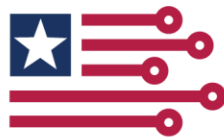


# Natcast



## SMAP

### Q&A

**Version: V3.0 (Updated June 02, 2025)**

#### Revision History

Date	Author	Change
04/25/2025	Program Staff	V1.0 Initial questions (1-4)
05/02/2025	Program Staff	V2.0 Questions 5-50 (Proposers' Day + Additional)
05/05/2025	Program Staff	V2.1 Update #9 and #10 (Proposers' Day materials)
06/02/2025	Program Staff	V3.0 Question Updates

No.	CFP Reference	Category	Question	Answer
1	CFP 4.3	Submission requirements	On page 40, the CFP mentions that a single entity may only submit a maximum of two (2) proposals (one to each Focus Area). Does this limitation include Concept Papers as well?	Proposers may submit more than 2 concept papers. Each concept paper should only include 1 Focus Area. Proposers may submit multiple concept papers on the same Focus Area. As mentioned in the CFP, a single entity may submit a maximum of two (2) full proposals (one to each Focus Area).
2	CFP 4.3	Submission requirements	Is there any limitation on the number of submissions per organization?	There is no limit on number of concept papers submissions per organization. Full proposal submissions are limited to 2 (one per Focus Area) per lead organization. For full proposals, refer to CFP Section 4.3.
3	CFP 1.3	Scope	Are Optical/Photonic interconnects in scope?	SMAP focus is limited to die-to-die interconnects of any type within single SoC/SiP (system-in-package). SoC/SiP-to-SoC/SiP interconnects (aka scale-out) of any type are out of scope.
4	CFP 1.3 and	General	I only have expertise in some of the SMAP areas? What should I do?	Full proposals should address all the Technical Areas. Proposers are encouraged to partner with other organizations towards developing full proposal if they need expertise in certain areas.
End of 04-25-2025 Update / Start of 05-02-2025 Update (V2.0)				
5	CFP 4.3	Submission Requirements	How to interpret: "Naming Convention: Proposers are to include their OpenWater Application # in the title of their Submission"?	<p>OpenWater is the portal to submit both the SMAP Concept Paper and Full Proposal submissions. When creating an account on OpenWater, it will automatically generate an OpenWater Application # (a four-digit number). That is the number we request be included on the Cover page of your Concept Paper PDF submission and as part of the title / filename of your submission.</p> <p>Example: <b>5885</b>_[Institution]_SMAP-[ConceptPaperTitle].pdf</p> <p>*bold portion is an example OpenWater Application #.</p>

6	CFP 4.3	Submission Requirements	What is the 'Opportunity Number' listed on the Cover Page of the Concept Paper Template?	The SMAP CFP Opportunity number is on the first page of the CFP: NAT-RD-25-0001.
7	CFP Appendix B	Submission requirements	Cover page – focus area and task area. What is needed for task area in this section?	The task area is not required for this program. The template should include “if applicable”. You should disregard this box in the template. The Concept Paper and Technical Narrative Templates have been updated to reflect that Task Areas are not applicable to SMAP. These templates have been uploaded to the SMAP site.
8	CFP 4.3	Submission requirements	If an entity submits one or two proposals as a lead, <b>can it also participate as a sub-awardee in additional proposals</b> led by other organizations? Is there <b>any limit</b> on the number of proposals in which an entity can participate <b>as a sub-awardee</b> ?	Proposers may submit more than 2 concept papers. Each concept paper should only include 1 Focus Area. Proposers may submit multiple concept papers on the same Focus Area. As mentioned in the CFP, a single entity may submit a maximum of two (2) full proposals (one on each Focus Area). There is no limit to the number of proposals an entity can participate as subawardee.
9	Proposer's Day Event Portal	Teaming Contacts	Do you have a list of people and companies that presented at the end of the day?	Yes, the list is posted in the Proposers' Day event portal (CVENT): <a href="https://cvent.me/YRNBXY">https://cvent.me/YRNBXY</a> . Log in to the event portal to locate this document. It will be available until <b>May 23, 2025</b> .
10	Proposer's Day Event Portal	Presentation Materials	Are there any presentations from the SMAP proposers' day meeting available to view?	Yes, materials from the event, include a recording of the event are available in the <b>Proposers' Day event portal</b> (CVENT): <a href="https://cvent.me/YRNBXY">https://cvent.me/YRNBXY</a> . Log in to the event portal to access the event materials. It will be available until <b>May 23, 2025</b> .
11	CFP 3.0	Eligibility	Does every single member of a proposal need to be a member of the NSTC?  Do unfunded team members need to be a member of the NSTC?	It depends on the scope and nature of how involved they are. If anyone on the team is classified as a subawardee, they need to be an NSTC member. There is a distinction between a subawardee and a contractor. Subawardees have substantive involvement in the research.

				Definitions of Subawardee versus Contractor are available in the Natcast SMAP Program Budget Template online under the 'Guide-Subawardee vs. Contractor' Excel Tab.
12	CFP 4.3	Teaming	With regards to the Concept Papers due May 6, would the paper cover a single entity or the entire team for the program?	The Concept papers may cover the entire team for the program.
13	CFP Appendix B (table 8) and C.17	Submission Requirements	<p>Can you please provide any guidelines for letters of support from potential non-participating entities?</p> <p>What is the deadline to submit them and when are they supposed to be sent in (concept paper stage or full proposal phase)?</p>	<p><i>Letters of Support</i> are not required as part of the SMAP Full Proposal Submission. However, <i>Letters of Commitment</i> are required from each proposed Subawardee.</p> <p>Please refer to SMAP CFP Appendix C – C.17 for Letters of Commitment guidance. Letters should be submitted with the full proposal submission.</p> <p>Concept papers should not include Letters of Commitment.</p>
14	CFP 4.3	Submission Requirements	Do we have to have the full scope of our team if we were to submit our concept paper deadline next week? Or can we submit the technical concept paper and then come back with full proposal a more detailed team scope?	Full scope is not required at concept paper submission. It is understood that a proposer's team may change between submission of the concept paper and the full proposal submission.
15	CFP Appendix C.15	Eligibility	If we are a participant in a similar and parallel program in another CRDO program, is there a conflict of funding there?	Please refer to SMAP CFP Appendix C, Section C.15

16	CFP 1.3	Goals and Outcomes	Please define what would make the memory novel enough? Materials, architecture, integration, density, power, ...?	The premise of SMAP is to explore new memory technologies integrated with traditional memories (such as SRAM, DRAM and flash) to bring significant performance boosts and energy efficiency. All the relevant metrics related to that are in the scope.
17	CFP 4.1	General Information	How quickly will we receive feedback on the concept paper before the full proposal is due?	Proposers will receive feedback on concept papers within 14 days after the concept due date.
18	CFP 4.3	Teaming	Can one PI or Co-PI be in multiple teams?  Can a small software company participate in multiple proposals?	A single entity may only submit a maximum of two (2) full proposal submissions (one to each Focus Area) as the lead proposer but may participate on more than two teams as subawardees or unfunded collaborators.
19	CFP 3.3, Appendix C.15	Eligibility	Can co-funding scenarios include DOC/Natcast with other US Govt agency programs?	Please disclose any concerns about Conflicts of Interest or Conflicts of Funding to the SMAP Program Staff and each will be addressed on a case-by-case basis.  Please refer to SMAP CFP Appendix C, Section C.15.
20	CFP 1.4	Scope	Can the PPF capabilities be included in SMAP proposals? Perhaps the timelines don't line up?	Proposals should include currently available capabilities.
21	CFP 4.0	Submission Requirements	Does each concept paper need to be complete in the Memory Packaging and Programming Model?	It is recommended they are complete to receive feedback. However, it is not a requirement for concept paper submission. Full proposal should address all the technology areas.
22	CFP Appendix B	Submission Requirements	Is a formal budget and coordination among sponsor office of the institutions required for the concept paper or estimate budget by the lead PI is enough?	A formal budget workbook is not required for the concept paper. The concept paper should provide a high-level estimated budget breakdown per phase. (See Appendix B of the CFP).

23	CFP 1.4	Scope	Can the memory solution itself be heterogeneous - some NVM some volatile some fast some slow - in the same defined array?	Yes, this is in the scope of SMAP.
24	CFP 1.4	General	Why separate edge from datacenter, when the underlying problems are almost identical?	Architectures, workloads, expertise and trade-off analysis metrics are different for data center and edge systems. If a proposer has architecture and workloads that scale across edge and data center, they can submit proposals for both focus areas utilizing the re-use.
25	CFP 1.4	General	Technology areas - do they have to be combined? Or are they separate areas all under improving memory?	Please refer to SMAP CFP Section 1.4 Scope: Each proposal must cover all three Technology Areas.  All the technology areas should be addressed in solution proposed.
26	CFP 1.4	Scope	Can a concept paper for Data Center focus on just the programming model?	It is advised that the concept paper address all technology areas. It is not required to address all areas for concept paper submissions. Concept papers can be submitted with single area to receive feedback. However, according to the SMAP CFP Section 1.4 Scope: Each proposal must cover all three Technology Areas.
27	CFP 1.4	Scope	Are the proposers expected to select one promising memory device for the proposal, or to be memory-agnostic and evaluate different memories in the framework?	Proposers can select multiple new memory technologies in the architecture evaluation and framework development.
28	CFP 1.4	Scope	For baseline hardware, is commercialized hardware systems, such as NVIDIA edge computers, considered appropriate baseline for AI inference?	Yes

29	CFP 1.4, 1.7, 1.8	Scope / Deliverables / Metrics	What are the expected outcomes? Do we need to produce a physical chip prototype as a result of the project?	SMAP outcomes and deliverables are described in the CFP. This first research program is an architecture study and there is no development of physical chip.
30	CFP 1.4	Scope	Is a single system-in-package that combines multiple different 3D stacks on the same silicon interposer in scope?	Yes
31	CFP 1.4	Scope	The increasing cyber-insecurity jeopardizes data at rest & in transit. Efficient cryptography means are required to protect these assets. Could it be included?	Submit a concept paper for feedback on specific scope or technology details. However, the proposal should address all the Technical Areas described in the CFP.
32	CFP 4.0	Submission Requirements	Will there be enough time to address the May 20 feedback after the May 6 concept submission for full proposal due in June?	The full proposal submission is due by June 17, 2025.
33	CFP 4.3	Teaming	Does each team need industrial partner?	No, it is not a requirement, you could submit a proposal on your own. However, it is highly encouraged.
34	CFP 3.0	Eligibility	Can one of the collaborating organizations be changed to the lead institution after the concept paper has been submitted?	Yes. You may need to reach out to <a href="mailto:SMAP@natcast.org">SMAP@natcast.org</a> to assist in updating lead institution within the submission portal, but you are allowed to update the team prior to full submission.
35	CFP 1.4	Scope	Are proposals required to integrate a "new" memory technology, or are traditional memory technologies in scope? What constitutes a "new" memory technology?	Traditional memories are in scope only in Phase 1 of the program. The proposal should integrate new memory technologies in addition to traditional memory technologies. New memory devices are defined as memory devices that utilize new bit-cell technology other than those used in SRAM, DRAM and Flash and demonstrated to be TRL $\geq$ 3 phase.

36	CFP Appendix B	Submission requirements	As an academic institution, when submitting the concept paper, is it sufficient to identify potential collaborators or we must have a collab in place?	Proposers do not need to have collaboration in place when submitting a concept paper.
37	CFP 1.4	Scope	Do you require prototyping and tape out of the hardware after advanced packaging?  Or are you expecting primarily modeling and architecture simulations?	No, SMAP is not scoped to do any prototyping and tape out.  Yes, we are expecting primarily modeling and architecture simulations.
38	CFP 1.4	Scope	Will this program support research on new materials and devices for new memory technology?	SMAP scope includes integration of new memory device technologies into system design. New materials and devices research are not in scope.
39	CFP 1.4	Scope	For Baseline 1, is a commercialized product preferred, or are architectural models of existing technology acceptable?	A commercial product is recommended but proposers can choose any reference hardware model.
40	CFP 1.4	Scope	Is the modeling and simulator supposed to work for multiple workloads or just for a single application domain?	It is highly recommended that the modeling framework is extendable to other workloads, but it is not required.
41	CFP 1.4	Scope	Will SMAP encourage topics focused on dielets hetero integration to include UWB technologies such as SiC, diamond, or new platforms beyond Si?	Proposers can submit a concept paper in order to receive proposal specific feedback. However, Technology Areas are described in the SMAP CFP.
42	CFP 1.4	Scope	Should we assume our hardware can only use existing memory device prototype characteristics, or can we	Proposal should use existing/ demonstrated characteristics for the performance analysis. Trade-Space analysis can include the successful scaling aspects and their impact.



			project future characteristics with successful scaling?	
43	N/A	Misc.	How does this advanced packaging work relate to NAPMP?	SMAP focus is on investigation of system architectures utilizing advanced packaging technologies to overcome memory wall challenge. NAPMP is focusing on physical aspects of advanced packaging ( <a href="#">NAPMP Nofo 2</a> ) Both efforts are complementary and synergistic.
44	CFP 1.4	Scope	For advanced packaging, is the main focus on modeling and benchmarking the proposed system? How will programming model play a role here? Can you give an example where packaging connects to Programming model?	Yes, for advanced packaging, the main focus is modeling and benchmarking.  Advanced packaging enables higher integration, performance and modularity. This shift requires programming models to evolve, supporting heterogenous, high-bandwidth, and system-level optimized designs. Software must become aware of the hardware topology, memory hierarchies and resource management to fully exploit the benefits of advanced packaging, while new abstraction and tools are needed to manage the increased complexity. As an example, L2 memory could be generic memory hierarchy in the processor architecture, but they could have different performance characteristics (latency, energy) depending on where it is placed in the hardware topology. It could co-exist within compute, on interposer, on a chiplet or across all of them. It is crucial that Programming model aware of the physical topology to manage and exploit advanced packaging aspects for efficient system designs.
45	CFP 1.4	Scope	Thermal modeling seems to be included, could you please expand a bit on the expectations?	Thermal modeling is included as a stretch goal in the CFP. Minimum expectation is to include objective assessment of thermal management in the context of system study.
46	CFP 2.5	IP Terms	What terms in the CFP (e.g., publication pre-approval, IP ownership) are flexible, and which are absolute musts?	Please refer to CFP 2.5.1.

47	CFP 2.5	IP Terms	What are “march in rights”?	<p>“March-in rights” under the Bayh-Dohl Act do not apply to Natcast’s SMAP program or Natcast’s other research programs.</p> <p>For federally funded programs that are subject to the Bayh-Dohl Act, which is not the case here, “march-in rights” allow the government to grant a compulsory license on privately owned patents to third parties, if the patented invention was developed with government funding and certain statutory criteria apply.</p>
48	CFP 3.5	Foreign Collaborations	What happens if someone is an employee of a US company but they are in an office that is outside the US (such as the UK). Where would they fall in the categorization [under Foreign Collaboration and Overseas Activities]?	<p>Foreign citizens can participate in the research if they bring unique resources or skills. Proposers must appeal in writing to the SMAP Program Staff for exceptions. Please refer to SMAP CFP Section 3.5 for further guidance.</p> <p>Additionally, there must be significant presence in the US for that entity.</p>
49	CFP 3.0	Eligibility	Does the Eligibility of funded organizations apply to National Labs?	National Labs are able to apply but would need to be a member of the NSTC. They can submit a full proposal.
End of 05-02-2025 Update / Start of V3.0				
50	CFP Appendix B	Submission Requirements	We are working on getting the budget into the required template but are having difficulties with the subawardee tab. The drop-down lists for Competitive/Sole Source, Cost/Price Analysis, Type of Subcontract and Competitive Quotes or Sole Source columns aren’t producing a drop down list to choose from. <b>Are you able to produce the lists that we should be choosing from for these columns?</b>	A new SMAP Budget Workbook Template has been updated and uploaded to the SMAP Website.

51	CFP 3.0	Eligibility	If a US based company wanted to use internal resources outside of the US (in a friendly location) to perform paid work, would that be permitted?	Foreign entities that are not FEOCs may participate, on a funded basis, as members of a project team, as subawardees or contractors, subject to Natcast approval. The proposer must provide Natcast with a written justification demonstrating that the foreign entity's involvement is essential to advancing project objectives, such as by offering access to unique facilities, IP, or expertise that is otherwise not readily available in the United States.
52	CFP 1.3	Scope	CFP lists some emerging memories. Is there a preference for them or other candidates which are at TRL > 3 are fine as well?	There is no preference. Any new/emerging memories of TRL>=3 show promise to overcome memory wall challenge is allowed.
53	CFP 3.5, Appendix C.7	Foreign Collaboration	Can a foreign collaborator get funded for work performed by a non-us citizen who travels to the US to perform the work with appropriate visa?	Subject to specific limitations and compliance with Natcast program requirements (such as research security review), a non-U.S. citizen performing work in the U.S. under a valid visa may be eligible to participate in funded activities, but the foreign collaborator itself (as a foreign entity) likely cannot be the recipient of direct funding unless structured through an eligible U.S. awardee. See CFP 3.5 for additional information.
54	CFP 3.5	Overseas Activities	Please confirm the process to grant exceptions for non-US based funded resourcing.	Foreign entities that are not FEOCs may participate, on a funded basis, as members of a project team, as subawardees or contractors, subject to Natcast approval. The proposer must provide Natcast with a written justification demonstrating that the foreign entity's involvement is essential to advancing project objectives, such as by offering access to unique facilities, IP, or expertise that is otherwise not readily available in the United States. Natcast will only approve work outside of the United States if Natcast determines it is in the best interest of CHIPS R&D and the United States, including the domestic economy generally, U.S. national security, U.S. industry, or U.S. manufacturing competitiveness. Natcast's determination regarding the performance of project tasks outside the United States may be based on information provided by the proposer and by other Federal agencies.

55	CFP 7.4.1 D.1	Reporting	Are there any options to simplify/optimize the reporting process given the monthly cadence. An option to negotiate quarterly deep reports and simplified outlines at the monthly level?	Maintaining close collaboration is considered important to program success. The exact nature of the deliverables can be negotiated during the award negotiation phase if a proposer is selected.
56	CFP 1.3	Key Deliverables	What is the format required for the modeling tools? Any specific guidance? Will a user guide be required?	Given the variety of modeling tools and frameworks available, there are no specific selections prescribed. Proposers are encouraged to select the modeling framework in which they have experience and allows for the necessary extensions for the program study. A user guide will be required to facilitate the independent validation of the program deliverables and to ensure ease of use by the NSTC members.
57	CFP 1.3	Key Deliverables	What is the format required for programming constructs? Any specific language required?	Given the variety of programming languages available, there is no specific format prescribed. Proposers are encouraged to select the programming languages with which they have experience and that allows for the necessary extensions for the program study.
58	CFP 1.3	Key Deliverables	The program's scope appears to be modeling the use of new memory and advanced packaging, not developing tools for them. Can you clarify what kind of tools this means, and whether it necessitates collaborating with an EDA vendor and/or packaging house to release their tools, or are these the "abstract layer modeling tools" indicated later on in the solicitation?	SMAP scope includes developing the modeling frameworks along with using them to generate performance reports. Any custom or publicly available architecture modeling tools can be used and does not mandate collaborating with EDA vendors.
59	CFP 1.4	Deliverables (Task 3)	What is the difference between the Task 3 Architecture Report and Task 3 Performance report? Both deliverables require performance metrics. Does the first one only outline what metrics and benchmarks will be used and does the second one outline the results of the benchmarking?	Yes. Task 3 includes Performance results along with trade-space analysis results and recommendations on the promising solutions.

60	CFP 1.4	Deliverables (Task 3)	<p>Delivery of macros, languages, and compiler are required but there is no specific information on format, whether user guide is required, what the requirements in terms of OS or machine to run the compiler, etc. Please provide more guidance.</p> <p>Please provide more guidance on format, deliverable details (i.e., which machines/os should be supported by the tools, is user guide required, etc.)</p> <p>Delivery of macros, languages, and compiler are required but there is no specific information on format, whether user guide is required, what the requirements in terms of OS or machine to run the compiler, etc. Please provide more guidance.</p>	<p>Given the variety of modeling tools, frameworks and languages available, there is no specific format prescribed. Proposers are encouraged to select the modeling frameworks and languages in which they have experience and allows for the necessary extensions for the program study. Please refer to SMAP CFP Section 1.8. A creation of a user guide is encouraged to facilitate the independent validation of the program deliverables and to ensure ease of use by the NSTC members.</p>
61	CFP 1.4	Task 4	<p>Knowledge of or capability to define roadmaps for packaging improvements beyond TRL 3 is a capability generally developed at a level far below architecture in this program. Can the "necessary improvements" be generalized across all packaging in general, instead of specific packaging processes?</p>	<p>Yes, necessary improvements could be generic but key technology improvements needed that could be identified based on trade-space analysis results.</p>
62	CFP 1.5	Program Structure	<p>What is required during these teleconferences: is a presentation required? With quarterly reviews, it will be a lot of overhead to do a presentation every month.</p>	<p>Maintaining close collaboration is considered important to program success. The exact nature of the deliverables can be negotiated during the award negotiation phase if a proposer is selected.</p>
63	CFP 1.5	Program Structure	<p>To reduce the budget and burden on PI, can the interim reviews be done virtually and not in person?</p>	<p>Maintaining close collaboration is considered important to program success. The exact nature of the deliverables can be negotiated during the award negotiation phase if a proposer is selected.</p>

64	CFP 1.5	Program Structure	Some of the quarterly reviews are very close to in-person reviews (i.e., only 1-month apart - example: Q3 review and Phase 1 review are only 1-month apart): can these be combined to reduce overheads?	Please refer to Figure 4 in the SMAP CFP for the <b>Notional</b> schedule/milestones. Each proposer is expected to provide a project schedule (not exceeding 30 months) based on the scope of the proposal with aligned project reviews. The proposers are free to suggest alternate schedule and cadence.
65	CFP 1.5	Program Structure	Is Phase 1=8months or 9-months? Is Phase 2=18-months or 19-months? Is Phase 3=3-months	Please refer to Figure 4 in the SMAP CFP for the <b>Notional</b> schedule/milestones. Each proposer is expected to provide a project schedule (not exceeding 30 months) based on the scope of the proposal.
66	CFP 1.5	Program Structure	What are virtual task reviews? What is the requirement for the review?	Monthly progress teleconferences will be scheduled with the Natcast team to review technical progress and identify risks to completing the tasks outlined in the Statement of Work (SOW).
67	CFP 1.5	Program Structure	Can the quarterly reports be slide presentations instead of written reports to reduce overhead and burden on PIs?	The format of the Quarterly report may be a PowerPoint Slide Presentation or a Word Document, however the necessary required content must be provided. These reports are not Technical Reports, they are considered Progress Reports.
68	CFP Appendix B	Submission Requirements	We had a question about the Project Narrative Template versus the SMAP CFP. In the template it mentions "Task Area" a few times, in particular C.5 it says "Note: Each Task Area must be proposed and budgeted independently to allow for selective funding." The CFP never really defines "Task Area" and only mentions that phrase a couple times, instead most of the discussion is about the three "Technology Areas". Are "Task Area" and "Technology Area" synonymous, or can you give us a more direct definition of what is meant by "Task Area"?	The SMAP Program does not include Task Areas as specified in the Technical Narrative Template Cover Page Table. The Project Narrative should discuss the Focus Areas and Technology Areas in as listed in the SMAP CFP Section 1.3.

69	CFP 1.7	Deliverables	What is the scope of the "Program Study Plan" deliverable required for the Phase 1 delivery. There are no references or details in the CFP	This Program Study Plan provides a brief outline of the overall SMAP Technical Execution plan.
70	Concept paper feedback	Program Structure	Can we request a meeting to discuss the weaknesses given as part of concept paper feedback?	<p>Due to the competitive nature of the SMAP Call for Proposals, we are unable to hold individual meetings with proposers. We kindly request that you review the Technology Areas, Program phases/tasks/deliverables as outlined in the SMAP CFP, as well as the proposers' day presentations available on CVENT portal for specific feedback provided.</p> <p>Please note that there is no screening of the concept papers; all proposers are eligible to submit full proposals. While feedback on concept papers does not influence the evaluation of full proposals, it is strongly recommended that proposers address any identified weaknesses.</p>
71	Concept paper feedback	Program Structure	Why is my proposal out-of-scope?	<p>For concept papers that received feedback indicating their proposals are out-of-scope, this determination may be due to several reasons: (1) insufficient information to evaluate, (2) failure to address the Technology Areas adequately as defined in the SMAP CFP 1.3, (3) failure to address the phase-level tasks and deliverables adequately as defined in the SMAP CFP 1.4, and (4) not meeting the TRL targets for Phase 1 and Phase 2 as defined in the SMAP CFP.</p> <p>We kindly request that you review the Technology Areas, Program phases/tasks/deliverables as outlined in the SMAP CFP, as well as the proposers' day presentations available on the CVENT portal for specific feedback provided.</p> <p>Please note that there is no screening of the concept papers; all proposers are eligible to submit full proposals. While the feedback on concept papers does not influence the evaluation of full proposals, it is strongly recommended that proposers address any identified weaknesses, including those deemed out-of-scope.</p>



72	CFP 4.3	Submission Requirements	Is there any limit on the number of subawardees or Co-PIs and any limit on budget tied to subawardee of the total budget?	The answer to both is no.
73	Technical Narrative Template	Submission Requirements	<ol style="list-style-type: none"> <li>1. <b>Should we strictly adhere to the six predefined tasks and structure from the CFP</b> in the full proposal narrative, or is there flexibility in reorganizing or renaming tasks as long as we clearly address all required deliverables?</li> <li>2. The <b>budget template</b> appears to be pre-structured with fixed task numbers. Should we map our internal task organization to the six CFP-defined tasks for budget purposes, even if our narrative uses a different structure?</li> </ol>	<p>While there is no flexibility in reorganizing or renaming tasks in the Budget Workbook, you may add notes about sub-tasks or other information regarding your internal task organization on the Optional – Additional Info tab of the Budget Workbook Template. We kindly request that proposers align any sub-tasks listed in the Budget Workbook additional info tab to the Proposal Narrative prose and summed up into the main tasks.</p> <p>We appreciate your attention to aligning your internal technical structure with the formal SMAP framework.</p>
74	CFP 2.2	Award Information	Do we need to provide edits to the terms and conditions following page 28 in the CFP at proposal stage, or would we have the opportunity to further negotiate Award Terms and Conditions if Boise State was awarded?	Proposers do not need to provide edits at the time of submission. If awarded, you will have an opportunity to negotiate further.
75	CFP 4.2	General	If a proposal is encouraged, is the budget from Concept paper binding? Or, can we change the budget, e.g.: increase it some?	The concept paper is non-binding. Proposers can make any adjustments to their final submission. This includes budget, scope, approach and any other elements.
76	CFP 4.0	Teaming	If we have startup company partners, is it better to include them with significant amount of participation and significant budget, or is it better to involve them in limited ways more	It is up to the proposer how to organize and distribute the work among their team.



			as providers of workloads and use cases and users of our outputs?	
--	--	--	---	--