

- ☒ WSU - Research Office
☐ WSU Foundation

WSU OFFICE OF RESEARCH PROPOSAL ROUTING FORM

Prop # 220215

GDS: SH

MAC USERS: Please fill complete using the latest version of Adobe Reader

FINAL proposals are due a MINIMUM of 3 days prior to the Agency Deadline

Paper submissions which include cost share and/or waived indirects require additional processing time.

Principal Investigator (PI): Monowar Hasan

Agency Deadline: 09/20/21

Sponsor/Agency: NSF

Solicitation #: CRII 21-591

Project Title: CRII: CNS: Integrating Security Tasks into Multicore Real-Time Systems

Period From: 05/01/22

To: 04/30/24

YEAR ONE

TOTAL PERIOD

Direct Costs:	\$57,275.00	\$122,772.00
Indirect Costs	\$24,190.00	\$52,228.00
Total Costs	\$81,465.00	\$175,000.00
Cost Share:	\$0.00	\$0.00

PI's Effort (Total Project Person Months) 1.62

Course Release? No Overload? No

Project Type: Basic Research

Indirect (F&A) Rate (MTDC):

- ☒ Organized Research 48% ☐ Off Campus 26%
☐ Instruction 50% ☐ Commercial 63.61%
☐ Other Sponsored Activities 30%

If Sponsor Limits F&A,
what rate is allowed?

Rate applied to this
proposal (if not listed
above)

Home/Dept Projects only: This project utilizes approved rates and includes the appropriate F&A rate. ☐ Yes ☐ No

Fundamental Research

☒ Yes ☐ No

Research where the results are ordinarily published and shared broadly within the research community, and for which the researcher has not accepted restrictions for proprietary or national security reasons.

COMPLIANCE REVIEW: To be completed by the PI - MUST answer Yes or No to ALL

- | | | | | | |
|---|---------------------------|---|-------------------------|---|---------------------------|
| <input type="radio"/> Yes <input checked="" type="radio"/> No | Human Subjects | <input type="radio"/> Yes <input checked="" type="radio"/> No | Biological Materials | <input type="radio"/> Yes <input checked="" type="radio"/> No | Infectious Agents |
| <input type="radio"/> Yes <input checked="" type="radio"/> No | Hazardous Chemicals/Waste | <input type="radio"/> Yes <input checked="" type="radio"/> No | Clinical Trials | <input type="radio"/> Yes <input checked="" type="radio"/> No | Proprietary Information |
| <input type="radio"/> Yes <input checked="" type="radio"/> No | Animals | <input type="radio"/> Yes <input checked="" type="radio"/> No | Medical Devices/Drugs | <input type="radio"/> Yes <input checked="" type="radio"/> No | Foreign Natl/Int'l Collab |
| <input type="radio"/> Yes <input checked="" type="radio"/> No | Radioactive Material | <input type="radio"/> Yes <input checked="" type="radio"/> No | Recombinant DNA or RNAi | <input type="radio"/> Yes <input checked="" type="radio"/> No | Foreign Travel/Shipping |
| <input type="radio"/> Yes <input checked="" type="radio"/> No | HIPAA/PHI* | <input type="radio"/> Yes <input checked="" type="radio"/> No | ITAR/CUI* | <input type="radio"/> Yes <input checked="" type="radio"/> No | Includes Suprecipients |

Does this project pose a conflict of interest for you or any anticipated project member? ☐ Yes ☒ No

Have you or any anticipated project member been debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from transactions by a federal department or agency? ☐ Yes ☒ No

Are you or any anticipated project member currently delinquent on any federal debt? (i.e. taxes, student loans, etc.) ☐ Yes ☒ No

Does this project require facilities that are not currently allocated/available to you? ☐ Yes ☒ No

WSU Department/College/Center Responsible for Matching Funds/Cost Share

Amount

NOTES/COMMENTS:

***Definitions:** HIPAA/PHI - Health Insurance Portability and Accountability Act/Personal Health Information; ITAR/CUI - International Traffic in Arms Regulations/Controlled Unclassified Information

NEW - RTT is now tracking PI/Co-PI involvement on sponsored projects. Please complete the table below. This information will be used when reporting proposal/award totals across PI/Co-PI roles, departments and colleges.

Name	Role	Dept/College/Center	% of Project
Monowar Hasan	PI	EECS/Engineering	100

Total Project Allocation **MUST** equal **100**

100

ACKNOWLEDGMENTS AND CERTIFICATIONS:

As the Principal Investigator, I acknowledge that I have reviewed and considered all terms and conditions (including those that must be accessed electronically), and I understand that said terms and conditions are/may be applicable to any and all work performed should the application be successful. My signature indicates my knowledge of the terms and conditions and my willingness/ability to comply therewith. With respect to any invention, discovery, or copyrightable material produced in the course of activities encompassed by this project, I agree that my rights and those of any Co-Investigator(s) working on this project shall be governed by the University policies relating to research, patents and copyrights as described in the WSU Faculty Handbook, and by the patent policy of the Kansas Board of Regents; and I have read and understand the lobbying restrictions and Responsible Conduct of Research requirements for **FEDERAL** grants, contracts and cooperative agreements attached hereto as page 3.

As the Principal Investigator, I hereby certify that: 1) the information submitted within this application is true, complete and accurate to the best of my knowledge; and 2) any false, fictitious or fraudulent statements or claims may subject me personally to criminal, civil or administrative penalties; and 3) I agree to accept responsibility for the scientific conduct of this project and provide the required progress reports if a grant is awarded as a result of this application.

FORM WILL LOCK ONCE SIGNED BY PI - ENSURE YOU HAVE READ AND COMPLETED ALL PRIOR SECTIONS

PI Signature:

Date: 09/02/21

Agreement of project involvement and acknowledgements and certifications of Co-Principal Investigators (as applicable)

Co-PI		Co-PI	
Co-PI		Co-PI	

The validity of the proposed activity and commitment of resources (as noted) are hereby authorized.

PI Chair/Center Director	Date	PI Dean/Vice President	Date
Additional Endorser / Co-PI Chair/Dean	Date	Additional Endorser / Co-PI Chair/Dean	Date
Additional Endorser / Co-PI Chair/Dean	Date	Additional Endorser / Co-PI Chair/Dean	Date
Additional Endorser / Co-PI Chair/Dean	Date	Additional Endorser / WSU Foundation	Date
Pre-Award	Date	Provost or Senior Vice President	Date

Required for proposals with waived indirects and/or cost share

CERTIFICATION REGARDING LOBBYING

The applicant certifies, to the best of his or her knowledge and belief, that: (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the applicant, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement. (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the applicant shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. (3) The applicant shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

RESPONSIBLE CONDUCT OF RESEARCH (RCR)

RCR training is a funding requirement for the National Science Foundation (NSF), the National Institutes of Health (NIH) and the USDA National Institute of Food and Agriculture (NIFA). Researchers applying for, and receiving, support from NSF, NIH or NIFA should be familiar with each agency's requirements with regards to RCR and be prepared to provide documentation of appropriate training. While RCR training should be an ongoing component of any research program, at a minimum, personnel on projects with a research component will need to register and complete the "Externally Funded Researchers" RCR course through the Collaborative Institutional Training Initiative (CITI) during the first 90 days of receiving salary support.

Anticipated financial management of funds are:

☒ WSU Post-Award Team ☐ WSU Home/Lab/Dept Account ☐ WSU Foundation

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