



Misc. Professional Services

EC 2020-58

STA No. 01

Project Name: Estero on the River Phase 1 Design Contract

Consultant: Ensite, Inc.

Village of Estero Contract No.: EC2020-58

Village of Estero Account Number: _____

Brief Description: Ensite will provide planning, design, engineering and permitting services for the construction of a loop trail, pedestrian bridge and parking lot/trail head on the Village's property located along US 41 and Corkscrew Road.

Total Fees: \$370,400

The Consultant shall perform the services outlined in the attached Exhibit A – Scope of Services for the Fees identified in Exhibit B – Fees, under the terms and conditions outlined in the above referenced Village of Estero Contract No. EC2020-58.

Consultant: Ensite, Inc.

Village of Estero

By: _____

By: _____

Name: _____

Name: Steve Sarkozy

Title: _____

Title: Village Manager

Date: _____

Date: _____

Attachments:

Exhibit A/B – Scope of Services & Fees

Exhibit A/B - Scope of
Services & Fees



CLIENT

Attn. Mr. David Willems
Public Works Director
Village of Estero
9401 Corkscrew Palms Circle
Estero, FL 33928

PROJECT DESCRIPTION

EnSite, Inc. (Consultant) proposes to provide **Village of Estero** (Client) professional services for the **+/-66.0 Acre Site** (Project) located in Estero. The Project consists of 17 parcels with various addresses and STRAP numbers. The area is west of the railroad tracks, north of Corkscrew Road, south and north of the Estero River and east of US 41.

PROJECT ASSUMPTIONS

- It is Client's intention to plan and permit a recreational trail (Phase 1), a bridge over the Estero River, a temporary parking lot/trailhead, a permanent parking lot/trail head and perimeter fence along US 41 and Corkscrew Road;
- This scope does not include bridge structural design;
- Client to provide tree survey to Consultant to be incorporated into the base data;
- Client to provide title work for the parcels if they want it incorporated into the survey;
- Planning entitlements are not assumed as needed on the site for the use;
- Due to the length of the pedestrian bridge needed to cross the Estero River, pilings should not be placed into the river bed;
- A South Florida Water Management District (SFWMD) Environmental Resource Permit (ERP) is included in the contract but an exemption will be pursued for the trails;
- Water and electric conduit will be provided along the trails. The lines would be dry lines until water and power are provided to the site;
- The Client recognizes that permitting processes are regulatory functions and as such, Consultant cannot guarantee approval or issuance of a permit;
- This Agreement includes performing all services described herein on a one-time basis, unless otherwise noted.

SCOPE OF SERVICES

Task 1.0 – Meetings, Coordination and Project Management

This task is reserved for requested meetings with Client and/or municipalities concerning the project. This includes necessary presentations to the Village Council by the design team and project coordination/management. This assumes up to seventeen (17) meetings may be attended, with the inclusion of the other experts included in this scope.

Task 2.0 Background Data Phase

Task 2.1 - Environmental Services

Pennoni Environmental Scientists will conduct an on-site protected species survey of the approximately 68-acre project area owned by the Village of Estero in accordance with methodologies outlined by the Florida Fish and Wildlife Conservation Commission (FWC) to identify and document the presence of listed species inhabiting the site that are regulated by the U.S. Fish and Wildlife Service (FWS) and the FWC. Conduct an on-site jurisdictional wetlands determination and wetlands limits flagging within the project limits in accordance

with South Florida Water Management District (SFWMD) and U.S. Army Corps of Engineers (Corps) methodologies for preparation of the SFWMD Environmental Resource Permit (ERP) application

Task 2.2 – Survey Services

2.2a Boundary and Topographic Survey

Boundary & Topographic (D.O.) survey of the site to Village of Estero standards of the parcels described above. Establish parcel corners, locate existing improvements including accessible utilities, utility locates and improvements within 25' to 50' of property line and adjacent right of ways. Establish benchmarks and collect general site topography. Review title documents, plot applicable easements, etc. Please note this is not an ALTA survey.

2.2b Wetland Flagging

Identify and locate wetland flagging as provided by environmental consultant. As it is unknown the extent of wetland flagging, a budget number has been provided accordingly.

Task 2.3 – Base Line Work

Provide an existing condition plan for Client's review. This will incorporate survey, wetlands, trees, preliminary trail layout, etc. This will be the existing conditions map utilized for permitting work of the project.

Task 3.0 Path Design Concept Phase

Task 3.1 – Conceptual Path Design Plan

Based on Client's goals, objectives, preliminary design layout and base plan, provide Client a design for the complete passive recreation path. The temporary parking lot/trailhead will be located at the existing parking lot off Happahatchee entry road and permanent parking lot/trailhead will be located north of Estero River. The plan also includes a decorative fence along the west and south sides of the site. The fence design will conceptually show the proposed size, height, materials, look, etc for design intent. Upon review by Client, make changes to the pathway and future connections as requested. This task includes a preliminary cost estimate of the improvements of the pathway only based on the final path concept.

Task 3.2 – Bridge Design Concept

Based on Client's goals, objectives, and approved conceptual path design, EnSite will provide a conceptual bridge design. Based on input from the project team, the plan will include the location of the pedestrian bridge, the size, finish materials, and elements to convey the design intent of the bridge. Based on the review of the conceptual bridge design, finalize the bridge aesthetic intent for review.

Task 3.3 – Bridge Hydraulic Analysis

JR Evans to assist with the hydrologic/hydraulic analysis and assessment – no rise analysis for the bridge crossing. A hydraulic analysis and report will be prepared for the pedestrian bridge – to meet no rise criteria and a hydraulic analysis and report of the project improvements with respect to the Village of Estero Stormwater Master Plan Model.

Task 4.0 Construction Plans

Task 4.1 – Final Engineering Plans

Prepare final engineering plans including grading designs, details, utilities (conduits), general notes, site data, and other technical information required for development approval for the trail system (including trails up to the bridge crossing) and northern parking lot/trail head. These plans will be a biddable set of documents for contractor pricing. The bridge location will be included in the permit through the Village. No improvements are assumed for the temporary parking lot / trail head. Temporary parking lot and trailhead will not require construction plans.

Task 5.0 – Permitting / Approval Services

Task 5.1 – Village of Estero Permitting

This task includes project permitting through Village of Estero Development Order Permit Application process.

Task 5.2 – SFWMD Permitting-Phase 1 Path

The construction of the trails system may not require a SFWMD permit. However, the bridge and parking lot/trail head will require a permit. A permit exemption for the trail system will be pursued. The following scope includes permitting for the trail, parking lot/trail head and bridge.

Prepare the necessary permit application and documents for a construction permit for the path. The application will include the prepared engineering plan and other technical information required for SFWMD approval for construction.

Pennoni Environmental Scientists will provide environmental support services and prepare the environmental permitting information required for obtaining an ERP and a SSL Authorization from the SFWMD. Services include preparation of an Environmental Supplement and Protected Species Survey Report, Section C and F of the ERP application, a pre-application meeting with the SFWMD, one on-site meeting with SFWMD staff, and one response to requests for additional information from the SFWMD for ERP and SSL permit issuance. A No Permit Required verification will be submitted to the Corps and a Technical Assistance request will be submitted to the FWS to confirm no further federal agency review is required for the project. Federal Dredge and Fill permitting and protected species-specific surveys and formal consultation with the FWS are not included in this scope of services

Task 5.3 – SFWMD Permitting-Bridge Plans

If the bridge plans are going to be permitted separately, prepare the necessary permit application and documents for a construction permit for the bridge. The application will include the prepared engineering plans and other technical information required for SFWMD approval for construction for the Estero River pedestrian bridge crossing. Final adverse impacts to floodwaters within the river will be provided. This will include coordination with bridging solutions on the general layout and pier locations.

Task 5.4 – CLOMR Request

In the event an analysis is needed to support a CLOMR effort for the bridge the same analysis will be conducted with the exception that a CLOMR process will be prepared. If this is needed the price has been provided.

Task 5.5 – US Army Corps of Engineers (ACOE) Bridge Plans Permitting

In the event a ACOE permit is required, this task is reserved to provide the necessary plans and support documentation necessary for permit application and approval.

Task 6.0 Construction Services

Task 6.1 – Bidding Assistance

Assist with bidding for the proposed improvements. This task covers:

Review Bid Package

Respond to requests of additional information from contractors

Attend pre-bid meeting

Task 6.2 – Construction Observation

Construction observation services necessary for engineer and landscape architect to certify the project complete to the Client and agencies involved in permitting proposed site improvements.

Attend one (1) pre-construction meeting and attend up to two site visits to review the path layout and make necessary field adjustments as needed. Provide help during construction to resolve field conflicts, answer requests for additional information, provide clarification on design issues and advise the site contractor where required. Review shop drawings (if needed) for site related improvements for compliance with approved details and agency requirements.

Task does NOT include attendance at regularly-scheduled construction meetings.

Task 6.3 – Final Certification

Provide final site certification confirming construction was completed in compliance with the plans and specifications.

- Prepare as-built “record drawings” of all improvements based upon a compilation of contractor-submitted data and field measurements provided by a surveyor (as-built surveying work is NOT included in this proposal) that meet the certification package requirements of the Village of Estero and SFWMD.
- Attend up to two (2) final walkthroughs, to prepare punch lists for contractor compliance and to verify punch list items have been completed and site is ready for final certification submittals for engineering.
- Provide final certification documents to the Village of Estero and SFWMD for engineering.

Task 6.4 – As-Built LOMR Process

Once improvements are completed, facilitate an as-built LOMR process to have the floodplain boundaries updated.

Task 7.0 – Reimbursable Expenses

Reimbursable expenses including but not limited to printing, reproductions, photo, courier/delivery, postage/shipping, document purchases, project related travel and other direct expenses. Number provided for budgetary purposes only.

FEES AND COMPENSATION – ENSITE

TASK	TASK DESCRIPTION	FEE	TYPE
1.0	Meetings, Coordination and Project Management	\$35,000	NTE
<i>Task 2.0 Background Data Phase</i>			
2.1	Environmental Services	\$20,000	NTE
2.2	Survey Services		
2.2a	Boundary and Topographic Survey	\$38,000	NTE

2.2b	Wetland Flagging	\$13,900	NTE
2.3	Base Line Work	\$6,200	NTE
<i>Task 3.0 Path Design Concept Phase</i>			
3.1	Conceptual Path Design Plan	\$14,000	NTE
3.2	Bridge Design Concept	\$11,000	NTE
3.3	Bridge Hydraulic Analysis	\$36,000	NTE
<i>Task 4.0 Construction Plans</i>			
4.1	Final Engineering Plans	\$62,000	NTE
<i>Task 5.0 Permitting / Approval Services</i>			
5.1	Village of Estero Permitting	\$4,800	NTE
5.2	SFWMD Permitting-Phase 1 Path	\$41,500	NTE
5.3	SFWMD Permitting-Bridge Plans	\$15,000	NTE
5.4	CLOMR Request	\$6,000	NTE
5.5	US Army Corps of Engineers Bridge Plans Permitting	\$19,000	NTE
<i>Task 6.0 Construction Phase</i>			
6.1	Bidding Assistance	\$12,000	NTE
6.2	Construction Observation	\$15,000	NTE
6.3	Final Certification	\$10,000	NTE
6.4	As-Built LOMR Request	\$10,000	NTE
7.0	Reimbursable Expenses	\$1,000	NTE
	EnSite Fee	\$370,400	BUDGET

TM = Time & Materials, LS = Lump Sum Fee, NTE – Not to Exceed without prior authorization

**EnSite, Inc. - Hourly Rate Schedule
Effective January 1, 2021**



Title	Rate
Expert Testimony	\$250 per hour
Senior Engineer	\$185 per hour
Principal Planner	\$145 per hour
Urban Designer	\$145 per hour
Landscape Architect	\$145 per hour
Senior Planner	\$135 per hour
Economic Research and Strategist	\$135 per hour
Engineer Intern	\$125 per hour
Senior Project Manager	\$125 per hour
Junior Engineer	\$115 per hour
Lead Designer	\$100 per hour
Auto-CAD Technician III	\$95 per hour
Junior Landscape Designer	\$85 per hour
Auto-CAD Technician II	\$80 per hour
Auto-CAD Technician I	\$65 per hour
Permit Coordinator	\$60 per hour
Administrative Assistant	\$50 per hour