

(4) Investigating how key ecological processes may be modified by zoning; and

(5) Measuring oceanographic processes impacting upon the Tortugas Ecological Reserve.

#### Other Participant Requirements

As participants in the Interagency Science Program for Florida Bay and Adjacent Marine Systems, funded principal investigators will be expected to:

(a) Participate in meetings for planning and coordination of the Program. This includes attending and contributing to the annual Interagency Science Conference, Research Team Meetings, and other relevant technical workshops.

(b) Promptly quality control their data and make them readily available through the Coordinating Office in accordance with the data collection policy.

(c) Assist the Coordinating Office in the synthesis and interpretation of research results and the development of products of value to restoration and resource.

(d) Work with the Coordinating Office regarding small boat requirements (if any) to schedule access to the dedicated research vessel (description available on the SFERPM website earlier cited). If your project will have small boat needs that you cannot furnish, please provide description and schedule requirements in your proposal.

(e) If your project uses/relies on data/information from research categories in this Announcement, other than the one you are proposing to study, please describe.

#### Part I: Schedule and Proposal Submission

This document requests full proposals only. The provisions for proposal preparation provided here are mandatory. Proposals received after the published deadline (refer to DATES) or proposals that deviate from the prescribed format will be returned to the sender without further consideration. Information regarding this announcement, additional background information, and required Federal forms are available on the NCCOS/CSCOR/COP home page.

##### Full Proposals

Applications submitted in response to this announcement require an original proposal and 15 proposal copies at time of submission. This includes color or high-resolution graphics, unusually sized materials, or otherwise unusual materials submitted as part of the

proposal. For color graphics, submit either color originals or color copies. The stated requirements for the number of proposal copies provide for a timely review process and is cleared by OMB control number 0648-0384. (See Collection of information requirements.) Facsimile transmissions and electronic mail submission of full proposals will not be accepted.

##### Required Elements

For clarity in the submission of proposals, the following definitions are provided for recipient use: (1) Funding and/or Budget Period - the period of time when Federal funding is available for obligation by the recipient. The funding period must always be specified in multi-year awards, using fixed year funds. This term may also be used to mean "budget period". A budget period is typically 12 months. (2) Award and/or Project Period - the period established in the award document during which Federal sponsorship begins and ends. The term "award period" is also referred to as project period in 15 CFR 14.2(cc). Each proposal must also include the following nine elements or it will be returned to sender without further consideration:

(1) *Standard Form 424*. At time of proposal submission, all applicants anticipating direct funding shall submit the Standard Form, SF-424, "Application for Federal Assistance," to indicate the total amount of funding proposed for the whole project period. This form is to be the cover page for the original proposal and all requested copies. Multi-institutional proposals must include signed SF-424 forms from all institutions requesting funding.

(2) *Signed Summary title page*. The title page should be signed by the Principal Investigator (PI). The Summary Title page identifies the project's title starting with the acronym SFP 2004, a short title (less than 50 characters); and the PI's name and affiliation, complete address, phone, FAX and E-mail information. The requested budget for each fiscal year should be included on the Summary Title page. Multi-institution proposals must also identify the lead investigator from each fiscal year for each institution and the requested funding for each fiscal year for each institution on the title page, but no signatures are required on the title page from the additional institutions. Lead investigator and separate budget information is not requested on the title page for institutions that are proposed to receive funds through a subcontractor to the lead institution; however, the COP

Summary Proposal Budget Form and accompanying budget justification must be submitted for each contractor. For further details on budget information, please see Section (7) Budget of this Part.

(3) *One-page abstract/project summary*. The Project Summary (Abstract) Form, which is to be submitted at time of application, shall include an introduction of the problem, rationale, scientific objectives and/or hypotheses to be tested, and a brief summary of work to be completed. The prescribed COP format for the Project Summary Form can be found on the NCCOS/CSCOR/COP Internet site under the COP Grants Information section, Part D.

The summary should appear on a separate page, headed with the proposal title, institution(s), investigator(s), total proposed cost and budget period. It should be written in the third person. The summary is used to help compare proposals quickly and allows the respondents to summarize these key points in their own words.

(4) *Project description*. The description of the proposed project must be complete and divided into annual increments of work that include: identification of the problem, scientific objectives, proposed methodology, relevance to the SFP 2004 program goal. The project description section (including relevant results from prior support) should not exceed 15 pages. Page limits are inclusive of figures, other visual materials, and letters of endorsement but exclusive of references, milestone chart, and letters regarding cooperation from unfunded collaborators.

This section should clearly identify project management with a description of the functions of each PI within a team. It should provide a full scientific justification for the research rather than simply reiterating justifications presented in this document; and should also include:

(a) The objective for the period of proposed work and its expected significance;

(b) The relation to the present state of knowledge in the field and relation to previous work and work in progress by the proposing principal investigator(s);

(c) A discussion of how the proposed project lends value to the program goal;

(d) Potential coordination with other investigators.

(5) *References cited*. Reference information is required. Each reference must include the name(s) of all authors in the same sequence in which they appear in the publications, the article title, volume number, page numbers and