

September 1, 2022

Dear Faculty,

The Concrete Reinforcing Steel Institute (CRSI) Foundation is a nonprofit organization dedicated to supporting the advancement of reinforced structural concrete through education and research. The CRSI Foundation sponsors an annual research grant program to carry out basic research needed for the steel reinforced concrete industry. The research grant awards are up to \$30,000 each for institutions located in the United States or Canada.

CRSI has prepared the following list of research needs for our industry:

- Industry Practice: Bend diameters of high-strength reinforcing bar, including fabrication tolerances
- Industry Practice: Large bar diameter bending and shearing, including fabrication tolerances
- Standardization of bend diameter and fabrication tolerances
- Relationship between high strength reinforcing bars and maximum allowable strain in high strength concrete to increase the allowable f_y for high strength reinforcing bars in ACI 22.4.2.1.
- Decarbonization for steel reinforcing and steel-reinforced concrete

Proposals will be considered for research topics not included on this list, as long as the topic pertains to steel reinforced concrete. The proposed research work must clearly elaborate on the research application to the reinforced concrete field and anticipated contributions to the state of the art. Proposers are encouraged to procure matching support from other sources and work with their CRSI regional manager to coordinate with local suppliers, fabricators and/or steel mills.

CRSI limits the amount of institutional overhead that may be charged to 15% of direct costs. However, it is our preference that the proposer excludes university overhead costs to maximize the award to the student / project.

The due date for submitting a research project proposal for funding in 2023 is December 15, 2022, by 5 p.m. (CST). Please submit proposals to Amy Trygestad at atrygestad@crsi.org. Research project proposals will then be evaluated by the CRSI Research and Development Committee and submitted for funding approval by the CRSI Foundation at the Spring Technical Meeting in April.

Additional information on the program and submission guidelines is available for download at www.crsifoundation.org.



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