

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023

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[II. Preliminary Proposals](#)

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LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023 FOR FULL PROPOSALS

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL																	
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
PROPOSAL SECTION EXISTS CHECKS																				
1	Project Summary is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Project Description is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	References Cited is required (see note 4).	Error	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓	✓	✓	✓	✓	✓
4	Budget Justification(s) is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Facilities, Equipment and Other Resources is required (conditionally required for Conference & Travel proposals).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Biographical Sketch is required for each PI/co-PI/Senior Personnel (see notes 4 & 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓	✓	✓	✓	✓	✓
7	Current and Pending (Other) Support is required for each PI/co-PI/Senior Personnel (see note 9).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Collaborators and Other Affiliations is required (conditionally required for Conference proposals) (see note 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Data Management Plan is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOCUMENT EXISTS CHECKS																				
11	Proposal Update Justification is required (Proposal File Update/Budget Revision Justification) (see note 10).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Nature of Natural or Anthropogenic Event document is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
PROPOSAL SECTION HEADING CHECKS																				
34	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
35	Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROPOSAL SECTION URL CHECKS																				
36	Hyperlinks (URLs) must not be used in the Project Description.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROPOSAL PROJECT DATA FORM DOCUMENT CHECKS (SEE NOTE 8)																				
37	Program track has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
38	Category has not been selected on the project data form (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
39	Highest degree has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
40	Institution type has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
41	An Add Other Organization section selection has not been made on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
42	At least one organization has been added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
43	Discipline has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
44	Primary academic focus level has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
45	Private sector participation has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
46	A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: • PreK-12 Students • PreK-12 Teachers • Undergraduate Students • Graduate Students • Postdoctoral Fellows • Higher Education Faculty	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
47	A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		
48	A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A		

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SBIR AND STTR PROPOSAL QUESTIONNAIRE CHECKS																				
49	Phase I Topic is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A
50	Phase II Topic is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓
51	Project Pitch Number is required for Phase I proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A
52	Authorized Company Officer First Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
53	Authorized Company Officer Last Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
54	A year is entered in Year of First Operations of the Proposing Small Business field.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
55	A year is entered in Year Small Business Founded field.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
56	A value greater than 500 is entered in Number of Full-time Equivalents (FTEs) Employed at the Small Business field.	Warning	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
57	Number of prior SBIR/STTR Phase I submissions to NSF by the proposing small business in the past 5 years excluding this proposal is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
58	Number of SBIR/STTR awards received from all agencies by the proposing small business in the past 5 years is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
59	Total number of SBIR/STTR awards received from all agencies by the proposing small business is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
60	Type of organization is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
61	Research Investigator First Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
62	Research Investigator Last Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
63	Research Investigator Phone Number is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
64	When the "This project has been the focus of an Innovation Corps (I-Corps) effort" box is checked, the "Please select the type(s) of I-Corps efforts:" information must be completed.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
65	When the "This project has been the focus of an Innovation Corps (I-Corps) effort" box and the "NSF-funded National I-Corps program" box are checked, the I-Corps Award Number is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
66	When the "Other NSF basic research awards contributed to the creation or development of the underlying technical innovation or approach featured in this proposal" box is checked, at least 1 NSF Award Number is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
SBIR AND STTR PROPOSAL CERTIFICATION QUESTION CHECKS																				
67	All certification questions are answered.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
68	Overlapping or equivalent proposals and awards must be disclosed in the provided text field if "No" is selected for the following question: "NSF is the only funding entity that has received this proposal (or overlapping or equivalent proposal) from the small business concern."	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
69	Proposal Number is required (conditionally required) when "Yes" is selected for the Resubmission Change Description question.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A

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92	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Project Summary • Project Description • References Cited (see note 4) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
93	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Company Commercialization History (SBIR/STTR Phases I & Phase II) • Cooperative Research Agreement (SBIR/STTR Phases I & II) • Resubmission Change Description (SBIR/STTR Phase I) • Phase I Technical Narrative (SBIR/STTR Phase II) • Commercialization Plan (SBIR/STTR Phase II) • Project Schedule (SBIR/STTR Phase II)	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
94	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Research Support	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A		N/A	
95	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): • Project Summary • Project Description • References Cited (see note 4) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
96	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): • Company Commercialization History (SBIR/STTR Phases I & Phase II) • Cooperative Research Agreement (SBIR/STTR Phases I & II) • Resubmission Change Description (SBIR/STTR Phase I) • Phase I Technical Narrative (SBIR/STTR Phase II) • Commercialization Plan (SBIR/STTR Phase II) • Project Schedule (SBIR/STTR Phase II)	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	

[illegible]

[illegible]

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PROPOSAL COVER SHEET CHECKS																				
145	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
146	Place of Performance postal code not valid for the selected state.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
147	A Requested Start Date has not been entered.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
148	Proposal Duration cannot be blank or zero.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
149	Proposal Duration must not exceed 2 years (24 months) for a Planning proposal.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
150	Proposal Duration must not exceed 1 year (12 months) for a RAPID proposal.	Error	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
151	Proposal Duration must not exceed 2 years (24 months) for an EAGER proposal.	Error	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
152	Proposal Duration must not exceed 5 years (60 months) for a RAISE proposal.	Error	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
153	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
154	Vertebrate Animals is selected but the PHS assurance radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
155	Vertebrate Animals and Approved Animal-use Protocol are selected but required field is missing: IACUC Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
156	Vertebrate Animals and Approved PHS Assurance are selected but required field is missing: PHS Animal Welfare Assurance Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
157	Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
158	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
159	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
160	International Activities is selected but Country is missing.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
161	Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
162	Funding of a foreign organization is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
163	The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
164	If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	

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PROPOSAL DEADLINE SUBMISSION CHECKS																				
165	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
166	A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
167	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
168	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
169	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
170	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
171	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
172	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
173	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
174	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
175	An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone.	Error	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
PROPOSAL LINKING CHECKS																				
176	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
177	A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
178	A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a non-lead organization and will automatically be canceled upon submission.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
PROPOSAL SUBMISSION CHECKS																				
179	An Industrial co-PI is required in at least one organization (prime or subaward) on a GOALI proposal if a small business partner organization is not included.	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
180	An Industrial co-PI is required in the small business partner organization on a GOALI proposal when a small business partner organization is included.	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
181	A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL																	
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
182	The proposal does not use the current <i>Proposal & Award Policies & Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		N/A	
183	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓		✓	

Notes:

- List provides current checks performed by the Research.gov system as of January 30, 2023, for full proposals.
- Research.gov supports all proposal and submission types including (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; and (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov [Proposal Submission Capabilities](#) on the Research.gov [About Proposal Preparation and Submission](#) page for additional details.
- Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- Biographical Sketch and Collaborators and Other Affiliations may be required per the program solicitation for Mentors/Advisors listed in a Fellowship proposal. The system will run the compliance checks as listed above for any documents which are uploaded as part of a proposal.
- Compliance checks are not performed on the postdoctoral fellowship budget section of the proposal since it is pre-populated in accordance with program solicitation budget guidance but will be run on the budget section for any postdoctoral fellowship proposal file updates/budget revisions.
- The Fellowship proposal type currently supports submission of proposals in response to program solicitations that do not contain reference letter writer requirements.
- A project data form is currently only required to be submitted with some Directorate for STEM Education (EDU) proposals. Refer to the EDU funding opportunity for project data form submission requirements.
- Compliance check will also be performed for a Current and Pending (Other) Support Update requested by NSF.
- A Proposal Update Justification is not required to be submitted for a Current and Pending (Other) Support Update requested by NSF.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending (Other) Support compliance checks apply to proposals, supplemental funding requests, and to documents submitted in annual and final project reports when active other support has changed. For additional information see: <https://www.nsf.gov/bfa/dias/policy/cps.jsp>.
- Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- Compliance checks that trigger an error message will stop proposal submission to NSF.
- Compliance checks that trigger a warning message will allow proposal submission to NSF.
- Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this submission type.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023 FOR PRELIMINARY PROPOSALS			
#	COMPLIANCE CHECK	ERROR/ WARNING	PRELIMINARY PROPOSAL
PROPOSAL SECTION EXISTS CHECKS			
1	Project Summary is required.	Error	✓
2	Project Description is required.	Error	✓
DOCUMENT EXISTS CHECKS			
3	Proposal Update Justification is required (Proposal File Update/Budget Revision Justification).	Error	✓
4	Nature of Natural or Anthropogenic Event document is required (Conditionally Required).	Error	✓
5	Proprietary or Privileged Information document is required (Conditionally Required).	Error	✓
6	Disclosure of Lobbying Activities document is required (Conditionally Required).	Error	✓
PROPOSAL SECTION PAGE COUNT CHECKS			
7	Project Summary page count cannot exceed 1 page.	Error	✓
8	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel.	Error	✓
9	Budget Justification page count cannot exceed 5 pages.	Error	✓
10	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓
11	Data Management Plan page count cannot exceed 2 pages.	Error	✓
PROPOSAL SECTION HEADING CHECKS			
12	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓
13	Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text.	Error	✓
PROPOSAL SECTION URL CHECKS			
14	Hyperlinks (URLs) must not be used in the Project Description.	Error	✓
PROPOSAL SECTION FILE TYPE CHECKS			
15	xlsx document is the only acceptable file upload type for: <ul style="list-style-type: none"> • Collaborators and Other Affiliations 	Error	✓
16	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewer • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	PRELIMINARY PROPOSAL
17	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> • Biographical Sketch • Current and Pending (Other) Support 	Error	✓
PROPOSAL SECTION FILE UPLOAD CHECKS			
18	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓
19	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> • Biographical Sketch • Current and Pending (Other) Support 	Error	✓
20	PDF file must be in an NSF-approved format: <ul style="list-style-type: none"> • Biographical Sketch • Current and Pending (Other) Support 	Error	✓
21	Document must not contain invalid characters in the column names for: <ul style="list-style-type: none"> • Collaborators and Other Affiliations 	Error	✓
22	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓
23	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement 	Error	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	PRELIMINARY PROPOSAL
24	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement 	Error	✓
PROPOSAL SECTION FILE SIZE CHECKS			
25	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓
26	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"> • Collaborators and Other Affiliations 	Error	✓
27	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"> • Biographical Sketch • Current and Pending (Other) Support 	Error	✓
PROPOSAL SECTION UPLOAD FILE NAME CHECKS			
28	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓
29	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none"> • Collaborators and Other Affiliations 	Error	✓
30	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none"> • Biographical Sketch • Current and Pending (Other) Support 	Error	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	PRELIMINARY PROPOSAL
PROPOSAL SECTION LINE SPACING CHECKS			
31	Line spacing should be no more than six lines per inch on: <ul style="list-style-type: none"> • Project Summary • Project Description • References Cited • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement 	Warning	✓
PROPOSAL BUDGET CHECKS			
32	Senior personnel has funds but no months indicated.	Error	✓
33	Senior personnel has months but no funds indicated.	Error	✓
34	When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified.	Error	✓
35	When Other Professionals are included, number of personnel, months, and funds must be specified.	Error	✓
36	When Graduate Students are included, number of personnel and funds must be specified.	Error	✓
37	When Undergraduate Students are included, number of personnel and funds must be specified.	Error	✓
38	When Administrative/Clerical are included, number of personnel and funds must be specified.	Error	✓
39	When Other Personnel are included, number of personnel and funds must be specified.	Error	✓
40	Equipment has funds for at least one year but no description.	Error	✓
41	Equipment has a description but no funds for at least one year.	Error	✓
42	When an equipment line has been added, the description and at least one year of funds must be specified.	Error	✓
43	There needs to be at least one participant when funds have been indicated for Participant Support Costs.	Error	✓
44	Participant support cost amounts cannot equal zero when there are one or more participants.	Error	✓
45	The indirect cost description must be specified.	Error	✓
46	Indirect cost has a rate but no base indicated.	Error	✓
47	Indirect cost has a description but no rate or base for at least one year.	Error	✓
48	When an indirect line has been added, the description and at least one year of the rate and base must be specified.	Error	✓
49	Indirect cost has a base but no rate indicated.	Error	✓
50	The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements.	Warning	✓
51	The total requested budget amount cannot exceed \$999,999,999.	Error	✓
52	The number of years in a subawardee budget must be equal to or less than the prime budget.	Error	✓
PROPOSAL COVER SHEET CHECKS			
53	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓
54	Place of Performance postal code not valid for the selected state.	Error	✓
55	A Requested Start Date has not been entered.	Warning	✓
56	Proposal Duration cannot be blank or zero.	Error	✓
57	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓
58	Vertebrate Animals is selected but the PHS assurance radio button is not selected.	Error	✓
59	Vertebrate Animals and Approved animal-use protocol are selected but required fields are missing: IACUC Approval Date.	Error	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	PRELIMINARY PROPOSAL
60	Vertebrate Animals and Approved PHS assurance are selected but required fields are missing: PHS Animal Welfare Assurance Number.	Error	✓
61	Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB).	Error	✓
62	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓
63	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓
64	International Activities is selected but Country is missing.	Error	✓
65	Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected.	Error	✓
66	Funding of a foreign organization is selected but a country name is not selected.	Error	✓
67	The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions).	Error	✓
PROPOSAL DEADLINE SUBMISSION CHECKS			
68	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓
69	A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile).	Error	✓
70	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓
71	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓
72	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓
73	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓
74	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓
75	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓
76	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓
77	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓
78	An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone.	Error	✓
PROPOSAL LINKING CHECKS			
79	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓
80	A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted.	Warning	✓
81	A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a non-lead organization and will automatically be canceled upon submission.	Warning	✓
PROPOSAL SUBMISSION CHECKS			
82	A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status.	Warning	✓
83	The proposal does not use the current <i>Proposal & Award Policies & Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓
84	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓

Notes:

1. List provides current checks performed by the Research.gov system as of January 30, 2023, for preliminary proposals.
2. Research.gov supports preparation and submission of all proposal and submission types. View the Research.gov [Proposal Submission Capabilities](#) on the Research.gov [About Proposal Preparation and Submission](#) page for additional details.

3. Not all NSF policy requirements are currently enforced by automated compliance checks.
4. Current and Pending (Other) Support compliance checks apply to proposals, supplemental funding requests, and to documents submitted in annual and final project reports when active other support has changed. For additional information see: <https://www.nsf.gov/bfa/dias/policy/cps.jsp>.
5. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
6. Compliance checks that trigger an error message will stop proposal submission to NSF.
7. Compliance checks that trigger a warning message will allow proposal submission to NSF.
8. Automated proposal compliance checks listed in this table apply to preliminary proposals in response to solicitations.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the “Error/Warning” column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn’t apply for this submission type.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023 FOR LETTERS OF INTENT			
#	COMPLIANCE CHECK	ERROR/ WARNING	PRELIMINARY PROPOSAL
DOCUMENT EXISTS CHECKS			
1	Project Synopsis is required.	Error	✓
PROPOSAL SECTION PAGE COUNT CHECKS			
2	Project Synopsis page count cannot exceed 1 page.	Error	✓
PROPOSAL SECTION FILE TYPE CHECKS			
3	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none">• Project Synopsis	Error	✓
PROPOSAL SECTION FILE UPLOAD CHECKS			
4	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none">• Project Synopsis	Error	✓
5	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none">• Project Synopsis	Error	✓
6	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: <ul style="list-style-type: none">• Project Synopsis	Error	✓
PROPOSAL SECTION FILE SIZE CHECKS			
7	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">• Project Synopsis	Error	✓

Notes:

1. List provides current checks performed by the Research.gov system as of January 30, 2023, for letters of intent.
2. Research.gov supports preparation and submission of all proposal and submission types. View the Research.gov [Proposal Submission Capabilities](#) on the Research.gov [About Proposal Preparation and Submission](#) page for additional details.
3. Not all NSF policy requirements are currently enforced by automated compliance checks.
4. Compliance checks are triggered by the “Allow SPO/AOR access” and “Submit” to NSF functions. There are additional actions while preparing a letter of intent that will trigger a compliance check (e.g., uploading documents).
5. Compliance checks that trigger an error message will stop letter of intent submission to NSF.
6. Compliance checks that trigger a warning message will allow letter of intent submission to NSF.
7. Automated proposal compliance checks listed in this table apply to letters of intent in response to solicitations.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023 FOR RENEWAL PROPOSALS

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION EXISTS CHECKS										
1	Project Summary is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
2	Project Description is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
3	References Cited is required (see note 5).	Error	✓	✓	✓	✓	N/A	N/A	✓	✓
4	Budget Justification(s) is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
5	Facilities, Equipment and Other Resources is required (conditionally required for Conference & Travel proposals).	Error	✓	✓	✓	✓	N/A	✓	✓	✓
6	Biographical Sketch is required for each PI/co-PI/Senior Personnel (see note 5).	Error	✓	✓	✓	✓	N/A	N/A	✓	✓
7	Current and Pending (Other) Support is required for each PI/co-PI/Senior Personnel (see note 7).	Error	✓	✓	✓	✓	✓	✓	✓	✓
8	Collaborators and Other Affiliations is required (conditionally required for Conference proposals).	Error	✓	✓	✓	✓	N/A	✓	✓	✓
9	Data Management Plan is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
10	Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researcher.	Error	✓	✓	✓	✓	✓	✓	✓	✓
DOCUMENT EXISTS CHECKS										
11	Proposal Update Justification is required (Proposal File Update/Budget Revision Justification) (see note 8).	Error	✓	✓	✓	✓	✓	✓	✓	✓
12	Nature of Natural or Anthropogenic Event document is required (Conditionally Required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
13	Proprietary or Privileged Information document is required (Conditionally Required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
14	Disclosure of Lobbying Activities document is required (Conditionally Required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
15	Project data form is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
16	An Industrial PI Confirmation Letter(s) is required for GOALI proposals.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
PROPOSAL SECTION PAGE COUNT CHECKS										
17	Project Summary page count cannot exceed 1 page.	Error	✓	✓	✓	✓	✓	✓	✓	✓
18	Project Description page count cannot exceed 15 pages.	Error	N/A	✓	N/A	✓	✓	✓	N/A	N/A
19	Project Description page count cannot exceed the page count listed in the program solicitation.	Error	✓	N/A	✓	N/A	N/A	N/A	✓	✓
20	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see note 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓
21	Budget Justification page count cannot exceed 5 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓
22	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓	✓	✓	✓	✓	✓	✓	✓
23	Data Management Plan page count cannot exceed 2 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION HEADING CHECKS										
24	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓
25	Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL SECTION URL CHECKS										
26	Hyperlinks (URLs) must not be used in the Project Description.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL SECTION DATA FORM DOCUMENT CHECKS (SEE NOTE 6)										
27	Program track has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
28	Category has not been selected on the project data form (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
29	Highest degree has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
30	Institution type has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
31	An Add Other Organization section selection has not been made on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
32	At least one organization has been added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project.	Error	✓	✓	✓	✓	✓	✓	✓	✓
33	Discipline has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
34	Primary academic focus level has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
35	Private sector participation has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
36	A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: <ul style="list-style-type: none">• PreK-12 Students• PreK-12 Teachers• Undergraduate Students• Graduate Students• Postdoctoral Fellows• Higher Education Faculty	Error	✓	✓	✓	✓	✓	✓	✓	✓
37	A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓
38	A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION FILE TYPE CHECKS										
39	xlsx document is the only acceptable file upload type for: • Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	✓	✓	✓	✓	N/A	✓	✓
40	PDF document is the only acceptable file upload type for: • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
41	PDF document is the only acceptable file upload type for: • Biographical Sketch (see notes 4 & 5) • Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓
42	PDF document is the only acceptable file upload type for: • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
PROPOSAL SECTION FILE UPLOAD CHECKS										
43	PDF file must not be password protected or have restricted permissions: • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
44	PDF file must not be password protected or have restricted permissions: • Biographical Sketch (see notes 4 & 5) • Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓
45	PDF file must not be password protected or have restricted permissions: • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
46	PDF file must be in an NSF-approved format: • Biographical Sketch (see notes 4 & 5) • Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
47	Document must not contain invalid characters in the column names for: • Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	✓	✓	✓	✓	N/A	✓	✓
48	PDF file must not be an empty file (no image and no text): • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
49	PDF file must not be an empty file (no image and no text): • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
50	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓
51	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION FILE SIZE CHECKS										
52	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">Project SummaryProject DescriptionReferences Cited (see note 5)Other Personnel Biographical InformationBudget Justification(s)Facilities, Equipment and Other ResourcesPostdoctoral Mentoring PlanData Management PlanList of Suggested ReviewerList of Reviewers Not to IncludeBudget Impact StatementSpecial Exception – Natural or Anthropogenic EventProprietary or Privileged InformationDisclosure of Lobbying ActivitiesAdditional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
53	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	✓	✓	✓	✓	N/A	✓	✓
54	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">Biographical Sketch (see notes 4 & 5)Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓
55	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">Industrial PI Confirmation LetterIntellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
PROPOSAL SECTION UPLOAD FILE NAME CHECKS										
56	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">Project SummaryProject DescriptionReferences Cited (see note 5)Other Personnel Biographical InformationBudget Justification(s)Facilities, Equipment and Other ResourcesPostdoctoral Mentoring PlanData Management PlanOther Supplementary DocumentsList of Suggested ReviewersList of Reviewers Not to IncludeBudget Impact StatementSpecial Exception – Natural or Anthropogenic EventProprietary or Privileged InformationDisclosure of Lobbying ActivitiesAdditional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
57	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	✓	✓	✓	✓	N/A	✓	✓
58	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">Biographical Sketch (see notes 4 & 5)Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓
59	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">Industrial PI Confirmation LetterIntellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION LINE SPACING CHECKS										
60	Line spacing should be no more than six lines per inch on: <ul style="list-style-type: none">• Project Summary• Project Description• References Cited (see note 5)• Other Personnel Biographical Information• Budget Justification(s)• Facilities, Equipment and Other Resources• Postdoctoral Mentoring Plan• Data Management Plan• List of Suggested Reviewers• List of Reviewers Not to Include• Budget Impact Statement	Warning	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL BUDGET CHECKS										
61	Senior personnel has funds but no months indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
62	All senior personnel in the budget must have months and funds associated for at least one year.	Error	✓	✓	✓	✓	✓	✓	✓	✓
63	Senior personnel has months but no funds indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
64	When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
65	When Other Professionals are included, number of personnel, months, and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
66	When Graduate Students are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
67	When Undergraduate Students are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
68	When Administrative/Clerical are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
69	When Other Personnel are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
70	Equipment has funds for at least one year but no description.	Error	✓	✓	✓	✓	✓	✓	✓	✓
71	Equipment has a description but no funds for at least one year.	Error	✓	✓	✓	✓	✓	✓	✓	✓
72	When an equipment line has been added, the description and at least one year of funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
73	There needs to be at least one participant when funds have been indicated for Participant Support Costs.	Error	✓	✓	✓	✓	✓	✓	✓	✓
74	Participant support cost amounts cannot equal zero when there are one or more participants.	Error	✓	✓	✓	✓	✓	✓	✓	✓
75	The indirect cost description must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
76	Indirect cost has a rate but no base indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
77	Indirect cost has a description but no rate or base for at least one year.	Error	✓	✓	✓	✓	✓	✓	✓	✓
78	When an indirect line has been added, the description and at least one year of the rate and base must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
79	Indirect cost has a base but no rate indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
80	The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements.	Warning	✓	N/A	✓	✓	N/A	N/A	✓	✓
81	The total requested budget amount cannot exceed \$999,999,999.	Error	✓	✓	✓	✓	✓	✓	✓	✓
82	The number of years in a subawardee budget must be equal to or less than the prime budget.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL COVER SHEET CHECKS										
83	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓	✓	✓	✓	✓	✓	✓	✓
84	Place of Performance postal code not valid for the selected state.	Error	✓	✓	✓	✓	✓	✓	✓	✓
85	A Requested Start Date has not been entered.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
86	Proposal Duration cannot be blank or zero.	Error	✓	✓	✓	✓	✓	✓	✓	✓
87	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
88	Vertebrate Animals is selected but the PHS assurance radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
89	Vertebrate Animals and Approved Animal-use Protocol are selected but required field is missing: IACUC Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓
90	Vertebrate Animals and Approved PHS Assurance are selected but required field is missing: PHS Animal Welfare Assurance Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓
91	Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB).	Error	✓	✓	✓	✓	✓	✓	✓	✓
92	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓
93	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓
94	International Activities is selected but Country is missing.	Error	✓	✓	✓	✓	✓	✓	✓	✓
95	Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
96	Funding of a foreign organization is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
97	The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions).	Error	✓	✓	✓	✓	✓	✓	✓	✓
98	If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL DEADLINE SUBMISSION CHECKS										
99	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	✓	✓	✓	✓	✓	✓	✓
100	A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile).	Error	✓	✓	✓	✓	✓	✓	✓	✓
101	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
102	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
103	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
104	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	✓	✓	✓	✓	✓	✓	✓
105	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	✓	✓	✓	✓	✓	✓	✓
106	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	✓	✓	✓	✓	✓	✓	✓
107	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
108	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	✓	✓	✓	✓	✓	✓	✓
109	An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone.	Error	✓	N/A	✓	✓	✓	✓	✓	✓
PROPOSAL LINKING CHECKS										
110	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	✓	✓	✓	✓	✓	✓	✓
111	A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
112	A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a non-lead organization and will automatically be canceled upon submission.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL SUBMISSION CHECKS										
113	An Industrial co-PI is required in at least one organization (prime or subaward) on a GOALI proposal if a small business partner organization is not included.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
114	An Industrial co-PI is required in the small business partner organization on a GOALI proposal when a small business partner organization is included.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
115	A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status.	Warning	✓	N/A	✓	✓	✓	✓	✓	✓
116	The proposal does not use the current <i>Proposal & Award Policies & Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓	✓	✓	✓	✓	✓	✓	✓
117	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	✓	✓	✓	✓	✓	✓	✓

Notes:

- List provides current checks performed by the Research.gov system as of January 30, 2023, for renewal proposals.
- The available proposal types for renewal and accomplishment-based renewal proposals are limited to Research, GOALI, Ideas Lab, FASED, Conference, Travel, Center, and Research Infrastructure. To renew a RAPID, EAGER, or Planning proposal, the Principal Investigator will select the Research proposal type.
- Research.gov supports all proposal and submission types including (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; and (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov [Proposal Submission Capabilities](#) table on the Research.gov [About Proposal Preparation and Submission](#) page for additional details.
- Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- A project data form is currently only required to be submitted with some Directorate for STEM Education (EDU) proposals. Refer to the EDU funding opportunity for project data form submission requirements.
- Compliance check will also be performed for a Current and Pending (Other) Support Update requested by NSF.
- A Proposal Update Justification is not required to be submitted for a Current and Pending (Other) Support Update requested by NSF.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending (Other) Support compliance checks apply to proposals, supplemental funding requests, and to documents submitted in annual and final project reports when active other support has changed. For additional information see: <https://www.nsf.gov/bfa/dias/policy/cps.jsp>.
- Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- Compliance checks that trigger an error message will stop proposal submission to NSF.
- Compliance checks that trigger a warning message will allow proposal submission to NSF.
- Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023 FOR ACCOMPLISHMENT-BASED RENEWAL PROPOSALS

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION EXISTS CHECKS										
1	Project Summary is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
2	Summary of Plans is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
3	Human Resources is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
4	Publications is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
5	References Cited is required (see note 5).	Error	✓	✓	✓	✓	N/A	N/A	✓	✓
6	Budget Justification(s) is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
7	Facilities, Equipment and Other Resources is required (conditionally required for Conference & Travel proposals).	Error	✓	✓	✓	✓	✓	✓	✓	✓
8	Biographical Sketch is required for each PI/co-PI/Senior Personnel (see note 5).	Error	✓	✓	✓	✓	N/A	N/A	✓	✓
9	Current and Pending (Other) Support is required for each PI/co-PI/Senior Personnel (see note 7).	Error	✓	✓	✓	✓	✓	✓	✓	✓
10	Collaborators and Other Affiliations is required (conditionally required for Conference proposals).	Error	✓	✓	✓	✓	✓	N/A	✓	✓
11	Data Management Plan is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓
12	Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers.	Error	✓	✓	✓	✓	✓	✓	✓	✓
DOCUMENT EXISTS CHECKS										
13	Proposal Update Justification is required (Proposal File Update/Budget Revision Justification) (see Note 8).	Error	✓	✓	✓	✓	✓	✓	✓	✓
14	Nature of Natural or Anthropogenic Event document is required (Conditionally Required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
15	Proprietary or Privileged Information document is required (Conditionally Required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
16	Disclosure of Lobbying Activities document is required (Conditionally Required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
17	Project data form is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
18	An Industrial PI Confirmation Letter(s) is required for GOALI proposals.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
PROPOSAL SECTION PAGE COUNT CHECKS										
19	Project Summary page count cannot exceed 1 page.	Error	✓	✓	✓	✓	✓	✓	✓	✓
20	Summary of Plans cannot exceed 4 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓
21	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see note 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓
22	Budget Justification page count cannot exceed 5 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓
23	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓	✓	✓	✓	✓	✓	✓	✓
24	Data Management Plan page count cannot exceed 2 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION HEADING CHECKS										
25	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL SECTION URL CHECKS										
26	URLs are not permitted in the Summary of Plans.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL PROJECT DATA FORM DOCUMENT CHECKS (SEE NOTE 6)										
27	Program track has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
28	Category has not been selected on the project data form (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓
29	Highest degree has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
30	Institution type has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
31	An Add Other Organization section selection has not been made on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
32	At least one organization has been added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project.	Error	✓	✓	✓	✓	✓	✓	✓	✓
33	Discipline has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
34	Primary academic focus level has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
35	Private sector participation has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓
36	A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: <ul style="list-style-type: none">• PreK-12 Students• PreK-12 Teachers• Undergraduate Student• Graduate Students• Postdoctoral Fellows• Higher Education Faculty	Error	✓	✓	✓	✓	✓	✓	✓	✓
37	A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓
38	A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL SECTION FILE TYPE CHECKS										
39	xlsx document is the only acceptable file upload type for: <ul style="list-style-type: none">• Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	✓	✓	✓	✓	N/A	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
40	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓	✓	✓	✓	✓	✓	✓	✓
41	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> • Biographical Sketch (see notes 4 & 5) • Current and Pending (Other) Support (see note 7) 	Error	✓	✓	✓	✓	✓	✓	✓	✓
42	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> • Industrial PI Confirmation Letter • Intellectual Property Agreement 	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
PROPOSAL SECTION FILE UPLOAD CHECKS										
43	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents 	Error	✓	✓	✓	✓	✓	✓	✓	✓
44	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> • Biographical Sketch (see note 5) • Current and Pending (Other) Support (see note 7) 	Error	✓	✓	✓	✓	✓	✓	✓	✓
45	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> • Industrial PI Confirmation Letter • Intellectual Property Agreement 	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
46	PDF file must be in an NSF-approved format: <ul style="list-style-type: none"> • Biographical Sketch (see notes 4 & 5) • Current and Pending (Other) Support (see note 7) 	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
47	Document must not contain invalid characters in the column names for: • Collaborators and Other Affiliations	Error	✓	✓	✓	✓	✓	N/A	✓	✓
48	PDF file must not be an empty file (no image and no text): • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
49	PDF file must not be an empty file (no image and no text): • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
50	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓
51	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION FILE SIZE CHECKS										
52	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">• Project Summary• Summary of Plans• Human Resources Development• References Cited (see note 5)• Other Personnel Biographical Information• Budget Justification(s)• Facilities, Equipment and Other Resources• Postdoctoral Mentoring Plan• Data Management Plan• List of Suggested Reviewers• List of Reviewers Not to Include• Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓
53	Document upload file size maximum is 20 MB for: <ul style="list-style-type: none">• Publications	Error	✓	✓	✓	✓	✓	✓	✓	✓
54	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">• Collaborators and Other Affiliations (conditionally required for Conference Proposals)	Error	✓	✓	✓	✓	✓	N/A	✓	✓
55	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">• Biographical Sketch (see notes 4 & 5)• Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓
56	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none">• Industrial PI Confirmation Letter• Intellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
PROPOSAL SECTION UPLOAD FILE NAME CHECKS										
57	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">• Project Summary• Summary of Plans• Human Resources Development• Publications• References Cited (see note 5)• Other Personnel Biographical Information• Budget Justification(s)• Facilities, Equipment and Other Resources• Postdoctoral Mentoring Plan• Data Management Plan• Other Supplementary Documents• List of Suggested Reviewers• List of Reviewers Not to Include• Budget Impact Statement• Special Exception – Natural or Anthropogenic Event• Proprietary or Privileged Information• Disclosure of Lobbying Activities• Additional Single Copy Documents	Error	✓	✓	✓	✓	✓	✓	✓	✓
58	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">• Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	✓	✓	✓	✓	✓	✓	✓
59	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">• Biographical Sketch (see notes 4 & 5)• Current and Pending (Other) Support (see note 7)	Error	✓	✓	✓	✓	✓	✓	✓	✓
60	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none">• Industrial PI Confirmation Letter• Intellectual Property Agreement	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL SECTION LINE SPACING CHECKS										
61	Line spacing should be no more than six lines per inch on: <ul style="list-style-type: none">• Project Summary• Summary of Plans• Human Resources Development• References Cited (see note 5)• Other Personnel Biographical Information• Budget Justification(s)• Facilities, Equipment and Other Resources• Postdoctoral Mentoring Plan• Data Management Plan• List of Suggested Reviewers• List of Reviewers Not to Include• Budget Impact Statement	Warning	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL BUDGET CHECKS										
62	Senior personnel has funds but no months indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
63	All senior personnel in the budget must have months and funds associated for at least one year.	Error	✓	✓	✓	✓	✓	✓	✓	✓
64	Senior personnel has months but no funds indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
65	When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
66	When Other Professionals are included, number of personnel, months, and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
67	When Graduate Students are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
68	When Undergraduate Students are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
69	When Administrative/Clerical are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
70	When Other Personnel are included, number of personnel and funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
71	Equipment has funds for at least one year but no description.	Error	✓	✓	✓	✓	✓	✓	✓	✓
72	Equipment has a description but no funds for at least one year.	Error	✓	✓	✓	✓	✓	✓	✓	✓
73	When an equipment line has been added, the description and at least one year of funds must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
74	There needs to be at least one participant when funds have been indicated for Participant Support Costs.	Error	✓	✓	✓	✓	✓	✓	✓	✓
75	Participant support cost amounts cannot equal zero when there are one or more participants.	Error	✓	✓	✓	✓	✓	✓	✓	✓
76	The indirect cost description must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
77	Indirect cost has a rate but no base indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
78	Indirect cost has a description but no rate or base for at least one year.	Error	✓	✓	✓	✓	✓	✓	✓	✓
79	When an indirect line has been added, the description and at least one year of the rate and base must be specified.	Error	✓	✓	✓	✓	✓	✓	✓	✓
80	Indirect cost has a base but no rate indicated.	Error	✓	✓	✓	✓	✓	✓	✓	✓
81	The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements.	Warning	✓	N/A	✓	✓	N/A	N/A	✓	✓
82	The total requested budget amount cannot exceed \$999,999,999.	Error	✓	✓	✓	✓	✓	✓	✓	✓
83	The number of years in a subawardee budget must be equal to or less than the prime budget.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
PROPOSAL COVER SHEET CHECKS										
84	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓	✓	✓	✓	✓	✓	✓	✓
85	Place of Performance postal code not valid for the selected state.	Error	✓	✓	✓	✓	✓	✓	✓	✓
86	A Requested Start Date has not been entered.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
87	Proposal Duration cannot be blank or zero.	Error	✓	✓	✓	✓	✓	✓	✓	✓
88	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
89	Vertebrate Animals is selected but the PHS assurance radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
90	Vertebrate Animals and Approved animal-use protocol are selected but required fields are missing: IACUC Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓
91	Vertebrate Animals and Approved PHS assurance are selected but required fields are missing: PHS Animal Welfare Assurance Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓
92	Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB).	Error	✓	✓	✓	✓	✓	✓	✓	✓
93	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓
94	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓
95	International Activities is selected but Country is missing.	Error	✓	✓	✓	✓	✓	✓	✓	✓
96	Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
97	Funding of a foreign organization is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
98	The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions).	Error	✓	✓	✓	✓	✓	✓	✓	✓
99	If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked.	Error	✓	✓	✓	✓	✓	✓	✓	✓
PROPOSAL DEADLINE SUBMISSION CHECKS										
100	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	✓	✓	✓	✓	✓	✓	✓
101	A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile).	Error	✓	✓	✓	✓	✓	✓	✓	✓
102	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
103	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	✓	✓	✓	✓	✓	✓	✓
104	A proposal cannot be submitted if a deadline, window, target date or “accepted anytime” has not been selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓
105	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	✓	✓	✓	✓	✓	✓	✓
106	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	✓	✓	✓	✓	✓	✓	✓
107	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	✓	✓	✓	✓	✓	✓	✓
108	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	✓	✓	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL							
			RESEARCH	GOALI	IDEAS LAB	FASED	CONFERENCE	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE
109	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	✓	✓	✓	✓	✓	✓	✓
110	An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone.	Error	✓	N/A	✓	✓	✓	✓	✓	✓
PROPOSAL LINKING CHECKS										
111	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	N/A	✓	✓	✓	✓	✓	✓
112	A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted.	Warning	✓	N/A	✓	✓	✓	✓	✓	✓
113	A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a non-lead organization and will automatically be canceled upon submission.	Warning	✓	N/A	✓	✓	✓	✓	✓	✓
PROPOSAL SUBMISSION CHECKS										
114	An Industrial co-PI is required in at least one organization (prime or subaward) on a GOALI proposal if a small business partner organization is not included.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
115	An Industrial co-PI is required in the small business partner organization on a GOALI proposal when a small business partner organization is included.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
116	A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status.	Warning	✓	N/A	✓	✓	✓	✓	✓	✓
117	The proposal does not use the current <i>Proposal & Award Policies & Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓	✓	✓	✓	✓	✓	✓	✓
118	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	✓	✓	✓	✓	✓	✓	✓

Notes:

- List provides current checks performed by the Research.gov system as of January 30, 2023, for accomplishment-based renewal proposals.
- The available proposal types for renewal and accomplishment-based renewal proposals are limited to Research, GOALI, Ideas Lab, FASED, Conference, Travel, Center, and Research Infrastructure. To renew a RAPID, EAGER, or Planning proposal, the Principal Investigator will select the Research proposal type.
- Research.gov supports all proposal and submission types including (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; and (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov [Proposal Submission Capabilities](#) table on the Research.gov [About Proposal Preparation and Submission](#) page for additional details.
- Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- A project data form is currently only required to be submitted with some Directorate for STEM Education (EDU) proposals. Refer to the EDU funding opportunity for project data form submission requirements.
- Compliance check will also be performed for a Current and Pending (Other) Support Update requested by NSF.
- A Proposal Update Justification is not required to be submitted for a Current and Pending (Other) Support Update requested by NSF.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending (Other) Support compliance checks apply to proposals, supplemental funding requests, and to documents submitted in annual and final project reports when active other support has changed. For additional information see: <https://www.nsf.gov/bfa/dias/policy/cps.jsp>.
- Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- Compliance checks that trigger an error message will stop proposal submission to NSF.
- Compliance checks that trigger a warning message will allow proposal submission to NSF.
- Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the supplemental funding request fails the compliance check.

N/A = The system does not run a compliance check because the rule doesn't apply to the supplemental funding request.

AUTOMATED SUPPLEMENTAL FUNDING REQUEST COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023				
#	COMPLIANCE CHECK	ERROR/ WARNING	SUPPLEMENTAL FUNDING REQUEST	CAREER-LIFE BALANCE SUPPLEMENTAL FUNDING REQUEST
SUPPLEMENTAL FUNDING REQUEST SECTION EXISTS CHECKS				
1	Summary of Proposed Work is required.	Error	✓	N/A
2	Description of Proposed Support is required.	Error	N/A	✓
3	Justification for Supplemental Funding is required.	Error	✓	✓
4	Budget Justification(s) is required.	Error	✓	✓
DOCUMENT EXISTS CHECKS				
5	Supplemental Funding Request Update Justification is required (Supplemental Request Update/Budget Revision).	Error	✓	✓
SUPPLEMENTAL FUNDING REQUEST SECTION PAGE COUNT CHECKS				
6	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel.	Error	✓	✓
7	Budget Justification page count cannot exceed 5 pages.	Error	✓	✓
8	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓	✓
DURATION OF PROPOSED SUPPORT CHECKS				
9	Proposed Duration for Family Leave cannot be blank or zero.	Error	N/A	✓
10	Proposed Duration for Support Personnel cannot be blank or zero.	Error	N/A	✓
11	Proposed Duration for Family Leave cannot exceed six months.	Error	N/A	✓
12	Proposed Duration for Support Personnel cannot exceed six months.	Error	N/A	✓
13	Proposed Duration for Support Personnel cannot be greater than Proposed Duration for Family Leave.	Error	N/A	✓
SUPPLEMENTAL FUNDING REQUEST SECTION FILE TYPE CHECKS				
14	xlsx document is the only acceptable file upload type for: • Collaborators and Other Affiliations	Error	✓	✓
15	PDF document is the only acceptable file upload type for: • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Biographical Sketch • Current and Pending (Other) Support • Postdoctoral Mentoring Plan • Other Supplementary Documents	Error	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	SUPPLEMENTAL FUNDING REQUEST	CAREER-LIFE BALANCE SUPPLEMENTAL FUNDING REQUEST
SUPPLEMENTAL FUNDING REQUEST SECTION FILE UPLOAD CHECKS				
16	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Biographical Sketch • Current and Pending (Other) Support • Postdoctoral Mentoring Plan • Other Supplementary Documents 	Error	✓	✓
17	PDF file must be in an NSF-approved format: <ul style="list-style-type: none"> • Biographical Sketch • Current and Pending (Other) Support 	Error	✓	✓
18	Document must not contain invalid characters in the column names for: <ul style="list-style-type: none"> • Collaborators and Other Affiliations 	Error	✓	✓
19	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Biographical Sketch • Current and Pending (Other) Support • Postdoctoral Mentoring Plan • Other Supplementary Documents 	Error	✓	✓
20	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Postdoctoral Mentoring Plan 	Error	✓	✓
21	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Postdoctoral Mentoring Plan 	Error	✓	✓
SUPPLEMENTAL FUNDING REQUEST SECTION FILE SIZE CHECKS				
22	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Biographical Sketch • Current and Pending (Other) Support • Collaborators and Other Affiliations • Postdoctoral Mentoring Plan • Other Supplementary Documents 	Error	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	SUPPLEMENTAL FUNDING REQUEST	CAREER-LIFE BALANCE SUPPLEMENTAL FUNDING REQUEST
SUPPLEMENTAL FUNDING REQUEST SECTION UPLOAD FILE NAME CHECKS				
23	Document upload file name cannot exceed 254 characters for: <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Biographical Sketch • Current and Pending (Other) Support • Collaborators and Other Affiliations • Postdoctoral Mentoring Plan • Other Supplementary Documents 	Error	✓	✓
SUPPLEMENTAL FUNDING REQUEST SECTION LINE SPACING CHECKS				
24	Line spacing should be no more than six lines per inch on: <ul style="list-style-type: none"> • Summary of Proposed Work • Description of Proposed Work • Justification for Supplemental Funding • Budget Justification(s) • Budget Impact Statement • Postdoctoral Mentoring Plan • Other Supplementary Documents 	Warning	✓	✓
SUPPLEMENTAL FUNDING REQUEST BUDGET CHECKS				
25	Senior personnel has funds but no months indicated.	Error	✓	✓
26	Senior personnel has months but no funds indicated.	Error	✓	✓
27	When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified.	Error	✓	✓
28	When Other Professionals are included, number of personnel, months, and funds must be specified.	Error	✓	✓
29	When Graduate Students are included, number of personnel and funds must be specified.	Error	✓	✓
30	When Undergraduate Students are included, number of personnel and funds must be specified.	Error	✓	✓
31	When Administrative/Clerical are included, number of personnel and funds must be specified.	Error	✓	✓
32	When Other Personnel are included, number of personnel and funds must be specified.	Error	✓	✓
33	Equipment has funds for at least one year but no description.	Error	✓	✓
34	Equipment has a description but no funds for at least one year.	Error	✓	✓
35	When an equipment line has been added, the description and at least one year of funds must be specified.	Error	✓	✓
36	There needs to be at least one participant when funds have been indicated for Participant Support Costs	Error	✓	✓
37	Participant support cost amounts cannot equal zero when there are one or more participants.	Error	✓	✓
38	The indirect cost description must be specified.	Error	✓	✓
39	Indirect cost has a rate but no base indicated.	Error	✓	✓
40	Indirect cost has a description but no rate or base for at least one year.	Error	✓	✓
41	When an indirect line has been added, the description and at least one year of the rate and base must be specified.	Error	✓	✓
42	Indirect cost has a base but no rate indicated.	Error	✓	✓
43	The total requested budget amount cannot exceed \$999,999,999.	Error	✓	✓
44	The number of years in a subawardee budget must be equal to or less than the prime budget.	Error	✓	✓
45	The total Fee amount cannot exceed 7% of the Supplemental Funding Request Amount (Budget Line J) in the Prime Organization budget for SBIR and STTR Phase I awards.	Error	✓	✓
46	The total Fee amount cannot exceed 10% of the Supplemental Funding Request Amount (Budget Line J) in the Prime Organization budget for SBIR and STTR Phase II awards.	Error	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	SUPPLEMENTAL FUNDING REQUEST	CAREER-LIFE BALANCE SUPPLEMENTAL FUNDING REQUEST
SUPPLEMENTAL FUNDING REQUEST COVER SHEET CHECKS				
47	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓	✓
48	Place of Performance postal code not valid for the selected state.	Error	✓	✓
49	Requested Additional Duration should not be greater than six months.	Warning	✓	✓
SUPPLEMENTAL FUNDING REQUEST DEADLINE SUBMISSION CHECKS				
50	A supplemental funding request cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	✓
51	A Supplemental Request Update/Budget Revision cannot be submitted after reviewers have been assigned to the supplemental funding request.	Error	✓	✓
52	A Budget Revision cannot be submitted once the supplemental funding request has been declined, returned, withdrawn, or awarded.	Error	✓	✓
53	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the supplemental funding request has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	✓
54	A Supplemental Request Update/Budget Revision cannot be created when the NSF internal system supplemental request status is "pending."	Error	✓	✓
55	A supplemental funding request cannot be submitted if the award is closed or cancelled.	Error	✓	✓
56	A Supplemental Request Update/Budget Revision cannot be submitted if the award is closed or cancelled.	Error	✓	✓
SUPPLEMENTAL FUNDING REQUEST SUBMISSION CHECKS				
57	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	✓

Notes:

1. List provides current checks performed by the Research.gov system as of January 30, 2023, for supplemental funding requests.
2. Supplemental funding requests can be submitted in Research.gov regardless of the system used (Research.gov, FastLane, or Grants.gov) for proposal submission. View the Research.gov [About Supplemental Funding Request Preparation and Submission](#) page for additional details.
3. Not all NSF policy requirements are currently enforced by automated compliance checks.
4. Current and Pending (Other) Support compliance checks apply to proposals, supplemental funding requests, and to documents submitted in annual and final project reports when active other support has changed. For additional information see: <https://www.nsf.gov/bfa/dias/policy/cps.jsp>.
5. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a supplemental funding request that will trigger a compliance check (e.g., uploading documents).
6. Compliance checks that trigger an error message will stop supplemental funding request submission to NSF.
7. Compliance checks that trigger a warning message will allow supplemental funding request submission to NSF.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.