Table 1 Discussion Draft- 2022 EPA GIT Funding Ideas

(See detailed instructions below)

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| **Required Components of the Phase 1 Development of Project Ideas (*Table 1*)** | |
| Goal Implementation Team (GIT) | Water Quality GIT |
| Proposed GIT Technical Lead | Sally Claggett/Katie Brownson |
| Annual Weighting Factors to Consider | 2, 3, 5 |
| CBP Functional Areas  (Yes or No) | No |
| Preparers | Sally Claggett |
| Project Title  (10 words or less) | Leaning Into the Multiple Benefits of Riparian Forest Buffers |
| Project Type (Describe the type of project submitted) | Logic and Action Plan implementation: Research and Recommendations |
| Proposed Project Outcomes | Science and Action for local and state governments to accelerate RFB restoration |
| Project Justification  (500 words or less) | A lot is known about the benefits of RFB beyond water quality aid to the main stem of the Chesapeake Bay. These well-known, but less analyzed benefits include: reducing flooding, improving drinking water, cooling water temperatures, improving habitat, and mitigating climate change.  This project would have 2 phases:  First, “Expert Panel” type reports on the ability of RFB to address the above listed benefits. These reports would be developed with the assistance of a Steering Committee consisting of representatives of local and state governments (e.g., LGAC) engaged citizens (e.g., CAC), as well as area experts.. This is because a main thrust of this work is to put science in plain-speak to easily communicate it to all partners. Cost/benefit analysis will be part of the reports on the Benefits  Second, this research would then be woven into Actionable Plans for Riparian Forest Buffers at the state and local levels. These plans would also be plainly written (e.g., for the non-scientist) and use the new high-resolution riparian area GIS mask (due out in Fall 22), and other new, available data to prioritize actions.  Questions for FWG:  Conservation and Restoration?  Follow up after Action Plans?  Maps? Tools?  How can these consultants help with implementation of Action Plans? |
| Proposed Project Steps and Timeline | 1. Phase 1: Select and convene Steering Committee(s) for the first time   (2 months)   1. Research and assembling data into usable reports. Get familiar with existing tools and overlaying priorities (6 months) 2. Comments and revisions to reports (2 months) 3. Phase 2: Meet with Steering Committee and take input on how the Action Plans for Other RFB Benefits will be structured. How will cost/benefit analysis be included? (2 months) 4. Write Action Plans with focal group input (5 months) 5. Deliver Action Plans for comment. 6. Choose several localities with whom to work to begin implementing the Action Plans. (7 months) |
| Estimated Costs | ~$70,000 |
| Cross-Outcome Benefits | Brook trout, climate change, |

Detailed Instructions

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| **Table 5. Required Components of the Phase 1 Development of Project Ideas (Table 1)** | | |
| Goal Implementation Team (GIT) | As defined by the Chesapeake Bay Program and described below:   * Sustainable Fisheries Goal Implementation Team (GIT 1) * Habitat Goal Implementation Team (GIT 2) * Water Quality Goal Implementation Team (GIT 3) * Maintain Healthy Watersheds Goal Implementation Team (GIT 4) * Fostering Chesapeake Stewardship Goal Implementation Team (GIT 5) * Enhance Partnering, Leadership and Management Goal Implementation Team (GIT 6) * Scientific, Technical Assessment and Reporting (STAR) Team * Communications Team | |
| Proposed GIT Technical Lead | A GIT Technical Lead should be identified at the time the Table 1 is submitted. If this project idea is selected to move forward for funding, the person identified as the GIT Technical Lead will work with the Trust to refine the project idea into a detailed scope of work (Table 2). GIT Technical Leads provide overall management of the project, from the idea phase in Table 1 to ultimately overseeing the project through to completion. GIT Technical Leads cannot be a part of the bidding team or financially be involved in the project. Provide the following for the GIT Lead: 1) First and Last Name, 2) Organization, and 3) email address. | |
| Annual Weighting Factors to Consider | Each year, annual weighting factors will be described, depending upon current program needs. In FY22, the following annual weighting factors are described for the Phase 1 Project Idea:   1. Project addresses a Diversity, Equity, Inclusion, and Justice (DEIJ) need. 2. Project addresses a Climate Change need. 3. Project addresses a Local Engagement need. 4. GIT Priority Project (one priority project identified per GIT). 5. Projects that address outcomes that are lagging in outcome attainability.   Provide a fair description of the extent to which the project addresses: 1. Diversity, Equity, Inclusion, and Justice; 2. Climate Change, and/or 3. Local Engagement; 4. Identify whether your project is the top GIT Priority, and 5. Describe if your project addressees an outcome lagging in attainability. Please do not overstate the projects linkage to the annual weighting factors. Collaborate with program leads for items 1-3 above to the extent needed to ensure that the project is harmonized with overall strategic direction. | |
| CBP Functional Areas  (Yes or No) | Does this project involve components that require input from the following functional areas: Web/Creative, GIS, Communications, IT, and/or Strategic Science and Research Framework Teams? If yes, have you communicated the project idea with the applicable functional areas and incorporated input (Yes or No)? | |
| Preparers | List names of all parties who were part of developing the content of this table; list first the lead preparer (the point of contact for questions/clarification). These entities will not be allowed to bid on the scope of work during the Request for Proposals (RFP) stage. Provide the following for each Preparer: 1) First and Last Name, 2) Organization, and 3) email address. | |
| Project Title  (10 words or less) | The title should be short and give a high-level view of what the project is trying to accomplish. Creative and catchy is fine only if it also captures the real purpose of the work. (Recent examples from previously funded GIT projects include *Development of Cost-Effective Methods to Measure Site-Specific Denitrification Rates for the Proposed Oyster Restoration Best Management Practices*; *Cultivating and Strengthening Partnerships with Underrepresented Stakeholders*; *Synthesis of Shoreline, Sea Level Rise, and Marsh Migration Data for Wetland Restoration Targeting*). | |
| Example Project Type (Describe the type of project submitted) | Metric Development and Tracking Projects:  Support for science needed to develop metrics  Metric/indicator development  Performance measure development  Monitoring/tracking program development  Data collection program development  Assessments of data to evaluate metric progress  Modeling support  Other (please describe) | Logic and Action Plan Implementation Projects:  Economic modeling  Database development  Policy research and recommendations  Training  Mapping, lands assessment  Baseline analyses  Environmental monitoring/demonstration  Other (please describe) |
| Proposed Project Outcomes | Project outcomes are the changes you expect to see as a result of the work being completed. Examples of Project *Outcomes* could be increased knowledge around how fish are changing habits/will change habits due to climate change; future fish ladders will be more successful due to readily available improved design standards; future fish passage policies will be reflective of resulting research. | |
| Project Justification  (500 words or less) | Explain why this work is important to the over-arching goals? Why is it important to the other GITs? How does this work build on previous work? Be succinct in the answer. | |
| Proposed Project Steps and Timeline | List all the steps required to accomplish the project goals. Make sure to include any meetings with GIT teams and other relevant stakeholders (try to quantify number of meetings anticipated); a step to review draft deliverables by relevant stakeholders; and a step for the contractor to refine the deliverables after draft review. Indicate whether the methods by which a contractor will be expected to undertake the work are well known or whether you intend for the bidders to propose the methodology; assume work will start in June 2022. | |
| Estimated Costs | Provide an estimate of the project cost (generally $25,000-$100,000 but not limited to this range). Estimating accurate budgets can be a challenge. Some tips to improve budget accuracy: to start, estimate number of the hours and other costs like supplies and travel that it would take to accomplish each of the steps identified above. Contractors can range from approximately $50 to $150 per hour (when indirect costs are factored in). Include the time it would take for the contractor to attend any meetings. Finally, account for contractor time to revise final products to incorporate stakeholder feedback. | |
| Cross-Outcome Benefits | List any cross-outcome or cross-goal benefits succinctly (Appendix A includes detailed examples). | |