**Action Items from Panel and Program Director for POSE Proposal 2518372–** **Submit your response within two (2) business days of the date of this request**

**Notes:**

* **Please acknowledge receipt of this communication.**
* **Always include your proposal number on the subject line of any communication with the Program Officer.**

Dear Dr. Ghenis,

**NOTE: If the proposed project includes studies with laboratory animals and/or human subjects, please provide an IRB or IACUC letter as soon as possible. NO AWARD CAN BE MADE WITHOUT AN IRB APPROVAL OR EXEMPTION LETTER, OR AN IACUC AWARD LETTER.**

Thank you for submitting an application to our POSE solicitation. Your POSE Phase I/Phase II proposal has been reviewed by a panel of experts. I need additional information for the ongoing evaluation and due diligence. Please copy/paste this email in MS Word and provide a response to this e-mail in a **Word attachment**. Please respond as soon as possible and definitely within 4 business days. A specific written response is required for each of the following questions or concerns. Each response (a) must be self-contained without referring to other responses (or the proposal) in your reply and (b) should not be more than half page.

Please be aware that this communication is in NO WAY an indication of a successful award. **In fact, many proposals do not make it past this stage.** If you have previously provided some of the information requested below, please include it again in your response to this email.

**SECTION 1:**

During the review process, several weaknesses have been identified that we are giving you an opportunity to address.

**Panel and Program Director Questions:**

Please provide responses to the following questions:

1. Please clarify your tasks to be accomplished and provide quantitative milestones and quantitative outcome metrics.
2. Kindly propose alternative strategies if the desired metrics of success are not met.
3. Please clarify what has been developed to date and what will be developed under this proposal.
4. Please address your current and planned intellectual property activities.

**SECTION 2:**

**Administrative Certifications:**

1. If there are any overlapping, similar or equivalent past, current or pending applications that have been submitted to other federal agency/agencies as of today’s date, please address the status as below.

(1) provide documentary evidence that any overlapping, similar or equivalent proposal was not funded; or

(2) provide documentary evidence that your overlapping, similar or equivalent proposal has been withdrawn from review; or

(3) provide documentary evidence of the status of any non-NSF applications, and confirm that only one of the applications will be pursued if you are unable to certify and document either #2 or #3

RESPONSE:

1. **If you have chosen a duration of less than 12 months, I urge you to re-affirm the timelines and budgets are reasonable for the project or ask for an adjusted timeline (within the max allowed budget).** If necessary, please submit an updated timeline/milestone chart that clearly illustrates the performance plan of your project in a separate file.

RESPONSE:

1. Please certify that you will **not use POSE funds** for: (1)the development of open-source products, including tools and artifacts, (2) to fund existing well-resourced, open-source communities or ecosystems, (3) to support the development of products that are proprietary and/or intended for profit.

RESPONSE:

1. **Please confirm that the information provided in the Biographical Sketches of the proposal for the senior personnel on the project is correct and up-to-date.** If applicable, provide updated Biographical Sketches in NSF-approved format for all participants on the project or reference the page number of the proposal where they may be found for each individual.

RESPONSE:

1. [*This question is for statistical purposes only and does not affect your chances of award*]. Please indicate whether part or all of the fundamental academic research underlying this project was funded by NSF. If so, please provide the NSF award number(s).

RESPONSE:

1. **As applicable for applicant and/or all other organizations involved as for example subawardee, subcontractor, etc. please provide proof of right to use the addresses for company business** (copy of business license, copy of the lease or signed letter from someone authorized to allocate that space). Write n/a if all organization are Institutes of Higher Education (IHEs).

RESPONSE:

1. **Please certify in writing** that the PI on the award has the legal right to work in the U.S., and she/he will be primarily employed by the proposing organization for the duration of the award, and does not have primary appointment(s) at non-U.S. based non-profit or non-U.S. based for-profit organizations.

RESPONSE:

1. The section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2019 (Pub. L. 115-232) prohibits the head of any federal agency from procuring contracts with or issuing grants to entities that use equipment or services from Huawei Technologies Co Ltd, ZTE Corp, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities), as a substantial or essential component of any system or as critical technology as part of any system. Please certify in writing that you do not currently nor will enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities), or video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

RESPONSE:

1. Please provide in writing the details of **3 alternate quotes for any outsourced work** outlined in this proposal (EXCLUDING SUBAWARDS), and provide a justification of the consultants or services or products you plan to utilize in this proposal.

RESPONSE:

1. (Non-profit, non-academic organizations, and For-profit organizations) A business has the freedom to pursue any technology and market area, with notable exceptions. One of these exceptions are projects where the envisioned pathways involve the production, distribution, or sale by the company of chemical components, natural or synthetic variations thereof, or other derivatives related to Schedule I controlled substances. If your company is directly involved in any products related to Schedule I controlled substances, NSF cannot support a proposal from your company, even if the proposal does not focus on these products. **Please certify in writing that the company is not directly involved in commercialization of any products related to Schedule I controlled substances.**

RESPONSE:

1. **Ownership and Control Requirements (If Applicable):** Non-profit and for-profit proposing organizations must be U.S.-based, and U.S.-owned and controlled. Please provide a detailed **Capitalization Table** showing percentage of company/organization ownership per person/entity. As outlined in the solicitation, a majority (more than 50%) of a proposing organization's equity (e.g., stock) must be directly owned and controlled by one of the following:

(1) One or more individuals who are citizens or permanent residents of the U.S.;

(2) Other U.S. firms, each of which is directly owned and controlled by individuals who are citizens or permanent residents of the U.S.;

(3) A combination of (1) and (2) above.

Please provide a detailed **Capitalization Table** showing percentage of company/organization ownership per person/entity. Please include a column in the capitalization table indicating if each person/entity is a US Citizen/Permanent Resident or not. In that column indicate for every line-item whether the line-item entry is (1), (2) or (3) from above or Not Applicable (N/A). Please identify if share options have been exercised and to which individual or entity these belong.

Write n/a if all organization are IHEs.

RESPONSE: