Design
- Coordination with Impacted Utilities
- Conduct a Field Review with all required parties
- Preliminary Signal Design

Final Design Phase Services

Following the completion of the Preliminary Design Phase Services, we will prepare the final design plans based on comments received during the Field Review. The following services will be included in the final design services:

- Final Roadway Design
- Final Signal Design
- Final Specifications

Right-Of-Way and Utility Relocation Services (The fee for these services will be negotiated at a later date or provided by others under a separate contract.)

Following the final design phase, we will develop Right of Way Maps, Deeds and Descriptions, prepare appraisals and acquisition services. All ROW will be acquired and all relocation services carried out in accordance with the Uniform Act guidelines. We will also coordinate with all impacted utility companies regarding any required relocations.

Bidding and Awarding Services

These services will include assisting Madison County with the bidding process through award.

Construction Engineering and Inspection (CE&I) Services (The fee for these services will be negotiated at a later date.)

Once the project has been awarded, we will provide all CE&I services.

The following services will be included:

- Fulltime supervision and inspection of the contractor performing the work
- Collection and testing of all material as required
- Perform all required measurement and documentation of pay-item quantities
- Preparation and submission of all construction payment requests
- Perform documentation of daily work activities and maintain the project diaries
- Prepare all documents related to the project closeout

(hereinafter called the "SERVICES")

CONTRACT TIME: Commencement Date: _____, 2019

Estimated Completion Date: December 31, 2020

CONTRACT PRICE: Subject to the terms below, CLIENT will compensate STANTEC as follows:

Compensation will be based upon the Rate Table below with a "Not to Exceed" cost of **\$94,940.01**:

Project specific charges, such as subconsultants; travel, accommodations and meals; project-specific printing of deliverables; consumables; usage charges for specialized field equipment and company-owned, leased or rented project vehicles; external testing lab charges and other external services charges; specialized computer software costs; and other significant project-specific expenses will be invoiced in addition to labor fees.

Where the SERVICES or services conditions change, STANTEC shall submit to the CLIENT in a timely manner, documentation of the revisions to Attachment "A" adjusting the Contract Services Time and Price as required.

Unless otherwise specified, charges for SERVICES are based on STANTEC's hourly billing rate table ("Rate Table"), attached hereto. The Rate Table is subject to escalation from time to time.

Compensation for Right-Of-Way and Utility Relocation and CE&I Services will be negotiated at a later date.

Summary of Fees	
Consultant	Fee
Stantec	\$ 87,785.01
Burns Cooley Dennis	\$ 7,155.00
Total Fee	\$ 94,940.01

ADDITIONAL CONDITIONS: The following additional conditions shall be read in conjunction with and constitute part of this AGREEMENT:

No Additional Conditions

PROFESSIONAL SERVICES AGREEMENT ATTACHMENT "A"

ADDITIONAL
ATTACHMENTS:

The following additional attachments shall be read in conjunction with and constitute part of this AGREEMENT:

Rate Table:

Labor	Rate
Principal	\$177.66
Senior Professional Engineer	\$177.66
Professional Engineer	\$131.07
Engineer Intern	\$101.19
Senior Transportation Designer	\$119.97
Engineering Technician III	\$105.90
Engineering Technician II	\$89.43
Engineering Technician I	\$71.49
Professional Land Surveyor	\$143.07
Survey Party Chief	\$91.80
Instrumentman	\$70.02
Survey Rodman	\$59.94
Administrative	\$85.89
Clerical	\$48.00
Units	
Vehicle Mileage	\$0.580

INSURANCE
REQUIREMENTS:

Before any services are provided under this agreement, STANTEC shall procure, and maintain in effect during the term of this agreement, insurance coverage in amounts and on terms not less than set forth below.

General Liability: Commercial general liability insurance for personal and bodily injury, including death, and property damage in the amount of \$1,000,000 each occurrence and not less than \$2,000,000 in the aggregate.

Automobile Liability: Automobile liability insurance for bodily injury, including death, and property damage in the amount of \$1,000,000 each occurrence.

Professional Liability: Professional liability insurance for damages incurred by reason of any negligent act, error or omission committed or alleged to have been committed by STANTEC in the amount of \$1,000,000 per claim and in the aggregate.

Workers' Compensation: As prescribed by applicable law.

Certificates: Upon request, STANTEC shall provide certificates of insurance evidencing coverage required above. Each certificate shall provide that the coverage therein afforded shall not be cancelled except with thirty (30) days prior written notice to the CLIENT.

Summary
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
5/14/2019

	Man-Hours	Sub-Consultants Fee	Labor Cost	Direct Cost	Total Cost
Activation	28		\$3612.12		\$3,612.12
Meetings	61		\$7,466.13		\$7,466.13
Environmental	10		\$1,403.88		\$1,403.88
Geotechnical	52	\$7,155.00			\$7,155.00
Roadway	272		\$33,298.20		\$33,298.20
Traffic	144		\$18,817.68	\$53.50	\$18,871.18
Utility Relocation Coordination	34		\$4,922.28		\$4,922.28
Survey	101		\$9,548.89		\$9,548.89
PS&E/Advertisement	60		\$7,662.33	\$1,000.00	\$8,662.33
Total	762	\$7,155.00	\$86,731.51	\$1,053.50	\$94,940.01

\$94,940.01

Notes: Project information at the top of this sheet is linked to all the tabs in the workbook, so it only h

All hour and fee amounts for each tab are linked to this summary page. If more tabs are needed sub-consultant fees, please link to this page and highlight in red font.

All links and formulas contained in this workbook are included for convenience only. It is the cc all information is accurate prior to submittal.

Task items in each tab should not be considered as an exhaustive list of potential items of work that are considered to be project specific rather than absorbing the hours in items already listed

Activation Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Item Description	Estimated Hours								Total Hours
	Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
Project Activation									
LPA 100			2.0						2.0
LPA 700/800			4.0		4.0				8.0
Design Exceptions/Variations			8.0						8.0
Kickoff Meeting			6.0		2.0				8.0
Quality Control		2.0							2.0
Total Hours		2.0	20.0		6.0				28.0

Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.89	\$48.00	
Labor Cost		\$355.32	\$2,621.40		\$635.40	\$0.00	\$0.00	\$0.00	\$3,612.12

Direct Costs: Qty. Unit Price¹
Mileage
Meals
Lodging
Postage
Supplies
Reproductions
Other

¹ See State Travel Handbook

Total Direct Costs:

Prime Total \$3,612.12

Subconsultant A
Subconsultant B
Subconsultant Total

Project Total \$3,612.12

Meetings Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Item Description	Estimated Hours								Total Hours
	Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
Field Review									
Print and Distribute Plans			2.0	2.0			2.0	2.0	8.0
Conduct Plan in Hand review		1.0	2.0	4.0					7.0
Prepare Field Review Report		1.0	2.0						3.0
Office Review									
Print Plans and Specifications		1.0	2.0				2.0	2.0	7.0
Compile Design Notebook		1.0	2.0	4.0					7.0
Prepare ROW/Util Status Report		2.0	2.0						4.0
Conduct Plan Review		4.0	2.0	4.0					10.0
Prepare Office Review Report		1.0	1.0						2.0
PS&E Assembly									
MDOT Coordination	1.0	2.0	2.0				4.0	4.0	13.0
Quality Control									
Total Hours	1.0	13.0	17.0	14.0			8.0	8.0	61.0
Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.89	\$48.00	
Labor Cost	\$177.66	\$2,309.58	\$2,228.19	\$1,679.58			\$687.12	\$384.00	\$7,466.13

Direct Costs:	Qty.	Unit Price ¹
Mileage		
Meals		
Lodging		
Postage		
Supplies		
Reproductions	0.0	\$0.10
Other		
¹ See State Travel Handbook		

Total Direct Costs:

Prime Total \$7,466.13

Subconsultant A

Subconsultant B

Subconsultant Total

Project Total \$7,466.13

Environmental Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Item Description	Estimated Hours								Total Hours
	Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
Environmental Documentation									
ENV-160		2.0	8.0						10.0
Totals	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	10.0
Total Hours		2.0	8.0						10.0

Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.89	\$48.00	
Labor Cost		355.3	1048.6						\$1,403.88

Direct Costs: Qty. Unit Price¹

Mileage
Meals
Lodging
Postage
Supplies
Reproductions
Other

¹ See State Travel Handbook

Total Direct Costs:

Prime Total \$1,403.88

Subconsultant A

Subconsultant B

Subconsultant Total

Project Total \$1,403.88

Roadway Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Item Description	Estimated Hours								Total Hours
	Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
Field Review									
Title Sheet			1.0	1.0					2.0
General Notes				2.0	1.0				3.0
Typical Sections			1.0	4.0	4.0				9.0
									0.0
Horizontal Alignment Design			1.0	4.0	2.0				7.0
									0.0
Vertical Alignment Design			1.0	4.0	2.0				7.0
									0.0
Cross Sections									0.0
Run Pattern Lines			1.0	4.0					5.0
Cut Existing Cross Sections			2.0	4.0					6.0
Evaluate/Run Shape Files			2.0	4.0					6.0
Determine Proposed Template Criteria			1.0	4.0					5.0
Generate Proposed Templates			2.0	4.0	2.0				8.0
Determine Constructability Issues		1.0	2.0	4.0	2.0				9.0
									0.0
Traffic Control Plan			2.0	4.0	4.0				10.0
QA/QC	1.0	1.0	2.0						4.0
									0.0
									0.0
Revise Plans Per Field Review		1.0	8.0	16.0	16.0				41.0
									0.0
Office Review									0.0
Typical Sections									0.0
Add Paving Details & Notes			2.0	2.0	1.0				5.0
									0.0
Summary of Quantity Sheets									0.0
Select Appropriate Pay Items			1.0	2.0	2.0				5.0
Add Footnotes				1.0	1.0				2.0
									0.0
Estimated Quantity Sheets									0.0
Traffic Control			2.0	2.0	2.0				6.0
Pavement Marking (permanent and temporary)			2.0	4.0	4.0				10.0
Removal Items			2.0	5.0	4.0				11.0
Permanent Signing		1.0	2.0	6.0	6.0				15.0
Incidental Construction Items			2.0	4.0					6.0
									0.0
Quantity Calculations	1.0	4.0	14.0	16.0					35.0
									0.0
Traffic Control Detail Sheets									0.0
Develop Phasing Narrative (if necessary)			2.0	1.0					3.0
Construction Signing Detail			1.0	2.0					3.0
Address Corrections From MDOT TCP Check									0.0
									0.0
Special Design Sheets			1.0	3.0					4.0
Erosion Control Sheets (including plan-profile EC sheets)			2.0	2.0					4.0
									0.0
Intersection Detail Sheets		1.0	2.0	6.0	6.0				15.0
Pavement Marking Detail Sheets			1.0	4.0	4.0				9.0
"Standard" Special Design Sheets				1.0	1.0				2.0
Miscellaneous Detail Sheets		1.0	1.0	1.0	1.0				4.0
Control Points Sheet									0.0
ADA Removal and Repair Details									0.0
QA/QC	1.0	2.0	2.0						5.0
Submit Office Review Plans									0.0
Complete/Submit Office Review Plans				2.0	2.0				4.0
Submit Quantity Calculations (1 multi-page pdf)			1.0						1.0
Submit CADD Files			1.0						1.0

Roadway Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

Revise Plans										
										0.0
Total Hours		3.0	12.0	67.0	123.0	67.0				272.0
Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.89	\$48.00		
Labor Cost	\$532.98	\$2,131.92	\$8,781.69	\$14,756.31	\$7,095.30					\$33,298.20

Direct Costs: Qty. Unit Price¹
Mileage 0.0
Meals
Lodging
Postage
Supplies
Reproductions
Other
¹ See State Travel Handbook

Total Direct Costs:

Prime Total \$33,298.20

Subconsultant A
Subconsultant B
Subconsultant Total

Project Total \$33,298.20

Traffic Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process/Item Description	Estimated Hours								Total Hours
	Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
Pre-Design			1.0	1.0					2.0
	Develop Base Dgns, Sheets, Acquire As-Built & Available Data								
Field Review		4.0	8.0	16.0	8.0				36.0
	Preliminary Traffic Signal Equipment Installation Layouts								
Office Review Plans		1.0	8.0		16.0				25.0
	Traffic Signal Installation Sheets - Detailed								
		2.0	6.0	8.0					16.0
	Prepare Sheet Quantities and SQ's and Notes								
		2.0	4.0	2.0					8.0
	Prepare Cost Estimate								
		2.0	4.0	4.0					10.0
	Prepare Permanent Signing Plans, Details and Quantities								
Final Plans			6.0	6.0					16.0
	Revise O R P. as req'd by O R Meeting								
		1.0	4.0	4.0					9.0
	Prepare and Submit Final Plans								
		2.0	4.0						6.0
	Prepare and Submit Final Cost Estimate and Quantity Calculations								
Project Mgmt/QC		8.0	8.0						16.0
	All Project Mgmt, Quality Reviews and Coordination/Communications								
Total Hours	Total Hours		22.0	55.0	43.0	24.0			144.0

Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.85	\$48.00	\$18,817.68
Labor Cost		3908.5	7208.9	5158.7	2541.6				

Direct Costs:	Qty	Unit Price ¹	
Mileage	100.0	\$0.54	\$53.50
Meals			
Lodging			
Postage			
Supplies			
Reproductions			
Other			
¹ See State Travel Handbook			

Total Direct Costs \$53.50

Prime Total \$18,871.18

Subconsultant A	
Subconsultant B	
Subconsultant Total	

Project Total \$18,871.18

Utility Relocation Coordination Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Item Description	Estimated Hours								Total Hours
	Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
Utility Relocation Coordination	2.0	8.0	24.0						34.0
Total Hours	2.0	8.0	24.0						34.0
Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.89	\$48.00	
Labor Cost	355.3	1421.3	3145.7						\$4,922.28

Direct Costs: Qty Unit Price¹
Mileage
Meals
Lodging
Postage
Supplies
Reproductions
Other
¹ See State Travel Handbook

Total Direct Costs:

Prime Total	\$4,922.28
Subconsultant A	<input type="text"/>
Subconsultant B	<input type="text"/>
Subconsultant Total	<input type="text"/>
Project Total	\$4,922.28

Survey Sheet
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Description	Item	Estimated Hours								Total Hours
		Professional Land Surveyor	Survey Party Chief	Instrumentman	Cadd Technician	Survey Rodman	Clerical	Labor Classification	Labor Classification	
Field Review										
Project Management		1.0					2.0			3.0
Field Survey		2.0	32.0	32.0	32.0					98.0
Total Hours		3.0	32.0	32.0	32.0		2.0			101.0

Raw Labor Rates	\$143.07	\$91.80	\$70.22	\$119.97		\$48.00	\$0.00	\$0.00	
Labor Cost	429.2	2937.6	2247.0	3839.0		96.0			\$9,548.89

Direct Costs:	Qty	Unit Price ¹
Mileage	0.0	\$0.54
Meals		
Lodging		
Postage		
Supplies		
Reproductions		
Other	0.0	\$200.00

¹ See State Travel Handbook

Total Direct Costs:

Prime Total \$9,548.89

Subconsultant A

Subconsultant B

Subconsultant Total

Project Total \$9,548.89

PS&E / Advertisement
King Ranch Road
MADISON COUNTY
STANTEC CONSULTING SERVICES INC.
3/27/2019

MDOT Process Description	Item	Estimated Hours								Total Hours
		Principal	Senior Professional Engineer	Professional Engineer	Senior Technician	CADD Technician	GIS Analyst	Administrative	Clerical	
PS&E Assembly										
	Right of Way Certification			1.0						1.0
	Utility Certification			1.0						1.0
	Encroachment Certification			1.0						1.0
	Hazardous Waste Certification			1.0						1.0
	Compose Letters			1.0						1.0
	Compile Forms			1.0						1.0
	Print Plans					4.0			2.0	6.0
	Assemble Specifications		2.0	4.0						6.0
	MDOT Coordination		2.0	2.0						4.0
Advertisement										
	Print Plans and Specifications			6.0		4.0			2.0	12.0
	Prepare Advertisement			3.0						3.0
	Bidder Coordination		2.0	4.0				2.0		8.0
	Receive & Evaluate Bids		2.0	2.0						4.0
	Assemble Bids and Submil			4.0				2.0		6.0
	Quality Control	1.0	2.0	2.0						5.0
	Total Hours	1.0	10.0	33.0		8.0		4.0	4.0	60.0

Raw Labor Rates	\$177.66	\$177.66	\$131.07	\$119.97	\$105.90	\$105.90	\$85.89	\$48.00	
Labor Cost	\$178	\$1,777	\$4,325		\$847		\$344	\$192	\$7,662.33

Direct Costs:

	Qty.	Unit Price ¹		
Mileage				
Meals				
Lodging				
Postage				
Supplies				
Reproductions	10000.0	\$0.10	\$1,000.00	
Other				
¹ See State Travel Handbook				
Total Direct Costs				\$1,000.00
Prime Total				\$8,662.33
Subconsultant A				
Subconsultant B				
Subconsultant Total				
Project Total				\$8,662.33