

ENGINEERING SERVICES PROPOSAL
for
DUNLEITH CANAL IMPROVEMENTS IN THE VICINITY OF DESTREHAN PUMP STATION NO. 2

Evans-Graves Engineers, Inc.

May 22, 2019

PHASE I - STUDY PHASE - PREVIOUSLY CONTRACTED

(Task includes preliminary hydraulic design, site visit, data collection, and preparation and production of a brief letter report presenting alternative options and the recommended improvement alternative for proceeding with detailed design.)

PHASE IIA - PRELIMINARY DESIGN

(Task includes preliminary civil and structural engineering design, site visits, meetings and coordination, establishment of design criteria, preparation of preliminary plan drawings, and construction cost estimating.)

Category	Manhours	Rate	Subtotal
Principal (P.E.)	16	\$185.00	\$2,960.00
Senior Engineer (P.E.)	72	\$145.00	\$10,440.00
Technician	128	\$80.00	\$10,240.00
Administrative Asst.	16	\$55.00	\$880.00
PHASE TOTAL			<u>\$24,520.00</u>

PHASE IIB - FINAL DESIGN

(Task includes final civil and structural engineering design, meetings and coordination, production of Bidding Documents to include Final Plans and the Project manual (incorporation of Technical Specifications into the Parish-supplied front-end documents), quantity takeoffs, and construction cost estimating.)

Category	Manhours	Rate	Subtotal
Principal (P.E.)	24	\$185.00	\$4,440.00
Senior Engineer (P.E.)	96	\$145.00	\$13,920.00
Technician	160	\$80.00	\$12,800.00
Administrative Asst.	40	\$55.00	\$2,200.00
PHASE TOTAL			<u>\$33,360.00</u>

ENGINEERING SERVICES PROPOSAL
for
DUNLEITH CANAL IMPROVEMENTS IN THE VICINITY OF DESTREHAN PUMP STATION NO. 2

Evans-Graves Engineers, Inc.

May 22, 2019

PHASE III - ENGINEERING SERVICES DURING BIDDING

(Task includes coordination, responding to questions and requests, revisions, production and issuance of Addenda, attendance at Pre-Bid Meeting and Bid Opening, tabulation of bid results, and recommendation of award.)

<i>Category</i>	<i>Manhours</i>	<i>Rate</i>	<i>Subtotal</i>
Principal (P.E.)	8	\$185.00	\$1,480.00
Senior Engineer (P.E.)	8	\$145.00	\$1,160.00
Technician	16	\$80.00	\$1,280.00
Administrative Asst.	4	\$55.00	\$220.00

PHASE TOTAL **\$4,140.00**

PHASE IV - ENGINEERING SERVICES DURING CONSTRUCTION

(Task includes site visits, meetings and coordination, responding to questions and RFI, review of submittals, review of testing lab reports, review of contractor pay applications, substantial completion and final acceptance walkthroughs and documentation, revisions, record drawings, and project closeout. Task does NOT include resident inspection or materials testing laboratory services.)

<i>Category</i>	<i>Manhours</i>	<i>Rate</i>	<i>Subtotal</i>
Principal (P.E.)	32	\$185.00	\$5,920.00
Senior Engineer (P.E.)	64	\$145.00	\$9,280.00
Technician	40	\$80.00	\$3,200.00
Administrative Asst.	40	\$55.00	\$2,200.00

PHASE TOTAL **\$20,600.00**

SUBTOTAL - ENGINEERING PHASES **\$82,620.00**

ENGINEERING SERVICES PROPOSAL
for
DUNLEITH CANAL IMPROVEMENTS IN THE VICINITY OF DESTREHAN PUMP STATION NO. 2

Evans-Graves Engineers, Inc.

May 22, 2019

PHASE V - SUPPLEMENTAL SERVICES: SURVEYING

(Task includes coordination of Topographic Survey of the area as required to design the project based on the results of the Study Phase, including all surface and subsurface utilities and features, and generation of cross-sections. Survey contracted by SCP.)

Category	Manhours	Rate	Subtotal
Purchased Services (Surveyor Sub)	Lump	(By SCP)	---
Principal (P.E.)	6	\$185.00	\$1,110.00
Senior Engineer (P.E.)	16	\$145.00	\$2,320.00
Technician	4	\$80.00	\$320.00

PHASE TOTAL **\$3,750.00**

PHASE VI - SUPPLEMENTAL SERVICES: GEOTECHNICAL

(Task includes coordination of Geotechnical services for preparation and production of a Geotechnical Report with recommendations for design of improvements based on the results of the Study Phase. Geotech contracted by SCP.)

Category	Manhours	Rate	Subtotal
Purchased Services (Surveyor Sub)	Lump	(By SCP)	---
Principal (P.E.)	6	\$185.00	\$1,110.00
Senior Engineer (P.E.)	16	\$145.00	\$2,320.00
Technician	4	\$80.00	\$320.00

PHASE TOTAL **\$3,750.00**

PHASE VII - SUPPLEMENTAL SERVICES: PERMITTING

(Task includes meetings and coordination, preparation and production of permit documents and drawings, submittals, and revisions. Permits will include Coastal Use, various pipeline companies, and Corps of Engineers. Task includes one meeting with each pipeline company. Task does NOT include payment of any required agency or pipeline permit fees.)

Category	Manhours	Rate	Subtotal
Principal (P.E.)	24	\$185.00	\$4,440.00
Senior Engineer (P.E.)	48	\$145.00	\$6,960.00
Technician	40	\$80.00	\$3,200.00
Administrative Asst.	8	\$55.00	\$440.00

PHASE TOTAL **\$15,040.00**

SUBTOTAL - SUPPLEMENTAL SERVICES **\$22,540.00**

GRAND TOTAL - ALL PHASES **\$105,160.00**
\$105,160.00