





#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL										
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
31	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> <li>Project Summary</li> <li>Project Description</li> <li>References Cited (<a href="#">see note 4</a>)</li> <li>Other Personnel Biographical Information</li> <li>Budget Justification(s)</li> <li>Facilities, Equipment and Other Resources</li> <li>Postdoctoral Mentoring Plan</li> <li>Data Management Plan</li> <li>Other Supplementary Documents</li> <li>List of Suggested Reviewers</li> <li>List of Reviewers Not to Include</li> <li>Budget Impact Statement</li> <li>Special Exception—Natural or Anthropogenic Event</li> <li>Proprietary or Privileged Information</li> <li>Disclosure of Lobbying Activities</li> <li>Additional Single Copy Documents</li> </ul>	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> <li>Biographical Sketch (<a href="#">see note 4</a>)</li> <li>Current and Pending Support</li> </ul>	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> <li>Program Officer Concurrence Email</li> </ul>	Error	N/A	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	N/A
34	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"> <li>Industrial PI Confirmation Letter</li> <li>Intellectual Property Agreement</li> </ul>	Error	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A
<b>PROPOSAL SECTION FILE UPLOAD CHECKS</b>													
35	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> <li>Project Summary</li> <li>Project Description</li> <li>References Cited (<a href="#">see note 4</a>)</li> <li>Other Personnel Biographical Information</li> <li>Budget Justification(s)</li> <li>Facilities, Equipment and Other Resources</li> <li>Postdoctoral Mentoring Plan</li> <li>Data Management Plan</li> <li>Other Supplementary Documents</li> <li>List of Suggested Reviewers</li> <li>List of Reviewers Not to Include</li> <li>Budget Impact Statement</li> <li>Special Exception—Natural or Anthropogenic Event</li> <li>Proprietary or Privileged Information</li> <li>Disclosure of Lobbying Activities</li> <li>Additional Single Copy Documents</li> </ul>	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> <li>Biographical Sketch (<a href="#">see note 4</a>)</li> <li>Current and Pending Support</li> </ul>	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"> <li>Program Officer Concurrence Email</li> </ul>	Error	N/A	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	N/A













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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
<b>PROPOSAL DEADLINE SUBMISSION CHECKS</b>													
103	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
105	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
106	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
107	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
108	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
109	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
110	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
111	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
112	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
113	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	✓	✓	✓	✓	✓
<b>PROPOSAL LINKING CHECKS</b>													
114	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓
115	A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓
116	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	✓	✓	✓	✓	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL										
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
<b>PROPOSAL SUBMISSION CHECKS</b>													
117	An Industrial co-PI is required in the prime organization for a GOALI proposal.	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
118	A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓
119	The proposal does not use the current <i>Proposal &amp; Award Policies &amp; Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
120	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 October 4, 2021 for full proposals submitted in Research.gov.
- The system currently supports Research, Planning, RAPID, EAGER, RAISE, GOALI, Ideas Lab, FASED, Conference, Equipment, and Travel proposals that are (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.
- 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.
- Research.gov now supports preparation and submission of many proposal and submission types. The letter of intent submission type and Planning and GOALI full proposals were enabled on October 4, 2021. View the [Research.gov Proposal Submission Capabilities](#) for details.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending Support compliance checks apply to proposals 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 prohibit 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 supported in Research.gov, 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](mailto: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

☐ = Checks only performed by Research.gov.

**AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF OCTOBER 4, 2021 FOR RENEWAL PROPOSALS**

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL										
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
<b>PROPOSAL SECTION EXISTS CHECKS</b>													
1	Project Summary is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
2	Project Description is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
3	References Cited is required ( <a href="#">see note 5</a> ).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	N/A	N/A
4	Budget Justification(s) is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
5	Facilities, Equipment and Other Resources is required (conditionally required for Conference and Travel proposals).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	N/A	✓
6	Biographical Sketch is required for each PI/co-PI/Senior Personnel ( <a href="#">see note 5</a> ).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	N/A	N/A
7	Current and Pending Support is required for each PI/co-PI/Senior Personnel.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
8	Collaborators and Other Affiliations is required (conditionally required for Conference proposals).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	N/A	✓
9	Data Management Plan is required	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
10	Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>DOCUMENT EXISTS CHECKS</b>													
11	Proposal Update Justification is required (Proposal File Update/Budget Justification).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
12	Nature of Natural or Anthropogenic Event document is required (Conditionally Required).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
13	Proprietary or Privileged Information document is required (Conditionally Required).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
14	Disclosure of Lobbying Activities document is required (Conditionally Required).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
15	A Program Officer Concurrence Email is required for RAPID, EAGER, and RAISE proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A

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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
<b>PROPOSAL SECTION PAGE COUNT CHECKS</b>													
17	Project Summary page count cannot exceed 1 page.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
18	Project Description page count cannot exceed 5 pages 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
19	Project Description page count cannot exceed 8 pages 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
20	Project Description page count cannot exceed 15 pages (excludes RAPID, EAGER and Planning).	Error	✓	N/A	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	✓
21	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see note 5).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
22	Budget Justification page count cannot exceed 5 pages.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
23	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
24	Data Management Plan page count cannot exceed 2 pages.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION HEADING CHECKS</b>													
25	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
26	Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION URL CHECKS</b>													
27	Hyperlinks (URLs) must not be used in the Project Description.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION FILE TYPE CHECKS</b>													
28	.xlsx document is the only acceptable file upload type for: • Collaborators and Other Affiliations (Conditionally required for Conference proposals)	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A
29	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	✓	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
30	PDF document is the only acceptable file upload type for: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
31	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	N/A	N/A	N/A
<b>PROPOSAL SECTION FILE UPLOAD CHECKS</b>													
32	PDF file must not be password protected or have restricted permissions: • Project Summary • Project Description • References Cited ( <a href="#">see note 5</a> ) • 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	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
33	PDF file must not be password protected or have restricted permissions: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
34	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	N/A	N/A	N/A
35	PDF file must be in an NSF-approved format: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
36	Document must not contain invalid characters in the column names for: • Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A

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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
37	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"> <li>Project Summary</li> <li>Project Description</li> <li>References Cited (<a href="#">see note 5</a>)</li> <li>Other Personnel Biographical Information</li> <li>Budget Justification(s)</li> <li>Facilities, Equipment and Other Resources</li> <li>Postdoctoral Mentoring Plan</li> <li>Data Management Plan</li> <li>Other Supplementary Documents</li> <li>List of Suggested Reviewers</li> <li>List of Reviewers Not to Include</li> <li>Budget Impact Statement</li> <li>Special Exception—Natural or Anthropogenic Event</li> <li>Proprietary or Privileged Information</li> <li>Disclosure of Lobbying Activities</li> <li>Additional Single Copy Documents</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
38	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"> <li>Industrial PI Confirmation Letter</li> <li>Intellectual Property Agreement</li> </ul>	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
39	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"> <li>Project Summary</li> <li>Project Description</li> <li>References Cited (<a href="#">see note 5</a>)</li> <li>Other Personnel Biographical Information</li> <li>Budget Justification(s)</li> <li>Facilities, Equipment and Other Resources</li> <li>Postdoctoral Mentoring Plan</li> <li>Data Management Plan</li> <li>List of Suggested Reviewers</li> <li>List of Reviewers Not to Include</li> <li>Budget Impact Statement</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION FILE SIZE CHECKS</b>													
40	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"> <li>Project Summary</li> <li>Project Description</li> <li>References Cited (<a href="#">see note 5</a>)</li> <li>Other Personnel Biographical Information</li> <li>Budget Justification(s)</li> <li>Facilities, Equipment and Other Resources</li> <li>Postdoctoral Mentoring Plan</li> <li>Data Management Plan</li> <li>List of Suggested Reviewers</li> <li>List of Reviewers Not to Include</li> <li>Budget Impact Statement</li> <li>Special Exception – Natural or Anthropogenic Event</li> <li>Proprietary or Privileged Information</li> <li>Disclosure of Lobbying Activities</li> <li>Additional Single Copy Documents</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓

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<b>PROPOSAL SECTION FILE SIZE CHECKS</b>													
41	Document upload file size maximum is 10 MB for: • Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A
42	Document upload file size maximum is 10 MB for: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
43	Document upload file size maximum is 10 MB for: • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
<b>PROPOSAL SECTION UPLOAD FILE NAME CHECKS</b>													
44	Document upload file name cannot exceed 254 characters for: • Project Summary • Project Description • References Cited ( <a href="#">see note 5</a> ) • 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	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
45	Document upload file name cannot exceed 254 characters for: • Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A
46	Document upload file name cannot exceed 254 characters for: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
47	Document upload file name cannot exceed 254 characters for: • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL										
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<b>PROPOSAL SECTION UPLOAD MARGIN CHECKS</b>													
48	Document margins, in all directions (top, bottom, left, and right), must be at least an inch for: <ul style="list-style-type: none"> <li>• Project Summary</li> <li>• Project Description</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION LINE SPACING CHECKS</b>													
49	Line spacing should be no more than six lines per inch on: <ul style="list-style-type: none"> <li>• Project Summary</li> <li>• Project Description</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> </ul>	Warning	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL BUDGET CHECKS</b>													
50	Senior personnel has funds, but no months indicated.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
51	All senior personnel in the budget must have months and funds associated for at least one year.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
52	Senior personnel has months but no funds indicated.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
53	When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
54	When Other Professionals are included, number of personnel, months, and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
55	When Graduate Students are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
56	When Undergraduate Students are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
57	When Administrative/Clerical are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
58	When Other Personnel are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
59	Equipment has funds for at least one year but no description.	Error	✓	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
60	Equipment has a description but no funds for at least one year.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
61	When an equipment line has been added, the description and at least one year of funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
62	There needs to be at least one participant when funds have been indicated for Participant Support Costs.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
63	Participant support cost amounts cannot equal zero when there are one or more participants.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
64	The indirect cost description must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
65	Indirect cost has a rate but no base indicated.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
66	Indirect cost has a description but no rate or base for at least one year.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
67	When an indirect line has been added, the description and at least one year of the rate and base must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
68	Indirect cost has a base but no rate indicated.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
69	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	N/A	N/A	✓	✓	N/A	N/A	N/A
70	The budget maximum cannot exceed \$200K 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
71	The budget maximum cannot exceed \$300K 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
72	The budget maximum cannot exceed \$1M 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
73	The number of years in a subawardee budget must be equal to or less than the prime budget.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL COVER SHEET CHECKS</b>													
74	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
75	Place of Performance postal code not valid for the selected state.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
76	A Requested Start Date has not been entered.	Warning	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
77	Proposal Duration cannot be blank or zero.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
78	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
79	Vertebrate Animals and Approved are selected but required fields are missing: IACUC Approval Date, PHS Animal Welfare Assurance Number.	Error	✓	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	
80	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	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
81	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
82	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
83	International Activities is selected but Country is missing.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
84	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	N/A	N/A	✓	✓	✓	✓	N/A	✓
85	Funding of a foreign organization is selected but a country name is not selected.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
86	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	N/A	N/A	✓	✓	✓	✓	N/A	✓
87	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	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL DEADLINE SUBMISSION CHECKS</b>														
88	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
89	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	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
90	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
91	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
92	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
93	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
94	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
95	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
96	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
97	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
98	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	✓

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL											
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	
<b>PROPOSAL LINKING CHECKS</b>														
99	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
100	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	✓
101	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	✓
<b>PROPOSAL SUBMISSION CHECKS</b>														
102	An Industrial co-PI is required in the prime organization for a GOALI proposal.	Error	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
103	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	✓	✓	✓	N/A	✓
104	The proposal does not use the current <i>Proposal &amp; Award Policies &amp; Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
105	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓

**Notes:**

- List provides current checks performed by the Research.gov system as of October 4, 2021, for renewal proposals submitted in Research.gov.
- The available proposal types for renewal and accomplishment-based renewal proposals are limited to Research, GOALI, FASED, Conference, and Travel. To renew a RAPID, EAGER, or Planning proposal, the Principal Investigator will select the Research proposal type.
- The system currently supports Research, Planning, RAPID, EAGER, RAISE, GOALI, Ideas Lab, FASED, Conference, Equipment, and Travel proposals that are (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.
- 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.
- Research.gov now supports preparation and submission of many proposal and submission types. The letter of intent submission type and Planning and GOALI full proposals were enabled on October 4, 2021. View the [Research.gov Proposal Submission Capabilities](#) for additional details.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending Support compliance checks apply to proposals 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 prohibit 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 supported in Research.gov, 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](mailto: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

= Checks only performed by Research.gov.

## AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF OCTOBER 4, 2021 FOR ACCOMPLISHMENT-BASED RENEWAL PROPOSALS

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL										
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL
<b>PROPOSAL SECTION EXISTS CHECKS</b>													
1	Project Summary is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
2	Summary of Plans is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
3	Human Resources is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
4	Publications is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
5	References Cited is required ( <a href="#">see note 5</a> ).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	N/A	N/A
6	Budget Justification(s) is required.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
7	Facilities, Equipment and Other Resources is required (conditionally required for Conference and Travel proposals).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
8	Biographical Sketch is required for each PI/co-PI/Senior Personnel ( <a href="#">see note 5</a> ).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	N/A	N/A
9	Current and Pending Support is required for each PI/co-PI/Senior Personnel.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
10	Collaborators and Other Affiliations is required (conditionally required for Conference proposals).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A
11	Data Management Plan is required	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
12	Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>DOCUMENT EXISTS CHECKS</b>													
13	Proposal Update Justification is required (Proposal File Update/Budget Justification).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
14	Nature of Natural or Anthropogenic Event document is required (Conditionally Required).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
15	Proprietary or Privileged Information document is required (Conditionally Required).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
16	Disclosure of Lobbying Activities document is required (Conditionally Required).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
17	A Program Officer Concurrence Email is required for RAPID, EAGER, and RAISE proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	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
<b>PROPOSAL SECTION PAGE COUNT CHECKS</b>													
19	Project Summary page count cannot exceed 1 page.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
20	Project Description page count cannot exceed 5 pages 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
21	Project Description page count cannot exceed 8 pages 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
22	Summary of Plans cannot exceed 4 pages.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
23	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see note 5).	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
24	Budget Justification page count cannot exceed 5 pages.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
25	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
26	Data Management Plan page count cannot exceed 2 pages.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION HEADING CHECKS</b>													
27	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION URL CHECKS</b>													
28	URLs are not permitted in the Summary of Plans.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION FILE TYPE CHECKS</b>													
29	.xlsx document is the only acceptable file upload type for: • Collaborators and Other Affiliations (Conditionally required for Conference proposals)	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A
30	PDF document is the only acceptable file upload type for: • 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	✓	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
31	PDF document is the only acceptable file upload type for: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
32	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	N/A	N/A	N/A
<b>PROPOSAL SECTION FILE UPLOAD CHECKS</b>													
33	PDF file must not be password protected or have restricted permissions: • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited ( <a href="#">see note 5</a> ) • 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	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
34	PDF file must not be password protected or have restricted permissions: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
35	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	N/A	N/A	N/A
36	PDF file must be in an NSF-approved format: • Biographical Sketch ( <a href="#">see note 5</a> ) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
37	Document must not contain invalid characters in the column names for: • Collaborators and Other Affiliations	Error	✓	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
38	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"> <li>• Project Summary</li> <li>• Summary of Plans</li> <li>• Human Resources Development</li> <li>• Publications</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• Other Supplementary Documents</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> <li>• Special Exception—Natural or Anthropogenic Event</li> <li>• Proprietary or Privileged Information</li> <li>• Disclosure of Lobbying Activities</li> <li>• Additional Single Copy Documents</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
39	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"> <li>• Industrial PI Confirmation Letter</li> <li>• Intellectual Property Agreement</li> </ul>	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
40	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"> <li>• Project Summary</li> <li>• Summary of Plans</li> <li>• Human Resources Development</li> <li>• Publications</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION FILE SIZE CHECKS</b>													
41	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"> <li>• Project Summary</li> <li>• Summary of Plans</li> <li>• Human Resources Development</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
42	Document upload file size maximum is 20 MB for: <ul style="list-style-type: none"> <li>• Publications</li> </ul>	Error	✓	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	
43	Document upload file size maximum is 10 MB for: • Collaborators and Other Affiliations (conditionally required for Conference Proposals).	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A
44	Document upload file size maximum is 10 MB for: • Biographical Sketch (see note 5) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
45	Document upload file size maximum is 10 MB for: • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
<b>PROPOSAL SECTION UPLOAD FILE NAME CHECKS</b>														
46	Document upload file name cannot exceed 254 characters for: • 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	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
47	Document upload file name cannot exceed 254 characters for: • Collaborators and Other Affiliations (conditionally required for Conference proposals)	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
48	Document upload file name cannot exceed 254 characters for: • Biographical Sketch (see note 5) • Current and Pending Support	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
49	Document upload file name cannot exceed 254 characters for: • Industrial PI Confirmation Letter • Intellectual Property Agreement	Error	N/A	N/A	N/A	N/A	N/A	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
<b>PROPOSAL SECTION UPLOAD MARGIN CHECKS</b>													
50	Document margins, in all directions (top, bottom, left, and right), must be at least an inch for: <ul style="list-style-type: none"> <li>• Project Summary</li> <li>• Summary of Plans</li> <li>• Human Resources Development</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> </ul>	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL SECTION LINE SPACING CHECKS</b>													
51	Line spacing should be no more than six lines per inch on: <ul style="list-style-type: none"> <li>• Project Summary</li> <li>• Summary of Plans</li> <li>• Human Resources Development</li> <li>• References Cited (<a href="#">see note 5</a>)</li> <li>• Other Personnel Biographical Information</li> <li>• Budget Justification(s)</li> <li>• Facilities, Equipment and Other Resources</li> <li>• Postdoctoral Mentoring Plan</li> <li>• Data Management Plan</li> <li>• List of Suggested Reviewers</li> <li>• List of Reviewers Not to Include</li> <li>• Budget Impact Statement</li> </ul>	Warning	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL BUDGET CHECKS</b>													
52	Senior personnel has funds, but no months indicated.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
53	All senior personnel in the budget must have months and funds associated for at least one year.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
54	Senior personnel has months but no funds indicated.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
55	When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
56	When Other Professionals are included, number of personnel, months, and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
57	When Graduate Students are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
58	When Undergraduate Students are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
59	When Administrative/Clerical are included, number of personnel and funds must be specified.	Error	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
60	When Other Personnel are included, number of personnel and funds must be specified.	Error	✓	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	
82	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	
83	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
84	Vertebrate Animals and Approved are selected but required fields are missing: IACUC Approval Date, PHS Animal Welfare Assurance Number.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
85	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	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
86	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
87	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
88	International Activities is selected but Country is missing.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
89	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	N/A	N/A	✓	✓	✓	✓	N/A	✓
90	Funding of a foreign organization is selected but a country name is not selected.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
91	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	N/A	N/A	✓	✓	✓	✓	N/A	✓
92	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	N/A	N/A	✓	✓	✓	✓	N/A	✓
<b>PROPOSAL DEADLINE SUBMISSION CHECKS</b>														
93	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
94	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	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
95	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
96	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
97	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
98	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
99	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
100	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	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	
101	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
102	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
103	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	✓	✓	✓	N/A	✓
<b>PROPOSAL LINKING CHECKS</b>														
104	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	N/A	✓
105	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	✓	✓	✓	N/A	✓
106	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	✓	✓	✓	N/A	✓
<b>PROPOSAL DEADLINE SUBMISSION CHECKS</b>														
107	An Industrial co-PI is required in the prime organization for a GOALI proposal.	Error	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
108	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	✓	✓	✓	N/A	✓
109	The proposal does not use the current <i>Proposal &amp; Award Policies &amp; Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓
110	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	N/A	✓

**Notes:**

- List provides current checks performed by the Research.gov system as of October 4, 2021, for accomplishment-based renewal proposals submitted in Research.gov.
- The available proposal types for renewal and accomplishment-based renewal proposals are limited to Research, GOALI, FASED, Conference, and Travel. To renew a RAPID, EAGER, or Planning proposal, the Principal Investigator will select the Research proposal type.
- The system currently supports Research, Planning, RAPID, EAGER, RAISE, GOALI, Ideas Lab, FASED, Conference, Equipment, and Travel proposals that are (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.
- 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.
- Research.gov now supports preparation and submission of many proposal and submission types. The letter of intent submission type and Planning and GOALI full proposals were enabled on October 4, 2021. View the [Research.gov Proposal Submission Capabilities](#) for additional details.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending Support compliance checks apply to proposals 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).

**Notes (continued):**

10. Compliance checks that trigger an error message will prohibit proposal submission to NSF.

11. Compliance checks that trigger a warning message will allow proposal submission to NSF.

12. Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements supported in Research.gov, 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](mailto: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

☐ = Checks only performed by Research.gov.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF OCTOBER 4, 2021 FOR LETTERS OF INTENT		
#	COMPLIANCE CHECK	ERROR/ WARNING
DOCUMENT EXISTS CHECKS		
1	Project Synopsis is required.	Error
PROPOSAL SECTION PAGE COUNT CHECKS		
2	Project Synopsis page count cannot exceed 1 page.	Error
3	Project Synopsis character count cannot exceed 2,500 characters.	Error
PROPOSAL SECTION FILE TYPE CHECKS		
4	PDF document is the only acceptable file upload type for: <ul style="list-style-type: none"><li>• Project Synopsis</li></ul>	Error
PROPOSAL SECTION FILE UPLOAD CHECKS		
5	PDF file must not be password protected or have restricted permissions: <ul style="list-style-type: none"><li>• Project Synopsis</li></ul>	Error
6	PDF file must not be an empty file (no image and no text): <ul style="list-style-type: none"><li>• Project Synopsis</li></ul>	Error
7	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"><li>• Project Synopsis</li></ul>	Error
PROPOSAL SECTION FILE SIZE CHECKS		
8	Document upload file size maximum is 10 MB for: <ul style="list-style-type: none"><li>• Project Synopsis</li></ul>	Error

### Notes:

1. List provides current checks performed by the Research.gov system as of October 4, 2021, for letters of intent submitted in Research.gov.
2. Research.gov now supports preparation and submission of many proposal and submission types. The letter of intent submission type and Planning and GOAL full proposals were enabled on October 4, 2021. View the [Research.gov Proposal Submission Capabilities](#) 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 prohibit 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](mailto:rgov@nsf.gov).