**Table 1: Defining the Project and Outlining the Scope of Work**

*The purpose of this table is to articulate a project idea to evaluate project necessity/relevancy and to strengthen project outcomes, steps, and deliverables. As you are developing your ideas, consider describing in your project justification section if the following three initiatives were incorporated: 1)Science, 2) Diversity, Equity, Inclusion, and Justice, and/or 3) Local Engagement.

| *Item* | *Guidance* | | *Response* |
|---|---|---|---|
| **Goal Implementation Team (GIT)** | As determined by the Chesapeake Bay Program. | | Water Quality and Habitat GIT |
| **Project Priority #** | List the rank of this project in relation to other projects being submitted by the same GIT. Teams may submit up to four project ideas, each with a rank of 1-4. | | TBD. |
| **CBPO Creative Team Component(s)** (Yes or No) | Does this project involve components that require input from the following functional areas: Web and Creative, GIS, Communications, and IT. | | Yes. A web forum may require IT support and advertisement of the forum may require communications/web support. |
| **Proposed GIT Technical Project Lead** | If this project idea is selected to move forward for bid, the person identified as the GIT Technical Project Lead will be responsible for reviewing and recommending the selected contractor; this person will also review and approve the selected contractor's work for the duration of the project. 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. | | TBD (possible leads from WQGIT, Habitat GIT, stream health workgroup, urban stormwater workgroup, if interested, forestry workgroup) |
| **Preparers** | List names of all parties beyond the GIT lead 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. | | TBD. |
| **Project Title** (10 words or less) | The title should be short and give a high-level view of what your project is trying to accomplish. Creative and catchy is fine only if it also captures the real purpose of your work. (Good Examples: "New Methods for Resilient Fish Ladder Design"; "Research and Database Creation for In-stream Litter Collection Devices"; "Development of Invasive Plant Management at Reforestation Sites"). | | Stream restoration forum – Addressing nutrient and sediment reductions and improving stream health through improved design and placement. Initial exchange of information should build the foundation for addressing some of the CBP Science Needs (identified in spreadsheet). |
| **Project Type (check all that apply)** | Metric Development and Tracking Projects:<br>• Support for science needed to develop metrics<br>• Metric/indicator development<br>• Performance measure development<br>• Monitoring/tracking program development<br>• Data collection program development | Logic and Action Plan Implementation Projects:<br>• Economic modeling<br>• Database development<br>• Policy research and recommendations<br>• Training<br>• Mapping, lands assessment<br>• Baseline analyses | **Supports Line 21, 22 and 23 of the CBP Science Needs spreadsheet.**<br>• Support for reporting progress for Chessie BIBI<br>• Establish guidelines and relationship between stream corridor restoration activities and functional lift including biological lift. This information will support project selection, design, construction and monitoring to produce better stream health outcomes - biological lift.<br>• The identification and extent to which water quality stressors and sources of impairments associated with a TMDL may limit recovery of stream health. |

| | | | |
|---|---|---|---|
| | • Assessments of data to evaluate progress on metrics<br>• Modeling support<br>• Other (please describe) | • Environmental monitoring<br>• Environmental demonstration projects<br>• Other (please describe) | **Supports existing WQGIT logic/action plan Items 7.4 and 7.6.**<br>• Collaborate with source-sector workgroups to identify projects of mutual interest that support collective reductions of toxic contaminants, nutrients and sediments. Explore and develop approaches for estimating BMP removal effectiveness for PCBs and other selected toxic contaminants. Collaborate on reductions from stream restoration practices (with Stream Health Workgroup and USWG). Explore approaches to integrate Phase III WIP development for stormwater practices with stormwater reductions (e.g. MS4) under local toxic contaminants TMDLs.<br>• Review and refine stream restoration technical protocols in order to preserve and enhance ecological function in stream restoration, floodplain connection, and urban stream practices. |
| **Proposed Outcomes** | Outcomes are the changes you expect to see as a result of the work being completed. Examples of 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. | | Stream restoration practitioners will have a better understanding of the regulatory requirements (CWA 402, 404, state-specific), the CBP partnership water quality and habitat/stream health goals and regulators will have a better understanding of the challenges with design and placement of these BMPs. All participants will learn from the on-going research to help improve design and placement while still meeting the water quality and habitat goals of the CBP partnership. This initial forum (and perhaps future forums) will help establish a framework for addressing the CBP Science Needs associated with stream health. |
| **Justification** (500 words or less) | This is your elevator speech - why is this work 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 your answer. | | A watershed-wide forum and state-by-state webcasts or forums could help to improve the process for the proper design, placement, permitting and monitoring of stream restoration projects to meet the water quality, stream health and forest buffer goals of the Chesapeake Bay Program partnership. States throughout the Chesapeake Bay watershed have committed to use stream restoration as a BMP to meet the Chesapeake Bay TMDL restoration goals. The Chesapeake Bay Program partnership also has a goal to improve stream health and function by 10% over the 2008 baseline levels and increase forest buffers along streams. The CBP has also identified science needs associated with stream health, including establishing guidelines for restoration activities and functional uplift. Much work has been done recently in this field to update the CBP partnership's BMP expert panel report that estimates nutrient and sediment reductions to reflect new information. This expert panel work has noted that functional uplift also needs to be considered and measured, however, the charge of the expert panel was only to consider nutrient and sediment reductions. The goal of a properly designed, placed and maintained stream restoration |

| | | |
|---|---|---|
| | | BMP is to reduce nutrient and sediment pollutants and improve stream health. |
| **Proposed Project Steps and Timeline (up to 8 maximum)** | List all of the major steps required to accomplish the project goals. Make sure to include any meetings with GIT teams and other relevant stakeholders (try to quantify meetings; 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 that work will start March 2021. | *Task 1.* Establish and facilitate a steering committee to plan the conference, select the venue, design the agenda and invite key stakeholders to participate. The planning committee will include the chairs of USWG and SHWG, as well as regulators, practitioners, local governments and other key stream restoration stakeholders. 2 months.<br>*Task 2:* Research venues to support a two-day conference for 200 to 250 participants in an accessible location within the Bay watershed. 2 months<br>*Task 4.* The contractor will work with the steering committee to develop a draft and final agenda for the conference, recruit and confirm speakers, and handle all other aspects of conference logistics, including electronic advertising, registration, website support and evaluations.<br>*Task 5.* The contractor will coordinate with up to four Bay state agencies to determine their needs for a post-conference, state-specific webcast that features unified guidance from their TMDL, resource and permitting agencies. The contractor will arrange for up to two meetings/calls with each of the states to design the webcast.<br>*Task 6.* Working with the Steering committee, the contractor will then execute the conference, including all aspects of on-site logistics, production of all meeting materials, post conference evaluations and summaries of any consensus recommendations achieved. Target date 6 months from funding award.<br>*Task 7:* The contractor will work with the four selected states to produce the state-specific webcasts, including electronic advertising, registration and posting of state-specific resources on project website**.** |
| **Estimated Costs** | Provide an estimate of the project cost (generally $25,000-$75,000). 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 *YOU* to accomplish each of the steps identified above. Keep in mind that contractors can range from $50-150 an hour (when indirect costs are factored in). Don't forget to include the time it would take for the contractor to attend any meetings. Finally, don't forget to account for contractor time to revise final products to incorporate stakeholder feedback. | $50,000 or less (depending on whether it is face-to-face meeting(s) or likely a web-based forum or series of forums due to travel/meeting restrictions) |
| **Cross-Goal Benefits** | List any cross-goal benefits succinctly | • Nutrient and sediment reduction for TMDL projects, as well as reductions of bacteria, metals and toxic pollutants.<br>• Improved understanding of urban and rural stream dynamics<br>• Enhanced stream and floodplain habitats that contribute to Bay goals for increased stream health<br>• Improvements in local stream quality for Bay communities |

| | | |
|---|---|---|
| | | • Better tools for verifying stream restoration projects that can improve future designs<br>• Fewer stream projects that fail due to poor locations, inadequate stream assessments, or inappropriate designs. |