CLIY CLERK DEPT 2019 DEC 18 AM11:51

CITY OF EL PASO, TEXAS AGENDA ITEM DEPARTMENT HEAD'S SUMMARY FORM

DEPARTMENT:

Capital Improvement

AGENDA DATE:

January 7, 2020

CONTACT PERSON/PHONE:

Sam Rodriguez, P.E., City Engineer, (915) 212-1845

DISTRICT(S) AFFECTED:

2

STRATEGIC GOAL:

No. 4: Enhance El Paso's Quality of Life through Recreational,

Cultural and Educational Environments

SUBJECT:

That the City Manager be authorized to sign an Agreement for Professional Services by and between the CITY OF EL PASO and BROCK AND BUSTILLOS, INC., a Texas Corporation, for a project known as "RECREATIONAL FACILITY LOWER BEAUMONT PROPERTY – FT. BLISS" for an amount not to exceed SIX HUNDRED FIFTY THOUSAND NINE HUNDRED THIRTEEN AND 39/100 DOLLARS (\$650,913.39); that the City Engineer is authorized to approve additional Basic Services and Reimbursables for an amount not to exceed Fifty Thousand and No/100 Dollars (\$50,000.00); and to approve Additional Services for an amount not to exceed Fifty Thousand and No/100 Dollars (\$50,000.00); if such services are necessary for the proper execution of the project and that the increased amounts are within the appropriate budgets of the project for a total amount of Seven Hundred Fifty Thousand Nine Hundred Thirteen and 39/100 Dollars (\$750,913.39); and that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for the execution of the Agreement.

BACKGROUND / DISCUSSION:

The City of El Paso will be developing the property known as the Lower Beaumont Property. The Lower Beaumont Property improvements are composed of designing and constructing a recreational facility that will include a hiking/biking trail; unimproved recreational space; four flat recreational/athletic turf fields; irrigation; and infrastructure shared for all fields including seating areas; lighting; parking; site access/infrastructure improvements; recreational equipment storage; maintenance facility; and restrooms. The COEP will ultimately enter a long term lease agreement with the Army for the 70-acre portion of Fort Bliss property adjacent to Fred Wilson Avenue and Dyer Street.

PROTEST No protest received for this requirement. Protest received. COUNCIL REPRESENTATIVE BRIEFING: Was a briefing provided? ☐ Yes or ☒ No If yes, select the applicable districts. ☐ District 1 PPS FORM 001, Rev. 3, 8/9/2016

(Discard Previous Versions)

District 2	CITY CLERK DEPT
District 3	2019 DEC 18 AM11:51
District 4	
District 5	
District 6	
District 7	
District 8	
All Districts	
PRIOR COUNCIL ACTION: N/A	
AMOUNT AND SOURCE OF FUNDING: 4,903,846.15 – 2012 Quality of Life	
BOARD / COMMISSION ACTION: N/A	
*******************REQUIRED AUTHORIZATION*****	*****
DEPARTMENT HEAD.	

Sam Rodriguez, P.E., City Engineer



CITY OF EL PASO CAPITAL IMPROVEMENT DEPARTMENT 218 N. CAMPBELL, 2ND FLOOR EL PASO, TEXAS 79901

EVALUATION COMMITTEE SCORE SUMMARY

SOLICITATION# 2020-073R RECREATIONAL FACILITY LOWER BEAUMONT

	BROCK & BUSTILLOS	HUITT ZOLLARS	SLI ENGINEERING	
Rater #1	81	94	92	
Rater #2	54	58	68	
Rater #3	56	69	60	
Total Score	191	221	220	



CITY OF EL PASO CAPITAL IMPROVEMENT DEPARTMENT 218 N. CAMPBELL, 2ND FLOOR EL PASO, TEXAS 79901

INTERVIEW SCORE SUMMARY

SOLICITATION# 2020-073R RECREATIONAL FACILITY LOWER BEAUMONT PROPERTY FT BLISS

	BROCK & BUSTILLOS	HUITT ZOLLARS	SLI ENGINEERING	
Rater #1	81	68	61	
Rater #2	90	64	88	
Rater #3	89	83	80	
Total Score	260	215	229	

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

That the City Manager be authorized to sign an Agreement for Professional Services by and between the CITY OF EL PASO and BROCK AND BUSTILLOS, INC., a Texas Corporation, for a project known as "RECREATIONAL FACILITY LOWER BEAUMONT PROPERTY – FT. BLISS" for an amount not to exceed SIX HUNDRED FIFTY THOUSAND NINE HUNDRED THIRTEEN AND 39/100 DOLLARS (\$650,913.39); that the City Engineer is authorized to approve additional Basic Services and Reimbursables for an amount not to exceed Fifty Thousand and No/100 Dollars (\$50,000.00) and to approve Additional Services for an amount not to exceed Fifty Thousand and No/100 Dollars (\$50,000.00) if such services are necessary for the proper execution of the project and that the increased amounts are within the appropriate budgets of the project for a total amount of Seven Hundred Fifty Thousand Nine Hundred Thirteen and 39/100 Dollars (\$750,913.39); and that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for the execution of the Agreement.

	CITY OF EL PASO:
	Dee Margo, Mayor
ATTEST:	
Laura D. Prine City Clerk	
APPROVED AS TO FORM:	APPROVED AS TO CONTENT:
Sol M. Cortez	Samuel Rodriguez, P.S. City Engineer

Capital Improvement Department

ADOPTED THIS _____ DAY OF ____ 2019.

Senior Assistant City Attorney

THE STATE OF TEXAS)	
)	AN AGREEMENT FOR
COUNTY OF EL PASO)	PROFESSIONAL SERVICES

This Agreement is made this _____ day of ______, 2019 by and between the CITY OF EL PASO, a municipal corporation organized and existing under the laws of the State of Texas, hereinafter referred to as the "Owner", and Brock and Bustillos, Inc., a Texas Corporation, hereinafter referred to as the "Consultant".

WHEREAS, the Owner intends to engage the Consultant to perform architect and engineering services for the project known as "RECREATIONAL FACILITY LOWER BEAUMONT PROPERTY - FT. BLISS", hereinafter referred to as the "Project", as further described in Attachments "A" and

WHEREAS, Consultant has been selected to perform such services as required by the Owner, and the Consultant was selected through the Owner's selection procedure, in accordance with all applicable state and local laws and ordinances;

NOW, THEREFORE, for the consideration set forth in this Agreement and its attachments, the Owner and Consultant agree as follows:

ARTICLE I. ATTACHMENTS

1.1 The attachments listed herein and attached to this Agreement are incorporated herein by reference for all purposes.

Attachment "A"	Scope of Services and Budget
Attachment "B"	Consultant's Fee Proposal and Hourly Rates
Attachment "C"	Consultant's Basic and Additional Services
Attachment "D"	Payment and Deliverable Schedules
Attachment "E"	Insurance Certificate

ARTICLE II. PROJECT

- 2.1 The Owner hereby agrees to retain the Consultant and the Consultant agrees to perform construction management services for the Project as professional consultant for the Project. The Project shall consist of the Consultant's completion of the Scope of Services as further described in Attachment "A". Such Scope of Services shall be completed in accordance with the identified phases described in Attachment "D".
- 2.2 The Consultant shall comply with the City of El Paso Capital Improvement Department Construction Document Guidelines in effect on the execution date of this Agreement in the performance of the services requested under this Agreement. Such Guidelines are available in the Capital Improvement Department.

- 2.3 The Consultant shall serve as the Owner's professional representative for the construction of the Project to which this Agreement applies and shall give consultation and advice to the Owner during the performance of services.
- 2.4 The Owner shall provide all available information to the Consultant, as to the Owner's requirements for each Project's the construction contract. The Owner shall also provide to the Consultant, all known information pertinent to the Project site, including previous reports and other data relative to design, such as "as-built" drawings or physical conditions now existing at the Project site. In performing its services, the Consultant will be entitled to rely upon the accuracy of the Owner provided information.
- 2.5 The Owner hereby designates the City Engineer of the City of El Paso as the Owner's representative with respect to the professional services to be provided by the Consultant pursuant to this Agreement. The City Engineer shall have complete authority to transmit instructions, receive information, interpret and define Owner's policies, and decisions with respect to materials, equipment, elements, and systems pertinent to the work covered by this Agreement. City Engineer will render written decisions within a five (5) working day time period.

ARTICLE III. CONSULTANT FEES AND PROJECT BUDGET

3.1 PAYMENT TO CONSULTANT. The Owner shall pay to the Consultant an amount not to exceed SIX HUNDRED FIFTY THOUSAND NINE HUNDRED THIRTEEN AND 39/100 DOLLARS (\$650,913.39) for all basic services and reimbursables performed pursuant to this Agreement.

The City Engineer may, without further authorization from the City Council and in a form approved by the City Attorney, increase the total payment identified for all basic services and reimbursables performed pursuant to this Agreement in an amount not to exceed FIFTY THOUSAND AND NO/100 DOLLARS (\$50,000.00), if such services are necessary for proper execution of the Project and the increased amounts are within the appropriate budget identified for the identified Project.

In addition, if authorized in advance by the City Engineer, in a form approved by the City Attorney, the Consultant may perform such Additional Services as also enumerated within Attachment "C" in an amount not to exceed FIFTY THOUSAND AND NO/100 DOLLARS (\$50,000.00), if such services are necessary for proper execution of any identified Projects and the increased amounts are within the appropriate budget identified for the identified Projects. Additional Services exceeding FIFTY THOUSAND AND NO/100 DOLLARS (\$50,000.00) must have prior approval by City Council through written amendment to this Agreement.

The parties agree and understand that all fees and compensation to the Consultant shall only become due and payable in accordance with the terms of this Agreement and the fees to be charged for the Project shall be pursuant to the Consultant's fee proposal for such Basic and Additional Services at the rates which is attached hereto as **Attachment "B"**.

- 2.3 The Consultant shall serve as the Owner's professional representative for the construction of the Project to which this Agreement applies and shall give consultation and advice to the Owner during the performance of services.
- 2.4 The Owner shall provide all available information to the Consultant, as to the Owner's requirements for each Project's the construction contract. The Owner shall also provide to the Consultant, all known information pertinent to the Project site, including previous reports and other data relative to design, such as "as-built" drawings or physical conditions now existing at the Project site. In performing its services, the Consultant will be entitled to rely upon the accuracy of the Owner provided information.
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The parties agree and understand that all fees and compensation to the Consultant shall only become due and payable in accordance with the terms of this Agreement and the fees to be charged for the Project shall be pursuant to the Consultant's fee proposal for such Basic and Additional Services at the rates which is attached hereto as **Attachment "B"**.

Payments to the Consultant shall be made pursuant to Attachment "D".

- 3.2 CONSULTANT'S SERVICES. The Basic Services to be provided by the Consultant for this Agreement are attached hereto as Attachment "C".
- 3.3 CONSULTANT'S INVOICES. The Consultant shall bill the Owner not more often than monthly, through written invoices pursuant to Attachment "D". Invoices shall indicate the costs for outside consultants with copies of their invoices as back-up materials as well as other authorized direct costs for hourly rate contracts. All invoices shall be made in writing. Within ninety days (90) of substantial completion of construction, all outstanding invoices for all work completed to date by the Consultant shall be submitted to the Owner.
 - 3.3.1 Each invoice shall contain a brief summary indicating, at a minimum, the total amount authorized for the Consultant, the current invoiced amount and the amount billed to date. In addition to the Summary, each invoice shall provide a Progress Report. The Progress Report shall describe, at a minimum, the progress of the Project to date also indicating the percentage of completion of the Project. The established schedule for completion shall not be revised except by written amendment to this Agreement, executed by both parties.
 - 3.3.2 The Owner agrees to pay invoices for all services performed as soon as reasonably possible but not later than thirty (30) days from receipt. Upon dispute, however, the Owner may, upon notice to the Consultant, withhold payment to the Consultant for the amount in dispute only, until such time as the exact amount of the disputed amount due the Consultant is determined. The total amount paid to Consultant shall not exceed Consultant's fee proposal, except by written amendment to this Agreement, executed by both parties.
- 3.4 PROJECT CONSTRUCTION BUDGET AND TIME. The Consultant acknowledges that the total project budget for the Project allocates is Three Million Three Thousand and No/100 Dollars (\$3,000,300.00), which is to include all features essential to the operation of the Project for its intended use as described in the Scope of Services and Project budget in Attachment "A". The Consultant does hereby agree to design the Project such that the Consultant's final agreed cost opinions for the construction of the Project, including all features essential to its intended use, is within the above budgeted amount for the base bid. If the Consultant's cost opinions exceed the Project Budget at any time, the Consultant shall make recommendations to the Owner to adjust the Project's size or quality and the Owner shall cooperate with the Consultant to adjust the scope of the Project. If all responsible bids exceed the City approved Consultant's final cost opinions by more than ten percent (10%), the Consultant agrees, at the direction of the Owner, to redesign the Project without additional charge to the Owner in order to bring the Project within the budgetary limitations.
- 3.5 COSTS NOT ENUMERATED. Except as specifically set forth in this Agreement and its attachments, all costs related to the completion of the services requested herein shall be borne by the Consultant and not passed on to the Owner or otherwise paid by the Owner, unless a written amendment to this Agreement is executed by both parties allowing for additional costs.

ARTICLE IV. PERIOD OF SERVICE AND TERMINATION

- 4.1 PERIOD OF SERVICE. The services called for by each phase shall begin upon the issuance of a Notice to Proceed from the City Engineer. The Consultant shall complete the requested services in accordance with the timelines and schedules outlined in Attachments "C" and "D".
- 4.2 SUSPENSION. Barring an early termination as provided herein, this Agreement shall remain in force: a) For a period which may reasonably be required for the design, award of construction contracts, and construction of the improvements included in all construction contracts, including extra work and required extensions thereto; or b) Unless construction has not begun within a period of twelve (12) months after the completion of the services called for in that phase of work last authorized. However, should the Consultant's services be suspended for a period longer than six months, the City and Consultant may renegotiate remaining fees due to changes in salaries or increased costs that may occur during the suspension period. The Owner may determine that this Agreement will remain in full force past the twelve-month period noted above. Such a determination will be based upon the individual circumstances of this Project and this Agreement.
- **4.3 TERMINATION.** This Agreement may be terminated as provided herein.
 - 4.3.1 TERMINATION BY OWNER. It is mutually understood and agreed by the Consultant and Owner that the Owner may terminate this Agreement, in whole or in part for the convenience of the Owner, upon fourteen (14) consecutive calendar days' written notice. It is also understood and agreed that upon such notice of termination, the Consultant shall cease the performance of services under this Agreement. Upon such termination, the Consultant shall provide one final invoice for all services completed and reimbursable expenses incurred prior to the Owner's notice of termination. Owner shall compensate Consultant in accordance with this Agreement; however, the Owner may withhold any payment to the Consultant that is held to be in dispute for the purpose of setoff until such time as the exact amount due the Consultant from the Owner is determined. Nothing contained herein, or elsewhere in this Agreement shall require the Owner to pay for any services that are not in compliance with the terms of this Agreement and its attachments.
 - 4.3.2 TERMINATION BY EITHER PARTY. It is further understood and agreed by the Consultant and Owner that either party may terminate this Agreement in whole or in part. Such a termination may be made for failure of one party to substantially fulfill its contractual obligations, pursuant to this Agreement, and through no fault of the other party. No such termination shall be made, unless the other party being terminated is granted: a) written notice of intent to terminate enumerating the failures for which the termination is being sought; b) a minimum of seven (7) consecutive calendar days to cure such failures; and c) an opportunity for consultation with the terminating party prior to such termination. However, the Owner retains the right to immediately terminate this Agreement for default

if the Consultant violates any local, state, or federal laws, rules or regulations that relate to the performance of this Agreement. In the event of termination by the Owner pursuant to this subsection, the Owner may withhold payments to the Consultant for the purpose of setoff until such time as the exact amount due the Consultant from the Owner is determined.

4.3.3 TERMINATION SHALL NOT BE CONSTRUED AS RELEASE. Termination by either party shall not be construed as a release of any claims that the terminating party may be lawfully entitled to assert against the terminated party. Further, the terminated party shall not be relieved of any liability for damages sustained by the terminating party by virtue of any breach of this Agreement.

ARTICLE V. INSURANCE AND INDEMNIFICATION

- 5.1 INSURANCE. The Consultant shall procure and maintain insurance coverage as required herein and attached in Attachment "E". Consultant shall not commence work under this Agreement until the Consultant has obtained the required insurance and such insurance has been approved by the Owner. The Consultant shall maintain the required insurance throughout the term of this Agreement. Failure to maintain said insurance shall be considered a material breach of this Agreement.
 - **5.1.1 WORKERS' COMPENSATION INSURANCE.** The Consultant shall procure and shall maintain during the life of this Agreement, Workers' Compensation Insurance as required by applicable Texas law for all of the Consultant's employees to be engaged in work under this Agreement. The Consultant shall provide the following endorsement:

"The policy is endorsed to provide that insurer waives any right of subrogation it may acquire against the Owner, its partners, agents and employees by reason of any payment made on or account of injury, including death resulting therefrom, sustained by any employee of the insured."

5.1.2 COMMERCIAL LIABILITY, PROPERTY DAMAGE LIABILITY AND AUTOMOBILE LIABILITY INSURANCE. The Consultant shall procure and shall maintain during the life of this Agreement such Commercial General Liability, Property Damage Liability and Automobile Liability Insurance as shall protect the Consultant and the Consultant's employees performing work covered by this Agreement from claims for damages for personal injury, including accidental death, as well as from claims for property damages, which may arise from operations under this contract, whether such operations be by the Consultant or by anyone directly or indirectly employed by the Consultant. The minimum limits of liability and coverages shall be as follows:

a) Commercial General Liability

\$1,000,000.00 Per Occurrence \$1,000,000.00 Products/Completed Operations \$1,000,000.00 Personal and Advertising Injury

b) <u>AUTOMOBILE LIABILITY</u>

Combined Single Limit \$1,000,000.00 per accident

- 5.1.3 PROFESSIONAL LIABILITY INSURANCE. The Consultant shall procure and shall maintain, at the Consultant's sole expense, Professional Liability Insurance for the benefit of the Owner to cover the errors and omissions of the Consultant, its principals or officers, agents or employees in the performance of this Agreement with a limit of ONE MILLION AND 00/100 DOLLARS (\$1,000,000.00) on a claims made basis.
- **5.1.4 OWNER AS ADDITIONAL INSURED.** The Owner shall be named as an Additional Insured on all of the Consultant's Insurance Policies, with the exception of Workers' Compensation and Professional Liability Insurance required by this Agreement.
- **5.1.5 PROOF OF INSURANCE.** The Consultant shall furnish the City Engineer with certificates showing the type of insurance coverages, limits on each insurance policy, class of operations covered under each insurance policy, effective dates and expiration dates of policies, insurance companies providing the insurance coverages, name of agent/broker and include confirmation of any endorsement(s) required in this Agreement.
- **5.1.6 GENERAL INSURANCE PROVISIONS.** All certificates required herein shall be attached hereto and incorporated for all purposes as **Attachment "E"**. All certificates shall also include the name of the project on the corresponding insurance certificate.
- 5.2 INDEMNIFICATION. To the fullest extent permitted by law, Consultant shall indemnify hold harmless, and defend Owner, and Owner's officers, directors, partners, agents consultants, and employees from and against any 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 any negligent act or omission, intentional tort, intellectual property infringement, or failure to pay a subcontractor or supplier committed by Consultant or Consultant's officers, directors, partners, agents, consultants or employees. The Consultant shall not be responsible for any acts of any of the City's Independent Project Managers.

To the extent allowed by state law, the Owner will be responsible for its own actions.

ARTICLE VI. FEDERAL AND STATE PROVISIONS

6.1 COMPLIANCE WITH APPLICABLE LAWS – FEDERAL AND STATE FUNDING REQUIREMENTS. Consultant, at Consultant's sole expense, agrees that it will operate and perform its responsibilities and covenants under this Agreement in accordance with applicable laws, rules, orders, ordinances, directions, regulations and requirements of federal, state, county and municipal authorities, now in force or which may hereafter be in force, including,

but not limited to, those which shall impose any duty upon the Owner or Consultant with respect to the use of federal and state funds and nondiscrimination in the administration of contracts which are funded, in whole or in part, with federal and state funds.

Specifically, and not in limitation of the foregoing, Consultant agrees that to the extent required by any agreement between the Owner and any Federal and State agency, the laws of the federal government of the United States of America and the rules and regulations of any regulatory body or officer having jurisdiction over this Project, <u>including but not limited to:</u>

- --The Federal Transit Administration (FTA) through a Grant Agreement or Cooperative Agreement with the Owner, or supported by FTA through a Loan, Loan Guarantee, or Line of Credit with the Owner.
- -- The Department of Housing and Urban Development through a Grant Agreement or Cooperative Agreement with the Owner.
- --The Federal Aviation Administration (FAA) through a Grant Agreement or Cooperative Agreement with the Owner, as further described in Attachment "F".
- -- The Texas Department of Transportation through an Agreement with the Owner.

Copies of grant assurances will be made available to Consultant. However, provided copies shall in no way be a limitation on the Consultant's obligation to comply with any Federal and State agency, the laws of the federal government of the United States of America and the rules and regulations of any regulatory body or officer having jurisdiction over this Project.

- **6.1.1 CONTRACT ASSURANCE.** The Consultant or subconsultant shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the consultant to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.
- 6.1.2 DBE GOOD FAITH EFFORTS. The requirements of 49 CFR Part 26, regulations of the U.S. DOT, applies to this contract. It is the policy of the Owner to practice nondiscrimination based on race, color, sex or national origin in the award of performance of this contract. All firms qualifying under this solicitation are encouraged to submit proposals. Award of this contract will be conditioned upon satisfying the requirements of this proposal. These requirements apply to all offerors, including those who qualify as a DBE. A DBE contract goal will be identified pursuant to the federal funding requirements for an individual task order established for this contract. The offeror shall make good faith efforts, as defined in Appendix A, 40 CFR Part 26, to meet the contract goal for DBE participation in the performance of this Agreement.

The Consultant will be required to submit the following information: (1) the names and addresses of DBE firms that will participate in the contract; (2) a description of the work that each DBE firm will perform; (3) the dollar amount of the participation of each DBE firm participating; (4) written documentation of the offeror's commitment to use a DBE subconsultant whose participation it submits to meet the contract goal; (5) written confirmation from the DBE that it is participating in the contract as provided in the commitment made under (4); and (6) if the contract goal is not met, evidence of good faith efforts. The offeror shall submit the information with its proposal as a condition of responsiveness.

DBE participation in this contract may be in the form of a prime contract, subcontract, joint venture, or other arrangement that qualifies under 49 CFR Section 26.55 or 26.53(g), both of which will be submitted on a Letter of Intent to the Owner.

6.2 TERMINATION FOR CANCELLATION OF GRANT. Should this Agreement be terminated as a result of cancellation of federal funds covering this Project, the Owner shall promptly notify the Consultant of the cancellation by certified mail-return receipt requested, whereupon the Consultant shall immediately, on receipt of the letter, cease and desist from performing any other work or services hereunder. In such an event, the Consultant will be paid for professional services performed to such date, upon furnishing the Owner a progress report and an invoice to such date, and upon acceptance of the work by the Owner.

6.3 TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, 78 STAT.252, 42 U.S.C. 2000D TO 2000D-4 AND TITLE 49, CODE OF FEDERAL REGULATIONS, DEPARTMENT OF TRANSPORTATION.

During the performance of this contract, Consultant, for itself, its assignees and successors in interest (hereinafter referred to as the "Consultant") agrees as follows:

- (1) Compliance with Regulations: Consultant shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
- (2) Nondiscrimination: Consultant, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. ADP shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- (3) Solicitations for Subcontractors, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by Consultant for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by Consultant of Consultant's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national

origin.

- (4) Information and Reports: Consultant shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts other sources of information, and its facilities as may be determined by Client to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of Consultant is in the exclusive possession of another who fails or refuses to furnish this information Consultant shall so certify to Client, as appropriate, and shall set forth what efforts it has made to obtain the information.
- (5) Sanctions for Noncompliance: In the event of Consultant's noncompliance with the nondiscrimination provisions of this contract, the Client shall impose such contract sanctions as it may determine to be appropriate, including but not limited to:
 - a. Withholding of payments to the Consultant under the contract until the Consultant complies, and / or
 - b. Cancellation, termination or suspension of the contract in whole or in part.
- (6) Incorporation of Provisions: Consultant shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directive issued pursuant thereto. Consultant shall take such action with respect to any subcontract or procurement as Client may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that in the event a Consultant becomes involved in, or is threatened with litigation with a subcontractor or supplier as a result of such direction, the Consultant may request Client to enter into such litigation to protect the interests of Client and in addition, Consultant may request the United States to enter into such litigation to protect the interests of the United States.

ARTICLE VII. GENERAL PROVISIONS

- 7.1 CONTRACT TIME. Consultant understands and agrees to provide all professional services and deliverables requested herein, as expeditiously as is prudent considering the ordinary professional skill and care of a competent engineer or architect, and to use its best efforts to complete all phases of this Agreement within the time schedules indicated within Attachment "D". It is acknowledged that the Consultant does not have control over all aspects of the design and construction process and cannot warrant that it will complete all services and deliverables by a certain date. The Consultant shall timely notify the City Engineer of any delay beyond its control and the City Engineer shall extend the time schedule in the event of delays which the City Engineer reasonably determines are beyond the control of the Consultant.
- 7.2 OPINION OF PROBABLE COST. As a design professional practicing in El Paso the Consultant is expected to be familiar with the cost of construction, labor, and materials in the El Paso area and of bidding and market trends. The cost opinions of construction cost provided by the Consultant, as required herein, are to be made in light of such familiarity and are expected to be within ten percent (10%) of the bid for the base bid item expected from the lowest responsible bidder.

The Consultant's final cost opinions for the construction of the Project, shall take into account labor costs which shall be based on the current City of El Paso prevailing wage rates as adopted by the City Council. In the event that the Project is funded with federal funds, the higher of the City of El Paso prevailing wage rates or the Davis-Bacon wage rates shall be utilized by the Consultant in compiling a final cost opinions for the Project.

If the Consultant's most recent cost opinion for any construction contract is in excess of the Project construction budget, the Owner shall give written approval of an increase in the limit, or shall cooperate in revising the Project's scope or quality, or both, to reduce the cost as required. Such revisions shall be made, and Drawings and Specifications modified by the Consultant without further compensation.

As noted herein, if all responsible bids exceed the final cost opinion by more than ten percent (10%), the Consultant agrees, at the direction of the Owner, to redesign the Project without additional charge to the Owner in order to bring the Project within the budgetary limitations

- 7.3 CONSULTANT'S QUALITY OF WORK. The Owner's review of any documents prepared by the Consultant is only general in nature and its option to approve and accept the work in no way relieves the Consultant of responsibility for any specific deficiencies in its professional service. The Consultant's services shall be performed with the professional skill and care ordinarily provided by competent engineers or architects practicing under the same or similar circumstances and professional license and as expeditiously as is prudent considering the ordinary professional skill and care of a competent engineer or architect and the orderly progress of the Project and in accordance with the time periods established in Attachment "D" and which shall be adjusted, if necessary, as the project proceeds. This schedule shall include allowances for periods of time required for the Owner's review, for the performance of the Owner's consultants, and for approval of submissions by authorities having jurisdiction over the project. The identified time limits shall not, except for reasonable cause, be exceeded by the Consultant or Owner.
- 7.4 COPYRIGHT AND REPRODUCTION RIGHTS. Upon payment of amounts due, the Drawings, Specifications, concepts and design, and other documents prepared by the Consultant for this Project including, without limitation, those in electronic form (sometimes referred to as the "Instruments of Service") are the property of the Owner, who shall be vested with all common law and statutory rights. The Owner shall have the right to the use of the Drawings, Specifications and other documents for the maintenance, repair, remodeling and renovation of the Project; provided however the Consultant shall have no liability for any use of one or more of the Instruments of Service by the Owner for maintenance, repair, remodeling and renovation of the project. The Owner shall have the consent of the Consultant, provided, however, the Consultant shall have no liability or responsibility for such use of the Drawings, Specifications, concepts and design, and other documents. The rights granted to the Owner herein for the use of the Drawings, Specifications and other documents for additional projects shall not grant the Owner any right to rely upon the Consultant's seal on the Drawings and Specifications or to hold the Consultant responsible for any subsequent use of the Drawings, Specifications and documents. Consultant shall provide the Owner with copies of the Instruments of Service in both electronic form and in hard copy.

7.5 AUDITING RECORDS FOR THE SPECIFIC PROJECT. Consultant's records subject to audit shall include but not be limited to records which, have a bearing on matters of interest to the Owner in connection with the Consultant's work on this Project for the Owner and shall be open to inspection and subject to audit and/or reproduction by Owner's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of (a) Consultant's compliance with contract requirements, and (b) compliance with provisions for computing Direct Personnel Expense with reimbursables, if applicable.

Such records subject to audit shall also include those records necessary to evaluate and verify direct and indirect costs, (including overhead allocations) as they may apply to costs associated with this Agreement. In those situations where Consultant's records have been generated from computerized data, Consultant agrees to provide Owner's representatives with extracts of data files in computer readable format on data disks or suitable alternative computer data exchange format.

The Owner or its designee shall be entitled, at its expense, to audit all of the Consultant's records related to this Project, and shall be allowed to interview any of the Consultant's employees, pursuant to the provisions of this section throughout the term of this contract and for a period of three (3) years after final payment or longer if required by law. Such audits may require inspection and photo copying of selected documents from time to time at reasonable times (limited to Consultant's office hours) and places upon reasonable notice.

- 7.6 SUCCESSORS AND ASSIGNS. This Agreement shall be binding on the Owner and the Consultant, their successors and assigns. Neither party may assign, sublet, or transfer its interest in this Agreement without the written consent of the other.
- 7.7 VENUE. For the purpose of determining place of Agreement and the law governing the same, this Agreement is entered into in the City and County of El Paso, the State of Texas, and shall be governed by the laws of the State of Texas. Venue shall be in the County of El Paso, Texas.
- **7.8 GOVERNING LAW.** The Consultant shall comply with applicable Federal, State and local laws and ordinances applicable to the work contemplated herein.
- 7.9 CAPTIONS. The captions of this Agreement are for information purposes only, and shall in no way affect the substantive terms or conditions of this Agreement.
- 7.10 SEVERABILITY. Should any section, paragraph or other provision of this Agreement be found invalid, such invalidity shall not affect the remaining provisions of this Agreement.
- 7.11 NOTICES. Any notice, demand, request, consent or approval that either party may or is required to provide to the other shall be in writing and either personally delivered or sent via certified mail, return receipt, to the following addresses:

To the Owner:

The City of El Paso

Attn: City Manager P. O. Box 1890

El Paso, Texas 79950-1890

With a Copy to:

The City of El Paso

Attn: City Engineer P. O. Box 1890

El Paso, Texas 79950-1890

To the Consultant:

BROCK AND BUSTILLOS, INC.

Attn: Roman Bustillos, President

417Executive Center Blvd. El Paso, Texas 79902

Changes may be made to the names and addresses noted herein through timely, written notice to the other party.

- 7.12 CONFLICTING PROVISIONS. Any provision contained in any Attachments to this Agreement, which may be in conflict or inconsistent with any of the provisions in this Agreement shall be void to the extent of such conflict or inconsistency.
- 7.13 ENTIRE AGREEMENT. This Agreement, including attachments, constitutes and expresses the entire agreement between the parties and supersedes all prior negotiations, representations or agreements, whether written or oral. This Agreement shall not be amended or modified, except by written amendment, executed by both parties.

(SIGNATURES BEGIN ON FOLLOWING PAGE)

WITNESS THE FOLLOWING SIGNATURES AND/OR SEALS:

		CITY OF EL PASO:
		Tomás González City Manager
APPROVED AS TO FORM	•	APPROVED AS TO CONTENT:
Sol M. Cortez Senior Assistant City Attorne	ey	Samuel Rodriguez, P.E., City Engineer Capital Improvement Department
	ACKNOWLEDGM	IENT
THE STATE OF TEXAS	§ 8	
COUNTY OF EL PASO	§ §	
This instrument was a by Tomás González, as City		me on this day of, 2019, v of El Paso, Texas.
		Notary Public, State of Texas
My commission expires:		

(SIGNATURES CONTINUE ON FOLLOWING PAGE)

	BROCK AND BUSTILLOS, INC.	
	Roman Bustillos, President	
	ACKNOWLEDGEMENT	
THE STATE OF	§	
COUNTY OF	9 §	
	as acknowledged before me on this day of, 201 resident of BROCK AND BUSTILLOS, INC.	9
	Notary Public, State of Texas	
My commission expires:		

CONSULTANT:



ROMAN BUSTILLOS, P.E.
President
RANDY P. BROCK, P.E.
Executive Vice President
SERGIO J. ADAME, P.E.
Vice President - Engineering
AARON ALVARADO, R.P.L.S.
Vice President - Surveving

TBPE Reg. No. F-737 TBPLS Reg. No. 101314-00

December 17, 2019

VIA E-Mail: NietoC@elpasotexas.gov

City of El Paso
Capital Improvement Department
218 N. Campbell, Second Floor
El Paso, Texas 79901

C/O: Mr. Christian Nieto, Engineering Associate

Re: Recreational Facility at Lower Beaumont Property Improvements,

City of El Paso, El Paso County, Texas Proposal No. 2019-1103-REV4-Final

Dear Mr. Nieto:

We appreciate the opportunity to present to you our proposal for Professional Design Services for the referenced project. The following is our proposed Scope of Work:

SCOPE OF WORK

- Plan and attend the design coordination meetings, including the CDR meetings with the City of El Paso (COEP) CID, with other City Departmental officials (SAM), and meet with Fort Bliss Officials, US Army Corps of Engineers and EPISD Officials, as necessary;
- 2. Assist the COEP with public meetings with Neighborhood Associations and Fort Bliss Officials;
- 3. Prepare geotechnical soil investigation for design for flat fields, building foundations, hike & bike trail to include parking lot pavement design and existing parking areas;
- Prepare and coordinate with all utility entities for the proposed utility development as well as for the service connections to the buildings and sports-field facilities;
- Prepare demolition plans for the designated buildings;
- 6. Prepare site development plans for four flat fields with illumination, irrigation;
- Prepare site development plans for demolished buildings (evaluate rehab of existing building for combined maintenance and recreational equipment use), two restrooms,
- Prepare civil site plans and details for flat field facilities, demolished buildings areas and, hike & bike trail, as generally shown in Figure A;
- Prepare grading and drainage plans for entire site and specifically for flat field facilities, parking lots and areas and buildings;
- 10. Review THC requirements for the arroyo in order to mitigate drainage for site development;
- Prepare hike and bicycle trail for entire site connecting all flat field facilities and buildings, in conjunction with overall site;
- 12. Prepare electrical, mechanical and plumbing engineering plans and details for new buildings as well as electrical plans covering all of the, hike & bike trail and for the flat field facilities;
- 13. Prepare illumination plans and details for building envelops, flat field facilities, hike & bike trail:
- 14. Prepare landscaping plans and details for building envelops, flat field facilities, hike & bike trail
- 15. Prepare irrigation plans and details for all fields and landscaping areas for new building envelops flat field facilities and overall hike & bike trail improvement areas;
- 16. Review traffic impact analysis, site vehicular mobility, on-street parking, parking lot development and evaluate roundabout development for three intersections;
- 17. Review and mitigate all ADA issues with our proposed improvements:
- Prepare signage and striping plan for building envelops, sports flat field facilities and overall hike & bike trail improvement areas;
- 19. Preparation of storm water pollution prevention plans (SWPPP) for entire site:

City of El Paso Attn: Mr. Christian Nieto Proposal No. 2019-1103-REV4 December 17, 2019 Page 2

- Prepare ONLY electronic submittals as per revised schedule for Conceptual Plan, Preliminary Design Phase, Pre- Final Design Phase, and Final Design Phase;
- 21. Prepare and coordinate ALL OF the review submittals through Bluebeam Project Management Platform, NO PAPER COPIES; and
- 22. No construction phase services until CID requests us for proposal based on what is being bid.

END OF SCOPE

EXEMPTIONS:

The following is excluded unless otherwise requested: boundary topographic and improvement surveys; providing proof of ownership; obtaining certified tax certificates; Detailed Site Development Plan; subsurface utility engineering (SUE); ALTA/NSPS Land Title Survey; title commitment; easement plats; construction staking; subdivision plat; subdivision improvement plans; subdivision application or annexation applications; permit fees; Park's fees; right-of-way staking; staking of new city monuments; verification of elevations for new city monuments; elevation certificates; landscaping and irrigation in the areas marked as "unimproved"; traffic impact analysis or traffic counts; data collection (turn movement or roadway volume counts); speed analysis; traffic signal warrants; roundabout analysis/concept/horizontal design at Beaumont/Lazear; Analysis/concept/design of Dyer Street access intersection; Analysis/concept/design of Hayes access intersection; analysis/concept/design of pedestrian accesses or HAWK crossings; bike travel lane design or bike route assessment; recommendation or design of ITS improvements including fiber optic connectivity; analysis/concept/design of a road diet on Fred Wilson; implementation of recommended improvements based on the TIA review; roadway lighting or trail lighting outside of the site; field review of roadway lighting system outside of the site or any traffic signal systems; signal coordination or progression studies as a result of the roundabout implementation; vertical design of roundabouts; traffic signal design; CPSI Playground Review & Audit; any offsite drainage computations and downstream drainage impact analysis; SWPPP implementation, management and monitoring through construction activities; review or opine on any environmental or N.E.P.A. compliance issues; provision of notification sign, sign-installation and sign-removal; COEP construction permit; construction inspections; final certification of completion; construction commencement notification, inspection and notice of termination; construction administration phase services to review the shop drawings, construction meetings; punch-list and final punch-list walkthroughs; TAS and TDLR notification, review and inspection; and to provide as-built survey; preparation of as-built plans; final record drawings to the City; one year warranty walk through; and any other item not specifically listed in the above scope of work.

COMPLETION:

Brock & Bustillos Inc. will form the above Scope of Work to fit the following schedule:

- Investigative/Conceptual Phase
- Review Period (City/Ft. Bliss)
- Preliminary Design Phase
- Review Period (City/Ft. Bliss)
- Attend CDR
- Pre-final Design Phase
- Review Period (City/Ft. Bliss)
- Attend CDR
- Final Design Phase
- Review Period (City/Ft. Bliss)
- Attend CDR
- Bid Phase

- 75 consecutive calendar day(s)
- 30 consecutive calendar day(s)
- 60 consecutive calendar day(s)
- 30 consecutive calendar day(s)
- 1 consecutive calendar day(s)
- 40 consecutive calendar day(s)
- 30 consecutive calendar day(s)
- 1 consecutive calendar day(s)
- 21 consecutive calendar dav(s)
- 30 consecutive calendar day(s)
- 1 consecutive calendar day(s)
- 14 consecutive calendar day(s)

City of El Paso Attn; Mr. Christian Nieto Proposal No. 2019-1103-REV4 December 17, 2019 Page 3

BASIS OF COMPENSATION:

We propose that Brock & Bustillos Inc., be paid a Lump Sum Amount of \$650,913.39 for the above Scope of Work. Rates and terms of payment and charges for any additional work will be done in accordance with the COEP On-Call Surveying Services Contract Agreement. No additional work shall be done without an executed contract amendment with a detailed listing of additional work.

TERMINATION AGREEMENT:

This agreement may be terminated in accordance with the On-Call Surveying Services Contract Agreement.

ACCEPTANCE:

If this proposal meets with your approval, we will consider the receipt of one signed copy of City's Notice to proceed—in accordance with the On-Call Civil Engineering Services Contract Agreement—as our authorization to commence. Please call if you have any questions, we look forward to continue serving you!

Sincerely,

BROCK & BUSTILLOS INC.

Roman Bustillos, P.E., CNU-A

President

Attachments: Figure A – Conceptual Plan for the Property

Detailed Scope of Services Detailed Fee Breakdowns Subconsultant's Fee Proposals



GENERAL

SCOPE OF SERVICES

The City of El Paso (COEP) will be developing the property known as the Lower Beaumont Property. The Lower Beaumont Property improvements are composed of designing and constructing a recreational facility that will include a hiking/biking trail; unimproved recreational space; four flat recreational/athletic turf fields; irrigation; and infrastructure shared for all fields including seating areas; lighting; parking; site access/infrastructure improvements; a combined recreational equipment storage and maintenance facility; and two independent restrooms. The COEP will ultimately enter a long-term lease agreement with the Army for the 70-acre portion of Fort Bliss property adjacent to Fred Wilson Avenue and Dyer Street as illustrated in Figure A.

The COEP's estimated budget for each flat field and associated portion of shared improvements is \$1,000,000. In addition, demolition of a number of existing military structures that because of the building condition, are unusable by the City are included in the scope. Also, included in the scope is mitigation required by the Texas Historical Commission (THC) for impacts to a historic mural located in the building identified as Building 7167 and an arroyo running east to west through the property that is located within a designated historic district.

The design team of Brock & Bustillos, through Solicitation # 2020-073R, will evaluate and provide a recommendation via schematics as to where potential recreational facilities can be optimally located and accommodated on the Lower Beaumont property. Conceptual design can be introduced to save long-term maintenance costs and to reduce capital improvement costs to reconstruct existing grades. Other design goals include adding safety features such as pedestrian and bicycle accessibility; integration of site drainage into the historically protected drainage arroyo mortared rock rip-rap structure; providing durable landscaping and the exploration of natural green methodologies such as Low Impact Development (LID) concepts to convey surface stormwater runoff through the landscaping, parkways and into the existing arroyo; provide field and site lighting; provide a modern concession stand; provide bathroom facilities; recreational equipment storage and maintenance facility. Some of the major improvements include providing site access from Dyer and evaluating the Russel/Fred Wilson entrance; as well as other infrastructure improvements.

The existing roadway surfaces will be reviewed and analyzed to develop a recommendation for the potential reconstruction or future reconstruction of the roadway facilities.

The project will consist of a phased process in which the Team will be analyzing, reviewing and preparing construction documents for the recreational fields, roadways, parkways, parking lots and areas, landscaping infrastructure site drainage, site & field illumination plans, and street lighting, signing, striping, site ADA review & compliance plans, demolition plans of existing building or facilities, construction phasing plans, historical building mitigation plans for the arroyo, Storm Water Pollution Prevention Plan (SWPPP) and traffic control plans. Green concepts will be addressed by evaluating the use of recycled asphalt for base throughout the project, as well as improving storm water capture through landscaping modifications.

Other utility relocation coordination will be limited to coordinating with the appropriate facility owners. The consultant will perform subsurface utility exploration, as detailed in this scope of services, share the findings with the respect utilities, but will not prepare any utility improvement plans. All utility relocation will be the responsibility of the respective utility owner. Close

coordination with Fort Bliss and the Corps of Engineers will be undertaken in order to incorporate our site drainage with the existing THC protected drainage arroyo.

Coordinate with EPISD on the proposed schedule of improvements relative to their middle school adjacent to the recreational facility, in relative terms of parking and site access agreements.

Coordinate with the El Paso Central Business Association to have open discussions with the Residents and other Stakeholders about the improvements and potential neighborhood access.

EXHIBIT A

SCOPE OF SERVICES TO BE PROVIDED BY THE CITY OF EL PASO

Sub Task A010: Project Management

- Provide at no charge to Consultant all existing information, including—but not limited to site agreement with Army Authorities, EPISD agreements, project limitations, GIS information, high resolution aerial, existing improvement plans, concept plans, master drainage plans, drainage information, boundary information, existing signal layouts, monument locations, and existing building plans.
- 2. Provide a fixed working construction budget so design team has some design parameter.
- 3. Review submittals for timely continuation of project.
- 4. Distribute submittals to appropriate City Personnel for comment and review. Provide Consultant with all comments and clarify conflicting comments.

Sub Task A020: Public Involvement

- Attend and manage any meeting involving the Army, public and the Residents. The City of El Paso shall provide/distribute invitations to the appropriate City personnel required to attend meetings.
- 2. Provide public facilities for the public hearings and public meetings.

Sub Task A030: Environmental Reports

- Review and compile any existing or on-going environmental reports from other City projects.
 Resolve conflicts in the existing reports or recommendations and provide direction for completion.
- 2. Provide environmental clearance on any issues that come up with the services of the COEP's independent environmental consultant.

Sub Task A040: Field Surveys and Base Map

1. Provide all existing data including boundary information, topographic and improvement surveys for the site, aerials, GIS shape files, title commitments, project limits, end user lease agreements, and monument information.

Sub Task A050: Subsurface Utility Mapping (SUM) & Subsurface Utility Engineering (SUE)

1. If required, the Consultant Team will provide these services.

Sub Task A060: Site Access Route and Design Studies

1. Review submittals and compile comments.

Sub Task A070: Geotechnical and Soils Evaluation

- The COEP shall be responsible for assisting CQC to obtain all COEP permits and permissions at no charge, as required to perform our field services within the boring locations.
- Review submittals and compile comments.

Sub Task A080: Roadway Evaluation and Improvement Design

1. Through, review and approve the Consultant's recommendations and design requirements and design criteria.

Sub Task A090: Localized Drainage Evaluation & Site Drainage Design

- 1. Provide all known existing drainage information and drainage design criteria.
- 2. COEP is also expected to sign on the NOI and NOT that will be submitted by the selected contractor to TCEQ for processing during construction activities.
- 3. Upon commencement of the construction, COEP's selected contractor shall implement and manage the SWPPP.
- 4. The Consultant Team will provide the site drainage review and improvement recommendations.

Sub Task A100: Signage, Striping Inventory and Design

- 1. Provide any additional requirements regarding new signing and striping to be applied.
- Provide direction for sign replacement and protection, including new street parking regulations.
- 3. Provide current traffic counts for each of the signalized intersections and any other associated intersection of the project.
- Provide the Consultant with the existing or on-going traffic impact analysis.
- 5. Provide the Consultant with a commitment of improvements to the surrounding streets for access to the new recreational facility site within and around the Lower Beaumont Property.

Sub Task A105: Traffic Signalization and Traffic Mitigation

- Provide Consultant all available existing traffic control devices and controllers around the site, including data obtained from the on-going traffic study
- 2. Review Consultant's recommendation of traffic mitigation of the intersections and proposed entrances and provide a timely decision on accepting the recommendations.

Sub Task A110: Traffic Control Plans and Construction Sequencing

 Compile comments from SAM and the rest of the City of El Paso Departments. Clarify direction and comments.

Sub Task A120: Electrical and Illumination Review & Design

1. Provide any additional illumination requirements and review consultant's recommendations and plans.

Sub Task A130: Existing Roadway and On-Site Roadway Aesthetics

- 1. Review and approve design requirements and design criteria.
- 2. Notify the Consultant whether a Public Art Component will be part of this project.

Sub Task A140: Technical Specifications

- 1. Review and approve specifications.
- 2. Provide front-end documentation for specification reproduction.

Sub Task A150: Opinions of Probable Construction Cost

- 1. Review and approve opinions of probable construction costs.
- 2. Review and mitigate internally between departments for requirements in order to comply with an adherence to project budget and determine priority items.

Sub Task A160: Contract Document Deliverables

- 1. Adhere to the number of sets described in sub task B160.
- 2. Receive and review plans through Bluebeam Document management software.

Sub Task A170: Construction Administration Services

1. Provide consultant with proper information for bid evaluation.

Sub Task A180: Field Engineering and Inspection Services

 Field Engineering and Inspection Services require the Consultant's involvement during construction. The COEP should notify the Consultant of any major issues as they arise so the Consultant can be prepared to assist the COEP in finding the optimal solution in order to provide the compliance certificate.

EXHIBIT B

SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT

Sub Task B010: Project Management

- Coordinate all activities with the City of El Paso Capital Improvement Department (COEP) and with other local, state and federal agencies, as well as all neighborhood associations as necessary.
- Administer all phases of the project including preparation of invoices, contract/sub-contract administration, monthly progress reports and weekly progress meetings with the design team.
- 3. Meet with City on a scheduled basis to review project progress.
- 4. Assign experienced staff members the responsibility of developing the procedures to be implemented during the project as well as preparing the work and to assure compliance with City policies and procedures as well as assuring that work is accomplished to optimally meet all of the COEP's goals and on time.
- 5. Develop sequence of conceptual plan including elevations, design criteria, and other necessary elements to include the preparation of 2D and 3D renderings for the Design Review Committee (DRC) meetings.

Sub Task B020: Public Involvement

- Public involvement procedures will be limited to attending up to four public meetings during the design phase of the project and one during construction.
- 2. Prepare presentation material in reference to phasing and project objectives for public meeting, limited to five (5) color 24" X 36" renderings total.
- Provide meeting minutes concerning design issues for the City.

Sub Task B030: Environmental Reports

- 1. Utilize environmental conditions assessment, performed by others, to inform design deliverables.
- No services related to this subtask will be provided.

Sub Task B040: Field Surveys and Base Map

 Prepare a Subsurface Utility Map (SUM) based on available record utility mapping to assist in the coordination between all utility companies and the design team. The due-diligence SUM provided will consist of contacting the applicable utility companies and obtaining whatever available information they provide within the project area. This utility information

- will be used to begin the preliminary utility map. This initial research and data acquisition is simply a quality level "D" (QL-D) type of research.
- 2. The Texas 811 notification center will be contacted after the information has been received by the respective utilities. A field recordation of the TESS locations will be integrated into the preliminary utility map and a comparison of the record utilities to the TESS locations will be reviewed and analyzed for potential discrepancies and unknown or undiscovered utilities. Upon review and analysis, a subsurface utility engineering (SUE) designation recommendation will be formulated and the data on the updated utility map will comprise a quality level "C" (QL-C) preliminary utility map.
- Coordinate underground line spots with Fort Bliss Water Services Company, El Paso Electric Company and Rio Grande Electric Co-Op, Texas Gas Service, AT&T Telephone and Fiber, Spectrum Cable and all other applicable utility companies if potholing service is available by each respective utility.
- 4. Preparation of final parcel metes and bounds descriptions; area computation sheets; proposed construction easement instruments; and final parcel boundary research is not part of this scope.

Sub Task B050: Subsurface Utility Mapping (SUM) & Subsurface Utility Engineering (SUE)

- 1. If required, the Consultant, through the FBWSC, will provide the camera inspection of the sewer lines throughout the project.
- 2. Locate and mark on the surface all known water, sanitary sewer, gas pipeline, telecommunications, and storm water infrastructure.
- 3. Coordinate the location of test holes. SUM and SUE services will be provided for utility designating with quality level "A" (QL-A) test hole-SUE, where applicable and effective.

Sub Task B060: Sun Metro and Bike Routes

1. Bike Routes:

- a. Meet with City of El Paso to coordinate bike route requirements.
- a. Maintain records of coordination meeting and distribute to city PM.
- b. Incorporate requirements into design, in accordance with NACTO standards.

Sub Task B070: Geotechnical and Soils Evaluation

- 1. Geotechnical investigation:
- a) As requested, the general subsurface soils evaluation shall consist of drilling a total of nine (18) vertical subsurface exploration borings within the project site to a maximum depth of 15 to 30 feet, each below the existing pavement and demolished building slab surface elevations. The borings shall be drilled to the indicated depths or auger refusal, whichever is shallower. The general boring locations are indicated on the attached Geotechnical General

Subsurface Exploration Boring Location Aerial Plan, Sheet 1 in CQC's proposal. The borings shall be logged in the field by the geotechnical engineering technical staff. While it is not anticipated, if groundwater or water seepage is encountered during field activities, the depth shall be recorded.

- b) The borings shall be drilled in general accordance with standard procedures using a truck-mounted rotary drilling rig utilizing hollow stem augers. During drilling activities Standard Penetration Tests (SPTs), in accordance with ASTM procedures, shall be collected at discrete intervals to the maximum boring depths to estimate the relative field bearing capacity of the subsurface soils. In conjunction with penetration tests, soil samples shall be collected using conventional split-spoon sampling techniques or as required based on the encountered soil conditions.
- c) All collected soil samples from borings shall be properly identified with date, sample location, sample depth and penetration measurements. Representative portions of all obtained samples shall be sealed to prevent moisture loss and transported to the laboratory for further observation and engineering soil classification testing on selected soil samples.
- d) At the completion of field operations, each boring shall be backfilled with auger cuttings and firmly compacted at the ground surface elevation and grouted to at least a depth of 12 inches below the existing asphalt surface elevation. The Team's land surveyor will include exploration boring locations within their scheduled survey points, so that the report can illustrate the ground elevations and coordinates for each exploration boring.
- e) The laboratory engineering soil classification tests shall be limited to soil moisture contents, plasticity index tests, sieve analysis tests, up to five (5) soil moisture-density relationship tests, up to five (5) soil CBR tests, soil swell test, and a single (1) cement stabilized subgrade soil sample test series (includes: up to four (4) plasticity index tests, a single (1) sieve analysis, a single (1) soil moisture-density relationship test and two (2) strength test samples) performed in general accordance with applicable ASTM or TxDOT test procedures. The laboratory tests do not include chemical analysis of collected soil samples for environmental assessment purposes.
- 2. Soils Investigation Report and Schedule
- a) At the completion of soil exploration drilling activities, soil evaluation and classification testing, a formal written report shall be prepared for the project and provided to the COEP. The soils evaluation report shall provide a boring location plan, subsurface exploration boring logs, laboratory engineering soil classification test results, and geotechnical recommendations to guide the design and specification of site-work soil support improvement, soil allowable end bearing and skin friction resistance values for the design of drill pier lighting foundations, and flexible and rigid pavement section recommendations. The soils report shall also provide recommendations for soil compaction, test frequency guidelines, fill material specification and subgrade stabilization guidelines. Pavement recommendations shall also consider the reuse of existing AC materials and alternative paving materials such as asphaltic-concrete rubber mix designs.
- b) The Team anticipates that drilling activities may commence within fifteen (15) working days from COEP's written notice to proceed and once the street cut and traffic control permits have been secured from the Fort Bliss Directorate and utility lines have been marked at the boring locations. An electronic pre-final review and comment report shall be provided within

three (3) weeks after the completion of field evaluation activities. Two (2) bound copies and an electronic PDF copy of the final report shall be provided once comments are received from pre-final report submittal.

Sub Task B080: Roadway Evaluation and Site Improvement Design

- 1. Prepare preliminary schematic design indicating existing roadway geometric features, intersection layouts, with proposed cross-sections, sequence and methods of stage construction, signage and lighting requirements, tentative roadway right-of-way limits, typical sections, direction of traffic flow, location and width of travel lanes.
- 2. Design of bathroom facilities in accordance with attached architect's proposal.
- 3. Retrofit analysis of an existing building and the retrofit design of a combined maintenance facility and a recreational equipment storage facility in accordance with attached architect's proposal.
- 4. Review and mitigate THC requirements for the Arroyo.
- 5. All structural engineering elements for slabs, foundations and footings for the buildings, light-poles and any other structures will be done in accordance with the structural engineer's proposal.
- 6. Perform all geometric design in accordance with AASHTO Standards, as approved by the COEP.
- 7. Coordinate and design all shared bike travel lanes in accordance with NACTO.
- 8. Coordinate and design all parkways in accordance with COEP standards.
- 9. Prepare roadway sections, intersections, and design cross sections at 50-ft. intervals, or as necessary.
- 10. Prepare roadway drawings including:
 - Demolition Sheets
 - Horizontal Control Layout Sheets
 - Roadway/Driveway plan/profile sheets
 - Intersection plan sheets
 - Roundabout intersection plan sheets
- 11. Prepare overall site plans and details including:
 - Coversheet and Index of drawings
 - General Notes
 - Horizontal Control Plan
 - Demolition Plan
 - Overall Site Plan
 - Architectural Plans
 - Recreational Field Plans

- Recreational Field Details
- Roadway/Driveway Typical Section Details
- Roadway/Driveway Plan and Profile Sheets
- Special Construction Details
- Field Illumination Plan and Typical Details
- Site Illumination Plan and Typical Details
- Landscape Plan & Typical Details
- Special Landscape Details
- Field Irrigation Layout Plans & Typical Details
- Field Irrigation Special Details
- Site Irrigation Layout
- Site Irrigation Plans & Typical Details
- Site Irrigation Special Irrigation Details
- Signage and Striping Layout Plan
- Signage and Striping Typical Details
- Building Mechanical Plans & Details
- Building Electrical Plans & Details
- Building Plumbing Plans & Details
- Accessibility Review Plan
- Storm Water Pollution Prevention Plan
- Technical Specifications.

Sub Task B090: Localized Drainage Evaluation & Site Drainage Design

- Perform a localized and minor hydrologic/hydraulic study (basis of design calcs) for the localized on-site project area during the preliminary design phase in order to determine that the originally designed drainage areas, runoff rates, expected flows and existing storm water infrastructure facilities are still adequate based on current storm water standards.
- 2. The basis of design calcs will show the employed methodologies, assumptions, and hydraulic computations for required drainage improvements, including any anticipated existing and proposed separate storm water sewer system improvements.
- 3. Identify and develop drainage areas in the form of a drainage plan.
- 4. Prepare plans (drawings) in AutoCAD format that include:
 - Drainage Computation Sheets
 - Drainage conveyance system overall sheet
 - Storm sewer plan/profile sheets (Scale: H: 1": 30', V: 1": 5')
 - Drainage structure plan/profile sheets
 - Drainage details/standards
 - Special drainage mitigation plans for historically protected arroyo
- 5. Prepare Storm Water Pollution Prevention Plans (SWPPP) for the project in accordance with the Texas Commission on Environmental Quality (TCEQ), the City of El Paso Municipal Code requirements, and the Fort Bliss Directorate. The SWPPP will be prepared for the proposed project improvements only. Best Management Practices (BMP) will be utilized for the project improvements only.

- 6. Submit SWPPP Application Package to the City of El Paso for review and approval of the submittal and coordinate the approval or mitigation with the City of El Paso.
- 7. Prepare the Application package for the Notice of Intent (NOI). Client is expected to sign the application and the selected Contractor will submit Notice of Intent (NOI) and the Notice of Termination (NOT) to TCEQ for processing.

Sub Task B100: Signage, Striping Inventory and Design

- 1. A photographic and digital inventory of the existing traffic signing, markings and parking spaces in place, etc. will be performed in order to help establish a total parking count for the site. The deliverable will be a spreadsheet containing a listing of the recorded observations as well as a CD-ROM with the photographed signs. The spreadsheet will contain the type and number of traffic control appurtenances, signs, the significant pavement markings, and the quantifiable parking spaces.
- 2. Coordinate with SAM. The deliverable will be minutes and notes of any meeting(s) held with SAM. These materials will be delivered in PDF format.
- 3. Design of the signing and marking plans. Design the new or upgrade of traffic signs in all the project site, design the new pavement markings that are to be placed on the project site. The plan development also includes providing of standards, specifications, and opinion of cost for all the traffic planning development scope of this task.
- 4. Prepare drawings including:
 - Signing and markings layout
 - Signing/markers/striping details/standards

Sub Task B105: Traffic Signalization and Traffic Mitigation

- 1. An inventory of the existing traffic control devices and controllers will be performed around the site. Data obtained from the on-going traffic study.
- 2. Coordinate with SAM. The deliverable will be minutes and notes of any meeting(s) held with SAM. These materials will be delivered in PDF format.
- 3. Follow Scope as presented by Sub-Consultant LEE Engineering (See Attached)

Sub Task B110: Traffic Control Plans (TCP) and Construction Sequencing

- 1. Prepare Traffic Control Plans conforming to the Texas Manual on Uniform Traffic Control Devices, for all roadway work within the project limits.
- List the existing and proposed temporary traffic control devices that will be used to handle traffic during each construction sequence. Include temporary signals, regulatory signs, warning signs, construction warning signs, guide signs, route markers, construction pavement markings, channelizing devices, portable changeable message signs, flashing arrow boards, barricades, barriers, etc.

- 3. List the proposed traffic control devices (stop signs, signals, flag personnel, etc.) for at grade intersections during each construction sequence.
- 4. Develop sequence of construction and method of handling traffic during each construction phase; and prepare presentation for the Design Review Committee (DRC) meeting.
- 5. Prepare drawings to include:
 - Sequence/Narrative of construction layouts;
 - TCP Line Diagram;
 - Detour plan/typical sections/quantities; and
 - TCP Typical Details.
- 6. Develop road construction schedule and work hours. While accelerated work schedule is not anticipated, the City will address and provide information regarding the use of acceleration techniques, such as extended work hours, incentives, etc only if required.
- 7. Provide analysis or improvements for school district access or drop off facilities or street parking or deceleration lanes in designated areas. Other street parking will remain as existing or introduced as directed by SAM or as recommended.

Sub Task B120: Electrical and Illumination Review & Design

- 1. Standard dark sky compliant street illumination will be designed in accordance with Code.
- 2. Field lighting will be compliant to the current City standards for the recreational fields.
- 3. Electrical design for the restroom facilities will be provided
- 4. Prepare drawings to include:
 - Electrical design line diagrams
 - Preparation of a design analysis at preliminary design, pre-final design and final design
 - Electrical & Park Lighting Design Designed to COEP Park Standards
 - Coordination with EPE for service agreements and connections
 - Electrical design plans/typical details
 - Electrical design specifications/quantities

Sub Task B130: Existing Roadway and On-Site Aesthetics: Landscaping & Irrigation

- 1. In general an inventory of existing landscaping along the proposed improvement corridor, along with an aesthetic report and recommendations along with the preliminary design.
- 2. Prepare landscape and irrigation design drawings for both recreational fields and general site landscaping based on the following concepts:
 - All proposed plantings will be Xeriscape shrubs and trees.
 - Areas that can be fully preserved will remain in tact.
 - Areas that need sprucing up will be targeted for compatible landscaping.

- All planting will be watered by an automatic drip system controlled by automatic controllers.
- The complete landscaping scope of work is attached herein with the subconsultant's scope of work.
- 4. Coordination with the CID, SAM, Fort Bliss designated officials, FBWSC, El Paso Electric Company, and Rio Grande Coop.
- 5. Prepare drawings to include:
 - Landscape Plan & Typical Details
 - Special Landscape Details
 - Field Irrigation Layout Plans & Typical Details
 - Field Irrigation Special Details
 - Limited Site Irrigation Layout
 - Limited Site Irrigation Plans & Typical Details
 - Limited Site Irrigation Special Irrigation Details
 - Design analysis, specifications and opinions of costs at submittals

Sub Task B140: Technical Specifications

- 1. Standard City Specifications will be used for all improvement plans.
- 2. Provide technical specifications for all aspects of the work, in accordance with City specifications.
- 3. Prepare general notes, typical and specific details as per City Standards.

Sub Task B150: Opinions of Probable Construction Cost

- 1. Develop construction quantity estimates and Opinions of Probable Construction Cost (OPCC) for the project at the preliminary schematic design and each phase of design.
- 2. Prepare estimate and quantity sheets (drawings).
- The OPCC will be based on the latest City unit prices. The unit prices will reflect the date of preparation of the OPCC and the Consultant has no control over external factors that affect the cost of labor and materials.
- 4. Provide an opinion of probable construction costs at every submittal at approximately 7 days after each submittal. The opinion will include Civil, Traffic, Electrical and Landscaping elements of the project. The submittals include:
 - Conceptual cost estimate at the Concept Layout Design Phase;
 - Preliminary Design Phase;
 - Pre-Final Design Phase; and,
 - Final Design Phase.

Sub Task B160: Contract Document Deliverables

- 1. City and Fort Bliss Official's approvals shall ultimately dictate design schedule.
- 2. Concept Layout Design Plans/Sketches:
 - Provide (1) digital PDF copy.
 - Provide one (1) PDF copy of Engineer's Opinion of Probable Construction Costs.
- 3. Preliminary Design Phase:
 - Provide one (1) PDF copy of preliminary design documents
 - Provide one (1) PDF copy of Engineer's Opinion of Probable Construction Costs.
- 4. Pre-Final Design Phase
 - Provide one (1) PDF copy of pre-final design drawings and specifications.
 - Provide one (1) PDF copy of Engineer's Opinion of Probable Construction Costs.
- 5. Final Design Phase
 - Provide one (1) PDF copy of final design documents including project plans and specifications.
 - Provide one (1) PDF copy of Engineer's Opinion of Probable Construction Costs.
 - Provide one (1) PDF copy of final bidding documents including project plans and specifications.

Sub Task B170: Construction Administration Services (No Fee has been rendered yet until final design is approved to determine what will actually be awarded and built)

- 1. Attend pre-construction conference.
- Perform construction site visits and prepare reports as necessary.
- 3. Assist in the coordination of change orders and work directive changes by rendering opinion of the compatibility of the proposed change orders.
- Assist in the resolution of design related construction issues, drawing clarification and Contractor requests for information in order to provide a final certificate of compliance by the design professional.
- Compile and deliver to the City a complete set of record documents conforming to information furnished to the Engineer by the Contractor including one set of mylars (3 mil) for the record drawings on electronic file (AutoCAD).
- 6. Unless otherwise requested, Engineer's services are exclusive of attending regularly scheduled construction meetings, make periodic visits to the project site (other than bimonthly visits), construction inspections, monthly reports, shop drawing review, monitoring

schedule, or any other routine construction administration services. All of these are on a time and materials basis.

Sub Task B180: Field Engineering and Inspection Services

1. Field Engineering and Inspection Services are not part of these scope of services yet, and can be further identified by having a better picture as to what the COEP decides to fund with the Final Design.

LEE ENGINEERING, LLC TRAFFIC ENGINEERING

SCOPE OF WORK FOR LOWER BEAUMONT FACILITY IMPROVEMENTS CITY OF EL PASO SOLICITATION # 2020-073R

The City of El Paso (COEP) will be developing the property known as the Lower Beaumont Property. The Lower Beaumont Property improvements are composed of designing and constructing a recreational facility that will include a hiking/biking trail; unimproved recreational space; four to five flat recreational/athletic turf fields; irrigation; and infrastructure shared for all fields including seating areas; lighting; parking; site access/infrastructure improvements; recreational equipment storage; maintenance facility; and restrooms. The COEP will ultimately enter a long-term lease agreement with the Army for the 70-acre portion of Fort Bliss property adjacent to Fred Wilson Avenue and Dyer Street as illustrated in Exhibit B.

Lee Engineering, LLC (LEE), as a subconsultant to Brock & Bustillos through Solicitation # 2020-073R, will provide traffic engineering services and lighting design services for roadways and trails for the project to evaluate the traffic impact analysis related to the development and provide recommendations, horizontal design of roundabouts, review of signing and striping on internal roads, and internal street and trail lighting. Some of the major improvements may include providing a roundabout at the Russel/Fred Wilson intersection; as well as other infrastructure improvements.

EXHIBIT A

SCOPE OF WORK TO BE PROVIDED BY THE LEE ENGINEERING, LLC

Sub Task A010: Project Management and Coordination

- 1. With Project team, meet with the COEP on a scheduled basis to review project progress.
- 2. Attend up to 2 internal team meetings per month held among the project team as they pertain to traffic engineering tasks, team meetings and collaborate on evaluations, recommendations and design plans with other team members
- Conduct an internal quality control of all of its production plans. Internal redlines will be documented and addressed prior to submittal. All internal redlines will be archived for future reference.
- 4. Attend kickoff meetings, conceptual, preliminary design, pre-final design, and final design review meetings with the COEP
- 5. Prepare 2D and 3D renderings of traffic engineering Project elements for the City Design Review (CDR) meetings.

Sub Task A020: Public Involvement

- 1. Attend up to four public meetings during the design phase of the project and one during construction.
- 2. Prepare presentation material for traffic engineering elements in reference to phasing and project objectives for public meeting, limited to five (5) color 24" X 36" renderings total.

Sub Task A080: Roadway and Site Improvement Evaluation

- Field Review:
 - a. Confirm in-field inventory of all existing roadways and traffic engineering related infrastructure within the site.
- 2. Review ongoing Traffic Impact Analysis for Lower Beaumont Property and provide additional recommendations for improvements.
- Review traffic mitigation of three intersections (Fred Wilson Ave/Russell St, the connection at Pipes Dr, and the connection with EPISD intersection to Pipes Dr) to implement roundabouts. The concept development also includes providing preliminary standards, specifications, and opinion of cost for the traffic mitigation planning improvements for this scope of work.
 - a. Intersection Capacity Analysis
 - i. LEE will perform roundabout capacity analysis for horizon year designated by the COEP for the Russell/Fred Wilson intersection, the connection at Pipes Dr, and the connection with the EPISD intersection to Pipes Dr to determine the estimated level of service and amount of delay projected for the intersection. LEE will confirm with Brock & Bustillos the roundabout Jane

configurations to be included in the analysis. Two (2) distinct lane configuration scenarios will be evaluated.

- 4. Prepare preliminary schematic conceptual for access and site intersection layouts in AutoCAD format:
 - Roundabouts at Russell/Fred Wilson intersection, the connection at Pipes Dr, and the connection with the EPISD intersection to Pipes Dr to include signage and lighting requirements and horizontal intersection geometrics
- 5. Perform preliminary lighting design tasks for all internal streets and trail lighting to include lighting analyses of existing infrastructure based on fixture types, lighting placement, frequency and intensity requirements within the project extents. Lighting maps documenting lighting placement and intensity will be provided with the preliminary lighting plan set using AGi32 software.
 - a. Provide a conceptual layout of the street illumination based on the analysis
- 6. With Project Team, meet with COEP to review the following:
 - a. Three Roundabout Concepts
 - b. Conceptual Street Illumination Layout
- 7. Perform all traffic control conceptual designs in accordance with Texas MUTCD Standards, as approved by the COEP.
- 8. Perform all horizontal geometric conceptual design in accordance with AASHTO Standards, as approved by the COEP.
- 9. Review Conceptual Design for the roadways and site improvements related to traffic engineering provided by Brock & Bustillos

Sub Task A100: Signage, Striping and Traffic Signalization and Mitigation

- 1. Review project signing and marking plans produced by Brock & Bustillos.
- 2. Review drawings produced by Brock & Bustillos including:
 - Signing and markings layout
 - Signing/markers/striping details/standards

Sub Task A105: Traffic Signalization, Traffic Mitigation and Design

- 1. Provide final recommendations and design for traffic mitigation of three roundabout intersections. The designs include providing of standards, specifications, and opinion of cost for the traffic mitigation planning improvements for this scope of work.
 - a. Horizontal design (Brock & Bustillos to perform vertical design and drainage design) of roundabouts at:
 - i. Russell/Fred Wilson intersection
 - ii. The connection at Pipes Dr
 - iii. The connection with the EPISD intersection to Pipes Dr
- With Project Team, meet with COEP to review designs of the following:
 - a. Three Roundabout Concepts

- 3. Perform all traffic control designs in accordance with Texas MUTCD Standards, as approved by the COEP.
- 4. Perform all horizontal geometric conceptual design in accordance with AASHTO Standards, as approved by the COEP.
- 5. Review design for the roadways and site improvements related to traffic engineering provided by Brock & Bustillos
- 6. Provide AutoCAD linework that includes the horizontal design of the following:
 - a. Russell/Fred Wilson roundabout intersection
 - b. The connection at Pipes Dr
 - c. The connection with the EPISD intersection to Pipes Dr
- 7. Provide brief summary of Engineering Design Basis

Sub Task A110: Traffic Control Plans (TCP)

- 1. Review Traffic Control Plans developed by Brock & Bustillos for all roadway work within the project limits, including temporary signals
- 2. Review drawings developed by Brock & Bustillos to include:
 - Sequence/Narrative of construction layouts;
 - TCP Line Diagram;
 - · Detour plan/typical sections/quantities; and
 - TCP Typical Details.

Sub Task A120: Electrical and Illumination Review & Design

- Standard dark sky compliant street illumination will be designed in accordance with Code.
- 2. Field Review:
 - a. Confirm any existing street lighting as well as associated power sources, pullboxes and conduit runs within the site
- 3. Upon review of the lighting analysis, lighting needs will be recommended for design for all internal roads and trail lighting. Roadway and trail lighting will be designed per the latest standards which will incorporate LED fixtures and aluminum conductors. Time and effort will be apportioned to coordination with the local power company to determine existing power sources, available circuitry, and locations for potential new power sources, if needed. This will include one field meeting with the power utility to discuss and coordinate in addition to email and phone conferencing. Lighting designs will include the placement of lighting poles along the corridor, determination of required/approved LED fixtures, pullbox locations, conduit placement and preliminary power source and meter placements will be based on Brock & Bustillos provided topographic survey and roadway/bridge design files, and SUE files. A preliminary design level cost estimate will be provided with lighting layout sheets.
 - Preparation of lighting plans will require base files to be provided by Brock & Bustillos including topographic survey, utilities, proposed and roadway design.

- 4. Prepare drawings to include:
 - Street Illumination Design and Trail Illumination Design

Sub Task A140: Technical Specifications

- 1. Standard City Specifications will be used for all improvement plans.
- 2. Provide technical specifications for all aspects of the work, in accordance with City specifications.
- 3. Prepare general notes, typical and specific details as per City Standards.

Sub Task A150: Opinions of Probable Construction Cost

- Develop construction quantity estimates and Opinions of Probable Construction Cost (OPCC) for the project at the preliminary schematic design and each phase of design for Traffic Engineering and Roadway/Trail Lighting drawings
- 2. Prepare estimate and quantity sheets for Traffic Engineering and Roadway/Trail Lighting drawings.
- 3. The OPCC will be based on the latest City unit prices. The unit prices will reflect the date of preparation of the OPCC and the Consultant has no control over external factors that affect the cost of labor and materials.
- 4. Provide an opinion of probable construction costs at every submittal at approximately 7 days after each submittal. The opinion will include Traffic Engineering and Roadway/Trail Lighting elements of the project. The submittals include:
 - Conceptual cost estimate at the Concept Layout Design Phase;
 - Preliminary Design Phase:
 - · Pre-Final Design Phase; and,
 - Final Design Phase.

Sub Task B160: Contract Document Deliverables

- COEP and Fort Bliss Official's approvals shall ultimately dictate design schedule.
- 2. Concept Layout Design Plans/Sketches:
 - Provide up to five (5) copies of Plans & Sketches and one (1) digital PDF copy.
 - Provide one (1) Engineer's Opinion of Probable Construction Costs.
- 3. Preliminary Design Phase:
 - Provide up to five (5) copies of preliminary design documents (24" X 36" drawings for City Drawings).
 - Provide one (1) Engineer's Opinion of Probable Construction Costs.
- 4. Pre-Final Design Phase

- Provide up to five (5) sets of pre-final design drawings and five (5) copies of specifications.
- Provide up to one (1) Engineer's Opinion of Probable Construction Costs.

5. Final Design Phase

- Provide up to five (5) sets of final design documents including project plans and specifications.
- Provide up to five (5) copies of final opinion of probable construction cost.
- Provide one reproducible set of bidding documents including plans and specifications.
- Provide up to one (1) set of final bidding documents including project plans and specifications.

Sub Task B170: Construction Administration Services

1. Construction Administration Services are not part of this scope. However, if necessary, LEE can provide this service through an amendment to the scope of work and budget.

Sub Task B180: Field Engineering and Inspection Services

2. Field Engineering and Inspection Services are not part of this scope. However, if necessary, LEE can provide this service through an amendment to the scope of work and budget.

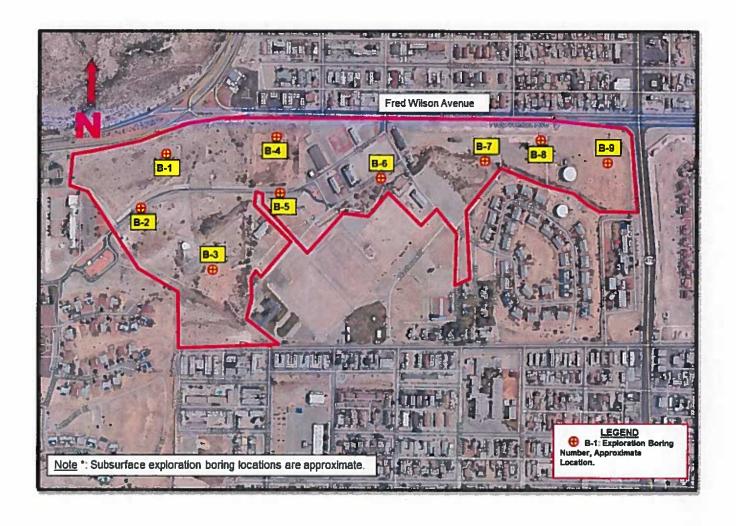
EXHIBIT A - LOWER BEAUMONT RECREATIONAL FACILITY IMPROVEMENT AREA



Recreational Facility at Lower Beaumont Property Improvements Scope of Services



EXHIBIT B – SOILS EXPLORATION BORING LOCATIONS



Recreational Facility at Lower Beaumont Property Improvements Scope of Services



ATTACHMENT "B" CONSULTANT'S FEE PROPOSAL AND HOURLY RATES

BROCK & BUSTILLOS INC. PROJECT BUDGET SUMMARY SHEET

PROJECT NAME:	Recreational Facilit	y at L	ower Beaumoi	it Property	Improvements
PROPOSAL NUMBER:	2019-1103-REV3				
REVISION DATE:	12/12/2019				
DESIGN FEE TYPE:	Lump Sum				
PREPARED BY:	Roman Bustillos, PE	. CNU	-A		
PROJECT MGR:	Roman Bustillos, PE				
1 - CONCEPT LAYOUT DESIGN PHASE		,			
B&B ENG LABOR:		s	40,819.00		
B&B SURV LABOR:		S	10,575.00		
SUB-CONSULTANTS:		Š	114,994,62		
INVESTIGATIVE / CONCEPT LAYOUT FEE:		•	,	s	155,813.6
2 - PRELIMINARY DESIGN PHASE				-	
B&B ENG LABOR:		S	66,228.00		
B&B SURV LABOR:		\$	Library To		
SUB-CONSULTANTS:		\$	98,971.94		
DESIGN FEE:				\$	165,199.9
3 - PRE-FINAL DESIGN PHASE					
B&B ENG LABOR:		\$	58,583.00		
B&B SURV LABOR:		\$	-		
SUB-CONSULTANTS:		\$	94,152.18		
DESIGN FEE:				\$	152,735.1
4 - FINAL DESIGN PHASE					
B&B ENG LABOR:		\$	40,958.00		
B&B SURV LABOR		\$	-		
SUB-CONSULTANTS:		5	81,607.54		
DESIGN FEE:				\$	122,563.5
5 - BID PHASE					
B&B ENG LABOR:		\$	4,790.00		
SUB-CONSULTANTS:		\$	13,947.71		
BID PHASE DIRECT EXPENSES:		\$	7,738.91		
DIRECT COSTS MARKUP	8%		619,11		
SUBCONSULTANT MARKUP:	3%	\$	418.43		
BIDDING COSTS:				\$	27,514.1
6 - CONSTRUCTION PHASE					
B&B ENG LABOR:		\$			
B&B SURV LABOR		\$			
SUB-CONSULTANTS:		\$	•		
CONST. PHASE DIRECT EXPENSES		\$			
DIRECT COSTS MARKUP:	8%	-			
SUBCONSULTANT MARKUP:	3%	\$			
CONSTRUCTION COSTS:				\$	
OTHER DIRECT COSTS					
FINAL DESIGN DIRECT EXPENSES:		\$	14,254,79		
DIRECT COSTS MARKUP:	8%	-	1,140.38		
SUBCONSULTANT MARKUP:	3%	\$	11,691.79		
OTHER DIRECT COSTS:				\$	27,086.9
TOTAL SUBCONSULTANT'S FEES:					
MEP	RBM Engineering, In	C.		5	37,363.0
Geotechnical Engineer	CQC Testing and En			S	27,400.0
Subsurface Utility Engineering	Cobb Fendley & Assi	oclates	s, Inc	\$	33,260.0
andscape Architecture & Irrigation	Sites Southwest			\$	125,890.2
ADA/RAS Consultant	Lattice Blue			\$ \$ \$	8,656.8
Architecture	Exigo			\$	44,157.9
Traffic Engineering	Lee Engineering Inc.			\$	107,745 9
Structural Engineering	HKN Engineers			\$	19,200 0
Subconsultant Markup			1	\$	11,691.7 415,365.7
B&B DESIGN LABOR FEE				\$	206,586.0
B&B SURVEY LABOR FEE				\$	-
SUBCONSULTANT'S DESIGN LABOR FEES				\$	389,726.2
BID LABOR COSTS				\$	27,514.1
CONSTRUCTION ADMIN LABOR COSTS				\$	•
				\$	27,086.9
OTHER DIRECT COSTS					21,000.00

BROCK & BUSTILLOS INC. PROJECT BUDGET OVERALL DETAIL SHEET

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		Randy P Breats, PE	Remot Bustine, PE	Product Glartimas, PE	Atom Esperse	Mahala Mantalanga	Jerge Boldens	Valuria Saetille	
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		E-pi-or	Nonge	Engineer	Designer	Testroper	Drutteman	Assessed	HOURS
Proposed B	2015-1100-0000	Randy P Broad, PE	Seman Buellion, PE	Protor Mertmas, PE	Alon Esparas	Michaela Martania ago	Jerge Sestane	Yukerta Castilla	
		6200.00	\$140.00	\$140.00	- \$122.00	\$10.00	\$70.00	\$44.00	
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	Sub-Total Labor Cont - CONSTRUCTION PHASE			CONTRACTOR STATE	ACCORDING TO THE REAL PROPERTY.	100	1298	E3 00	

Brock & Bustillos Inc.

EFFECTIVE: 4/11/2019	Civil
	<u>Hourly</u>
Professional	Rate
	Schedule

Principal Engineer	\$208.00
Senior Project Manager	\$208.00
Project Manager	\$165.00
Senior Survey Manager/R.P.L.S.	\$195.00
Surveyor/R.P.L.S.	\$166.00
Project Engineer	\$140.00
Design Engineer	\$128.00
Expert Witness (Civil Discipline)	\$314.00

Technical

Senior Civil Designer	\$122.00
Civil Designer	\$90.00
Engineering Design Technician	\$89.00
Senior Engineering CAD Draftsman	\$84.00
Engineering CAD Draftsman	\$70.00
Engineering CAD Draftsman Intern	\$47.00

Administrative

Administrative Assistant	\$65.00
Administrative Clerk	\$52.00

Other Direct Costs

Mileage - Personal Owned Vehicles	\$0.58	Mile
Postage - Letter Size	\$0.55	Each
Copies (8.5 X 11) - Bond (B&W)	\$0.20	Each
Copies (8.5 X 11) - Bond (Color)	\$0.50	Each
Copies (11 X 17) - Bond (B&W)	\$0.60	Each
Copies (11 X 17) - Bond (Color)	\$1.00	Each
Copies (18 X 24) - Bond (B&W)	\$3.50	Each
Copies (18 X 24) - Bond (Color)	\$5.50	Each
Copies (24 X 36) - Bond (B&W)	\$7.00	Each
Copies (24 X 36) - Bond (Color)	\$13.00	Each
Copies (30 X 42) - Bond (B&W)	\$9.00	Each
Copies (30 X 42) - Bond (Color)	\$15.00	Each
Copies (36 X 48) - Bond (B&W)	\$16.00	Each
Copies (36 X 48) - Bond (Color)	\$19.00	Each
Copies (8.5 X 11) - Mylars (B&W)	\$2.00	Each
Copies (11 X 17) - Mylars (B&W)	\$4.00	Each
Copies (18 X 24) - Mylars (B&W)	\$6.50	Each
Copies (24 X 36) - Mylars (B&W)	\$11.00	Each
Copies (30 X 42) - Mylars (B&W)	\$15.00	Each
Copies (36 X 48) - Mylars (B&W)	\$15.00	Each
Deliveries	\$40.00	Each

		Senior Survey Manager/R.P.L.S. Aaron Alvarado, RPLS \$190.96	Surveyor/R.P.L.S. Aaron Alvarado, RPLS \$157.00	SURVEY CREW - 2MC 2-Man Crew \$ 158.20	Senior Surveying Technician Jorge Marroquin S 120.00	Senior Surveying CAD Draftsmen Alejandra Gozalez \$101.47	Burveying CAD Draftsman Christian Esparza \$ 76.37	Admin Valeria Castillo \$ 65.00	TOTAL HOURS
	CONCEPT LAYOUT DESIGN PHASE (75 Calendar Days)				100 mm 1 1 mm 1 mm	ORIGINAL PRINT	AND CONTROL OF THE PARTY OF THE		
100	Task 40- Field Surveys and Right-Of-Way Maps and/or Base Maps		Maria Cara Cara Cara Cara Cara Cara Cara	A STATE OF THE PARTY OF					
	1.Locate a uning only monuments within the present limits.					All the second second			0.0
	2. Establish: a horizontal and vortical central network to locate the approximate right-of-very elements of recreational field cleage, should alignments and for general operaturation legions, and set the horizontal and vertical control network, to located any independent.								0.0
	3 Propers a brown map to conclur with generality accepted and approximate private property lines and street rights-of-very (ROYI) and the site lines but the purpose of carrielling's processorist as the generality accepted and regionarid lesses use area. This bases may will be test as the locard city nonzerorist and the horizontal and vertical contributes of the horizontal conclusions for the arrivery shall be bead on the Tease Central Zone State Planes Concribinate Systems 4(25), North Almessus Dalam 1993 (144)(43), The vertical concribinates for the state of the survey shall be placed on the Tease (144)(43).								0.0
	4 Proper o & Schoutfris to Chiffy May (SUAS) based on evaluative review daility mapping to execut in the coordination between all stilled compression and the designs from The Sub-different SUAS products will connect of contecting the oppolisable state; compress and obtaining whether available followings to the product of the proper state. This state is the state; in the state is the product of the product of the following of the product of the product of the product of the pr								00
	5.The Team 811 netification content will be contacted after the information has been received by the respective utilizes. A find recordation of the TESS locations will be integrated into the continuing utilized that the properties of the received utilized to the test of the properties of the received utilized to the properties of the received and protective and utilized to the received and protective and utilized the received and protective and utilized the received and the date on the updated utility map will comprise a questly level "Ti (CL-C)" preliminary utilized much the date on the updated utility map will comprise a questly level "Ti (CL-C)" preliminary utilized to the date on the updated utility map will comprise a questly level "Ti (CL-C)".								0.0
	® Partoms a field location of web/e utilities (i.e., water neters, the hydrants and valves, impation waters, mittant gas meters, telecomes producteds, markete covers, not drawn downepouts, waterstell power that crossings, power-time poles and transforment, closed flux-mation poles and candedots, and traffic segment.								0.0
	7.Coordinate underground fine spets with Fort Blos Water Senters Company. El Pase Electris Company and Ris Grande Clactric Co-Cip, Team Gas Sentes, AT&T Telephone and Floer, Spectrum Cable and all other applicable selfly companies if potenties service is enablable by each reportion selfly.	3							00
	6.Sucher an inventory of estating stating expenses to enter to extigate new excessories as required by design or the excellent of existing elementarity by expensive instrument ducumentation as required by desperiorisms of each inhalteroface.								0.0
	9.Perform a hold location of existing topographic and imprevenent features (i.e., submobile); participe, control and guider, reactivelys, storm value obtainativers, driveways, ADA remps, perhing restrict, superposition, underther educerants, bus-stope, street lightips, ferridoction features; trush controlled in production, etc.).						1		0.0
	10. Obtain a sisting street cross-sections every along a SO-feet breakine, including stem-male, safety extrances, dineways, illumes and dinerage daylights, actionals and parkways, carb and patters, medians and readways, along the constons of Fred Wilson, Dyer and the on-ede offsets.								0.0
	IT All sold improvement data shall be assimilated into the base tapographic and improvement							8	0.0
	To Review the City's GIS property orientation and conduct a procursory review of the apparent right a may maps. Research will focus on apparent property preserving and other pertinent products between such as neconside dependents, use a greatment, of the processing state of the processing of the processing of the processing state of the processing state of the								0.0
	13.Properation of final portol motes and beamds descriptions, area computation shoots, proposed construction ensement instruments, and final percel boundary research is not part of this scope.								0.0
	DAVOC		(0.0
	Sub-Total Hours - Task 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sub-Total Hours - CONCEPT LAYOUT DESIGN PHASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-	Sub-Total Labor Cost - CONCEPT LAYOUT DESIGN PHASE	\$0.00	\$0.00	50.00	\$0.00	\$0.00	50.00	\$0.00	50.00

		Senior Survey Manager/R.P.L.S. Aaron Alvarado, RPLS	Surveyor/R.P.L.S. Aaron Alvarado, RPLS	SURVEY CREW - 2MC 2-Man Crew	Senior Surveying Technician Jorge Marroquin	Senior Surveying CAD Draftemen Alejandra Gozalez	Surveying CAD Draftsman Christian Esparza	Admin Valeria Castillo	TOTAL HOURS
		\$190.96	\$157,00	\$ 158.20	\$ 120.00	\$101.47	\$ 76.37	\$ 65.00	
	PRELIMINARY DESIGN PHASE (60 Calendar Days)				Contract of State Contract	Profession - 100		-	
	Task 40- Field Surveys and Right-Of-Way Maps and/or Base Maps								
	1.Lecale saleting oly monuments within the project limits.								0.0
	2.Establish a harizental and vertical central network to locate the approximate right-of-very alignments of race militarial field design, streat signreverse and for general constitution legical, and the the hydropizate and vertical control network to lound of the monuments.								0.0
	3 Program a base nes to commar with generally accepted and septements private properly times and select rights—d-exp (ROW) and the site limits for the purpose of controlling inspresements to the generally accepted and approved leases use since. This base may will be text to the loand city representation and the foretransial and without control instead. The hosticistic controllines for the acceptance of the based on the Teste Central Zime Select Prime Concritional Seniors. 1003, North American Doubra 1903 (AADSS). The sentent controlled for the survey shall be based on the Teste Central Zime Select Controlled for the survey shall be based on the Royal American Doubra 1903 (AADSS). The sentent controlled for the survey shall be based on the Royal American Doubra 1903 (AADSS).								0.0
	4.Propers a Subsectifice UMBy May (SURI), based on a velocitate recent safety mapping to exent the assumitation between all safety compresses of the decision team. The development SURIP processes and obtaining without the configuration SURIP processes and obtaining visitation for the procedure that the project sear. The suffery individual visitation foreign procedure whether the project sear. The suffery individual visitation of the procedure in the procedure of the procedure o								00
	3.The Trace 811 institutions contex will be contacted after the followington has been received by the proquedow utilities. A finited reconstitution of the TESB locations will be integrigated than the reconstructivity will be proposed as the contact statisties to the TESB locations will be reviewed and an entyrized to potential discripances and unknown or undecovered utilities. Upon reviewer and small years, as subsurfaces utility engineering (SUE) designations reconsecredation will be formulated and the date on the updated utility map will comprise a quality free! "C" (CL.C.) preference only upon map.								0.0
	d Puritors a hald incision of stable utilities (i.e., water meters, the hydrards and vatives; trigistion maters, natural gas returns, telecomer pedestris, matricle covers, not draw downspouse; overhand power-line crossenge; power-line points and transformers, street flumination poles and significant, and traffic segmes.							- 4	0.0
	*Coordinate underground line spots with Fort Blass Weter Services Company, El Place Electric Company and Rts Gannte Electric Co-Op, Texas Gas Service, AT&T Telephone straf Flow, Spectrum Cable and all other applicable usidy companies if polivoling service is available by each respective usidy.								0.0
	8.Gether an inventory of existing utility suscensors in order to mitigate new exactionts as required by deaton in the secution of existing exercising by separate instrument documentation as regarded by abundance of and informatication.		= =						0.0
	9_Purform a field (postern of existing topographic and imprevenent features (Le. bldowsites; personas, custo and guider reachings, storm violent infesticularies; denovalys, ADA harrips, parking motions, singrape; podeutrium demontis, bus-stope, street lamitps, landscape features, trieth codection recognization, etc.)		111	_					0.0
	10.Cotax+ o extreg struct procuse-socians every along a SO-feet beselve, including stem-imits, salely enterance, showever, flures and dramage dargins, solewall, and parkways, cuth and patter, medians and readways, stong the portrains of Free Wildom, Dyer and the careate streets.			-	- 1			-	0.0
	17 All said improvement delle shall be insimilated into the base topographic and improvement				ľ				0.0
	survey life 12. Review the City's CIS property information and conduct a precursory review of the apparent right-of-way recipit Research will focus on apparent property ownership and other preferred laundable information (such as recorded essentents, use spreaments, etc.)								0.0
	13.Preparation of fired parcel motes and bounds descriptions, area computation shorts, prepared construction essement freframents, and final percel boundary research is not part of the notion		Į.	= =	_1				0.0
	DAIGC								0.0
Ī	Sub-Total Hours - Task 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
**	Sub-Total Hours - PRELIMINARY DESIGN PHASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sub-Total Labor Cost - PRELIMINARY DESIGN PHASE	\$0.00	\$0 C	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
	PRE-FINAL DESIGN PHASE (XX Calendar Days)								
	Sub-Total Hours - PRE-FINAL DESIGN PHASE	0.0	6.0	0.0	0.0	0.0	0.0		0.0
-	Sub-Total Labor Cost - PRE-FINAL DESIGN PHASE	\$0.00	\$0.0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0

BROCK & BUSTILLOS INC.

	recreational receity at cower perunion Property improvements								12/12/2019
ı		Senior Survey Manager/R.P.L.B.	Burveyor/R.P.L.S.	SURVEY CREW - 2MC	Senior Surveying Technician	Senior Surveying CAD Draftsman	Surveying CAD Draftsmen	Admin	TOTAL
1		Aaron Alvarado, RPLS	Aaron Alvarado, RPLS	2-Man Crew	Jorge Marroquin	Alejandra Gozalez	Christian Esparza	Valeria Castillo	HOURS
Ш		\$190.96	\$157.00	\$ 156.20	\$ 120.00	\$101.47	\$ 76.37	\$ 65.00	
g l	FINAL DESIGN PHASE (XX Calendar Days)					(T 40 1	3-10-00		
	Sub-Total Hours - FINAL DESIGN PHASE - SURVEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sub-Total Labor Cost - FINAL DESIGN PHASE - SURVEY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	TOTAL SURVEY HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

BROCK & BUSTILLOS INC.

Brock & Bustillos Inc.

Rates Effective: August 1, 2019	Surveying
	<u>Hourly</u>
<u>Professional</u>	<u>Rate</u>
	Schedule

Senior Survey Manager/R.P.L.S.	\$190.96
Surveyor/R.P.L.S.	\$157.00

Technical

GIS Technician	\$106.09
Senior Surveying Technician	\$120.00
Surveying Technician	\$101.47
Senior Surveying CAD Draftsman	\$101.47
Surveying CAD Draftsman	\$76.37
Surveying CAD Draftsman - Intern	\$51.28

Administrative

Administrative Assistant	\$64.00
Administrative Clerk	\$53.00

Field Survey Crews

One Man Survey Crew (Regular Rate-Party Chief)	\$102,56
Two Man (Regular Rate-Party Chief, Rodman)	\$158.20
Three Man (Regular Rate-Party Chief, Instrumentman, Rodman)	\$190.93
Four Man (Regular Rate-Party Chief, Instrumentman, 2-Rodmen)	\$218.20
Flagger (Regular Rate) *This rate can be added to any of the above crews and is per individual Flagger.	\$42.55

Special Field Survey Crew Equipment

Safety - Traffic Control Plan (Typical)	\$1,600.00	Work Zone
Safety - Traffic Control - Setup & Maintenance (Can be Project Specific)	\$402.00	Day
Mileage - Survey 4X4 Vehicles	\$0.92	Mile
Quad All Terrain Runner Usage	\$131.00	Day
Ranger All Terrain Vehicle Usage	\$131.00	Day
*Surveying Supplies (ie, lathes, stakes, flagging, whilskers, nails, rebar, markers, etc, are to be determined per individual task.)		

Other Direct Costs

Mileage - Personal Owned Vehicles	\$0.580	Mile
Postage - Letter Size	\$0.550	Each
Copies (8.5 X 11) - Bond (B&W)	\$0.20	Each
Copies (8.5 X 11) - Bond (Color)	\$0.50	Each
Copies (11 X 17) - Bond (B&W)	\$0.60	Each
Copies (11 X 17) - Bond (Color)	\$1.00	Each
Copies (18 X 24) - Bond (B&W)	\$3.50	Each
Copies (18 X 24) - Bond (Color)	\$5.50	Each
Copies (24 X 36) - Bond (B&W)	\$7.00	Each
Copies (24 X 36) - Bond (Color)	\$13.00	Each
Copies (30 X 42) - Bond (B&W)	\$9.00	Each
Copies (30 X 42) - Bond (Color)	\$15.00	Each
Coples (36 X 48) - Bond (B&W)	\$16.00	Each
Copies (36 X 48) - Bond (Color)	\$19.00	Each
Copies (8.5 X 11) - Mylars (B&W)	\$4.00	Each
Copies (11 X 17) - Mylars (B&W)	\$5.00	Each
Copies (18 X 24) - Mylars (B&W)	\$8.50	Each
Copies (24 X 36) - Mylars (B&W)	\$13.00	Each
Copies (30 X 42) - Mylars (B&W)	\$16.00	Each
Copies (36 X 48) - Mylars (B&W)	\$16.00	Each
Photographs (Digital Format on CD-ROM)	\$0.20	Each
Aerial Video by Drone (Digital Format on DVD-ROM)	\$50.00	Each
Deliveries	\$40.00	Each

Recreational Facility at Lower Beaumont Property Improvements SUBMITTAL REQUIREMENTS					
		SUBMI	TAL REGUIRE		
# of Shts	Title of Sheet	Conceptual / investigative	Preliminary	Pre-Final	Final
1	Coversheet and Index of Drawings	20%	50%	85%	100%
	General Notes		50%	85%	100%
	General Overall Site Location Plan	25%	50%	85%	100%
	Horizontal Control Plan		50%	85%	100%
	Demolition Plans	50%	50%	85%	100%
	Architectural Plans (M+RE,2RR)	20%	50%	85%	100%
	Architectural Elevations	20%	50%	85%	100%
	Architectural Details	*	50%	85%	100%
	Building Grading Plan		50%	85%	100%
	Building Drainage Plan Building Civil Cross-Sections		50% 50%	85% 85%	100% 100%
	Building Civil Details		50%	85%	100%
	Building Mechanical Plans		50%	85%	100%
	Building Mechanical Details		50%	85%	100%
	Building Electrical Plans		50%	85%	100%
	Building Electrical Details		50%	85%	100%
	Building Plumbing Plans		50%	85%	100%
	Building Plumbing Details		50%	85%	100%
	Building Structural Plans	7-1	50%	85%	100%
	Building Structural Details		50%	85%	100%
	Overall Sports Field Site Plan	30%	70%	85%	100%
	Overall Sports Field Access Site Plan	30%	70%	85%	100%
4	Sports Field Layout Site Plans	20%	70%	85%	100%
4	Sports Field Grading Plans		70%	85%	100%
4	Sports Field Drainage Plan		70%	85%	100%
	Sports Field Civil Cross-Sections		70%	85%	100%
	Sports Field Details & General Civil Details	20%	70%	85%	100%
	Sports Field Irrigation Plans	20%	70%	85%	100%
	Sports Field Irrigation Typical Details & Notes		70%	85%	100%
	Sports Field Illumination Plans	20%	70%	85%	100%
	Sports Field Illumination Details		70%	85%	100%
	Sports Field Structural Plans		70%	85%	100%
	Sports Field Structural Details	000/	70%	85%	100%
	Overall Site Plans	30%	70%	85%	100%
	Overall Site Grading Plans	200/	70%	85%	100%
	Overall Watershed Map	30%	70% 70%	85% 85%	100%
	Overall Site Drainage Plan	30%	70%	85%	100%
	Overall Site Civil Cross-Sections		70%	85%	100%
	Overall Site Civil Details Overall Site Hike & Bike Trail Plans	30%	70%	85%	100%
	Overall Site Hike & Bike Trail Plans Overall Site Hike & Bike Trail Details	3076	70%	85%	100%
	Overall Site Utility Plans (W,WW,SS,G,E,T)	30%	70%	85%	100%
	Overall Site Utility Details	Q070	70%	85%	100%
	Overall Site Landscape Plans	30%	70%	85%	100%
	Overall Site Landscape Typical Details	5574	70%	85%	100%
	Overall Site Planting Plans		70%	85%	100%
	Overall Site Planting Details & Notes		70%	85%	100%
	Overail Irrigation Layout	30%	70%	85%	100%
	Overail Site Irrigation Plans		70%	85%	100%
	Overall Site Irrigation Typical Details & Notes		70%	85%	100%
	Overall Site Illumination Plans	20%	70%	85%	100%
	Overall Site Illumination Details		70%	85%	100%
	Traffic Engineering Geometric Plans	20%	70%	85%	100%
2	Traffic Engineering Details		70%	85%	100%
	Roadway Plan and Profile Sheets	20%	70%	85%	100%
	Roadway Typical Section Details		70%	85%	100%
5	Parking Lots Plans	20%	70%	85%	100%
	Parking Area Typical Sections & Details		70%	85%	100%
	Signage and Striping Plans		70%	85%	100%
	Signage and Striping Details		70%	85%	100%
5	Storm Water Pollution Prevention Plan		70%	85%	100%
	TECHNICAL SPECIFICATIONS	Outline Specs	70%	85%	100%

150 N. Festival Drive.

El Paso, Texas 79912

November 7, 2019 December 9, 2019 December 12, 2019

REVISED PROPOSAL #2

Roman Bustillos, P.E., CNU-A Brock & Bustillos, Inc. 417 Executive Center Blvd. El Paso, Texas 79902

Re: Recreational Facility Lower Beaumont Property Ft. Bliss Solicitation # 2020-073R

Dear Roman:

Herein is our revised proposal to provide electrical engineering services for the referenced project. Proposal revision #2 is submitted as a strict across the board fee reduction of approximately 14.5%. There is no scope reduction, simply trying to meet the City of El Paso misguided expectation of the effort required of the A/E community to design projects.

The existing electrical utility contractor at Ft, Bliss is Rio Grande Electric. They took over maintenance of the electrical infrastructure about 10 years ago. They do not have any existing drawings. All the overhead and underground utilities will need to be completely removed by this project. I will have to as-built the lay out myself. El Paso will serve power to the new EPISD school, I assume we can piggy-back on this and have EPE provide the electrical service for the project.

This fee proposal is developed based on the Revised Scope of Services provided on 11-5-19, RBM fee is developed assuming we are involved with the following Sub Task items:

Sub Task B010: Project Management

Sub Task B020: Public Involvement

Sub Task B040: Field Surveys and Base Map

Sub Task B050: Subsurface Utility Mapping (SUM) & Subsurface Utility Engineering (SUE)

Sub Task B120: Electrical and Illumination Review & Design

Sub Task B130: Existing Roadway and On-Site Roadway Aesthetics

Sub Task B140: Technical Specifications

Sub Task B150: Opinions of Probable Construction Cost

Sub Task B160: Contract Document Deliverables

Sub Task B170: Construction Administration Services

Sub Task B180: Field Engineering and Inspection Services

RBM Engineering scope for electrical design work will include the following:

- Preform full site investigation, walk the entire site.
- Coordinate with Rio Grande Electric to prepare for disconnect of primary electrical power to all utility lines.
- Design the as-Built of the existing electrical infrastructure from visual observations to prepare demolition plans
- Coordinate with Ft. Bliss Communication Branch to obtain maps and drawings of all existing underground communication infrastructure
- Design the as-Built of the existing communication infrastructure from visual observations to match existing maps and plans, to prepare demolition plans
- Demolition plans of MEP systems in and around existing buildings or facilities
- New electrical design for site and recreational/athletic field illumination, street lighting, signs.
- MEP design of the interior of new buildings such as equipment storage buildings, maintenance buildings and restrooms.

150 N. Festival Drive.

El Paso, Texas 79912

The following applies to the design and scope of both projects.

- Attend the kick-off design meeting
- · Preparation of a design analysis at preliminary design, pre-final design and final design
- Electrical & Park Lighting Design Designed to COEP Park Standards
- · Coordination with EPE for service agreements and connections
- Technical Specifications (required at each phase)
- Takeoffs & Cost Estimates for bidding purposes (required at each phase)
- · Addressing of comments throughout the design phase all the way through permitting
- Bid Phase Services
 - Provide bidding assistance/clarifications which includes responding to questions from
 potential bidders, attending the pre-bid meeting and job walk, assisting with preparation
 of addenda, and reviewing the submitted bids.
 - Prepare a conformed set of bid documents incorporating any addenda issued during the bid period.

There will be four phases in the design process with a review meeting at the end of each phase plus a bidding phase. This design work should comply with the scope in the following fashion for each stage and their related submittals: A) Concept, B) Preliminary Design, C) Pre-Final Design, D) Final Design, E) Bid Package

Fixed Fee Proposal for Design, Specifications and Bidding:

Concept Design -

1) Participate in team presentation to show lighting concepts

\$ 2,500 \$1,500 \$1,282

\$30,000 \$27,000 \$23,085

\$15,000 \$12,000 \$ 10,260

Preliminary Design -

2) Site investigations

- 3) Coordination with EPE, Rio Grande Electric and Ft Bliss Communication
- 4) Selection of light fixtures
- 5) Lighting design
- 6) Team review and coordination
- 7) Design Analysis
- 8) Specifications
- 9) Cost Estimate
- 10) Respond to review comments

Pre-Final Design

- 1) Confirmation from EPE of new service and cost
- 2) Lighting design
- 3) Team review and coordination
- 4) Design Analysis
- 5) Specifications
- 6) Cost Estimate
- 7) Respond to review comments
- 8) Respond to City permit comments

Final Design

- 1) Lighting design
- 2) Team review and coordination
- 3) Design Analysis
- 4) Specifications
- 5) Cost Estimate
- 6) Respond to review comment

\$ 2,500 \$2,000 \$1,710

(915) 584-9934 (915) 584-8723 (fax) <u>rbm@rbm.cc</u> (Email) pg. 2

Bryan R. Morris, PE Robert H. Beasley, PE

Mechanical & Electrical Engineers El Paso, Texas 79912

Bid Package Phase

S 1,200 S1,026

- 1) Assist during bidding
- 2) Answer bidder questions
- 3) Prepare Addendums
- 4) Review bid

Grand Total for Design

\$ 51,200 \$43,700 \$ 37,363

The above design fee excludes the following:

- a) Design of demolition for site utilities for gas, water, sewer, fire lines.
- b) Design of new site utilities for gas, water, sewer, fire lines.
- Design of gas, water, sewer utilities beyond 5 feet fro new buildings or structures.
- All engineering disciplines other than electrical; expect for interior MEP system design
- Solar powered lighting of any kind
- f) Lighting of Public Art at either park
- g) Attendance at any Public Meetings
- h) Design of site fire hydrants, either public or private
- Design of fire sprinkler systems for buildings or structures

Construction Phase Services

S Time and material

- 1) Attend pre-construction meeting
- 2) Advise owner on validity of all request for change orders.
- 3) Provide contract modifications for permit revisions as required.
- 4) Attend a weekly meeting construction meetings.
- 5) Prepares written inspection reports for each of the 12 site visits.
- 6) Review contractor submittals
- 7) Review and answer contractor RFIs
- 8) Participate in Substantial Completion walk-through, prepare punch list
- 9) Back-check punch list
- 10) Participate in Final Inspection
- 11) Prepare digital record drawings

This proposal shall be considered a part of or amendment to the Standard Form of Agreement between Architect and Consultant, AIA Document C401-2007 whether specifically issued by the Architect for this project or not. Conditions of the Standard Form of Agreement referenced above are applicable to this proposal and project unless specifically amended by AIA Document G803-2007, Amendment to the Consultant Services Agreement.

A certificate of insurance for RBM Engineering, Inc. shall be provided to the Architect upon request for all applicable insurance coverages. Coverage limits shall be considered to be the current policy limits carried by RBM Engineering at the time of this proposal. Any revision of policy limits for any coverage category shall be documented in the referenced amendment document and any additional premium costs shall be added to the fee proposal listed above.

El Paso, Texas 79912

We appreciate the opportunity to submit this proposal to your firm. Please do not hesitate to call if you have any questions.

Sincerely,

Buyan P. Mars, P.E.

Bryan R. Morris, P.E. President RBM Engineering, Inc.

Acknowledgement and Agreement of proposal scope, contract references and fees:

Signature:	
Printed Name:	
Date:	

4606 Titanic Avenue El Paso, Texas 79904 Ph. (915) 771-7766 Fx. (915) 771-7786

Construction Materials Testing Geotechnical Engineering Environmental Site Assessments Forensic Analysis /Testing

November 7, 2019 (Revised December 12, 2019)

Brock & Bustillos Inc. 417 Executive Center Blvd. El Paso, Texas 79902

Attn.: Mr. Roman Bustillos, P.E., CNU-A

President

Re: Proposal for General Geotechnical Subsurface Soils Evaluation

Proposed Lower Beaumont Recreational Facility Improvement Area Project

Ft. Bliss, El Paso County, Texas CQC Proposal No. PGCQC19-086

Dear Mr. Bustillos:

In response to your request, CQC Testing and Engineering, L.L.C. (CQC) is pleased to provide **Brock & Bustillos Inc.** (Client) with this revised proposal to conduct a general geotechnical subsurface soils evaluation for the above referenced project. We thank you for providing our firm an opportunity to provide professional geotechnical consulting services on this City of El Paso improvements project. This revised proposal presents our understanding of the project, our proposed scope of services, our estimated lump sum fee, and our standard terms and conditions associated with our services on this project. The revision presents a change in our scope of work consisting of the removal of vertical borings, as requested by our Client, and the reduction of our lump sum fee.

I. General Project Description

Based on general information and a conceptual project plan provided by our Client, we understand that the proposed project shall consist of the improvements of the Lower Beaumont area located on the southwest quadrant of the intersection of Fred Wilson Avenue and Dyer Street in northeast El Paso, El Paso County, Texas. In general, the project area is approximately 70 acres and contains vertical reliefs from 50 to 70 feet across the site. We understand that the improvements shall consist of constructing a recreational facility that will include a hike and bike trail, unimproved recreational area, three (3) soccer fields, irrigation, seating areas, lighting, parking, site access improvements, recreational equipment storage, maintenance facility, a restroom building and street roundabouts at Fred Wilson Avenue and Russell Street and Pipes Street with the EPISD intersection.

The specific objective of our scope of services shall be to generally evaluate the subsurface soil conditions within the general project site, collect subsurface soils information and conduct Standard Penetration Tests (SPT's) to evaluate the soil bearing resistance of the subsurface soils and develop geotechnical information with respect to the suitability of the on-site soils as backfill, light pole foundation and pavement section evaluation and recommendation to guide the design of civil and structural elements for the project.

II. General Requested Subsurface Exploration Evaluation

As requested, our general subsurface soils evaluation shall consist of drilling a total of fourteen (14) vertical subsurface exploration borings to approximate depths ranging from 15 to 30 feet, each below the existing ground surface elevation at the time of our subsurface soils evaluation.

The general preliminary boring locations are indicated on the attached General Geotechnical Subsurface Exploration Boring Location Aerial Plan, Sheet 1 for presentation and scoping purposes. Once the specific

November 7, 2019 (Revised December 12, 2019)
CQC Proposal No. PGCQC19-086
General Geotechnical Subsurface Soils Evaluation for
Proposed Lower Beaumont Recreational Facility Improvement Area Project
Ft. Bliss, El Paso County, Texas



locations of the proposed improvements are specified, the borings may be relocated as necessary to collect subsurface soils information in the required areas. The following table lists the boring locations, number of borings and approximate exploration depths.

Boring Location	Number of Borings	Depth (feet)		
Flat Field Areas	4	30		
Recreation Areas	4	15		
Existing Street Areas	2	15		
Hike and Bike Areas	4	15		

The borings shall be completed to the above mentioned depths or auger refusal, whichever is shallower. The borings shall be logged in the field by our geotechnical engineering technical staff. If groundwater or water seepage is immediately encountered during our field activities, the depth shall be recorded.

The borings shall be drilled in general accordance with standard procedures using a truck-mounted rotary-drilling rig utilizing hollow stem augers. During our drilling activities SPTs, in accordance with ASTM procedures, shall be collected at discrete intervals to the maximum boring depths to estimate the relative field bearing capacity of the subsurface soils. In conjunction with our penetration tests, soil samples shall be collected using conventional split-spoon sampling techniques or as required based on the encountered soil conditions.

All collected soil samples from borings shall be properly identified with date, sample location, sample depth and penetration measurements. Representative portions of all obtained samples shall be sealed to prevent moisture loss and transported to our laboratory for further observation and engineering soil classification testing on selected soil samples.

At the completion of our field operations, each boring shall be backfilled with auger cuttings and firmly compacted at the ground surface elevation and/or grouted to at least a depth of 12 inches below the existing asphalt surface elevation, where applicable. We respectfully request that our Client's land surveyor include our exploration boring locations within their scheduled survey points, so that we may report ground elevations and coordinates for each exploration boring, if required.

We also request that the Client provide CQC with existing utility as-built drawings and/or information for the subject project site to reduce the potential of penetrating through underground utilities during our drilling and field activities. Owner shall be responsible for securing a Right-to-Entry and Dig Permit with the Fort Bliss – PWD, as required. CQC may assist the owner by providing the required information to complete forms. CQC may secure a permit for the owner as an additional service, if required. An estimated fee is provided for the owner's consideration for CQC to complete the Dig Permit form and submittal.

CQC shall assist in locating the borings in the field and call Texas811 to request utility locates. However, it should be noted that typically the utility line locators will not mark utility lines within private property. As a result, subsurface exploration borings shall not be performed in areas where utility lines are not appropriately marked or identified in the field to avoid a potential unsafe working condition for our employees. If this condition occurs, CQC shall meet with our Client to review the field conditions and relocate the soil borings, if necessary.

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General Geotechnical Subsurface Soils Evaluation for
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Ft. Bliss, El Paso County, Texas



Our laboratory engineering soil classification tests shall be limited to soil moisture contents, plasticity index tests, sieve analysis tests, up to five (5) soil moisture-density relationship tests and up to five (5) soil CBR tests performed in general accordance with applicable ASTM test procedures. Our engineering soil classification laboratory tests do not include chemical analysis of collected soil samples for environmental assessment purposes.

CQC shall also provide six (6) soils analysis for nutrients services at the landscaping areas for the above referenced project. The soils analysis testing services that shall be performed for this project consist of pH, Nitrogen, Phosphorus, Potassium, Sulfur, Calcium, Magnesium, Sodium, Zinc, Iron, Manganese and Copper.

We anticipate that traffic control shall be required at the time of our field activities. As a result, our revised proposal includes limited costs to provide cones and signs to perform our geotechnical drilling services. Our scope of work does not include lane closures or drilling activities during evening hours or beyond normal business working hours. In the event that these services or working periods are required as a result of permitting requirements, an additional fee revised proposal shall be submitted to our client for authorization. A street cut permit shall be submitted to the City of El Paso for approval, as required.

III. Soils Evaluation Report and Schedule

At the completion of our soil exploration drilling activities, soil evaluation and classification testing, a formal written report shall be prepared and provided to our Client. Our soils evaluation report shall provide a boring location plan, subsurface exploration boring logs, laboratory engineering soil classification test results, and recommendations to guide the design of foundations by structural engineer and sitework by the civil engineer.

We anticipate that we may commence our drilling activities within fifteen (15) working days from our Client's written notice to proceed and once all the permits to enter the property have been secured by our Client and utility lines have been marked at the site at our proposed boring locations. An electronic pre-final review and comment report shall be provided within four (4) weeks after the completion of our field evaluation activities. An electronic PDF copy of the final report shall be provided once comments are received from our pre-final report submittal.

IV. Estimated Lump Sum Fee and Scope of Work Terms

We propose to provide the scope of work defined in this revised proposal for the estimated fees below. A separate fee for the Dig Permit with the Fort Bliss – PWD has been provided for our Client and Owner's consideration.

1). Traditional Geotechnical Subsurface Soils Evaluation & Report:	\$23,800.00
2). Estimated Fee for Dig Permit with Fort Bliss – PWD (Includes 45 hours at \$80.00 / hr. of Professional Time to complete forms, submit to Fort Bliss and secure signatures of applicable utility locators. Does not include other unanticipated permit fees that may arise.)	\$ 3,600.00
Total Estimated Fee:	\$27,400.00

Our estimated fee anticipates that the site terrain shall be accessible to our truck mounted drilling rig and support vehicles.

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CQC Proposal No. PGCQC19-086
General Geotechnical Subsurface Soils Evaluation for
Proposed Lower Beaumont Recreational Facility Improvement Area Project
Ft. Bliss, El Paso County, Texas



Our scope of work under this revised proposal does not include the following; securing a Right-of Entry and Dig Permit with the Fort Bliss – PWD, rental of equipment to grade access to our boring locations, surveying services, delineation of buried materials and/or structures, a groundwater or water seepage study, sink hole study, landslide study, global slope stability of the site, preparation of engineering plans, bid specifications, engineering cost estimates, an environmental assessment of the project sites air, soil, water, site fault delineation and evaluation, delineation of subsurface flowing water either on or adjacent to the project site limits, the development of a dewatering plan, development of a trench safety plan, construction materials testing services during construction, an assessment of the potential impacts or distress to existing structures on or adjacent to the project site resulting from construction activities, and directing or controlling the means and methods utilized by contractors during the construction of the project. CQC and our Client shall have no liability for claims resulting from the contractor's selected means and methods of construction.

Our services shall be performed in accordance with the scope of services described in this revised proposal. By approving this revised proposal, our Client agrees to retain our services for the above estimated fee. We understand that our services shall be performed in accordance with the Standard Terms and Conditions of our Clients master agreement.

Our invoices are due and payable at 4606 Titanic Avenue, El Paso, Texas 79904. All parties hereby agree that this agreement upon acceptance will be performable in El Paso County, Texas. This document and any information contained herein shall not be disclosed and shall not be duplicated or used in whole or in part for any purpose other than to evaluate this revised proposal. This revised proposal is valid for a period of up to 60 days. CQC reserves the right to reevaluate our revised proposal beyond the referenced period. Again, we appreciate the opportunity to submit this revised proposal. Should you have any questions or comments regarding this revised proposal, please feel free to contact us.

Respectfully Submitted, CQC Testing and Engineering, L.L.C. TBPE Firm Registration No. F-10632	Accepted Revised Proposal Scope of Work, Stated Exclusions and Standard Terms and Conditions. <u>Authorized Client Representative</u> Signature:
Spl.	Date:
Carlos Saucedo, P.E. Project Engineer csaucedo@cqceng.com	Print Name/Title:
\mathcal{I}	Company Name:
	Address:
Jaime Rojas, P.E. President/ Principal Engineer	City, State:
Irojas@coceng.com	Phone Number:
Attachments: 1.) General Geotechnical Exploration	Boring Location Aerial Plan, Sheet 1
Copies: 1.) Above Addressee – 1 copy by e-m	nait (roman@brockbustillos.com) /

D\Dropbox\CQC Files\CQC Working Files\GEO\Proposals\2019\Main GEOTECH Proposals\19-086 - CoEP Lower Beaumont Rec Facility (B&B)\3-Proposal and Cost Estimale\revised 121219\19-086 proposal rev 2 docx

(aaron@brockbustillos.com)



December 12, 2019

Roman Bustillos, PE, CNU-A President Brock & Bustillos, Inc. 417 Executive Center Blvd. El Paso, Texas 79902

VIA E-MAIL

Re: Subsurface Utility Engineering (SUE) Services Lower Beaumont Property, El Paso, TX

Dear Mr. Bustillos:

Cobb, Fendley & Associates, Inc. (Cobb Fendley) is pleased to provide this scope and fee for the Subsurface Utility Engineering (SUE) services associated with the project referenced above. The proposed Scope of Services and Basis of Compensation are outlined below.

SCOPE OF SERVICES - SUE

Project Limits:

An approximately 62-acre area on the south side of Fred Wilson Avenue between its intersections with Alabama Street and Dyer Street as shown in Exhibits "A" and "B" in the attachments.

SUE Level B Services:

It is understood that Brock & Bustillos will complete SUE Level D (Records Research) and SUE Level C (Surface Visible Feature Survey) for this project. This proposal excludes SUE Level D and C services. Using collected SUE Level D and C information & utility contacts supplied by Brock & Bustillos, CobbFendley will map existing utilities to SUE Quality Level B (Designation) within the project limits. CobbFendley understands right of entry (ROE) will be obtained by Brock & Bustillos. A detailed description of utility designating services, SUE Level B, is provided below.

Land Survey activities associated with SUE Level B services will be completed in accordance with the Minimum Standards for Surveying in Texas and under the direction of a Texas Registered Professional Land Surveyor. The herein specified services shall be performed according to the Minimum Standards of Land Surveying in the state of Texas and per the requirements of the Texas Society of Professional Surveyors Manual of Practice for Land Surveying.

Deliverables will include:

- Ascii point file in Project Surface coordinates,
- Copies of all field sketches and digital photographs,
- AutoCAD Civil 3D 2018 utility composite drawing.

Lump Sum Fee for SUE Level B Services: \$19,240.00

SUE Level A Services:

SUE Level A (Utility Test Holes) will be performed where the vertical location of existing underground utilities is critical. Brock & Bustillos will identify Test Hole locations based on their conflict analysis. CobbFendley will assist with the final Test Hole placement to limit impacts to traffic and existing improvements. A detailed description of Test Hole services is provided below. A total of 15 Test Holes are included in this scope of work. Additional test holes can be performed for \$750.00 each as requested before Administrative, and Direct Expenses. Test holes will be performed to a 5-foot maximum depth. Any Test Holes exceeding 5-feet in depth will be considered additional at \$150.00 per foot. For each completed test hole, we will develop a test hole data form delivered in PDF format and drawing delivered in AutoCAD 2018 format.

Lump Sum Fee for SUE Level A Services: \$14,020.00

Subsurface Utility Engineering includes utility investigations prepared in accordance with ASCE Standard 38/02. Utility Quality Levels are defined as follows:



Utility Quality Levels are defined in cumulative order (least to greatest) as follows:

Quality Level D - Existing Records: Utilities are plotted from review of available existing records.

Quality Level C - Surface Visible Feature Survey: Quality Level "D" information from existing records is correlated with surveyed surface-visible features.

Quality Level B - Designate: Two-dimensional horizontal mapping. This information is obtained through the application and interpretation of appropriate non-destructive surface geophysical methods. Utility indications are referenced to established survey control.

Quality Level A - Locate (Test Hole): Three-dimensional mapping and other characterization data. This information is obtained through exposing utility facilities through test holes and measuring and recording (to appropriate survey control) utility/environment data.

SUE Quality Level B (designate)

- Designate means to record and mark the horizontal location of the existing toneable utility facilities and their service laterals
 to existing buildings using non-destructive surface geophysical techniques. A non-water base paint, utilizing the APWA
 color code scheme, will be used on all surface markings of underground utilities.
- 2. Correlate utility owner records with designating data and resolve discrepancies using professional judgment. CobbFendley will update the existing utility facility plan (if applicable) with designated utilities, utility owner names, quality levels, line sizes and subsurface utility locate (test hole) locations if applicable. It is understood by both CobbFendley and Client that the line sizes of designated utility facilities detailed on the deliverable are from the best available records and that an actual line size is normally determined from a test hole through vacuum excavation. A note will be placed on the designate deliverable only that states "lines sizes are from best available records". This information will be provided in AutoCAD format.
- Clearly identify all utilities that were discovered from previous investigations and record information but cannot be depicted
 in quality level B standards. These utilities will have a unique line style and symbology in the designate (Quality Level B)
 deliverable.
- 4. Comply with all applicable City/State policy and procedural manuals.

SUE Quality Level A (locate)

Locate means to obtain precise horizontal and vertical position, material type, condition, size and other data that may be obtainable about the utility facility and its surrounding environment through exposure by non-destructive excavation techniques that ensures the integrity of the utility facility.

During Level A Services, CobbFendley will:

- Coordinate with utility owner inspectors as may be required by law or utility owner policy.
- 2. Neatly cut and remove existing pavement material, such that the cut not to exceed 0.10 square meters (1.076 square feet) unless unusual circumstances exist.
- 3. Measure and record the following data on an appropriately formatted test hole data sheet.
 - A. Elevation of top and/or bottom of utility tied to the datum of the furnished plan.
 - B. Identify a minimum of two benchmarks utilized. Elevations shall be within an accuracy of 2.54 cm (1.0 inches) unless a more precise tolerance is specified for the specific location being investigated.
 - C. Elevation of existing grade over utility at test hole location.
 - D. Horizontal location referenced to project coordinate datum.
 - E. Outside diameter of pipe or width of duct banks and configuration of non-encased multi-conduit systems.
 - F. Utility facility material(s).



- G. Utility facility condition.
- H. Pavement thickness and type.
- I. Coating/Wrapping information and condition.
- I. Unusual circumstances or field conditions.
- 4. Excavate test holes in such a manner as to prevent any damage to wrappings, coatings, cathodic protection or other protective coverings and features.
- 5. Be responsible for any damage to the utility during the locating process. In the event of damage, CobbFendley shall stop work, notify the appropriate utility facility owner, client project manager, and appropriate regulatory agencies.
- Back fill all excavations with appropriate material, compact backfill by mechanical means, and restore pavement and surface material.
- 7. Furnish and install a permanent above ground marker directly above center line of the utility facility.

Plot utility locate position information to scale and provide a comprehensive utility plan. This information will be provided in AutoCAD format.

SERVICES TO BE PROVIDED BY BROCK & BUSTILLOS, INC.

The following information, as available, shall be furnished at no cost to CobbFendley:

- 1. Provide project plans showing the project limits, alignment, benchmarks, project control data, profile, cross-section information and test hole locations as required to perform the service under this contract.
- 2. SUE Level D (Records Research) and SUE Level C (Surface Visible Feature Survey) for this project.
- 3. Lists of all utility and/or agency contact persons.
- 4. Other available information or assistance as appropriate.
- 5. Provide CAD utility line style and symbology, if desired.

CobbFendley personnel are certified in work zone safety and confined space entry. All Subsurface Utility Engineering services are completed by CobbFendley employees and the work is performed in accordance with ASCE 38/02 (Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data).

Basis of Compensation

The above scope of services associated with this project can be provided for a total fee of \$33,260.00. All fees include expenses related to mobilization, permitting and barricading fees.

If this summary is acceptable, please forward an authorization to proceed. If you have any questions or comments, please do not hesitate to contact us.

Sincerely,

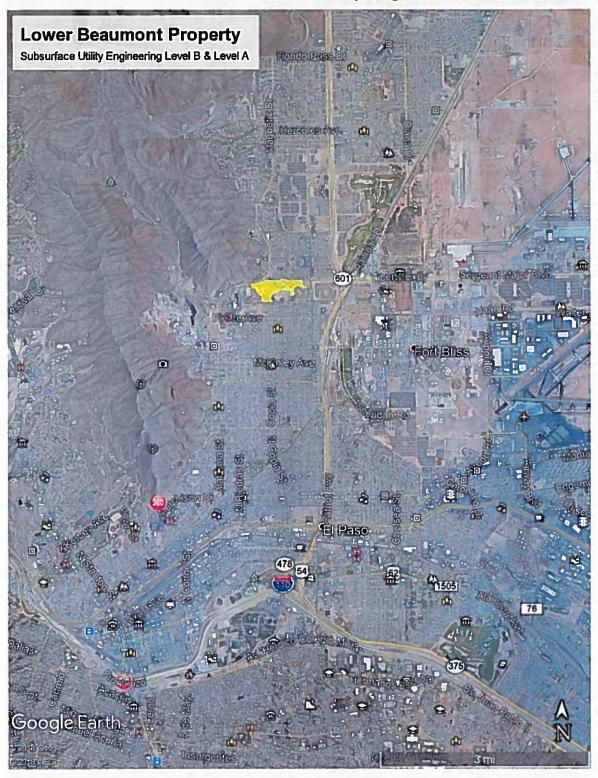
COBB, FENDLEY & ASSOCIATES, INC.

Jesus A. Ramos, Jr., P.E. Senior Project Manager

Cc: Sean Wolfe, P.G., Principal-In-Charge



Attachments Exhibit "A" – Vicinity Map



Landscape Architectural Scope of Services/Person Hours for Lower Beaumont Recreational Facility December 7, 2019

Section Company is not below upon	Siles Southwest								
Task Description	Hours	<u>Principal</u> Hours Rale		Project Designer/ Graphic Specialist Hours. Rate		Landscape/Intoalion Dezianer Hours Rafe		ministrative Assistant Rate	Iotal.
		\$150.00		\$75.00	32	\$75.00		\$40.00	
Design Phase			1						
Pre-Design Phase				1					
Review Survey, As-Builts & site verify into w/ Design Team	6	\$900.00	- 6	\$570.00		\$0.00		\$0.00	\$1,470
Preliminary Design Phase	10000		0.00						
Team Kick-off Meeting/Solutions Chartette (1)	- 4	\$600.00	4	1380.00	8	\$600.00		\$0.00	\$1,580
Landscape Concepts Plans (with general Planting Concepts)	6	\$900.00	14	\$1,330.00	80	\$6,000.00		\$0.00	\$8,230
Irigation Concepts Plans	2	\$300.00	16	\$1,520.00	40	\$3,000.00		\$0.00	\$4.820
Preiminary Details & Notes	2	\$300,00		\$380.00	24	\$1,800,00		\$0.00	\$2,480
Pretiminary Specifications		\$300,00		\$1,140,00		\$0,00	12	\$720.00	\$2,160
Initial Cost Estimate	2	\$300.00	4	\$380.00	6	\$450.00	3	\$180.00	\$1,310
Grading Coordination	2	\$300.00	6	\$570.00	8	\$400.00		\$0.00	\$1,470
Project Team Meeting	4	\$600.00	4	\$380.00	2	\$150.00		\$0.00	\$1,130
Project Team Coordination	4	\$600.00	_	\$740.00		\$300.00	_	\$0.00	\$1,660
Review Meeting with COEP	4	\$600.00		\$380.00		10.00		10.00	3980
Renderings for Public Meeting (Max 3, combo of 20 & 30)	2	\$300.00		\$1,710.00		1900.00	-	\$0.00	\$2,910
Public Meeting Atlendance	4	1600.00		\$380.00		\$0.00		10.00	1980
QA/QC	8	\$1,200.00		30.00		\$0.00	-	\$0.00	\$1,200
QA/QC Revisions	- 0	\$1,200,00	_	\$0.00		\$1,500,00		10.00	\$1,500
reliminary Design Phase Subfolai	52	\$7,800.00	194	\$7,880.00		\$15,300.00	16	\$700.00	088 622
Fre-Final Design Phase	44	37,000.00	199	37,000.00	204	313,300.00	- 18	3700.00	343,880
Landscape Construction Plans	2	\$300.00	18	1) 210 00	80	84 000 00		40.00	50.016
		\$300.00	12	\$1,710.00		\$6,000.00		\$0.00	\$8,010
Planting Plans	2	\$300.00				\$7,500.00	_	\$0.00	\$7,440
Irrigation Plans	2		12	\$1.710.00		\$1,500,00		\$0.00	\$9,510
Details & Notes Sheets	2	\$300.00		\$1,140.00			- 10	\$0.00	\$2,940
Specifications	2	\$300.00	6	1570.00		\$0.00	12	\$720.00	\$1,590
Cost Estimate		\$150.00	3	\$285.00		\$450.00	2	\$120.00	\$1,005
Project Team Meeting	5	\$750.00	_	\$475.00		\$0.00		\$0.00	\$1,225
Project Team Coordination		\$600,00		\$570.00		\$900.00	- 4	\$240.00	\$2,310
Review Meeting with COEP	4	\$600.00		\$380.00		\$0.00		\$0.00	\$980
Public Meeting Attendance	4	\$600.00		\$380.00		\$0.00		\$0.00	\$980
QA/QC	- 8	\$1,200.00		\$0.00		\$0.00		\$0.00	\$1,200
QA/QC Revisions		\$0.00		\$0.00	36	\$2,700.00		\$0.00	\$2,700
Site elements on-site verification	3	\$450.00	3	\$285.00		\$0.00		\$0.00	\$735
Public Meeting Attendance	4	\$600.00	4	\$380.00		\$0.00		\$0.00	\$980
reliminary Design Phase Subtotal	43	\$4,480.00	75	\$7,025.00	334	\$25,050.00	18	\$1,080.00	\$41,605
final Design Phase									
Landscape Construction Plans	2	\$300.00	16	\$1.520.00	80	\$6,000,00		\$0.00	\$7,820
Planting Plans	2	\$300.00	12	\$1,140.00	80	\$6,000,00		\$0.00	\$7,440
Irrigation Plans	2	\$300.00	20	\$1,900.00	120	\$9,000,00		\$0.00	\$11,200
Enlargement Plans	2	\$300.00	30	\$2,850.00		\$4,500.00		\$0.00	\$7,650
Detail & Notes Sheets	2	\$300.00	8	\$760.00		\$1,500,00		\$0.00	\$2,560
Specifications	2	\$300.00	6	\$570.00	10	\$750.00	6	\$360.00	\$1,980
Cost Estimate	1	\$150.00		\$285.00	6	\$450.00	1	\$60.00	\$945
QA/QC	20	\$3,000.00		\$0.00		\$0.00	_	\$0.00	\$3,000
QA/QC Revisions	+	\$0.00		\$0.00	36	\$2,700.00		\$0.00	\$2,700

Charadrean Committees Reares For the cold

Page 1

Landscape Architectural Scope of Services/Person Hours for Lower Beaumont Recreational Facility December 7, 2019

BOSN OF WALLEY FOR STATE OF STATE	Siles Southwest								
Task Description	free	Principal Hours Rate \$150.00		d Designer/ ic Specialist Bate \$75.00		edunet Rale \$75.00		sinistrative saistoni Rate \$40.00	Iolol
Rendering for DRC & Public Meeting 20 & 3D (up to 3 - 24x36 Boards)	- 2	300.00	- 24	\$2,280.00	18	\$1,350,00		\$0.00	\$3,930.0
CDR/Public Meeting Attendance	-1-7-	\$600,00	-4	\$380.00		\$0.00		\$0.00	1980.D
inal Design Phase Sublatal	37	\$8,850.00	123	\$11,445.00		532,250.00	7	\$420.00	\$\$0,205.0
Final Check Revisions(100%)	7.5		-			-			- 11 - 12
Incorporate Final Redlines & Comments	2	\$300.00	12	\$1,140,00	40	\$3,000.00		\$0.00	\$4,440.0
Final Specifications/Bid Documents	4	\$600.00		1570.00		\$0.00	a	\$480.00	\$1,650.0
Final Cost Estimate	1	1150.00	- 4	\$380.00		\$600.00		\$240.00	\$1,370.0
Review Meeting with COEP	4	\$600.00	4	\$380.00		\$0.00		\$0.00	\$980.0
Public Meeting Attendance	À	\$400.00	4	1380.00		\$0.00		\$0,00	\$980.0
QA/QC	12	\$1,800,00	ta.	\$1,710,00		\$0.00		\$0,00	\$3,510,0
QA/QC Revisions		10.00		\$0.00	32	\$2,400.00		\$0.00	\$2,400.0
Design Phase: Printing, Copies, Mileage		\$0.00		\$0.00		\$0.00		\$0.00	\$1,200,0
Hinal Check Sublatal	27	\$4,050.00	≡ 48 ≡	\$4,640.00	_ 6D	\$4,000,00	10.12	\$720.00	\$14,530.0
Design Phase Tetal	161	\$24,130.00	370	\$35,150.00	1048	\$78,400.00	32	\$3,120.00	\$142,220.0
2 Bidding & Construction Phase									
Sidding Phote									
Attend Pre-Bid Conference	3	\$450.00	3	\$285.00		\$0.00		\$0.00	\$735,0
Respond to Prospective Bidders & provide plan clarifications	4	\$600.00	. 9	\$855.00	10	\$750.00		\$0.00	\$2,205
Addenda Preparation	3	\$450.00	- 8	\$760.00	10	\$750.00	2	\$120.00	\$2,080.
Construction Phase									
Attend Pre-Construction Conference	3	\$450.00	3	\$285.00		\$0.00		\$0.00	\$735.0
Attend Public Meeting	3	\$450.00		\$285.00		\$0.00		\$0.00	\$735.0
B+Weekly Site Visits (total 20 visits assumed)	20	\$3,000.00		\$3,800,00		\$0.00		\$1,200.00	\$8,000.0
Review Shop Drawings/RFis/Submittals	1 2	\$300.00		\$475.00		\$750.00	2	\$120.00	\$1,645.0
Substantial completion (Punch List) walkthrough	8	\$1,200.00		\$760.00		\$0.00	14.	\$240.00	\$2,200.0
Prepare Substantial completion Report (Punch List)	3	\$450.00	_	\$570.00		\$0.00		\$240.00	1,260.0
Final Inspection Site Visit	6	\$900.00	6	\$570.00		\$0.00		\$0.00	\$1,470.
Final Inspection Report to Verify Punch List	2	\$300.00	- 4	\$380.00		\$0.00	3	\$ (80.00	\$860.
As-built drawing preparations		\$0.00	6	\$570.00		\$900.00		10.00	\$1,470,0
Warranty inspection & Report	- 6	\$900.00	- 6	\$570.00		\$0.00		\$60.00	\$1,530.
Bidding & Construction Phase: Printing, Copies, Mileage	12,000	\$0.00		\$0.00		\$0.00		\$0.00	\$900.
Bidding & Construction Phase SubTotal	43	37,450.00		\$10,145.00		\$3,150.00		\$2,140.00	-\$25,825.0
TOTAL ALL PHASES	224	\$33,400.00	477	\$48,315.00	1,090	\$81,750.00	64	\$6,260.00	-5168,845.0

As discussed with Ms. Deborah Hradek, a 14.5% across the board cut was made at the request of the City. (*No Construction Phase Services until we know what will be built) (\$161,045.00 - *\$25,825.00) X 85.5% =

\$125,890.20

The refrancisco apter because the facility and

LATTICE blue, LLC

PROPOSAL

Abril P. Parra RAS | LEED GA | AAIA 2619 E Missouri Ave El Paso, TX 79903 915.727.0537 www.latticeblue.com DATE PROPOSAL # PROJECT # DUE DATE TABS #

12.09.2019
1962-02
1962
PER PHASE

BILL TO:

BROCK & BUSTILLOS, LLC
Attn. Mr. Sergio Adame, PE, CNU-A
417 Excecutive Center Blvd
El Paso, TX 79902
915.542.4900
sergio@brockbustillos.com

DESCRIPTION	QTY	RATE	AMOUNT
TDLR Project Registration for Beaumont Recreational Facility	1	200	200.00
Preliminary Design Review	1	3200	3,200.00
Pre-Final Design Review	1	2200	2,200.00
Final Design Review	1	2250	2,250.00
Bid Phase Review	1	1200	1,200.00
Project Inspection	1	1075	1,075.00
	9		
		Cubtotal	40 405 /

OTHER COMMENTS

- 1. Total payment required in order to proceed to next phase
- 2. Please include the PROJECT # on your check
- 3. Contact us for convenient credit card payment

TOTAL \$ 10,125.00

Make all checks payable to LATTICE blue, LLC

ALL FEES ARE NON-REFUNDABLE AND MUST BE PAID PRIOR TO SERVICES BEING PERFORMED, PER TDLR RULE 68.80

If you have any questions about this invoice, please contact me at

<u>abril@latticeblue.com</u>

Thank You For Your Business!

As discussed with Ms. Abril Parra, a 14.5% across the board cut was made at the request of the City. (\$10,125.00) X 85.5% =



December 12, 2019

Roman Bustillos, P.E., CNU-A Brock & Bustillos, Inc. 417 Executive Center Blvd. El Paso, Texas 79902

Re: Recreational Facility Lower Beaumont Property Ft. Bliss Solicitation # 2020-073R

Dear Roman:

It is with great pleasure we submit our fee proposal for the renovation of the Lower Beaumont Park. Our fee proposal is based on the last (revised) Scope of Services provided by you.

Our fee includes the following Sub Tasks items:

Sub Task B010 Project Management
Sub Task B060 Sun Metro and Bike Routes
Sub Task B080 Improvement Design
Sub Task B140Technical Specifications
Sub Task B160 Contract Documents
Sub Task B170 Construction Administration Services, (see note below)

Exigo Architects scope of work will include the following:

Project Management, Public Involvement assistance only, assistance with location of Sun Metro and Bike Routes, Full Site investigation related to our scope of work, create as-builts of our work, Demolition plans (architectural only) of all designated demo structures and plans and/or specifications for new shelter/new restrooms, cost estimate (total of 3) for the demolition and new structures. Respond to review comments at all phases. Attend the kick-off design meeting and coordination meetings. Assistance during bid phase with addendums, questions and comments, and construction permit review process only. Coordination with all other trades pertaining existing and/or new work included in this proposal.

This proposal does not include the following:

- 1. Maintenance and Equipment Storage re-purposed building, since currently is unknown.
- 2. Coordination for any art or sculpture infrastructure.
- 3. Facility or monument signs.
- 4. Historic mitigation under the Texas Historic Commission (THC).
- Construction Administration, such as weekly meetings, RFI's, ASI's, Change Orders, Shop Drawing Submittal, Site visit reports, Substantial Completion, Punch List, Final Inspections, Prepare Digital record drawings, Etc.
- 6. No hours included for the Maintenance and Storage building. This can be as a separate proposal or as needed per hourly rates, plus material.
- 7. Demolition of structures: Structural, Mechanical, Plumbing and Mechanical not included.

architecture . interiors planning , project management

There will be 4 phases in the design process with review meetings at the end of each phase including bidding phase. Our Fixed Fee Proposal for the above scope of work is \$44,157.83 and our work will be submitted as:

11	Exigo Architects	%	Amount
2	Preliminary	20%	\$ 7,215.87
3	Pre-Final Design	55%	\$ 19,843.63
4	Final	15%	\$ 5,411.90
5	Bidding	10%	\$ 3,607.93
6	Construction Administration	0%	\$
7		Total Sum	\$ 36,079.33
8	Expenses		
9	Cost Estimate		\$ 8,078.60
10	Printing and technology		\$
11	Topographic Survey		
12	Boundary Survey		SELECTION OF EXPLOYE
13	Soils and Foundation		
14			\$ 44,157.93

In addition to the above fixed fee, additional tasks requested and listed in our proposal will charge separate as follows:

Senior Principal	Eugenio Mesta	\$196.35
Project Manager	Jesus Ortega	\$127.52
Design Manager	Alberto Garcia	\$105.00
REVIT	adi Marahamani andara	\$75.00
REVIT		\$75.00
Construction Admin		\$125.00
Clerical		\$45.00

Sincerely;

We see this project as the beginning of a working relation, and we appreciate the opportunity to submit this proposal and look forward to working with you. If you have any questions, please do not hesitate to contact me.

LEE ENGINEERING, LLC. PROJECT BUDGET SHEET

PROJECT NAMÉ:		Recreational Facility	at L	ower Beaumo	nt Prope	erty Improvements			
PROPOSAL NUMBER:		2019-1015				•			
REVISION DATE:		2019-1015 December 12, 2019							
REVISION DATE:		December 12, 2015							
FEE TYPE:		Lump Sum							
PREPARED BY:		Willie Roman, PE, P1	OE						
PROJECT MGR:		Willie Roman, PE, PT	OE						
1 - CONCEPT LAYOUT DESIGN	PHASE								
LEE ENG LABOR:			\$	42,757.17					
	STUDY FEE:				\$	42,757.17			
2 - PRELIMINARY DESIGN PHAS	SE .								
LEE ENG LABOR:			\$	32,464.52					
	DESIGN FEE:				\$	32,464.52			
3 - PRE-FINAL DESIGN PHASE									
LEE ENG LABOR			\$	18,915.27					
	DESIGN FEE:				S	18,915.27			
4 - FINAL DESIGN PHASE									
LEE ENG LABOR:			\$	11,281.76					
	DESIGN FEE:				\$	11,281.76			
5 - BID PHASE									
LEE ENG LABOR:			\$	1,945.55		10			
	DING COSTS:				\$	1,945.55			
6 - CONSTRUCTION PHASE									
LEE ENG LABOR:			\$	•					
	CTION COSTS:				\$	•			
OTHER DIRECT COSTS									
DIRECT EXPENSES			\$	347.00					
DIRECT COSTS MARK		10%		34.70					
SUBCONSULTANT MAR		0%	\$						
OTHER DI	RECT COSTS:				\$	381.70			
TOTAL SUBCONSULTANT'S FEI	ES:								
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CONSTRUCTION ADMIN L					\$	1,040,00			
	RECT COSTS				S	381.70			
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LEE ENGINEERING, LLC. PROJECT BUDGET SHEET

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	Review concepts of argining and marking plans			8.0	40				
	Toda-Total Hours - Task 609	6.0	9.0	6.0	4.0	68	0.0	4.6	
# 150 ·	(Section) and Municipation Assister & Design							Alle Victoria and Victoria	
	Partners Street Lagring Arabas for Internal Peach and Trade		4.0	20.0	12.0	40			-
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A 150 -	Colvens of Probable Construction Cost		100		100000000000000000000000000000000000000				
	Develop Traffic &GPGG for Concepts		6.0	100	10.0				
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	Code-Total House - Took 100	14	6.0	19.0	90.0	1.65	8.8	9.5	
	Bub-Total News - CONCEPT LAYOUT DESIGN PHASE	- 4	71.0	103.0	94.0	9.0	10	1.0	
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	PROJECT NAME:	Principal	mer Besiment Preparty by	Project	Berrier Cord		Engineering CAD	Administration 1	Dec/12/2019
operate 2	2016-4918	Engreen	Manager	Green	Contigues	Chris Designer	Dreftsman	Assistant	HOURE
		Peul Berittlein, PE.FTDS	Willia Rashas, PE, PTDE	Chris Bobie, PE	Biomarch Acarda, MT	Maroo Serrapa			
		87.4 99	\$167.57	\$123.30	\$108.73	Súč. 17	\$75.00	650.66	
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	Contribution with Clarifyanium		90	20					
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	Body-Total Mason - Took 10	1.0	96.0	4.0	· ·	4.0	44	6.0	
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	per Mora tearing		401						
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in 100 - 10	Egysege, Riching and Traffic Egysdautice	a service and a service at							
	Rosse Front Signing and Making Plans		8.0	80	49		1000		
	the Total House - Task 908	1.0		- U	44	8.8	4.0	6.0	
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	Novembragett Resource and Data Improvements Coughts related to Traffic Engineering		9.0	90	10				
-	Frough Horseviel Design for three Roundsbours		43	12.0		40	Company of the same		
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	Transp. (red Engraphing Cough Base)		4.0	40		A STATE OF THE PARTY OF THE PAR		C. C	
	Bridge Printed Honorte o Pitode 1928	1.0	36.0	24.0	144	8.0	- 4	0.0	-
	Traffic Control Plans and Construction Supercising			N - A	A CHARLES A CHARLES	AV 10 0 1	and the second second		
-	Finance Frailing Countrol Plants		901	9.0	49	7			
	Train-Total House - Train (14)		1.0	U	4.6	9.0	4.0	0.0	
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	Propers Friend Registry and Fred Layring Shoets		10	20.0	110	100		A Actor Services	
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-	Trappers Order of Specs			30					
	Columno need of aposal sportunitors.		10.	CONTRACTOR STORY					
	QA/QC	101							
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4 100 · · · · · · · · · · · · · · · · · ·	Spinning of Prohetic Streetworken Cont								
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		Principal	Project	Project	Bantor Cord		Engineering CAD	Advantations T	Dec/12/2019
ereda.	3019-4018	Brighter	Manager	Supremer Project	Decigner	Civil Designer	Customen Bullimental Caro	Assistant	HOURS
		Peul Barrishiou, PE, PTDE	Willie Romes, PE, PTOE	Chris Books, PE	Bromoret Accets, 677	Marco Barraza			
		\$275.00	\$197.07	\$122.22	E106 72	\$46.17	\$75.00	\$56.00	
-	Prob-Parks, Dissional Profession Codemons Story ()					To the second			
16	Project Management 11		the fact of the latest	A	CO. Description (Co. Description)	Commence of the last	NAMES OF TAXABLE PARTY.	Control of the last of the las	
	Design Movenga: Communication: & Records (Dusign Mondating Report)		20						
	Doordreton with City/Agences, attend COR and Propers Replies to Doogn Rovins Forms	- 1	2.0	20					
	Denoral Acronation	10	20						
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	Busy-Total Hours - Took 19	14	- 4	2.0	- 4	5.0	9.0	CONTRACTOR AND T	
4.100.	Styrings, Mittyring and Traffic Styrinkyston				AND PARTY OF THE PARTY.				
	Power Remot Provid Bigring and Monting Plans	1	40	3.0					
	Blok-Turki Hours - Took 160	64	- 44	2.6			4.4	8.0	
a.106-	Fratile Separationation, Tradio Militagenton and Sunape			4.	to the second second	-			
	Ronner Romad Project Roadways and Site Improvements Designs retains to Traffic Engineering		40	1.0	3.0				
	Revenue Harrigerated Consegn for strong Recurrication/to		3.0	8.0		40			
	DAGC	10							
	Body Total Hours - Took 109	1.0	1.0	15.0	7.4	41	0.6		
4 118-	Traffit Countrie Place and Construction Beginning					harden and the same of the sam			
	Review Revised Traffic Control Plans		30	30	20				
	Bub-Total Hours - Took 118	4.0	5.0	- 11		the second second second	6.0	6.6	
176-	Conduction, Intention, Electrical and Management Consign Coordination	-		Control of the last	-	-			
	Rouse Internal Rossway and Yrid Lighting Shoots		20	100	80	50			
	SACC	10							
	Bods Fortal Mounts - Total 198	1.0	8.6	10.0	1.0		h	60	
4 SH0 -	Technical Revealigations		-	-			0.0		-
	Program Tech Space		v 20	10.0		40			
	Propers special applications		20	40			-		
	DADE	10							
-	Pleas-Ford Moors - Teen Sell	10)	- 0	1144	44	4.0	LO LO	- 10	
A 100-	Operators of Probable Constitution Cost		-	- Just				-	
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	Spain Foliat House - Took 198	AND THE RESERVE THE PARTY NAMED IN	ALCOHOL SALES	2.0	44	4.0	44	8.6	
100 -	Contract Department Deliverables	-		A				-	
	Create Pages Surveys Sheet and Project Single		10	40					
	Propers (b) Tabulaton		10	4.0					
	OMOC	. 10		8.0		_			
	State-Total House - Total 168	400000000000000000000000000000000000000	2.0	12.0	6.0	8.0	44	0.8	_
	Sub-Total Hours - PRE-PRIAL DESIGN PHASE	colonia de la co	14.0	95.0		17.6	4.0		
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		Principal	Project	Project	Beater Gord		Segmenting CAD	Adminustrative	10.744
oposel e;	2013-1013	Engineer	Manager	Beginner	Doctores	Civil Decignor	Droffpreen	Assistant	HOURS
.,		Paul Bartichious, PE, PTOE	With Roman, PE, PTOE	Circle Bebre, PE	Diemorth Acosts, SIT	Huro Bornza			
		\$279.00	\$167,37	8123-23	\$108,72	\$85.17	675.00	150.00	
	PRIAL EXAMIN PRIATE (1) Columbia Staye)	1						The second secon	
1 10 = - I	Project Management								
	Corego Meetings Communication & Records (Design Mondaring Report)		30						
	Deordination with CaviAgencies, attend CDR and Propers Replies to Design Review Forms.		2.0	20					
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30 -	Public Involvement	-	-		*0	-	-	-	
	Develop E-more for Open House Meeting		10	10	20				
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	Sub-Total Hours - Total 28	- 4	EJ	1.0	2.0	- 10	0.0	8.0	_
100					2.0		E.F	4.4	
308	Segnage, Shipping and Traffic Segnalization								
	Review Final Project Sugning and Marking Plans		20	20					
	Quita-Todal Houry - Task (60)	6.6	2.0	2.0	8.0	0.0	0.0	8.0	
196 -	Traffic Signaturation, Traffic Magnificer and Doublet				Company of the Compan	AND DESCRIPTION OF THE PARTY OF	A 40 15		
	Review Final Project Readways and Site Improvements Designs related to Traffe Engineering		20						
	Profits Herpared Coupt for time Roundstours		2.0	4.0	501	20			
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	Quality Total Hoters - Total 100	1.0	4.0	2,0	4,8	2.0	8.6	0.0	
d (58 ·	Traffic Control Plans and Construction Sequencing			LANCON CLINIC A	A STATE OF THE STA				
	Review Final Traffic Control Plans		20	20	10				
	Sub-Total Hours - Tota 118	4	2,0	2.0	1,0	1.0		4.0	
h 130 -	Montrical and Marrination Review & Contest								
	Freitze Internal Readway and Trial Lighting Shaets		1.0	6.0	40	30			
	CAVOC	10							
	Study-Fotal Hours + Tools (30	1.0	· · · · · · · · · · · ·	- LA	41	3.0	ISI I	4.0	
140-	Training Specifications								
	Finalize Tech Stock		20	5.0		2.0			
	Fernitre special apecifications		10	20					
	OA/OC	+0							
	Sub-Total Haury - Took 140	1.0	3.0	7,0	6.0	2.0	- u	0.0	
180				1.00		2.0		-	
-	Produce EOPCC		20	20		20			
		10		40		20			
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	State-Yorkel Minute - Yorks 1989	1.0	2.0	2.0	8.0	- 44	- 1	0.0	
h 100 v	Contract Decement Deliveration								
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	Bub-Total Hours + Took (68	1.0	3.0	- 4		0.0	1.0	8.6	
	Buly-Tabel Harris -FRAL DESIGN PHASE	1.0	27.8	16.6		0.0		0.0	berneything to
	Sub-Total Labor Cost - FRIAL DESIGN PHASE	\$1 376 C2	33 358 84	E3 886 Ec	£761.01	570136	13 93	10 01	31

-	2010-1016	Principal Engineer	Project Manager	Project Bogisson	Bookgrae Dockgrae	Civil Decignor	Engineering CAD Draffemen	Administrative Assistant	HOURS
		Paul Bermillen, PS, PTOE	Willia Roman, PE, FTOS	Clots Bobis, PE	Biomerck Assets, 607	Marco Barraca		- 1	
		\$275.00	\$107,07	\$122.23	\$10a 72	£65.17	675.00	150.00	
	ALD PHASE (& Calondar Doyn)		-						
	Food in responding to Contractor Quistions		30			6.0			
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	Code-Food House - \$10 PHAZES	1.0		9.0	·······································	6.0	64	6.0	
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	Address requests for electrosism (RF to)								
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	Observe construction of improvements								
	Assert substantial completion walk-freeign marking	- 100	·						
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	Altern) final complaints with-fireuph meeting								
_	Sub-Trial Hours - CONSTRUCTON PHARE	4.0	44	H	8.8	6.0	6.0	6.0	
	Sub-Total Labor Cost - CONSTRUCTER PHASE	1161	រេង	10 00	13 50	\$2.64	\$7.00	សស	
72.00	and the second			- March	200				
	TOTAL PROJECT LABOR COST	T							1607,



December 11, 2019

Roman Bustillos, P.E., CNU-A President Brock and Bustillos Inc 417 Executive Center Blvd. El Paso, Texas 79902

CITY OF EL PASO – CID PROJECT FACILITY IMPROVEMENT AT LOWER BEAUMONT

Mr Bustillos.

We appreciate the inclusion of HKN Engineers on your team for the subject project with the city of El Paso, Texas. We have received scoping documents from your office which were prepared by the project manager for the city of El Paso. We understand that the design team will participate in the full process of the projects from inception to construction. Project Delivery of all projects through construction documents shall take place in 2019 and early 2020 with an anticipated start of construction in 2020.

- Full Structural Design in compliance with the 2015 IBC

-	Construction Documents	% of the Fee
	 Conceptual Design Phase 	10%
	- Preliminary Design	35%
	- Pre-Final Design	25%
	- Final Design	25%
-	Bidding Services	5%

We also anticipate that the foundation for the public art pieces will part our structural design.

The Construction Administration services fee will be submitted for approval once the bid is awarded. This fee will be broken down on a time and materials basis.

We understand that the project involves the following description of budget & size. The specifics of the project are summarized below:

SCOPE

\$4,000,000 CONSTRUCTION BUDGET

STRUCTURAL ASSESSMENT REPORT OF EXISTING WAREHOUSE REPURPOSED FOR EQUIPMENT STORAGE MAINTENANCE OCCUPANCY.

RESTROOMS, BASEBALL FIELD DUGOUTS

6.000 SF

MISCELLANEOUS SITE FOUNDATIONS

FIELD LIGHT POLES, PARKING LOT LIGHT POLES, SCOREBOARD, ART PIECE (1)

ANCILLARY STRUCTURES:

MONUMENTAL SIGN, METAL PICNIC CANOPIES

EXCLUSIONS

ART PIECE STRUCTURE ABOVE FOUNDATION, ASSESSMENT OF BUILDING 7167, CONCESSIONS STAND

FEES

A total lump sum fee of \$ 19,200 is proposed for the scope of services described herein.



The portion of the Fee corresponding to the Bidding Phase is \$ 960 (5%) according the following Hourly Breakdown:

HKN Bidding Hourly Breakdown

	Principal Engineer	Project Engineer	Staff Engineer	Drafting	Clerical	Cost
Task	\$ 150.00	\$ 150.00	\$ 110.00	\$ 75.00	\$ 60.00	
Pre-Bid Conference	1					\$ 150.00
RFI's	5				1	\$ 660.00
Total	6	0	0	0	1	\$ 960.00

ADD SERVICES FEES

For additional services and within the allocation of resources to the project the following Hourly Rates shall be Applicable:

Principal PM	\$150
Project Engineer	\$150
Staff Engineer	\$110
Senior Drafting / BIM Coordinator	\$90
Drafting	\$75
Modeler	\$75
Administrative	\$60

We thank you for the consideration of our firm for these services and look forward to this new venture with Brock and Bustillos, Inc. Please call us with any questions or comments regarding the project, scope of services and related fee.

Respectfully submitted,

Jamier & Carly

Javier Carlin, P.E.

Firm#: F-001239

Principal

ATTACHMENT "C" CONSULTANT'S BASIC AND ADDITIONAL SERVICES

For the "RECREATIONAL FACILITY LOWER BEAUMONT PROPERTY - FT. BLISS" hereinafter referred to as the Project, the Consultant will provide the Basic and Additional Services as noted herein.

BASIC SERVICES OF THE CONSULTANT

GENERAL

- 1. The Consultant agrees to perform professional services in connection with the Project as hereinafter stated.
- 2. The Consultant shall comply with the City of El Paso Engineering Department Construction Document Guidelines, which are in effect at the time of this Agreement and are available in the City Engineering Department, in the performance of the services requested under this Agreement.
- 3. The Consultant shall serve as the Owner's professional representative in those phases of the Project to which this Agreement applies, and shall give consultation and advice to the Owner during the performance of services.
- 4. The Owner is relying upon the skill, reasonable care and knowledge of the Consultant to furnish the Owner with oversight and management of the Project within the allocated budget. The Owner's review of any documents prepared by the Consultant is only general in nature and its obligation to approve and accept the work in no way relieves the Consultant of responsibility for any specific deficiencies in the project.

REPORT/CONCEPT PHASE

- 1. Upon receipt of the Owner's written authorization to proceed with the **Report Phase**, the Consultant shall:
 - a. Consult with the Owner to determine the requirements of the Project and together with the Owner develop a mutually acceptable scope for the Project.
 - **b.** Provide preliminary investigations, studies, topographic surveys including ties to known monuments of right-of-way lines, general supervision of any other services obtained as described in Part 1.c. of this section and interpreting or incorporating results of any such services for inclusion in the Preliminary Study and Report referred to in Part 1.d. of this section.
 - c. (1) Provide consultation and advice as to the necessity of providing or obtaining other services such as: (a) Property surveys, boundary surveys, right-of-way surveys, and utility surveys, (b) Core borings, probings, and hydrographic surveys, (c) Laboratory testing, and (d) Inspection or other special consultation; (2) Act as the Owner's representative in

connection with such services; and (3) If concurred with and authorized by the Owner, provide, procure, or assist in procuring such Additional Services.

- d. Prepare a Preliminary Study and Report on the Project based on the mutually accepted program in sufficient detail to indicate clearly the problems involved and the alternative solutions available to the Owner, to include schematic layouts, sketches, flow diagrams and reports of studies, and a general opinion of probable construction costs for such of the above listed improvements to be included in the Project, and to set forth the Consultant's recommendations.
- e. As per Attachment "D", furnish the Preliminary Study and Report and a general opinion of probable construction cost opinion to the Owner.
- 2. Upon receipt of the Preliminary Study and Report and before the Consultant is authorized to proceed with the Preliminary Design Phase, the Owner at its option may designate in writing various construction contracts into which the Project shall be divided, each of which may include one or more of the above listed improvements to be constructed. If the Owner designates various construction contracts into which the Project is to be divided, the Consultant shall thereafter treat each construction contract as a separate Project under this Agreement. Each construction contract shall be separately bid and the Consultant shall prepare separate preliminary design, and final design drawings, specifications, proposal forms, notices to bidders, construction contract documents, and other required documents for each construction contract.
- 3. As identified in the Scope of Work in Attachment "A", the Consultant shall investigate the extent and character of any potential soil or water contamination on the properties identified in the Scope of Work, conduct asbestos investigations, environmental site assessments, and provide other environmental engineering services as required and authorized. Services not included in the original scope of work shall be considered Additional Services. The Consultant shall perform such professional services as may be necessary to accomplish the work required to be performed under this Agreement, in accordance with this Agreement, applicable Texas Commission on Environmental Quality and Texas Department of State Health Services Regulations, and any and all applicable state, federal and local laws. The Consultant shall develop an Investigation Plan for the identified properties. Upon approval of the Investigation Plan by the City, the City shall arrange to issue a Notice to Proceed for the Consultant to proceed in relation to an identified property.

PHASE I - PRELIMINARY DESIGN PHASE

The Consultant shall do the following:

- 1. Consult with the Owner to determine the Owner's requirements for the Project.
- 2. Provide at the Consultant's sole expense right-of-way surveys, boundary surveys, topographic surveys, drainage surveys, and soil investigations as needed to design the Project and as required by the Scope of Work of the Agreement; obtain all available information from all utility companies and other affected agencies including, but not limited to, the Texas Department of Transportation and the U.S. Department of Interior,

Bureau of Reclamation, as needed to complete the proper design. This does not, however, include property surveys and legal descriptions as needed to acquire additional right-of-way or additional property.

- 3. Obtain all available horizontal and vertical locations of public utilities, and fully coordinate design of the Project with public utilities in an effort to minimize relocation of utilities as much as possible.
- 4. Make drawings from field measurements of existing construction when required for planning additions or alterations thereto.
- 5. Provide consultation and advice as to the necessity of providing or obtaining other services such as the types described herein, and act as the Owner's representative in connection with any such services, and if concurred with and authorized by the Owner, provide, procure, or assist in procuring such Additional Services.
- 6. Review with the Owner alternative approaches in regard to the construction of the Project. The Owner at its option may designate in writing various construction contracts into which the Project shall be divided. The Consultant may request additional reasonable compensation if the Owner designates various construction contracts into which the Project is to be divided. The Consultant shall thereafter treat each construction contract as a separate Project under this Agreement. Each construction contract shall be separately bid and the Consultant shall prepare separate preliminary design, pre-final design, and final design specifications, proposal forms, notices to bidders, construction contract documents, and other required documents for each construction contract.
- 7. Prepare for approval by the Owner preliminary design documents consisting of evaluation of existing structural report, design criteria, drawings, and outline specifications to develop, and establish the scope of each construction contract.
- 8. Prepare a detailed opinion of probable construction costs for each construction contract containing the main construction components, based on the information given in the preliminary design documents.
- 9. As per Attachment "D", furnish copies of the above preliminary design documents and opinion of probable construction costs for each construction contract. If the above preliminary design documents are not approved by the Owner, the Consultant shall furnish copies of the resubmitted preliminary design documents at no additional cost to the Owner.

PHASE II - PRE-FINAL DESIGN PHASE

The Consultant shall do the following separately:

1. Prepare required documents and assist the Owner in obtaining approval of such governmental authorities as may have jurisdiction over the design criteria applicable to each construction contract. The Consultant's assistance in obtaining such approvals shall include participation in submissions to and negotiations with the appropriate authorities.

The Consultant shall be fully responsible for coordination with all utility companies to resolve conflicts pertaining to location of utility lines and shall exercise customary and usual professional care for obtaining utility clearances. Since some utility locations may not be recorded or mapped, additional efforts to locate utilities maybe required as an additional service upon written approval of the Owner.

- 2. On the basis of the approved preliminary design documents and subject to approval of design criteria, prepare for incorporation in the construction contract documents detailed drawings and plans, hereinafter called the "Drawings," to show the character and scope of the work to be performed by construction contractors on each construction contract, instructions to bidders, general conditions, special conditions, and technical provisions, hereinafter called "Specifications." These plans shall include the required cross sections from actual fieldwork for estimated earthwork quantities.
- 3. Advise the Owner of any adjustment to the Consultant's previous opinion of probable construction costs for each construction contract caused by changes in scope, design requirements, general market conditions, or construction costs and furnish a revised opinion of probable construction costs, based on the completed Drawings and Specifications. The Consultant expressly authorizes any person designated by the Owner to review at any time prior to the Bidding Phase any opinion of probable construction costs made by the Consultant. The Consultant agrees to cooperate fully in such review, and shall furnish the access to all pertinent information upon which the Consultant's cost opinions were based. In addition, detailed estimates to include orderly presented takeoff sheets, summary and main summary sheets are to be provided to the Owner. Nothing in this provision shall be construed as limiting or waiving the right of the Owner to obtain such information at any other time, or as relieving the Consultant of the responsibility of preparing opinions of probable construction costs. The Owner understands that the Consultant has no control over the cost of availability of labor, equipment, market conditions, or the contractor's method of pricing and that the Consultant's opinion of probable construction costs are made on the basis of professional judgment and experience. The Consultant makes no warranty that the bids will not vary from the opinion of probable construction costs.
- 4. Prepare proposal forms.
- 5. As per Attachment "D", furnish to the Owner copies of the Drawings for review by the Owner, other governmental authorities, and the public utilities. If the Drawings are not approved by the Owner, the Consultant shall furnish copies of the resubmitted Drawings at no additional cost to the Owner. Furnish to the Owner copies of the Specifications and copies of the design analysis showing all engineering calculations for review by the Owner, other governmental authorities who may have jurisdiction over each construction contract, and the public utilities.

PHASE III - FINAL DESIGN PHASE

The Consultant shall do the following:

- Incorporate changes requested by the Owner and other governmental authorities after review of pre-final design documents and perform redesign necessitated by public utility conflicts.
- 2. Coordinate closely with utility companies during the Preliminary Design and Pre-Final Design Phases. The amount of redesign necessary to accommodate utility company comments on the pre-final design drawings is expected to be in proportion to the effectiveness of that coordination and is to be performed by the Consultant as part of the Final Design Phase of this Agreement. The Consultant shall obtain written utility clearance from all utility companies affected by the scope of this Project as part of the Final Design Phase of this Agreement.
- 3. Submit to the Texas Department of Licensing and Regulation, or a State Certified ADA consultant, a set of Final Design Drawings for ADA review and approval.
- 4. As per Attachment "D", furnish to the Owner copies of final design Drawings and Specifications for review and approval prior to the reproduction for bidding purposes.
- 5. As per Attachment "D", furnish to the Owner copies of the Drawings and Specifications in final approved form for bidding purposes for each construction contract.
- 6. Additional copies of the drawings and specifications beyond those identified in Attachment "D", required for public utilities and other agencies, will be provided by the Consultant as an Additional Service.

BIDDING PHASE

Upon receipt of Owner's written request, the Consultant shall provide any of the following services during the Bidding Phase:

- 1. Assist the Owner in the determination of the bidding period and bid date and provide necessary data for preparation of the notice to bidders by the Owner as required for advertising purposes.
- 2. Assist the Owner in responding to all questions from prospective bidders concerning the Drawings and Specifications.
- 3. Attend a pre-bid conference, if any, to explain the Project and to answer questions regarding the Project.
- 4. Prepare addenda to the Drawings and Specifications as may be required during the advertising period. Any addenda issued shall be approved by all agencies having approval

- authority over the Drawings and Specifications. As per Attachment "D", deliver copies of all addenda to the Owner for appropriate action.
- As identified in Attachment "A", assist the Owner in evaluating bids, including obtaining and providing to the Owner reasonably available information as to the quality, ability, and performance record of the three lowest responsible bidders or assist the Owner in rating all bidders using Best Value Evaluation Criteria provided by the Owner, including obtaining and providing to the Owner reasonably available information as to the quality, ability, and performance record of the bidders. If Best Value Evaluation Criteria are required after the consulting fees have been negotiated and accepted, Consultant may request Additional Services fees.
- 6. Advise the Owner concerning the acceptability of subcontractors and other persons and organizations proposed by the general construction contractor for those portions of the work for which such acceptability is required by the construction contract documents.

CONSTRUCTION PHASE: NOT APPLICABLE

At Owner's request, the Consultant shall provide any of the following services associated with the Construction Phase:

- 1. Attend the pre-construction conference to assist the Owner in responding to all questions from the construction contractor.
- 2. Advise and consult with the Owner and act as the Owner's representative as provided in the general conditions of the Agreement included in the construction contract. Such general conditions shall be the Owner's standard general conditions for construction projects, with such changes and modifications as may be made in such general conditions being agreed to by both the Consultant and the Owner.
- 3. Unless otherwise stipulated in Attachment "A", Scope of Services, the Consultant will stake one set of control stakes for the construction contractor.
- 4. Visit each construction site at least once each week or more frequently, if necessary, to observe the progress and quality of the executed work and to determine if such work meets the essential performance and design features and the technical and functional requirements of the construction contract documents. The Consultant shall provide the Owner with typed or printed field notes for each construction site visit. On the basis of these on-site observations, the Consultant shall endeavor to guard the Owner against apparent defects and deficiencies in the permanent work constructed by the construction contractor. The Consultant shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the work, and shall not be responsible for the construction means, methods, techniques, sequences, or procedures, or the safety precautions incident thereto. The Consultant's efforts shall be directed toward providing assurance for the Owner that each completed construction contract shall conform to the engineering requirements of the construction contract documents. However, the Consultant shall not be responsible for the construction contractor's failure to perform the construction work in accordance with the construction contract documents.

Nothing in this Agreement shall be construed as requiring the Consultant to assume responsibility for or to guarantee the complete adherence of the construction contractor to the Drawings and Specifications and the construction contract documents.

- 5. Review shop drawings diagrams, illustrations, brochures, catalog data, schedules, and samples, the results of tests and inspections and other data which the construction contractor is required to submit, for conformance with the design concept of each construction contract and compliance with the information given in the construction contract documents. Such review must be complete within ten City working days following receipt of submittal documents. The Consultant shall also assemble maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, and other documents that the construction contractor is required to submit in accordance with the construction contract documents.
- 6. Issue the Owner's instructions to the construction contractor when required to do so, prepare routine change orders to include independent detailed opinion of probable construction cost for the Owner's approval as required after securing approval of all agencies having approval authority over each construction contract. The Consultant shall require, as the Owner's representative and subject to the written concurrence by the Owner, special inspection or testing of the work, whether or not fabricated, installed, or completed and shall act as interpreter of the terms and conditions of the construction contract documents, subject to the Owner's interpretation of such terms and conditions. If the Owner authorizes such testing, it shall be addressed under the provisions of Additional Services of the Consultant.
- Passed on the Consultant's on-site observations as an experienced and qualified design professional and on review of the construction contractor's applications for payment and supporting data, determine the amount owing to the construction contractor and recommend in writing payment to the construction contractor in such amounts; such recommendation of payment to constitute a representation to the Owner, based on such observations and review, that the work has progressed to the point indicated and that, to the best of the Consultant's knowledge, information and belief, the quality of the work is in accordance with the construction contract documents, subject to an evaluation of the work as a functioning project upon substantial completion, to the results of any subsequent tests called for in the construction contract documents and to any qualifications stated in his approval. By recommending an application for payment, the Consultant shall not be deemed to have represented that the Consultant has made any examination to determine how or for what purposes the construction contractor has used the monies paid on account of each construction contract price.
- 8. Conduct with the Owner and construction contractor no more than two brief preliminary inspections, at times requested by the construction contractor to determine if the Project is ready for final inspection.
- 9. Schedule and conduct with the Owner, including representative of the City Engineer and the user department, the State ADA inspector or State certified ADA consultant, and the

construction contractor, a final inspection of the Project and prepare and publish a "punch list" of minor deficiencies to be corrected prior to final payment to the construction contractor. The "punch list" shall be furnished to the construction contractor and the Owner within two City working days after the final inspection.

- 10. Issue a "Certificate of Substantial Completion" using EJCDC document 1910-8-D (1983 version) when the final inspection reveals that the Project is substantially complete and fully usable for its intended purpose with only minor deficiencies to be corrected. The certificate shall be issued within two City working days after the final inspection.
- 11. Monitor and verify proper correction of all punch list deficiencies. Notify the Owner in writing when all deficiencies have been corrected, and when warranty, maintenance, and operating instructions and other documents have been submitted by the construction contractor. Act on and forward the construction contractor's final invoice for payment.
- 12. Furnish the Owner one set of reproducible (D format) "record" drawings on Mylar showing changes made during the construction process, based on the marked-up prints, drawings, and other data furnished by the construction contractor to the Consultant. Also provide project documents in acceptable electronic media format
- 13. Make written recommendations to the Owner on all claims relating to the execution and progress of the construction work.
- 14. Notify the Owner of all permanent work which does not conform to the result required in each construction contract; prepare a written report describing any apparent nonconforming permanent work, and make recommendations to the Owner for its correction and, at the Owner's request, have recommendations implemented by the construction contractor.
- 15. Furnish property surveys and legal descriptions as needed to acquire additional right-of-way or additional property.
- 16. Revise previously approved studies, reports, design documents, drawings, or specifications, except when said revisions are required as a result of errors, negligence, or other fault on the part of the Consultant.
- 17. Prepare documents for alternate bids requested by the Owner for construction work for which bids have not been awarded.
- 18. If Best Value Evaluation Criteria are required after the Consulting fees have been negotiated and accepted, the Consultant may request Additional Service fees.
- 19. Prepare detailed renderings, exhibits, or scale models for the Project, except as otherwise required herein.
- 20. Furnish additional tests and inspections, in excess of those required herein during the Construction Phase.

- 21. Prepare change orders requiring additional significant design changes not provided for in the Agreement, requested by the Owner.
- 22. Inspect each construction contract site prior to expiration of the guarantee period and report, in written form, observed discrepancies under guarantees provided by the construction contractor.
- 23. Provide additional or extended services during construction made necessary by: a) work damaged by fire or other cause during construction; b) prolongation of the construction contract time by more than twenty-five percent provided that such prolongation is not caused by errors, negligence, or other fault on the part of the Consultant; c) Acceleration of the work schedule involving services beyond normal city working hours; or d) the construction contractor's default under the construction contract due to delinquency or insolvency.
- 24. Provide extensive assistance in the initial start-up and test operation of equipment or devices and the preparation of manuals of operation and maintenance.
- 25. Serve as an expert witness for the Owner in any litigation or other proceeding involving the Project.

ADDITIONAL SERVICES OF THE CONSULTANT

GENERAL

If authorized in writing by the Owner, through written amendment, the Consultant shall perform or obtain Additional Services noted below, which are not covered within the Agreement. No claim for Additional Services or cost shall be allowed unless the same was done pursuant to a written authorization dated prior to the Additional Services or cost and which was authorized pursuant to the policies and procedures of the Owner (i.e., passage by City Council). The Owner shall pay for such Additional Services as indicated in the Agreement.

- 1. Furnish core borings, probings, and hydrographic surveys; laboratory testing; inspection of samples or materials; and other special consultations.
- 2. Provide Additional Services due to significant changes in the general scope of the Project or its design including, but not limited to, changes in size, complexity, or character of construction if the changes are inconsistent with approvals or instructions previously given by the Owner including revisions made necessary by adjustments in the Owner's scope or budget, except where the Consultant's preliminary study and report, preliminary design, pre-final design, or final design cost opinions exceed the budgeted amount, or in the case where all responsible bids exceed the Consultant's final design cost opinions by ten percent or more.
- 3. Furnish additional copies of studies, reports, and additional prints of Drawings and Specifications in excess of those required herein.

- 4. Provide investigations involving detailed consideration of operation, maintenance, and overhead expenses as well as the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals and valuations, detailed quantity surveys of material or labor.
- 5. Provide Additional Services in connection with the Project not otherwise provided for in this Agreement, except where those services are required as a result of negligence or other fault on the part of the Consultant.

RESIDENT PROJECT SERVICES

- 1. If directed in writing by the Owner, one or more full-time Resident Project Representatives shall be furnished and directed by the Consultant in order to provide more extensive representation at each construction site during the Construction Phase. Such resident project representation shall be paid for by the Owner.
- 2. The duties and responsibilities and the limitations on the authority of the Resident Project Representative shall be as set forth in writing by the City Engineer before such services begin.
- 3. Through the continuous on-site observations of the work in progress and field checks of materials and equipment by the Resident Project Representative, the Consultant shall endeavor to provide further protection for the Owner against defects and deficiencies in the work of the construction contractors, but the furnishings of such resident project representation shall not make the Consultant responsible for the construction contractor's failure to perform the construction work in accordance with the construction contract documents.

ATTACHMENT "D" PAYMENT SCHEDULE

For the as "RECREATIONAL FACILITY LOWER BEAUMONT PROPERTY - FT. BLISS", hereinafter referred to as the Project, the Owner will compensate the Consultant an amount not to exceed SIX HUNDRED FIFTY THOUSAND NINE HUNDRED THIRTEEN AND 39/100 DOLLARS (\$650,913.39) for all Basic Services and reimbursables noted within the Agreement and its attachments.

PAYMENT SCHEDULE

Basic services for design shall include the phases listed below at the fixed fee shown for each phase. The remainder of the fixed contract amount, if any, shall consist of the estimate for the time and materials for the bidding phase and construction phase.

Lump Sum Payment to Consultant

Report/Concept Phase	\$163,947.43
Preliminary Design (30% Design)	\$171,187.36
Pre Final Design (60% Design)	\$158,064.85
Final Design (90% Design)	\$130,199.60
Bidding	\$27,514.16
Construction	\$ Not Applicable

Time and materials shall be billed to Owner by Consultant pursuant to the schedule provided in the consultant's proposal found in **Attachment "B"**. The time shown in **Attachment "B"** is an estimate. Should the services rendered during the construction phase exceed the estimated amount, written authorization will be required prior to rendering service. Written authorization shall be only by contract amendment in accordance with the contract provisions and applicable law.

The Owner shall make payments upon presentation of the Consultant's detailed Invoice and accompanying Summary and Progress Report and the Owner's written approval.

The invoice must clearly identify each employee name, title, hours worked, date of performance, task or project description, rate per hours and/or cost, and office/company location.

Reimbursable Costs: Efforts must be made to secure a *reasonable* and/or lowest rate available in the marketplace.

Receipts: Legible itemized receipts are required for the following: 1. Meals 2. Hotel (lodging) costs. 3. Airfare travel costs. 4. Parking costs. 5. Automobile or Equipment Rental costs. 6. Taxi, Limousine, Bus, Subway, or other travel costs. 7. Reproduction. 8. Shipping and Handling. 9.

BROCK & BUSTILLOS INC. PROJECT BUDGET SUMMARY SHEET

PROJECT NAME:	Recreational Facility	y at L	ower Beaumon	t Property	Improvements
PROPOSAL NUMBER:	2019-1103-REV4				
REVISION DATE:	12/18/2019				
DESIGN FEE TYPE:	Lump Sum				
PREPARED BY:	Roman Bustillos, PE.	CNU	I-A		
PROJECT MGR:	Roman Bustillos, PE,				
1 - CONCEPT LAYOUT DESIGN PHASE	Norman Dustinos, F.E.	0111			
8&B ENG LABOR:		\$	40,819.00		
B&B SURV LABOR:		\$	40,010.00		
SUB-CONSULTANTS:		\$	114,994.62		
CONCEPT DESIGN DIRECT EXPENSES:		\$	4,337.01		
DIRECT COSTS MARKUP:	8.0%		346.96		
SUBCONSULTANT MARKUP:	3.0%		3,449.84		
	NCEPT LAYOUT FEE:		0,110.01		163,947.43
2 - PRELIMINARY DESIGN PHASE	HOLI I ENIOUTIEE.			A CONTRACTOR OF THE PARTY OF TH	100,000
B&B ENG LABOR:		\$	66,228.00		
B&B SURV LABOR:		S	-		
SUB-CONSULTANTS:		\$	98,971.94		
FINAL DESIGN DIRECT EXPENSES:		\$	2,794.68		
DIRECT COSTS MARKUP:	8.0%	-	223.57		
SUBCONSULTANT MARKUP:	3.0%	110	2.969.16		
occomocinati magneti.	DESIGN FEE:	_	2,000,10	\$	171,187.36
3 - PRE-FINAL DESIGN PHASE	02010111221				
B&B ENG LABOR:		s	58,583.00		
B&B SURV LABOR:		s	-		
SUB-CONSULTANTS:		\$	94,152.18		
FINAL DESIGN DIRECT EXPENSES:		5	2.319.55		
DIRECT COSTS MARKUP:	8.0%	-	185.56		
SUBCONSULTANT MARKUP:	3.0%		2.824.57		
	DESIGN FEE:			\$	158,064.85
4 - FINAL DESIGN PHASE					
B&B ENG LABOR:		S	40.956.00		
B&B SURV LABOR:		S	10,555.55		
SUB-CONSULTANTS:		\$	81,607.54		
FINAL DESIGN DIRECT EXPENSES:		\$	4,803.55		
DIRECT COSTS MARKUP:	8.0%		384.28		
SUBCONSULTANT MARKUP:	3.0%		2,448.23		
OODOOMOGENTIN MARKON.	DESIGN FEE:	*	2,710.20	\$	130,199.60
5 - BID PHASE	0201011122			*	
B&B ENG LABOR:		\$	4,790.00		
SUB-CONSULTANTS:		S	13,947.71		
BID PHASE DIRECT EXPENSES:		\$	7,738.91		
DIRECT COSTS MARKUP:	8.0%	\$	619.11		
SUBCONSULTANT MARKUP:	3.0%	\$	418.43		
	BIDDING COSTS:			5	27,514.16
6 - CONSTRUCTION PHASE					
B&B ENG LABOR:		S			
B&B SURV LABOR:		\$	-		
SUB-CONSULTANTS:		\$			
CONST. PHASE DIRECT EXPENSES:		\$			
DIRECT COSTS MARKUP:	8.0%	S			
SUBCONSULTANT MARKUP:	3.0%	\$			
CO	NSTRUCTION COSTS:			\$	
TOTAL SUBCONSULTANT'S FEES:					
MEP	RBM Engineering, Inc			\$	37,363.00
Geotechnical Engineer	CQC Testing and En			\$	27,400.00
Subsurface Utility Engineering	Cobb Fendley & Asso	ociate	s, Inc.	\$	33,260.00
Landscape Architecture & Irrigation	Sites Southwest			\$	125,890.20
ADA/RAS Consultant	Lattice Blue			\$	8,656.88
Architecture	Exigo			\$	44,157.93
Traffic Engineering	Lee Engineering Inc.			\$	107,745.96
Structural Engineering	HKN Engineers			\$	19,200.00 403,673.97
B&B DESIGN LABOR FE				\$	233,672.9
B&B SURVEY LABOR FE				\$	
SUBCONSULTANT'S DESIGN LABOR FEE				\$	389,726.2
BID LABOR COST	S			\$	27,514.16
CONSTRUCTION ADMIN LABOR COST	S			\$	
		_		\$	650,913.39

BROCK & BUSTILLOS INC. PROJECT BUDGET OVERALL DETAIL SHEET

												-		
BAB CONCEPT LAYOUT DESIGN PHASE LABOR	EST. HOURS	HOURLY RATE	COST	TOTAL	3. SSS PRE-FINAL DESIGN PHASE LABOR	EST. HOURS	HOURLY MATE	COST	TOTAL	5. 848 BIO PHASE LABOR	EST. HOURS	HOURLY RATE	COST	TOTAL
Principal Engineer	4.0	\$208.00	\$ 832.00		Principal Engineer	6.0	\$208.00	\$ 1,248.00		Principal Engineer Project Manager	0.0	\$208.00	\$ 990.00	
Project Manager	29 0	\$165.00	\$ 4,785.00		Project Manager	39.0	\$165.00	\$ 8,435.00		Project Engineer	16.0		\$ 2,240.00	
Project Engineer	91.0	\$140.00	\$ 12,740.00		Project Engineer	121.0	\$140.00	\$ 18,940.00 \$ 10,248.00		Senior Civil Designer	0.0			
Senior Civil Designer	54.0	\$122.00	\$ 6,588.00		Senior Civil Designer	84.0	\$122.00		-	Engineering Design Technician	0.0	00.688	5	
Engineering Design Technicism	16.0	\$89.00	\$ 1,424.00		Engineering Design Technicien	103.0	\$89.00	\$ 9,167.00		Engineering CAD Draftsmen	0.0		5	Salar manifestation
Engineering CAD Draftsman	186.0	\$70.00	\$ 13,020.00		Engineering CAD Draftsman	192.0	\$70.00	\$ 13,440.00		Resident Project Representative (RPR)	00			
Resident Project Represidive (RPR)	0.0	\$108.00	\$.		Resident Project Represtative (RPR)	0.0	\$106.00	\$.		Admin	241		\$ 1,560,00	
Admin	22.0	965.00	\$ 1,430.00	and the second	Admin	17.0	\$65.00	\$ 1,105.00	\$58.583.00	TOTAL HOURS DESIGN	461			\$4.
TOTAL HOURS DESIGN	402.0			\$40,819,00	TOTAL HOURS DESIGN	562.0			\$58,583.00	BAB SURVEY LABOR				100
B SURVEY LABOR	2112	100000000000000000000000000000000000000	A 15 Feb.	Name and Address of the Owner, where	B&B SURVEY LABOR					Principal Engineer		\$208.00	5 .	BELLY T
Principal Engineer	0.0	\$200.00	\$ -	1 - 4	Principal Engineer	0.0	\$298.90			Project Manager		\$165.00	\$	-
Project Manager	0.0	\$105.00	\$	and the second	Project Manager	0.0	\$165.00	\$	-	Project Engineer		\$140.00	1	A 15-5
Project Engineer	0.0	\$140.00	5 .		Project Engineer	0.0	\$140.00	3		Senior Survey Manager/R.P.L.S.		\$190.96	5 -	
Senior Survey Manager R.P.L.S.	0.0	\$190.96	\$ -	The second second	Senior Survey Manager/R.P.L.S.	0.0	\$190.00	3	-	Surveyor/R P.L.S.	-	\$157.00	\$.	1
Surveyor® P.L.S.	0.0	\$157.00	\$		SurveyoriR P.L.S.	0.0	\$157.00		-	SURVEY CREW - 2MC		\$158.20	1	
SURVEY CREW - 2MC	00	\$158.20	\$.		SURVEY CREW - 2MC	0.0	\$158.20	5		Service Surveying Technicien		\$120.00	1 .	0
Senior Surveying Technician	0.0	\$120.00	5 .		Senior Surveying Technician	0.0	\$120.00	3	-	Senior Surveying CAD Draftsman	the state of the s	\$101.47	\$	
Service Surveying CAD Draffsmen	0.0	\$101.47	5		Senior Surveying CAD Draftsman	0.0	\$101.47	3 .		Surveying CAD Draftsmen		\$76.37		
Surveying CAD Draftsman	0.0	\$76.37	3 .	The state of the s	Surveying CAD Draftsman	0.0	\$76.37	3 -		Admin Admin		\$66.00	\$	
Admin	0.0	\$ 65.00	8	- 100	Admin	0.0	\$65.00	*	\$0.00	TOTAL HOURS SURVEY	0	0	\$0	
TOTAL HOURS SURVEY	0.0	the same and the same		\$0.00	TOTAL HOURS SURVEY	0.0		\$0	40.00	SUB-CONSULTANT FEE	SUBCONSULTANT FIRE	M. Commission of the Commissio	SUB-TOTAL	TOTAL
-CONSULTANT FEE	BUSCONBULTART FIRM		BUB-TOTAL	TOTAL	SUB-CONSULTANT BIO PHASE FEE	SUBCONSULTANT FIRM			TOTAL				\$ 1,026.00	
Mechanical Electrical-Plumbing (MEP) Engineer			\$ 1,262.00		Mechanical-Electrical-Plumbing (MEP) Engineer	RBM Engineering, Inc.		\$ 10,260.00		Mechanical-Electrical-Plumbing (MEP) Engineer	Rijisi Engineering, Inc.	urine LLC	\$ 1,020.00	
Gentenhoirel Engineer	CQC Testing and Engineer	im LLC	\$ 27,400.00		Geolechnical Engineer	CQC Testing and Engineer	ring, L.L.C.	\$.		Geolechnical Engineer	CQC Tealing and Engine	ter Inc		-
Subsurfaça i Milita Fromserion	Cobb Ferdley & Associates	, Inc.	\$ 33,200.00		Subsurface Utiley Engineering	Cobb Fendley & Associate	s. Inc.	\$ -		Subsurface Utility Engineering	Sites Southwest		\$ 4,292.10	
Subsurface Utility Engineering Landscape Architectecture & Irrigator	Sites Southwest		\$ 1,256.85		Landscape Architectecture & Irrigation ADA/RAS Consultant	Sites Southwest		\$ 35,572.28		Landecape Architectecture & Irrigetion ADA/RAS Consultant			\$ 2,118.13	
ADARAS Consulan	(Latice Dive		3		ADA/RAS Consultant	Lattice Blue		\$ 1,881,00		Architecture			\$ 3,607.93	111111
Architecture	Enigo		\$ 8,078.60		Architecture			\$ 19,843,63			Lee Engineering Inc.	-	\$ 1,945.66	
Traffic Engineering	Enigo Lee Engineering Inc.		\$ 42,757.17			Les Engineering Inc.				Structural Engineering	HKN Engineers		\$ 950.00	
Structural Engineering	HICN Engineers		\$ 960.00		Structural Engineering	HKN Engineers		\$ 7,580.00		Oll October Engineering				
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		T	5,000	\$155,813.82					\$152,735.18		the state of the s			
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	EST, HOURS	HOURLY RATE	COST	\$155,813.82 TOTAL	4 BAB FINAL DESIGN PHASE LABOR Principal Engineer	EST. HOURS	HOURLY RATE	\$ 1,248.00		Principal Engineer	EST. HOURS	\$208.00	COST	тот
Principal Engine	10.0	\$208.00	\$ 2,080.00		Principal Engineer	EST. HOURS		\$ 1,248.00		Principal Engineer Project Manager	0	\$208.00 0.0 \$165.00	\$:	
Principal Englow Project Menuge	10.0	\$208.00 \$165.00	\$ 2,080.00 \$ 9,240.00		Principal Enginee Project Manage	6.0	\$208.00	\$ 1,248.00 \$ 4,455.00		Principal Engineer Project Manager Project Engineer	0	\$208.00 0.0 \$165.00 0.0 \$140.00	\$:	
Project Manage Project Enginee	10.0 H 56.0 H 144.0	\$208.00 \$165.00 \$140.00	\$ 2,080.00 \$ 9,240.00 \$ 20,180.00		Principal Enginee Project Manage Project Enginee	27.0	\$208.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00		Principal Engineer Project Manager Project Engineer Senior Civil Designer	0	0.0 \$208.00 0.0 \$165.00 0.0 \$140.00 0.0 \$122.00	\$:	
Principal Englise Project Manage Project Englise Senior CHI Dealpon	10.0 11 56.0 14 144.0 14 84.0	\$208.00 \$165.00 \$140.00 \$122.00	\$ 2,080.00 \$ 9,240.00 \$ 20,190.00 \$ 10,248.00		Principal Enginee Project Manage Project Enginee Senior Chil Designe	5.0 27.0 86.0	\$208.00 \$185.00 \$140.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00		Principal Enginee Project Manage Project Enginee Senior Civil Design Engineering Design Techniciar	0 0	\$208.00 \$165.00 \$165.00 \$140.00 \$122.00 \$0.0 \$122.00	\$:	
Principal Englise Project Menseye Project Englise Project Englise Senior CHJ Deslipe Englisetre Deslipe	10.0 1 56.0 144.0 144.0 150.0	\$208.00 \$165.00 \$140.00 \$122.00 \$880.00	\$ 2,080.00 \$ 9,240.00 \$ 20,190.00 \$ 10,248.00 \$ 4,450.00		Principal Enginee Project Manage Project Enginee Senior Chil Designe Engineering Design Technicis	6.0 27.0 86.0 74.0	\$208.00 \$165.00 \$140.00 \$122.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00		Principal Engineer Project Manager Project Manager Project Engineer Senior Civil Designe Engineering Design Technician Engineering ADD Draftsmar	0 0 0	\$208.00 9.0 \$165.00 1.0 \$140.00 0.0 \$122.00 0.0 \$89.00 0.0 \$70.00	\$:	
Principal Englase Project Normage Project Englase Project Englase Senior Civi Dealgne Englasering Dealgn Technicia Englasering Dealgn Technicia Englasering CAD Dratisma	10.0 10.0	\$206.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00	\$ 2,080.00 \$ 9,240.00 \$ 20,180.00 \$ 10,248.00 \$ 4,450.00 \$ 16,800.00		Principal Enginee Project Minages Project Enginee Project Carl Design Senior CH I Design Engineering Design Technicis Engineering CAD Datherna	6.0 27.1 86.1 74.1 85.1	\$208.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00		Principal Enginee Project Manage Project Enginee Senior Civil Design Engineering Design Techniciar	000000000000000000000000000000000000000	\$208.00 \$165.00 \$165.00 \$140.00 \$122.00 \$60 \$70.00 \$100 \$100.00	\$ - \$ - \$ - \$ - \$ - \$ -	
Principal English Proport Manage Proport Manage Proport English Sentor VIV Deslighe Englishering Desligh Technicia Englishering QAO Drailleme Reductor Proport Represented to	10 0 55 0 144.0 155 0 15	\$206.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00	\$ 2,080.00 \$ 9,240.00 \$ 20,160.00 \$ 10,248.00 \$ 4,450.00 \$ 15,800.00		Principal Enginee Project Manage Project Enginee Senior Chil Designe Engineering Design Technicis	60 271 861 741 651	\$208.00 \$185.00 \$140.00 \$122.00 \$88.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00		Principal Engineer Project Manage Project Manage Project Engineer Senior Drill Designe Engineering Design Sechiosis Engineering CAD Draftsmar Resistent Project Representing CAD Andrews Admin	000000000000000000000000000000000000000	\$208.00 \$165.00 \$165.00 \$140.00 \$122.00 \$0.0 \$122.00 \$0.0 \$59.00 \$0.0 \$108.00 \$0.0 \$108.00 \$0.0 \$108.00	\$ - \$ - \$ - \$ - \$ - \$ -	
Principal Engine Principal Engine Principal Menage Principal Menage Principal Engine Senior Cyl Designe Engineuring Design Technicial Engineuring Design Technicial Engineuring CAD Drailleame Resident Project Represident	10.0 mm	\$200.00 \$165.00 \$149.00 \$122.00 \$88.00 \$70.00 \$108.00	\$ 2,080.00 \$ 9,240.00 \$ 20,160.00 \$ 10,248.00 \$ 4,450.00 \$ 15,800.00	TOTAL	Principal Enginee Project Manage Project Enginee Project Enginee Senior Divid Designe Engineering Design Technicis Engineering CAD Distlates Resident Project Representing of RPR Advisor	61 271 66.1 741 65.1 1074 0.1	\$208.00 \$185.00 \$140.00 \$122.00 \$88.00 \$70.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00		Principal Engenee Projond Renger Projond Renger Projond Enginee Senior Civil Designo Engineering Design Technicist Engineering CAD Dutlaman Resident Projon Repressions (RPR	000000000000000000000000000000000000000	\$208.00 \$165.00 \$165.00 \$140.00 \$122.00 \$60 \$70.00 \$100 \$100.00	\$ - \$ - \$ - \$ - \$ - \$ -	
Principal English Project Menage Project Menage Project Menage Project English Senior CHJ Dealgon Englowaring Design Technicia Englowaring Design Technicia Englowaring Design Technicia Englowaring CHJ Deallarine Resident Project Representative CHJ Resident Project Representative CHJ TOTAL HOURS DESIGN	10.0 mm	\$200.00 \$165.00 \$149.00 \$122.00 \$88.00 \$70.00 \$108.00	\$ 2,080.00 \$ 9,240.00 \$ 20,160.00 \$ 10,248.00 \$ 4,450.00 \$ 15,800.00		Principal Enginee Project Manage Project Manage Project Segme Segment Chil Designe Segment Chil Designe Engineering CAID Unitariae Residner Project Represellative (RP) Adrea TOTAL HOURS DESIGN	60 27.5 86.6 74.5 65.6 107.7	\$208.00 \$185.00 \$140.00 \$122.00 \$88.00 \$70.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00	TOTAL	Principal Engineer Propost Manages Propost Manages Propost Manages Propost Conference Forence Cord Designe Engineering Design Technicists Engineering CAD Disforman Resident Project Represides (RPR TOTAL HOURS DESIGN BAS SUNVEY LABOR	000000000000000000000000000000000000000	00 \$206.00 \$165.00 10 \$140.00 00 \$122.00 00 \$70.00 \$70.00 \$65.00	\$ - \$ - \$ - \$ - \$ - \$ -	
Principal Engine Principal Engine Principal Engine Principal Engine Senior Chi Designe Engineering Design Technism Engineering Design Technism Resident Project Representative (PR) Address TOTAL HOURS DESIGN	10.0 95.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	\$200.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00 \$106.00 \$465.00	\$ 2,000.00 \$ 9,240.00 \$ 20,190.00 \$ 10,248.00 \$ 4,450.00 \$ 16,800.00 \$ 3,250.00	TOTAL	Principal Enginee Project Manage Project Manage Project Enginee Project Enginee Engineering Design Technicist Engineering Design Technicist Engineering (ADD Dristorum Resideering (ADD Dristorum Resideering Project Represiderin (RPR TOTAL HOURS DE SIGN 888 S SINVEY LABOR	61 271 66.1 741 65.1 1074 0.1	\$206.00 \$165.00 \$145.00 \$142.00 \$122.00 \$88.00 \$70.00 \$106.00 \$85.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00 \$ 910.00	TOTAL	Principal Engineer Pringed Manager Pringed Manager Pringed Enginee Pringed Manager Pringed Manager Pringed Manager Pringed Manager Engineering Deskgis Technicias Engineering CAO Draftsman Resident Pringed Representation (RPM Admir TOTAL HOURS DESIGN BAIR SUNVEY LABOR Principal Enginee	000000000000000000000000000000000000000	00 \$206.00 \$165.00 10 \$140.00 \$122.00 20 \$49.00 570.00 \$108.00 \$108.00 \$108.00 \$206.00 \$206.00	\$ - \$ - \$ - \$ - \$ - \$ -	
Principal Engine Project Menage Project Menage Project Menage Project Engine Sendo Cyll Deliga Enginearing Design Technicis Enginearing Design Technicis Enginearing Design Technicis Enginearing CAO Distance Resident Project Representation Aberia TOTAL HOURS DESIGN TOTAL HOURS DESIGN TOTAL HOURS DESIGN Principal Engine	10.0 56.0 144.0 145.0 14	\$206.00 \$165.00 \$140.00 \$122.00 \$80.00 \$70.00 \$106.00 \$465.00	\$ 2,080.00 \$ 9,240.00 \$ 20,190.00 \$ 10,245.00 \$ 4,450.00 \$ 16,800.00 \$ 3,250.00	TOTAL	Principal Enginee Project Manage Project Manage Project Service Project Manage Project Service Service Ord Designe Service Ord Designe Engineering CAD Ordinaries Resident Project Represeding of ROTA Advis TOTAL HOURS DESIGN BAB SURVEY LABOR Principal Enginee	6 (27 (56 (74) 65 (107 A 14) 379 (\$208.00 \$185.00 \$140.00 \$122.00 \$88.00 \$70.00 \$108.00 \$88.00 \$108.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00 \$ 910.00	TOTAL	Principal Engineer Propost Manages Propost Manages Propost Manages Propost Conference Forence Cord Designe Engineering Design Technicists Engineering CAD Disforman Resident Project Represides (RPR TOTAL HOURS DESIGN BAS SUNVEY LABOR	000000000000000000000000000000000000000	0.0 \$208.00 \$185.00 0.0 \$140.00 0.0 \$140.00 0.0 \$122.00 0.0 \$70.00 \$70.00 \$65.00 \$208.00 \$208.00 \$208.00 \$465.00 \$208.00 \$465.00 \$	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
Principal Engine Project Menage Project Menage Priject College Priject College Priject College Engineering Design Techniste Engineering Design Techniste Engineering CAD Design Representative (APR APR TOTAL HOURS DESIGN Principal Engineer Project Menage Project	10.0 mm	\$208.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00 \$106.00 \$45.00	\$ 2,080.00 \$ 9,240.00 \$ 20,190.00 \$ 10,245.00 \$ 4,450.00 \$ 16,800.00 \$ 3,250.00	TOTAL	Principal Enginee Project Manage Project Manage Project Enginee Project Manage Project Enginee General Unit Dissipal Engineering Design Technicist Engineering CAD Distinction Resident Project Representation (RPR TOTAL HOURS DE SIGN BAS SURVEY LABOR Principal Enginee Project Manage Project M	6.0 27.1 66.4 74.1 65., 107.7 0.0 1.1 1.4 2.79.0	\$206.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00 \$106.00 \$865.00 \$106.00 \$865.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 7,450.00 \$ 7,490.00 \$ 910.00	TOTAL	Principal Engineer Pringed Manager Pringed Manager Pringed Manager Pringed Enginee Feature Chil Designee Engineering Design Technicias Engineering Design Technicias Resident Pringed Representation (RPR Admit TOTAL HOURS DESIGN BASIS SUNVEY LABOR Principal Enginee Pringed Manager Pringed Enginee	000000000000000000000000000000000000000	0.0 \$208.00 9.165.00 0.0 \$140.00 0.0 \$122.00 0.0 \$91.00 0.0 \$70.00 0.0 \$65.00 0.0 \$65.00 0.0 \$108.00 \$108.00 \$108.00 \$108.00 \$108.00 \$108.00 \$108.00 \$108.00 \$108.00 \$108.00	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
Principal Engine Project Menage Project Menage Project Menage Project Engine Sendo villa Deligati Enginearing Design Technicia Enginearing Design Technicia Enginearing Design Technicia Representation (PPP Administration Proposition (PPP Administration PPP Admi	10.0 56 0 56 0 144.0 144	\$206.00 \$145.00 \$149.00 \$122.00 \$70.00 \$106.00 \$45.00 \$150.00 \$150.00 \$150.00 \$150.00	\$ 2,000.00 \$ 9,240.00 \$ 10,246.00 \$ 10,246.00 \$ 16,800.00 \$ 3 \$ 3,250.00	TOTAL	Principal Enginee Project Manage Project Manage Project Manage Project State Fagineer State CV-ID Designee Engineering Design Technicite Engineering CAD Designee Resident Project Represedative (PER) Adva TOTAL HOURS DESIGN Principal Engineer Project Engineer Project Engineer	6 6 1 271	\$206.00 \$165.00 \$140.00 \$122.00 \$88.00 \$70.00 \$106.00 \$865.00 \$106.00 \$865.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 7,450.00 \$ - \$ 910.00	TOTAL	Principal Engineer Project Manager Project Manager Project Manager Project Manager Project Manager Engineering Design Technicias Engineering CAD Drafterum Resident Project Represtative (RPR TOTAL HOURS DESIGN BAB SUNVEY LABOR Principal Enginee Project Manager Project Sergen Senior Survey Manager Project Sergen Senior Survey Manager Project Sergen	000000000000000000000000000000000000000	200 00 3165 00 3165 00 3140 00 3140 00 3120 00 30 \$89 00 370 00 \$108 00 \$208 00 \$185 00	\$ \$	
Principal Engine Principal Engine Principal Engine Principal Engine Senior Chi Designe Engineering Design Technicial Engineering CAD Drilletime Resident Project Representative (RP) Adrin TOTAL HOURS DESIGN Principal Engine Principal Engineering Principal Engineeri	10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	\$200.00 \$165.00 \$140.00 \$122.00 \$105.00 \$105.00 \$105.00 \$165.00 \$165.00 \$165.00 \$165.00 \$165.00	\$ 2,000.00 \$ 9,240.00 \$ 20,190.00 \$ 10,245.00 \$ 4,450.00 \$ 16,800.00 \$ 3,250.00 \$ 3,250.00	TOTAL	Principal Enginee Project Manage Project Manage Project Enginee Project Manage Project Enginee Engineering Design Technicise Engineering CAD Distriction Resident Project Representative (RPR Advan TOTAL HOURS DE SIGN Principal Enginee Project Manage Project Enginee Project Manage Project Enginee	6.6 27 1 27 1 27 1 27 1 27 1 27 1 27 1 27	\$208.00 \$165.00 \$146.00 \$140.00 \$140.00 \$140.00 \$100.00 \$100.00 \$100.00 \$45.00 \$155.00 \$155.00 \$140.00 \$140.00 \$140.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040 \$ 9,028.00 \$ 7,480.00 \$ 7,480.00 \$ 910.00	TOTAL	Principal Engineer Pringed Manager Pringed Manager Pringed Enginee Pringed Manager Pringed Manager Pringed Manager Engineering Ordina Technicias Engineering CAD Chaffarous Resident Pringed Represededre (RPR TOTAL HOURS DESIGN BASIS SUNVEY LABOR Principal Engineer Pringed Engineer Pringed Engineer Senior Survey Manager® P. L. 5 Gerrayon® P. P. L. 5	0 0 0 0 0 0 0	200 50 \$208.00 \$105.00 \$105.00 \$105.00 \$140.00 \$140.00 \$122.00 \$0.0 \$70.00 \$0.0 \$40.00 \$100.00	\$ \$	
Principal Engine Project Menage Project Menage Project Menage Project Engine Serior CH Dollar Serior Engineering Design Technicis Engineering Design Technicis Engineering Design Technicis Engineering CAO Christma Resident Project Representative Activation TOTAL HOURS DESIGN TOTA	10.0 144.0 150.0 144.0 150.0 1	\$200.00 \$165.00 \$140.00 \$122.00 \$170.00 \$100.00 \$100.00 \$100.00 \$100.00 \$145.00 \$145.00 \$140.00 \$100.50 \$100.50 \$100.50	\$ 2,000.00 \$ 9,240.00 \$ 20,100.00 \$ 10,245.00 \$ 4,450.00 \$ 16,800.00 \$ 3,250.00 \$ 5 5 5 \$ 5 5 5	TOTAL	Principal Enginee Project Manage Project Manage Project Manage Project Manage Project Sequence Seasor Un'i Disagence Engineering Dealph Technicite Engineering CAD Disagence Resident Project Represedative (Pitte Adva TOTAL HOURS DE SIGN BOAS SURVEY LABOR Principal Enginee Project Enginee Seasor Devery Managemit P. J. Seasor Deveryor Managemit P. L. Seasor Deveryor Managemit P. J. Seasor Deveryor	6 6 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1	\$208.00 \$165.00 \$140.00 \$140.00 \$122.00 \$370.00 \$108.00 \$385.00 \$385.00 \$385.00 \$385.00 \$108.00 \$108.00 \$108.00 \$108.00 \$109.00 \$140.0	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00 \$ 5 \$ 910.00	TOTAL	Principal Engineer Project Manager Project Manager Project Manager Project Manager Project Manager Engineering Design Technicias Engineering CAD Drafterum Resident Project Represadors (RPR TOTAL HOURS DESIGN BAB SUNVEY LABOR Principal Enginee Project Manager Project Manager Project Manager Senior Survey Man	0 0 0 0 0 0 0	00 \$206.00 \$165.00 \$140.00 \$140.00 \$122.00 \$570.00 \$106.00	\$ \$	
Principal Engine Principal Engine Principal Engine Principal Engine Principal Engine Senior Uni Designe Engineering Design Technicial Engineering Design Technicial Engineering CAD Drilletime Resident Project Representative (RPP) Adres TOTAL HOURS DESIGN Principal Engineer Principal Engineering Principal Eng	10.0 10 10 10 10 10 10 10 10 10 10 10 10 10	\$200.00 \$165.00 \$120.00 \$122.00 \$105.00 \$105.00 \$105.00 \$165.00 \$155.00 \$155.00 \$155.00 \$155.00 \$155.00	\$ 2,000.00 \$ 9,240.00 \$ 20,190.00 \$ 10,248.00 \$ 4,450.00 \$ 16,800.00 \$ 3,250.00 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	TOTAL	Principal Enginee Project Manage Project Manage Project Enginee Project Manage Project Enginee Engineering Design Technicise Engineering CAD Dristmon Resident Project Representative (RPR Adva TOTAL HOURS DESIGN Principal Enginee Project Manage Project Enginee Project Manage Sensor Survey Managent PL 3. Senveyorit PL 3. Serveyorit PL 3. Serveyorit PL 3. SERVEY CREW- 28	6 6 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1	\$208.00 \$165.00 \$146.00 \$140.00 \$140.00 \$140.00 \$100.00 \$100.00 \$100.00 \$45.00 \$155.00 \$155.00 \$140.00 \$140.00 \$140.00	\$ 1,248.00 \$ 4,455.00 \$ 12,040.00 \$ 9,028.00 \$ 5,785.00 \$ 7,490.00 \$	TOTAL	Principal Engineer Pringed Managar Project Managar Project Managar Project Managar Project Managar Project Managar Engineering Deslips Technicias Engineering CAD Deslipson Resident Project Representative (RPR Admit TOTAL HOURS DESIGN BASIS SURVEY LABOR Principal Enginee Project Enginee Senior Survey Managar R P L S SURVEY CREW - 2MI Senior Survey Managar R P L S SURVEY CREW - 2MI Senior Survey Managar R P L S SURVEY CREW - 2MI Senior Surveys Managar R P L S SURVEY CREW - 2MI Senior Surveys Managar R P L S SURVEY CREW - 2MI Senior Surveys Managar R P L S Surveys R P L	0 0 0 0 0 0 0	00 \$206.00 \$165.00 \$165.00 \$165.00 \$165.00 \$172.00 \$172.00 \$172.00 \$172.00 \$170.00	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
Principal Engine Project Menage Project Menage Project Menage Project Engine Sendo CHI Della Engine Engineering Design Technicis Engineering Design Technicis Engineering Design Technicis Repaidem Project Representing Aberia TOTAL HOURS ENGINEERING TOTAL HOURS Engineering Project Menage Project Menage Project Enginee Project Enginee Project Enginee Project Enginee Sentor Servery Menagem® P.P. J. SURVEY CREW - 224 SURVEY CREW - 224 Sentor Surveys Menagem® P.P. J. SURVEY CREW - 224 Sentor Surveys Menagem® P.P. J. Surveys Company - 224 Sentor Surveys Menagem® P.P. J. Surveys CREW - 224 Sentor Surveys Menagem® P.P. J. Surveys CREW - 224 Sentor Surveys Menagem® P.P. J. Sentor Company P.P. J. Sentor Surveys Menagem® P.P. J. Sentor Company P.P. J.	10.0 98.0 144.0 150.0 150.0 10.0 10.0 10.0 10.0 10.0	\$200.00 \$165.00 \$120.00 \$122.00 \$105.00 \$105.00 \$105.00 \$165.00 \$155.00 \$155.00 \$155.00 \$155.00 \$155.00	\$ 2,000.00 \$ 22,000.00 \$ 20,100 \$ 10,245.00 \$ 16,800.00 \$ 3,280.00 \$ 3,280.00 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	TOTAL	Principal Enginee Project Manage Project Manage Project Manage Project Manage Project Segment Search CV-I Designee Search CV-I Designee Engineering CAD Onterno Resider Project Represeding (RF) Adva TOYAL HOURS DE SIGN BOAD SURVEY LABOR Principal Enginee Project Enginee Project Enginee Search Survey Managemit P. J. 5 SURVEY CREW - 286 Series Surveysing Technical Series Surveysing Technical	6 6 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1	\$208.00 \$185.00 \$140.00 \$140.00 \$122.00 \$180.00 \$170.00 \$100.00 \$100.00 \$105.00 \$140.00 \$140.00 \$157.0	\$ 1,248.00 \$ 4,455.00 \$ 12,000.00 \$ 9,028.00 \$ 7,480.00 \$ 7,480.00 \$ 5 \$ 5,785.00 \$ 7,480.00 \$ 5 \$ 5,785.00 \$ 7,480.00 \$ 7,480.00 \$ 7,480.00 \$ 7,480.00 \$ 7,480.00	TOTAL	Principal Engineer Pringed Managing Project Managing Project Managing Project Managing Project Managing Project Register Engineering Oxb Destigans Engineering Oxb Destigans Revision Project Representative (RPR TOTAL HOURS DE SIGN BAB BUNVEY LABOR Principal Enginee Project Managing Project Manag	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 \$206.00 0.0 \$140.00 0.0 \$140.00 0.0 \$140.00 0.0 \$70.00 0.0 \$70.00 0.0 \$100.00 0.0	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
Principal Engine Principal Engine Principal Engine Principal Engine Principal Engine Senor Uni Designe Engineering Design Technicial Engineering Design Technicial Engineering CAD Draiteme Resident Project Repressative (IVPR TOTAL HOURS DESIGN TOTAL HOURS DESIGN Principal Engine Senor Survey Mamaganger RP J L SURVEY CIERT - 2.8 Senior Survey Mamaganger RP J L SURVEY CIERT - 2.8 Senior Surveying Technicial Serior Surveying Technicial	10.0 144.0 150.0 144.0 150.0 1	\$200.00 \$145.00 \$140.00 \$122.00 \$89.00 \$100.00 \$100.00 \$150.00 \$140.00	\$ 2,000.00 \$ 9,240.00 \$ 10,246.00 \$ 10,246.00 \$ 16,800.00 \$ 3,250.00 \$ 3,250.00 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	TOTAL	Principal Enginee Project Manage Project Manage Project Manage Project Manage Project Enginee Senior Urb Design Engineering Design Teichheite Engineering QAD Drittstrum Residerd Project Representative (RPRI Adres TOTAL HOURS DE SIGN Principal Enginee Project Manager Project Enginee Project Manager Project Manager Project Manager Senior Survey Manager Senior Survey Resident Senior Survey (RPL 1. Surveyor) Rehating Senior Survey (RPL 1. Surveyor) Teichnicis Senior Survey (RPL 1. Surveyor) Rehating	6 6 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1	\$208.00 \$165.00 \$140.00 \$122.00 \$170.00 \$170.00 \$170.00 \$170.00 \$140.00 \$140.00 \$140.00 \$140.00 \$150.0	\$ 1,248.00 \$ 4,455.00 \$ 12,000.00 \$ 9,028.00 \$ 7,480.00 \$ 7,480.00 \$ 5 \$ 5,785.00 \$ 7,480.00 \$ 5 \$ 5,785.00 \$ 7,480.00 \$ 7,480.00 \$ 7,480.00 \$ 7,480.00 \$ 7,480.00	TOTAL	Principal Engineer Pringed Manager Pringed Manager Pringed Manager Pringed Manager Pringed Manager Engineering Chelburg Engineering CAD Disflations Engineering CAD Disflations Resident Project Representative (RPR TOTAL HOURS DESIGN TOTAL HOURS DESIGN BABB SUNVEY LABOR Principal Enginee Pringed Enginee Senior Survey Manager RP L I SURVEY CREW - 2M6 Salor Surveying Technic Senior Surveying CAD Dirillerus Serior Surveying CAD Dirillerus Serior Surveying CAD Dirillerus	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 \$208.00 101 \$120.00 102 \$140.00 103 \$140.00 104 \$120.00 105 \$140.00 106 \$120.00 107 \$140.00 108 \$100.00 109 \$1	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
Principal Engine Project Menage Project Menage Project Menage Project Engine Sendo CH Delighe Engineering Design Technicis Engineering Design Technicis Engineering Design Technicis Representation Resident Project Representation Abstract TOTAL HOURS Engineering Abstract TOTAL HOURS Engineering Project Menage Sentor Survey Menagem# P. P. L. SURVEY CREW - 22M Sentor Survey Menagem# P. P. L. Surveyor GREW - 22M Sentor Surveying CAD Druthum	10.0 1 10.0 10.0 10.0 10.0 10.0 10.0 10	\$200.00 \$145.00 \$142.00 \$122.00 \$190.00 \$100.00 \$100.00 \$165.00 \$145.00 \$110.0	\$ 2,000.00 \$ 9,240.00 \$ 10,245.00 \$ 10,245.00 \$ 16,800.00 \$ 3 \$ 3,250.00 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	TOTAL	Principal Enginee Project Manage Project Manage Project Manage Project Manage Servic Urb Designe Engineering Design Teichnicite Engineering CAD Disturrent Residerd Project Represelative (RPRI Adms TOTAL HOURS DE SIGN BAB SURVEY LABOR Principal Enginee Project Managed Principal Society Managed Principal Society Managed Principal Society Managed Principal Society Principa	6 6 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1	\$208.00 \$185.00 \$140.00 \$140.00 \$122.00 \$180.00 \$170.00 \$100.00 \$100.00 \$105.00 \$140.00 \$140.00 \$157.0	\$ 1,248.00 \$ 4,855.00 \$ 12,040.00 \$ 9,078.00 \$ 7,490.00 \$ 7,490.00 \$ 910.00 \$ 5,785.00 \$ 910.00	TOTAL 340,506.00	Principal Engineer Project Manager Project Manager Project Manager Project Manager Project Manager Engineering Design Technicias Engineering OAD Draftsman Resident Project Represadors (RPR TOTAL HOURS DESIGN TOTAL HOURS DESIGN Principal Enginee Project Manager Project Manager Project Manager Project Manager Senior Survey Senior Senior Senior Survey Senior Senior Survey Senior	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 \$206.00 0.0 \$140.00 0.0 \$140.00 0.0 \$140.00 0.0 \$70.00 0.0 \$70.00 0.0 \$100.00 0.0	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
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ATTACHMENT "E" INSURANCE CERTIFICATE

BROCKBUS1

ACORD.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/01/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on

This certificate does not conser any rights to the cartilicate holder in flet									
PRODUCER USI Southwest	CONTACT NAME: PHONE (AIC, No, Ext): 713 490-4600 [FAX (AIC, No): 713	400.4700							
9811 Katy Freeway, Suite 500	[A/C, No. Ext]: 713 430 400 [A/C, No.: 713 E-MAIL ADDRESS:								
Houston, TX 77024	INSURER(S) AFFORDING COVERAGE	HAIC#							
713 490-4600	INSURER A : Valley Forge Insurance Company								
INSURED CONTROL & CONTROL OF	INSURER B Continental Casualty Company	20443							
Brock & Bustillos, Inc.	INSURER C - Berkley Insurance Company	32603							
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El Paso, TX 79902	INSURER E								
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	. I∧	ND	EMPLOYERS' LIABILITY						PER OTH-		
			PROPRIETOR/PARTNER/EXECUTIVE	NIA		1		44	E.L. EACH ACCIDENT	\$	
	H	ye:	ndatory in NH) s, describe under CRIPTION OF OPERATIONS below				ļ		E.L. DIS EASE - EA EMPLOYEE		
-			CRIPTION OF OPERATIONS below			AEC903279702	4410410040	4410410000		\$	
•	- I -		ims Made &				11/01/2019 11/01/2020 \$2,000,000 per claim				
	- 1 -		ported Pol			1/1/85 Retro			\$2,000,000 anni aggi	ŗ.	
_ D			TON OF OPERATIONS / LOCATIONS / VEHIC	1 68 //	COST	101 Additional Remarks Schadu	to may be attached if mo	on enace le moul	cod		
Ť	he C	3e	neral Liability & Auto Liability	pol	icy(s	s) includes an automati	c Additional Insu	11 e d	(62)		
e	ndo	rs	ement that provides Additions	el In:	sure	d status to the Certifica	ate Holder only w	vhen there I	s a written		
			t that requires such status, as				-				
T	he C	3e	neral Liability and Auto Liabil	ity p	olic	y(s) provide a Blanket \	Naiver of Subrog	ation when	required by		
W	ritte	ın	contract, except as prohibited	d by	law.	,			• 100		
(:	See .	At	tached Descriptions)								
C	ERT	IFI	CATE HOLDER				CANCELLATION				
City of El Paso 218 N. Campbell St.							SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.				

CERTIFICATE HOLDER	CANCELLATION				
City of El Paso 218 N. Campbell St. El Paso, TX 79901	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.				
	AUTHORIZED REPRESENTATIVE				
	James E. Jameson				

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