

## RESEARCH PROPOSAL SUBMISSION REQUIREMENTS

Please use the following format when submitting research proposals to the Concrete Reinforcing Steel Institute (CRSI). The proposal is to be prepared on one side of a printed page, with 1-inch margins all around. Use 11 point Times Roman font for the body text, 1.5 lines spacing. Proposal submission are to be written in English. Failure to comply with these requirements will constitute a non-responsive submission.

The proposal must have the following components:

### 1. COVER PAGE

- Date
- Project Title
- Faculty - name, title, department
- University or company – address, email and phone
- Additional partners and participants (when applicable)
- Cover graphics (optional)

### 2. EXECUTIVE SUMMARY

200-400 words

#### **Project Objective**

Concisely state the purpose of the research. Describe the problem(s) to be solved or what innovation, if any, will be developed.

#### **Project Significance (optional)**

Elaborate on how this research affects the use of steel reinforcement in concrete, such as Code implications or enhanced state-of-the-art or practice.

### 3. PROPOSAL BODY

This portion of the proposal is not to exceed five (5) pages in length, including any figures or tables.

#### **Background**

Provide a short synopsis of the problem and background information relevant to your understanding of the problem. Cite previous research studies and what is contained in the literature on the subject matter.

#### **Project Description and Research Plan**

The research plan shall detail the project work program, including the submission of a final report. Describe how the objectives will be achieved through a logical, innovative, and rational scientific plan. Outline your proposed test method, specimen types, etc. Be concise yet include sufficient detail to describe the approach to solve the problem. The CRSI Foundation wants to ensure you understand the problem and how you plan to conduct testing to examine the problem. Number the tasks to illustrate the anticipated progression of the project.

### **Facilities Statement**

State what equipment your institution has available and is planned for use on this project. State if additional equipment is needed. Itemize the supplies you have assumed a CRSI member company will reasonably supply gratis to the project (reinforcing bars, tie wire, chairs, mechanical splices, etc.). State whether or not you have made contact with a local member CRSI company already to facilitate this donation.

### **Schedule**

Provide an anticipated schedule for completion of the stated research tasks, in accordance with the projected start date.

### **Report**

State when the final report or thesis will be completed. The final report must be in a format suitable for potential publication as a CRSI Research Report. Also, the report must be submitted in an electronic format to allow for distribution from our website. Further publication as a paper in a refereed technical journal is encouraged, with acknowledgement of the CRSI funding.

## **4. APPENDIX A – RESEARCH FACILITIES**

Not to exceed two (2) pages. Provide a brief description of your research facilities, supplemented with illustrations. A divider sheet designating the Appendices will not count against the page limit. A boilerplate pamphlet description of your laboratory facility will suffice for this requirement.

## **5. APPENDIX B – STAFFING**

Not to exceed one (1) page for each research team member. Provide a brief description of area of expertise and background of the principal investigator (PI).

## **6. APPENDIX C – FEE SCHEDULE**

Provide a clearly organized breakdown of the project fees anticipated for the project, including any matching funds to be used to supplement the CRSI Foundation Award. CRSI limits the amount of institutional overhead that may be charged to 15 percent of direct costs. However, it is our preference that the proposer excludes institutional overhead costs to maximize the award to the project.

Cost sharing is an important aspect to support and sustain this CRSI Education & Research Foundation sponsored research award. The (lead) research institution is responsible for securing, retaining, managing, certifying and delivering of cost sharing. The total level of cost sharing is the responsibility of the lead institution but can include contributions by any or all proposed project partners. As a minimum, cost sharing will include indirect costs on the funds required from the CRSI Foundation. The proposed cost sharing must be shown in the proposal budget.

### **RESEARCH NEEDS**

A list of current research needs in our industry is included in the CRSI Request for Proposals. Proposals will be considered for research topics not included on this list, as long as the topic pertains to steel reinforced concrete. CRSI is dedicated to funding practical research having direct benefits to the steel reinforced concrete design and construction communities.



**Concrete Reinforcing  
Steel Institute Foundation**

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**CLOSURE**

An electronic submission of the proposal is due on the date assigned in the CRSI Request for Proposals to the undersigned by 5 p.m., Central Time. The submission must be in PDF format.

Submit the proposal to:

**Amy Trygestad, PE**

Vice President of Engineering  
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