

Work Plan No.: A.02-01 Link21 Environmental Consultant Work Plan 2

Scope:

2.0 SCOPE OF SERVICES AND LIST OF DELIVERABLES WITH SCHEDULE

Task 1 Management

Management and coordination within the context of the larger program, including developing, managing, and reporting on scope, schedule, and budget, and coordinating with the Program Management Team (PMT) and other consultants. This task also includes internal communication and project management within the Consultant team to monitor progress and ensure adherence to quality procedures, scope, schedule, and budget.

1.1 Coordination and Meetings

The Consultant will prepare for and attend coordination meetings as summarized below (these meeting estimates may vary).

<u>Link21 Leadership Meetings</u> – The PMT leadership team and each of the service category Consultant project managers meet to discuss overall strategy in delivering the program.	Twice a month
<u>Environmental Leadership Meetings</u> – The PMT Delivery Manager and each of the service category Consultant project managers meet to discuss overall management and coordination of the work and resolve any delivery issues.	Twice weekly
<u>Environmental Progress Meeting</u> – Regular meeting to review/collaborate on the development of deliverables prepared by the Consultant. Includes management of inputs/outputs/dependencies with other technical teams, and work planning including schedule and scope.	Weekly
<u>Technical Integration Meeting</u> – Regular meeting to discuss issues and collaborate regarding task dependencies among the four service categories.	Twice a month
<u>Equity Coordination Meetings</u> – Regular meeting with PMT equity staff to discuss the incorporation of the Equity Blueprint in Consultant work.	Weekly

<u>Collaboration Council Meetings</u> – Coordination of principals to discuss project quality, schedule, and general progress.	Quarterly
<u>Equity Implementation Plan Meetings</u> - Quarterly meetings with key Consultant staff to monitor and discuss the incorporation of the Equity Implementation Plan developed in Consultant Work Plan 1 (CWP1).	Quarterly
<u>Internal Project Management Meetings</u> - Includes work related to internal management of the Consultant team. Regular meetings will be held to ensure adherence to scope, quality, budget, and schedule and to help inform regular development of deliverables. Quality related meetings such as conducting ongoing quality training, reviewing lessons learned, reviewing Process Audit results, implementing Action Steps, and conducting Annual QMS Audit. This includes monthly ENVI Team Leadership meetings including the PM, DPM, project coordinator, Quality Manager, Risk Manager, Environmental Compliance Lead, Equity Lead, and occasionally key technical leads.	As needed
<u>Planning and Engineering Progress Meeting</u> – Regular meeting to review/collaborate on the development of deliverables prepared by the Planning and Engineering (P&E) Team.	As needed
<u>Travel Demand and Land Use Progress Meeting</u> – Regular meeting to review/collaborate on development of deliverables prepared by the Travel Demand and Land Use (TDLU) Team.	As-needed
<u>Engagement and Outreach Progress Meeting</u> – Regular meeting to review/collaborate on development of deliverables prepared by the Engagement and Outreach (E&O) Team. Includes as-needed participation in a monthly planning session with the E&O Team and other service categories regarding outreach needs.	As needed
<u>Business Case Progress Meeting</u> – Regular meeting for coordination between each service category and the Business Case Team.	As-needed

The following implementation and maintenance of the Quality Management System (QMS) is included in this task.

- The Consultant will prepare a draft and final revised Quality Management Plan (QMP), and associated documents accordingly. The Consultant will complete the QMP with the required elements to meet the Federal Transit Administration (FTA) quality requirements.
- The ENVI Team QMP requires two Leadership Review meetings with ENVI leadership to review performance against quality objectives. This includes the effort to plan, prepare (which includes collecting and analyzing data supporting the specific objectives), perform, and report on this review, not only for the Quality Assurance (QA) Team but also for the participants in the meeting.
- The Consultant will develop, validate, and implement the additional quality training (three modules) defined by the ENVI QMP. This includes effort for the QA Team and for all team participants who are expected to complete the three additional modules.
- Process Audits will be further developed building on the work in CWP1. This includes effort for the QA team to review the results of the two test audits and determine what, if any, improvements are needed to finalize this process, which will likely result in updating QP 9.1.
- FTA QMS Guidelines require means for identifying and responding to nonconformances and corrective actions. To address this, the ENVI Team QMP has defined the Action Request and Lessons Learned systems. These systems need to be fully fleshed out and implemented as part of Consultant Work Plan 2 (CWP2) to ensure full compliance with the FTA QMS Guidelines. This task includes the effort to fully define, implement, and manage these systems—both of which need to be fully deployed in CWP2 in order to develop data for review during the Leadership

review. This includes efforts for each team who may need to engage in the resolution of issues or creation of lessons learned.

- In compliance with the FTA Guidelines, the ENVI Team QMP requires an annual QMS audit be planned, prepared for, performed, and reported. Audit participants are typically randomly selected from a list of individuals who have participated in the development of deliverables.
- Quality Control will apply to all technical deliverables, and Quality Assurance/Process Audits will be applied to up to three key major deliverables to be determined by the Project Manager/Quality Manager. The budget for deliverable-related Quality Assurance/Quality Control (QA/QC) activities is included in the tasks containing those deliverables.

Deliverables

1. *Draft Meeting agenda – distributed for input a minimum of three business days prior to meetings hosted by the Consultant*
2. *Draft Meeting minutes – distributed no later than two business days following meetings hosted by the Consultant*
3. *Draft Revised QMP – two months from Notice to Proceed (NTP)*
4. *Final Revised QMP – one month after receipt of PMT comments on the Draft QMP.*

Assumptions

1. *Meeting frequencies may vary.*
2. *Consultant will review and provide feedback on agenda and minutes developed and lead by other service categories.*
3. *See assumptions above for quality management. This effort is separate from deliverable-related QA/QC activities that are accounted in the individual tasks containing deliverables.*

1.2 Reporting

1.2.1 Cost Estimate and Schedule Management

Prepare and provide the following cost estimate and schedule deliverables in accordance with the means, methods, and format identified in the Link21 Cost Estimating and Schedule Management Plan.

Deliverables

1. *Cost Estimate for the Work Plan*
 - a. *Summary Cash Flow – due one month after NTP then monthly by the 15th of each month via Excel template provided*
 - b. *Basis of Estimate – due one month after NTP and then two weeks after any approved baseline change*
 - c. *Description of Estimating Software (used to prepare the estimate) – due one month after NTP and then two weeks after any approved baseline change*
2. *Cost-loaded (at deliverable/subtask level) P6 Schedule (by the 15th of each month)*

- a. *Schedule Control Plan – monthly with XER*
- b. *XER Native File Format – monthly*
- c. *P6 Software Configuration Settings – monthly with XER*
- d. *High-level Schedule (pdf) – monthly with XER*
- e. *Full Schedule in Gantt Format (pdf) – monthly with XER*
- f. *Two Week Look Ahead in Gantt Format (pdf) – monthly with XER*
- g. *Critical Path in Gantt Format (pdf) – monthly with XER*
- h. *Schedule Log – monthly with XER*
- i. *Fragnets in XER and pdf – as requested*
- j. *Ad Hoc Reports – as requested*

Assumptions

None

1.2.2 Cost Management

Prepare and provide the following cost management deliverables in accordance with the means, methods, and format identified in the Link21 Cost Management Plan.

Deliverables

1. *Trend and Variance Reporting – monthly reporting by the 15th of every month*

Assumptions

None

1.2.3 Risk Management

Prepare and provide the following risk management deliverables in accordance with the means, methods, and format identified in the Link21 Risk Management Plan (RMP).

Deliverables

1. *Risk Register: Quarterly updates*
2. *Risk Status Reports: Quarterly updates*

Assumptions

None

1.2.4 Invoicing and Progress Reports

Consultant will prepare monthly invoices and associated progress reports by the 15th of each month, per the BART format, that reflect the actual labor and expenses incurred as well as the project's progress for that reporting period.

1.3 Future Workplan Development

Utilizing the BART/CCJPA template, the Consultant will prepare a work plan proposal for additional services, as directed. This will require close coordination with the PMT, Equity Team, and other service category teams. Environmental efforts during the remainder of Phase 1 and into Phase 2 will include any necessary environmental documentation and/or technical studies for the selected project(s). Efforts are expected to include regulatory agency outreach and coordination and preparation of materials for any project-related public hearings.

Deliverables

1. *Draft Work Plan 3 Proposal – due 14 months after NTP*
2. *Final Work Plan 3 Proposal – due 16 months after NTP*

Assumptions

1. *An Environmental Impact Report (EIR) under the California Environmental Quality Act (CEQA), an Environmental Impact Statement (EIS) under the National Environmental Policy Act (NEPA), and/or multiple EIRs/EISs will be needed for a Link21 priority project(s). Note that the level of required environmental documentation and the number of documents will depend, in part, on the overall environmental strategy.*
2. *All environmental documents will be prepared in accordance with the requirements of the CEQA/NEPA lead agencies.*
3. *The work plan proposal will include all activities needed to complete the work, including technical coordination meetings, preparation of draft and final deliverables, and conducting QA/QC reviews, among other associated tasks. It is assumed that the ENVI Team will have up to two months to develop the work plan proposal after receipt of a draft work plan request.*

Task 2 Environmental Strategy and Compliance

The Consultant will perform activities to support and advance the environmental strategy and overall program's environmental compliance as follows.

2.1 Environmental Strategy

Throughout Phase 1, the Consultant will continue to have a prominent role in the development and refinement of the advanced environmental strategy, which will be used to deliver the Link21 Program. The Consultant will advise the PMT with the ultimate goal of Consultant/PMT concurrence on an environmental strategy and tactics for implementing the strategy during Phase 2. The Consultant will provide feedback in meetings with the PMT and prepare advice memos on an as requested basis. Memo content may include, but would not be limited to, the following: pertinent changes to the NEPA/CEQA regulatory environment, environmental strategy refinements that should be considered, legislation Link21 may want to advance to assist with CEQA compliance, equity considerations, and timing of the environmental strategy. Advice memos will be informed by the results of the Environmental Constraints and Opportunities (ECO) Analysis Report and Map Book, as well as coordination with the P&E, E&O, and TDLU Teams.

Deliverables

1. *Advice memos – as requested by the Program Management Consultants (PMC)*

Assumptions

1. *Five advice memos will be prepared. Assumes one round of review of each memo by PMC before submitting to PMT. The PMC will do an initial screening of each deliverable to verify it meets content requirements before initiating any formal review.*

2.2 Environmental Compliance

The Consultant will identify major regulatory hurdles potentially associated with the priority project(s) and document those in an Environmental Compliance Technical Memo. The Consultant will conduct coordination with relevant regulatory agencies, as needed, to inform this deliverable. This coordination will focus on major regulatory hurdles associated with the CEQA/NEPA process and potential resource impacts. The Consultant will evaluate relevant agencies based on the priority project(s) identified by the P&E Team. These agencies are expected to include, but not be limited to, the FTA, Federal Railroad Administration (FRA), U.S. Environmental Protection Agency (USEPA), Surface Transportation Board (STB), U.S. Army Corps of Engineers (USACE), U.S. Coast Guard (USCG), National Oceanic and Atmospheric Administration (NOAA) (including the National Marine Fisheries Service [NMFS]), San Francisco Bay Conservation and Development Commission (BCDC), U.S. Fish and Wildlife Service (USFWS), State Water Resources Control Board (SWRCB), applicable Regional Water Quality Control Boards (RWQCB), Department of Toxic Substances Control (DTSC), State Lands Commission (SLC), Delta Stewardship Council (DSC), and California Department of Fish and Wildlife (CDFW). The Consultant will be responsible for documenting all meetings in the program's Public Involvement Management Application (PIMA) database.

Deliverables

1. *Environmental Compliance Technical Memo – due 14 months after NTP*
2. *Agenda and meeting minutes corresponding to each agency coordination meeting*

Assumptions

1. *Twenty-two one-hour coordination meetings will be conducted. Multiple meetings may be warranted with some agencies.*
2. *Three rounds of review of the Environmental Compliance Technical Memo are assumed. The PMC will do an initial screening of the deliverable to verify it meets content requirements before initiating any formal review. It is assumed that the meetings with regulatory agencies will inform the technical memo.*

2.3 Environmental Justice Methodology

The Consultant will develop a methodology for incorporating Environmental Justice (EJ) populations into Link21. The methodology will include a comparison between the current definition of EJ with the program's priority population definition. The Consultant will also evaluate the differing definitions of EJ based on potential funding sources or federal lead agencies (FTA, FRA, etc.). The methodology will:

- Provide a comparison between EJ definitions by funding source and the program's definition of priority populations.

- Review future program updates to the priority populations definition.
- Review future federal updates to EJ for changes to the regulatory environment (Justice 40, NEPA rule-making, etc.).
- Coordinate across service categories to ensure the program does not duplicate (or omit) the consideration of EJ communities.
- Recommend how EJ communities should be formally evaluated and mapped during the preparation of formal environmental technical studies, environmental documentation, and other program needs.

Deliverables

1. *Draft EJ Methodology Memorandum – due three months after this deliverable is authorized by the PMT*
2. *Revised Draft and Final EJ Methodology Memorandum – revised pursuant to PMT comments within two months.*

Assumptions

1. *The most up-to-date priority population definition will be available from the Equity Team at the start of writing the memo.*
2. *Three rounds of review of the EJ Methodology Memorandum are assumed. The PMC will do an initial screening of the deliverable to verify it meets content requirements before initiating any formal review.*

2.4 Ongoing Environmental Strategy and Compliance Support

The Consultant will provide ongoing technical support to the ENVI Team. This could include, but would not be limited to, the following.

- Environmental strategy support.
- Regulatory agency coordination.
- Additional EJ methodology and analysis.
- Mapping of EJ populations in the Megaregion based on FTA, FRA, or other appropriate federal definitions to allow for comparison to the priority populations. This would provide input to the E&O Team to assess whether populations included in the EJ definition, but not included in the priority populations definition, are included in the Phase 1 outreach. The Consultant recommends this occur early in Phase 1.

Deliverables

1. *Deliverables will be identified by the PMT.*

Assumptions

1. *The upper limit for this support will be 1,000 hours to support Task 2.*
2. *Deliverables will include publication of all necessary GIS datasets to the GeoPortal.*

Task 3 Environmental Planning Support

The Consultant will provide planning support for the program's service categories as follows.

3.1 Environmental Constraints and Opportunities Analysis

Under CWP1, the Consultant prepared an ECO Analysis Report and Map Book. These deliverables support the development of program concepts by the P&E Team and ensure critical constraints and opportunities are considered early in the program's development.

Under CWP2, the Consultant will expand the ECO analysis to include any additional program concepts identified by the PMT. The Consultant will also evaluate the previously collected ECO data and confirm whether any updates are recommended to ensure the completeness and accuracy of the ECO analysis. Finally, the Consultant will evaluate if new data should be collected and analyzed to further support the ECO analysis. The Consultant will recommend updates, if needed, to the PMT. The PMT will review and provide feedback on what additional efforts are warranted, including any PMT recommendations for updates. If updates are warranted, an updated ECO Analysis Report and Map Book will be prepared and distributed to the other service categories for their reference.

If feasible, available co-creation data will be incorporated into the updated ECO Analysis Report and Map Book.

Deliverables

1. *Updated ECO Analysis Report and Map Book – due three months after receiving the program concept list from the P&E Team, including a definition of the study area with geospatial layer data*

Assumptions

1. *Level of effort for evaluation of any additional program concepts would match the level of effort under CWP1.*
2. *The ECO Analysis Report and Map Book produced during CWP1 would be updated (i.e., the proposed deliverables under CWP2 would not be addenda to the original deliverables).*
3. *Submittals would include transmittal of any necessary geospatial data into the GeoPortal. Data transfer requirements will be the same as previous uploads under CWP1. Confidential data would be protected as previously stipulated.*
4. *The study area may include the area of up to 20 program concepts.*
5. *Three rounds of review of the updated ECO Analysis Report and Map Book are assumed. The PMC will do an initial screening of the deliverable to verify it meets content requirements before initiating any formal review.*
6. *This version of the ECO Analysis Report and Map Book will be Section 508 friendly to the extent feasible but not be Section 508 compliant.*

3.2 Program Concept Screening

The Consultant will prepare a Program Concept Environmental Screening Evaluation for specific concepts identified by the P&E Team. This evaluation would include, but not be limited to, permitting risk (i.e., permitting timeframes, avoidance needs, mitigation strategies, etc.),

environmental and social constraints/opportunities (including equity considerations), and environmental process considerations (CEQA/NEPA defensibility, public controversy, etc.). Professional analytic experience from projects of similar scope will be key to this analysis of the concepts. The Program Concept Environmental Screening Evaluation will be preceded by a methodology memo and outline detailing the Consultant's approach, such as the screening metrics proposed and type of analysis (qualitative and quantitative).

The Consultant may develop environmental and equity screening metrics to use for the screening evaluation and will coordinate with the E&O Team on getting feedback from marginalized communities and Priority Populations as part of co-creation and/or the Equity Accountability Council on appropriate metrics to use for the evaluation. The Consultant may then screen the program concepts using the final metrics with a combination of quantitative and qualitative analysis utilizing data developed on constraints and opportunities and permitting and process evaluations.

The Program Concept Environmental Screening Evaluation will include high-level cost ranges for potential environmental permitting and mitigation. This will support overall cost estimating efforts conducted by the P&E Team. This deliverable will support the P&E Team as they define/refine program concepts through an iterative process, ultimately resulting in a shortlist of program concepts.

The Consultant will document concepts that were considered, but not advanced, in a technical memo to track this information for later use during the environmental process. In this memo, the Consultant will provide feedback on these decisions and their implications in future CEQA/NEPA documentation.

Deliverables

1. *Environmental Screening Methodology and Outline – due two months after NTP*
2. *Program Concept Environmental Screening Evaluation – due four months after receiving Program Concepts and then updated quarterly as Program Concepts are refined or changed*
3. *Concepts Considered but Not Advanced Memo – due 17 months after NTP*

Assumptions

1. *Up to 20 Program Concepts will be identified by the P&E Team and evaluated by the Environmental Consultant. It is assumed that the Program Concepts will have the level of detail sufficient to perform the evaluation.*
2. *The P&E Team will be responsible for combining cost estimates from all tasks, including cost estimates prepared by the Environmental Consultant.*
3. *Three rounds of review of the first Program Concept Environmental Screening Evaluation are assumed, subsequent quarterly updates (three are assumed) will be finalized with two rounds of reviews each. The PMC will do an initial screening of the deliverable to verify it meets content requirements before initiating any formal review.*
4. *Program Concepts will be available in GIS.*

3.3 TDLU Technical Support

The Consultant will review, analyze, and provide environmental expertise to support the TDLU Team's model inputs. Areas of potential focus include, but are not limited to, environmental

resource impacts, anticipated permitting/approvals, and the vehicle miles traveled (VMT) analysis. In addition, the Consultant will provide input and feedback on the model inputs in regard to future NEPA/CEQA compliance. Finally, the Consultant will provide feedback on the proposed zoning for the TDLU modeling analysis.

Deliverables

None

Assumptions

1. *The nature of this work will be attendance of meetings and coordination.*
2. *Land use updates are covered under CWP1, Tasks 5.2/5.3. Limited support and coordination with MPOs, and possibly concerning Urban Footprint data, is assumed in this task.*

3.4 Business Case Technical Support

The Business Case Team has defined the evaluation frameworks, including initial thoughts on metrics, for all four cases: Strategic, Economic, Financial, and Deliverability and Operations. The Consultant will support the Business Case Team with development and/or refinement of the environmental-focused metrics for the Deliverability and Operations Case. The Consultant will use the environmental metrics from the Strategic Case as a starting point.

Environmental-focused metrics and recommendations for how to score these metrics would be recommended by the Consultant and documented in an Environmental Deliverability Metrics Technical Memo. Identified metrics will be informed by the work required for the ECO Analysis Report. The Consultant will provide feedback to the Business Case Team on how the environmental deliverability metrics would be scored and weighted. After the metrics are approved by the PMT, the Consultant would score the environmental-focused metrics for the PMT's review.

Deliverables

1. *Environmental Deliverability Metrics Technical Memo – due four months after NTP*
2. *Environmental Deliverability Metrics Scoring Addendum – due two months after PMT approves the metrics*

Assumptions

1. *Up to 10 environmental-focused metrics will be used to evaluate and/or score the Deliverability and Operations Case.*
2. *Metric scoring for the Deliverability and Operations Case will be supported by an addendum to the Environmental Deliverability Metrics Technical Memo. This addendum will document scoring considerations.*
3. *Three rounds of review for the Environmental Deliverability Metrics Technical Memo and Addendum are assumed each. The PMC will do an initial screening of these deliverables to verify they meet content requirements before initiating any formal review.*

3.5 Engagement and Outreach Technical Support

Environmental Constraints and Opportunities Analysis Report. The Consultant will assist the E&O Team on integrating select results from the ECO Analysis Report (and any other relevant environmental deliverables) into public outreach efforts. This effort will include the development of a standalone public-facing version of the ECO Analysis Report. The E&O Team will take the lead on making the public facing version with support from the Consultant.

Engagement General Support. The Consultant will provide a limited number of staff to attend Phase 1 public workshops, webinars, equitable engagement, office hours and question/answer sessions, or other outreach activities. These staff members would present relevant environmental information and be available to answer environmental-related questions. In addition, the Consultant will assist in development of collateral materials to support outreach efforts (e.g., fact sheets, frequently asked questions, PowerPoint presentations, and website text), review proposed outreach content prior to public dissemination, assist in preparation of responses to applicable public comments, provide report-back materials following outreach events, and analyze data collected from public outreach.

The Consultant will review and provide feedback on the program's public contact database housed in PIMA to ensure appropriate regulatory agencies and officials are included in outreach efforts. The Consultant will also provide feedback on PIMA's Public Comments database, and assistance in developing responses to environmental-related comments submitted through PIMA. The comments database will be structured for compliance with future NEPA/CEQA requirements.

Tribal Outreach Support. During Phase 1, the E&O Team will lead Link21's outreach efforts with tribal communities and will implement the E&O Team's Tribal Outreach Plan. The Consultant will provide feedback on these outreach efforts to ensure compliance with state/federal guidelines (including NEPA and CEQA). The Consultant will review the Tribal Outreach Plan and serve in an advisory role for the E&O Team's tribal coordination efforts. The Consultant will attend meetings on an as-needed basis and provide feedback on draft agendas and meeting notes.

Deliverables

1. *ECO Analysis Report - Public Facing - due five months after NTP*

Assumptions

1. *Engagement General Support. Three rounds of large-scale public outreach will be conducted during Phase 1. E&O will also participate in community events to increase awareness of Link21 and to facilitate input and feedback from the public. These events will be attended in accordance with COVID-19 guidelines*
2. *ECO Analysis Report. The public-facing ECO Analysis Report will protect confidential information. The Consultant will make the report as concise as possible. The report will be compliant with the Americans with Disabilities Act (ADA) and Section 508 of the Rehabilitation Act to ensure documentation is accessible to individuals with disabilities.*
3. *ECO Analysis Report. The E&O will lead the development of all public-facing documents prior to distribution to the public.*
4. *Tribal Outreach Support - Consultant staff (two staff members) will attend up to 40 meetings to provide feedback/advice on outreach efforts and provide comments on the Tribal Outreach Plan.*

Consultant staff may be asked to provide input on agendas and other materials used during these meetings.

3.6 Co-creation Analysis

The Consultant will review and analyze data obtained during Phase 1 co-creation workshops. Data will be geospatially linked, when feasible. Available co-creation data will be incorporated into the updated ECO Analysis Report and Map Book (Task 3.1).

The Consultant will provide limited staff to attend co-creation events. This will help facilitate those outreach efforts and aid the Consultant Team's understanding and interpretation of co-creation feedback. The Consultant will review report-back materials on environmental-related co-creation topics. Finally, the Consultant will assist in the development of environmental-related materials for co-creation events.

Deliverables

1. *Co-creation data in GIS format and equity webmap - due 17 months after NTP*

Assumptions

1. *Two rounds of co-creation workshops, each with up to 20 events, are anticipated. The Consultant will provide two staff to attend up to 30 events.*
2. *The Consultant will use non-geospatial information gathered from co-creation workshops to create GIS layers showing relevant data.*
3. *Consultant will upload up to 10 GIS layers/datasets to the Geoportal.*
4. *Equity webmap will be created using the Link21 webmap template.*

3.7 Equity Accountability Council

The Consultant will make relevant environmental work available and accessible for review and feedback by the Equity Accountability Council (EAC) during bi-monthly meetings. This includes developing any environmental-related collateral materials requested by the PMT for EAC meetings. The Consultant will prepare report-back materials, as requested.

Deliverables

1. *Environmental-related Collateral Materials - as requested by the PMC*

Assumptions

1. *The Consultant will attend bimonthly two-hour EAC meetings. These meetings may be held virtually, in-person, or a hybrid version*

3.8 Ongoing Environmental Planning Support

The Consultant will provide ongoing technical support to the program. This could include, but would not be limited to, the following.

- ECO analysis and mapping
- Program concept screening

- Anti-displacement policy identification and synthesis
- Assistance with the development of outreach materials
- Staffing at outreach and/or co-creation events
- Assistance with tribal community outreach

Deliverables

1. *Deliverables will be identified by the PMT.*

Assumptions

1. *The upper limit for this support will be 2,500 hours to support Task 3.*
2. *Deliverables will include publication of all necessary GIS datasets to the GeoPortal.*

Task 4 As-needed Support

4.1 Program Wide

The Consultant will provide as-needed support to the PMT on any identified environmental needs during Phase 1. Prior authorization from the PMT is required to start deliverables under this task. Deliverables will be identified in collaboration between the Consultant and the PMT.

Deliverables

1. *Deliverables will be identified on an as-needed basis by the PMT.*

Assumptions

1. *The upper limit for this support will be 3,500 hours to support Task 4.1.*
2. *Deliverables will include the publication of all necessary GIS datasets to the GeoPortal.*

4.2 Equity

The Consultant will provide as-needed technical support to the PMT on any identified equity needs during Phase 1. Prior authorization from the PMT is required to start deliverables under this task. Deliverables will be identified in collaboration between the Consultant and the PMT.

Deliverables

1. *Deliverables will be identified on an as-needed basis by the PMT.*

Assumptions

1. *The upper limit for this support will be 1,500 hours to support Task 4.2.*

Prime: ICF

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
AECOM	\$709,254	N	N
Applied Marine Science	\$49,967	N	N
Boudreau	\$31,814	Y	Y
CHS	\$64,035	Y	Y
Cross Spectrum Acoustics	\$32,834	Y	Y
Egret, Inc	\$62,759	Y	Y
ESA	\$138,363	N	N
Fehr & Peers	\$127,861	N	N
HDR	\$311,773	N	N
LCW	\$29,350	Y	Y
LTR	\$35,939	Y	Y
NSI	\$173,933	Y	Y
PanGIS	\$254,354	Y	Y
Parikh	\$81,142	Y	Y
Reddy	\$44,690	Y	Y
SEARCH	\$46,570	N	N
Sequoia	\$201,353	Y	Y
TAHA	\$235,388	Y	Y

Work Plan Value: \$3,968,348