

# Panel Project Solicitation

September 14, 2018



BUSINESS TECHNOLOGIES

ELECTRICAL TECHNOLOGIES

ENVIRONMENTAL

PLANNING, PRODUCTION PROCESSES & FACILITIES

RISK MANAGEMENT

SHIP DESIGN & MATERIAL TECHNOLOGIES

SHIP WARFARE SYSTEMS INTEGRATION

SURFACE PREPARATION & COATINGS

WELDING TECHNOLOGY

WORKFORCE DEVELOPMENT

## INTRODUCTION

The National Shipbuilding Research Program (NSRP) Executive Control Board (ECB) invites the [NSRP Panels](#) to submit R&D white papers to be considered for funding as Panel Projects. **Submissions must be in accordance with the latest [Panel Project Guide \(Rev. R dated September 14, 2018\)](#).**

The ECB continues to strongly support the Panels by providing funding for projects that are not well suited for the Research Announcement project solicitation process, yet address the program’s objectives for improving technology, networking, knowledge-sharing and innovation within the industry, Navy, other national security customers, and the commercial sector, as well as working with regulatory agencies to the betterment of industry, employees, and the environment.

Below are the [ten panels](#) and their alignment with the Major Initiatives of the Program:

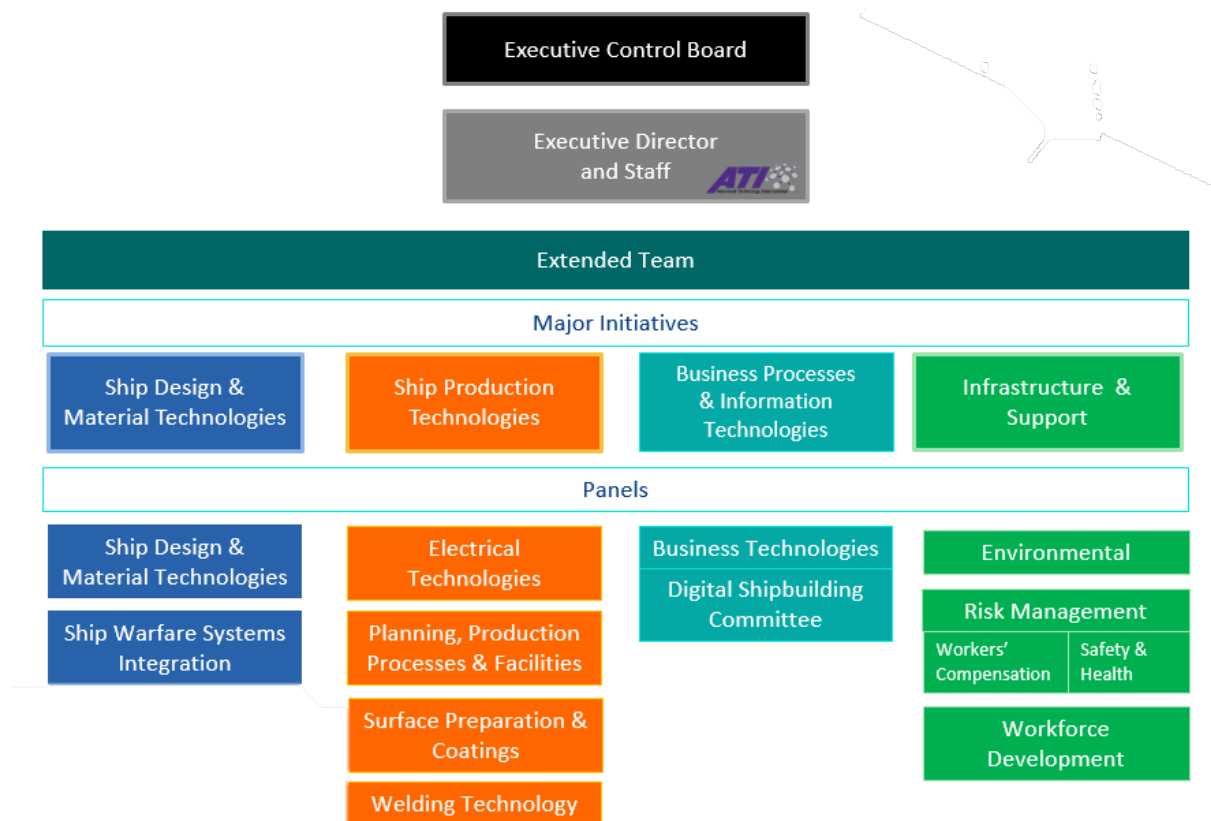


Figure 1 - Panel Alignment with Major Initiative Areas

## WHITE PAPER TOPICS OF INTEREST

Panel Project white papers addressing topics from either the [Strategic Investment Plan \(SIP\)](#) or [Technology Investment Plan \(TIP\)](#) will be of particular interest. This solicitation is issued to solicit white papers for research, development and implementation of best practices in the U.S. shipbuilding and repair enterprise that will achieve one or more of the following Strategic Objectives:

- Reduced Total Ownership Cost of ships
- Improved quality in ship design, construction and repair through continuous improvement of advanced technologies, processes and data management applications
- Enhanced workforce excellence
  - Improved safety, wellness and environmental stewardship for shipyards and shipboard personnel
  - Recruitment, training, engagement and retention of shipbuilders through collaboration, knowledge sharing and attitude management during change
- Reduced cost associated with ship systems integration during ship design, construction, modernization and maintenance
- Increased materials and process commonality across the shipbuilding and ship repair enterprise to reduce cost
- Identification of best practices from all sources regarding cybersecurity technologies

Panel officers should strongly encourage their membership to review both the [Strategic Investment Plan](#) and the latest [Technology Investment Plan \(TIP\)](#) prior to submission of white papers under this solicitation. However, as always, this is not meant to restrict the process. Both in Panel white paper submissions and in ECB selection, the objective is always to fund the best available ideas that support the NSRP mission with the money available.

## WHITE PAPER SUBMISSION PROCESS

### 1. White paper specifics:

- No more than three pages of text, with cost information on a fourth page
- No more than \$150,000 in program-funded costs
- No more than 12 months in duration
- At least one member shipyard should be a project participant– *multiple shipyard participation is strongly encouraged*
- Fee or profit associated with the work is not allowed for panel project awards to NSRP ECB member shipyards, or other recipients who are performing research deemed substantive to the goals of the NSRP program. On a case-by-case basis, fee/profit on panel project awards to small businesses (using SBA size standards) and commercial organizations that do not typically do government business may be authorized. The NSRP Agreements Officer must approve any profit/fee on proposed panel project



awards. Payment of reasonable fee or profit when making purchases from suppliers of goods (e.g., supplies and equipment) or services needed to carry out the research are allowable.

2. White papers shall be submitted directly to the appropriate Panel Chair (Proposers: see [Figure 1 – Panel Alignment with Major Initiative Area](#) above).
  - **Internal timelines:** Panel Chairs will establish their internal submission timelines and announce them via email and the NSRP website. Panel Chairs will also announce, via email, any information relevant to this solicitation throughout the solicitation process.
3. Although not required, Panel Chairs are encouraged to share white papers they received with other panels, particularly those that may have some purview over the subject matter involved. Advanced Technology International (ATI) will facilitate a discussion of white paper topics with the Panel Chairs, focusing on projects that span multiple functional areas and those that would be better suited for a panel other than the original recipient.
4. Panel Chairs and members review and prioritize white papers submitted to their respective panel.
5. Panel Chairs submit up to three prioritized white papers, using the White Paper Submission Form, to the ATI NSRP Staff. The White Paper Submission Form can be found in the [Panel Project Guide Rev R](#).
6. In addition, white papers for Joint Panel Projects involving two or more panels may be submitted in addition to each panel's individual submissions. No one panel may be part of more than one joint panel project white paper.
7. The ATI NSRP Staff reviews white papers for any technical or cost issues and sends questions to Panel Chairs for their response.
8. Panel Chairs, working with proposers and panel members, develop responses.
9. Panel Chairs submit responses to technical and cost issues to the ATI NSRP Staff.
10. Panel Chairs present project white papers to the Executive Control Board at the project selection meeting. The Panel Chairs have the option to invite white paper authors to brief the Executive Control Board at the project selection meeting. The brief can be conducted in-person or via conference call if infrastructure supports. In-person attendance will be at the expense of the white paper author.



Below is a flow chart illustrating the panel project submission and selection process:

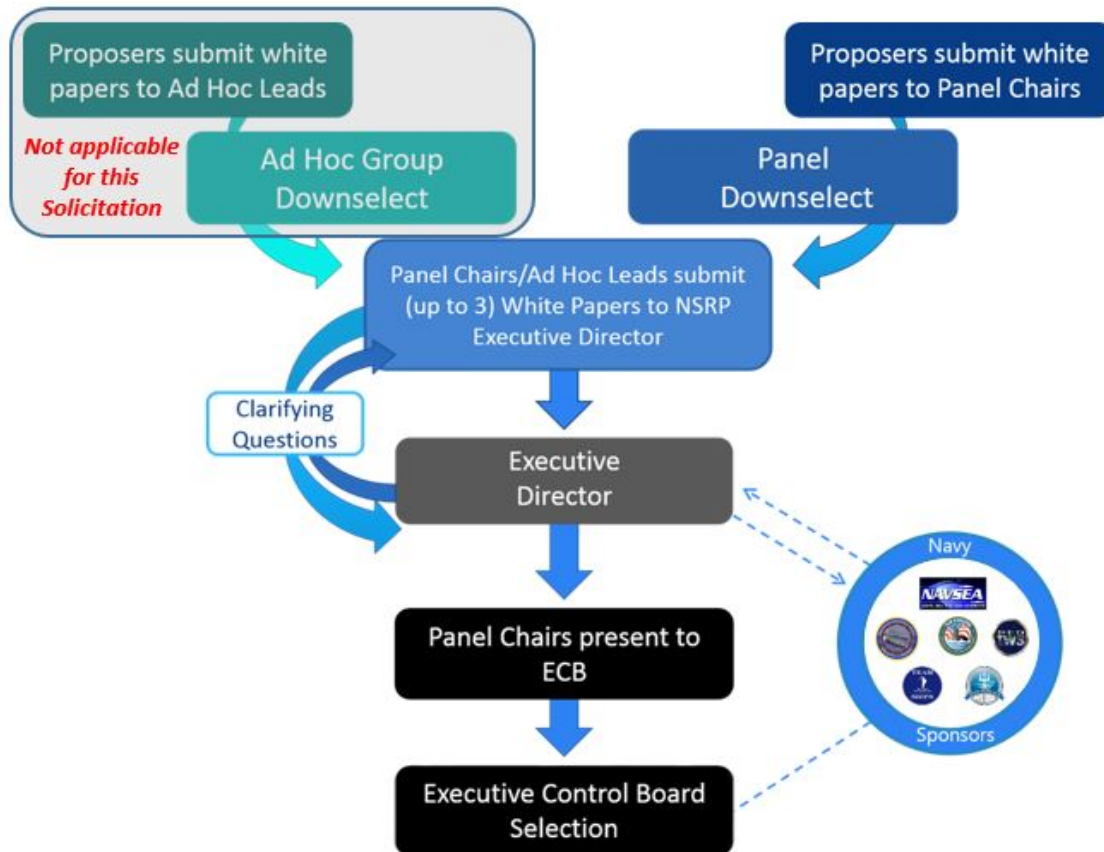


Figure 2 - Panel Project Selection Process

## EVALUATION CRITERIA

- Technology transfer and implementation objectives that benefit both industry and government are clearly stated.

NOTE: “Technology transfer and implementation” involves more than simply giving presentations at meetings and conferences. NSRP project proposals should include not only plans for disseminating information but also plans for others to receive that information and act on it to realize benefits from the project results. Develop these plans with the following steps in mind, along with other guidance in the [NSRP Technology Transfer and Implementation Guide](#):

- disseminate project information during the project lifecycle;
- facilitate adoption of the technologies and/or processes developed under the project across the industry;
- describe methods to engage industry and government stakeholders; and
- transition the final project results to the U.S. shipbuilding industry

- Inclusion of a convincing, well-articulated business case.
- Reasonableness of proposed costs.
- Commitment by one, or preferably, multiple shipyards.
- Other shipyards, organizations and/or companies that have committed to participate should be clearly identified. If the lead proposer is a shipyard, commitment by the technical department, as well as the business/financial authority, is critical.
- Government funding sponsor involvement is encouraged.
- For projects that involve a survey, submissions should include evidence of a commitment by the selected audience to participate in the survey.
- White papers that do not contain the required certification with their cost table will be rejected and not presented to the ECB for consideration.
- Risks to successful project completion
- All projects, if applicable, shall include Government Purpose Rights. Specially negotiated rights are subject to approval by the NSRP Agreements Officer prior to award.

## TEAMING

If the project is selected for award, the lead proposer shall conduct a pre-award Business Evaluation of all project team members, subcontractors and consultants, as described in the [Base Task Order Agreement](#).

## PROJECT AWARD

The Executive Control Board will select projects for award at their Spring 2019 meeting. Based on NSRP program requirements to demonstrate value, Panel Chairs should expect questions from the ECB and Navy and other government sponsors on expected benefits and potential return on investment regarding their proposed projects.

Further information on the submission, evaluation and award process can be found in the [Panel Project Guide Rev R](#).

## NOTICE TO FOREIGN-OWNED FIRMS

Foreign contractors should be aware that prior Government approval may be required before their proposals can be considered. All proposals must comply with the Export Administration Regulation (15 CFR 730-774) (EAR) or the International Traffic in Arms Regulations (22 CFR 120-130) (ITAR), and the National Industrial Security Program Operating Manual (DoD 5220.22-M) (NISPOM), insofar as the EAR, ITAR, and NISPOM apply to various activities performed in the execution of the project.



## DEADLINE

Deadline for Panel Chairs to submit white papers to ATI is 12:00 p.m. (noon) ET on **January 15, 2019**. Panel Chairs are to submit white paper(s), using the White Paper Submission Form.

**NOTE: White paper submitters are reminded that each Panel Chair will have interim due dates to accommodate their panel's down-select process prior to submission to ATI. Please regularly check the NSRP website for those dates.**

Any questions can be directed to Frances Pearce ([frances.pearce@ati.org](mailto:frances.pearce@ati.org)) or Nick Laney ([nicholas.laney@ati.org](mailto:nicholas.laney@ati.org)).

