

July 11, 2016

**ANNOUNCEMENT OF FEDERAL FUNDING OPPORTUNITY (FFO)
Project to Develop, Produce, and Distribute a Documentary Film about Rebooting
the International Measurement System**

EXECUTIVE SUMMARY

- **Federal Agency Name:** National Institute of Standards and Technology (NIST), United States Department of Commerce (DoC)
- **Funding Opportunity Title:** Project to Develop, Produce, and Distribute a Documentary Film about Rebooting the International Measurement System
- **Announcement Type:** Initial
- **Funding Opportunity Number:** 2016-NIST-KG-01
- **Catalog of Federal Domestic Assistance (CFDA) Number:** 11.620, Science, Technology, Business and/or Education Outreach
- **Dates:** Applications must be received at Grants.gov no later than 11:59 p.m. Eastern Time, Monday, September 26, 2016. Applications received after this deadline will not be reviewed or considered. Applicants should be aware, and factor in their application submission planning, that the Grants.gov system is expected to be closed for routine maintenance at these times: from 12:01 a.m. Eastern Time, Saturday, July 16, 2016 until Monday, July 18, 2016 at 6:00 a.m. Eastern Time; and from 12:01 a.m. Eastern Time, Saturday, August 20, 2016 until Monday, August 22, 2016 at 6:00 a.m. Eastern Time. Applications cannot be submitted when Grants.gov is closed. NIST expects to complete its review, selection of successful applicants, and award processing by November 2016. NIST expects the earliest anticipated start date for awards under this FFO to be December 2016.

Applicants are strongly urged to read Section IV.2.b., Attachment of Required Application Documents, found on page 15 of this FFO, with great attention. Applicants should carefully follow the instructions and recommendations regarding attachments and using Grants.gov's Download Submitted Applications feature to check that all required attachments were contained in their submission. Applications submitted without the required documents will not pass the Initial Administrative Review, described in Section V.3.a. of this FFO.

When developing your submission timeline, please keep in mind that (1) all applicants are required to have a current registration in the System for Award Management (SAM.gov); (2) the free annual registration process in the electronic System for Award Management (SAM.gov) (see Section IV.3. and Section

IV.7.a.(1).(b). of this FFO) often takes between three and five business days and may take as long as two weeks; (3) electronic applicants are required to have a current registration in Grants.gov; and (4) applicants using Grants.gov will receive email notifications over a period of up to two business days as the application moves through intermediate systems before the applicant learns via a validation or rejection notification whether NIST has received the application. (See <http://www.grants.gov> for full information on application and notification through Grants.gov). Please note that a federal assistance award cannot be issued if the designated recipient's registration in the System for Award Management (SAM.gov) is not current at the time of the award.

- **Application Submission Address:** Applications must be submitted using Grants.gov.
- **Funding Opportunity Description:** NIST invites applications from eligible applicants for the development, production, and distribution of a 60 to 90 minute documentary film on the subject of the complete overhaul of the world's international system of measurement (also called the metric system) and the race among the world's best scientists to make this possible by redefining the kilogram based on natural phenomena. The working title of the project is "The Last Artifact" (see Section I.1. of this FFO). It is expected that the recipient will develop, produce, and secure distribution for, a documentary film on this subject, similar in production value and narrative creativity to the recent science documentary film "Particle Fever"¹, that will:
 - show the public the hidden drama and determination required by scientists all over the world as they sprint to complete a scientific *tour de force* decades in the making;
 - illustrate and break down scientific concepts to make them understandable for a general audience, while maintaining the story line and narrative flow driven by the scientists doing this work; and
 - have a contemporary look and feel in all aspects of the production including cinematography, editorial structure and pacing, 2D and 3D motion graphics, and music.

The stylistic tone of the documentary should be intriguing and emotionally engaging, weaving together on-camera interviews with key individuals, well-shot b-roll, contemporary motion graphics and animation, and a dynamic editorial style that effectively utilizes music.

It is also expected that the recipient will secure broad distribution for the documentary film, including a release date (broadcast/cable and online) between December 2018 and March 2019.

¹ <http://particlefever.com/>

- **Anticipated Amounts:** NIST anticipates funding one award of up to \$500,000 for a period of performance of up to 24 months.
- **Funding Instrument:** Grant or cooperative agreement, as appropriate
- **Who Is Eligible:** Eligibility for the program listed in this FFO is unrestricted, that is, open to all non-Federal entities. Eligible applicants include accredited institutions of higher education; non-profit organizations incorporated in the United States; for-profit organizations incorporated in the United States; and state, local, territorial and Indian tribal governments within the United States. An eligible organization may work individually or include proposed subawardees, contractors or other collaborators.

NIST will only consider one application per applicant; however, an applicant entity may participate as a subrecipient, contractor, or unfunded collaborator within applications submitted by other entities.

- **Cost Sharing Requirements:** Matching funds are not required for this FFO. However, NIST recognizes that applicants may want to provide additional resources to complete their proposed documentary project. Applicants must include any voluntary, committed cost share (cash or in-kind) in their budget and budget narrative. While cost share will not be separately considered as part of the technical evaluation, the Selecting Official, when making their recommendation for funding, will consider whether an applicant's overall budget (Federal and non-Federal) and available resources are likely to result in successfully completing the documentary project within the expected timeframe.
- **Public Website, Frequently Asked Questions (FAQs) and Webinars:** NIST has created a public website, http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>) that provides information pertaining to this Funding Opportunity. NIST anticipates that a "Frequently Asked Questions" section as well as other resource materials will be maintained and updated as needed to provide additional guidance and clarifying information that may arise related to this Funding Opportunity. Any amendments to this FFO will be announced through Grants.gov.

Applicants must submit all questions in writing to documentary.questions@nist.gov. Questions submitted to NIST may be posted on the NIST website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>) as part of a FAQ document. Alternatively, applicants may ask questions during one or more public events and informational webinars as described in the next paragraph.

NIST plans to hold one or more public events and informational webinars on the Project to Develop, Produce and Distribute a Documentary Film about Rebooting the

International Measurement System competition. The event(s) and webinar(s) schedule will be posted and maintained on the NIST website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>) The public event(s) and webinar(s) will provide information on the project, this FFO, general guidance on preparing applications, and offer opportunities for the public to ask questions about the project. Proprietary technical discussions about specific proposal ideas will not be permitted, and NIST will not critique or provide feedback on any proposal ideas brought forth during the event(s), webinar(s) or at any time before submission of an application to NIST (see the previous paragraph above). There is no cost to attend either the public event(s) or webinar(s), **but participants must register for each in advance**. Participation in either the public event(s) or the webinar(s) is not required for the submission of an application and attendance/participation will not be considered as part of the application review and selection process. The webinar(s) will be recorded and a link to the recordings will be available for public access on the NIST website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>) Additional information concerning the public event(s), webinar(s), and advance registration is available at the same website.

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FULL ANNOUNCEMENT TEXT

I. Program Description

The statutory authority for the Project to Develop, Produce and Distribute a Documentary Film about Rebooting the International Metric System is 15 U.S.C. §§ 205² and 272(b)(4).

² The Metric Act of 1975, Pub. L. 94-168 (Dec. 23, 1975), as amended, is codified at 15 U.S.C. § 205 *et. seq.* 15 U.S.C. § 205, as implemented by Executive Order 12770 (1992), authorized the Secretary of

- 1. Overview and Project Objectives.** NIST invites applications from eligible applicants for the development, production, and distribution of a 60 to 90 minute documentary film on the subject of the complete overhaul of the world's international system of measurement (also called the metric system) and the race among the world's best scientists to make this possible by redefining the kilogram based on natural phenomena. The working title of the project is "The Last Artifact".

Over the course of the twentieth century, some of the metric units of measurement have been redefined in terms of immutable natural constants, like the speed of light and the meter. But the kilogram, and the measurement units derived from it, are not currently among them. But they will be soon. After many years of work, an international committee is expected to launch the new system of measurement in November 2018 at an event held at the Palace of Versailles in France.

See Section I.2. of this FFO for additional background information.

It is expected that the recipient will develop, produce, and secure distribution for a documentary film on this subject, similar in production value and narrative creativity to the recent science documentary film "Particle Fever"³, that will:

- show the public the hidden drama and determination required by scientists all over the world as they sprint to complete a scientific *tour de force* decades in the making;
- illustrate and break down scientific concepts to make them understandable for the general audience, while maintaining the story line and narrative flow driven by the scientists doing this work; and
- have a contemporary look and feel in all aspects of the production including cinematography, editorial structure and pacing, 2D and 3D motion graphics, and music.

The stylistic tone of the documentary should be intriguing and emotionally engaging, weaving together on-camera interviews with key individuals, well-shot b-roll, contemporary motion graphics and animation, and a dynamic editorial style that effectively utilizes music.

The overriding objective of the documentary is to convey the subject in a compelling and original way to an audience of science-interested viewers. To show them how science and scientists, working at a fundamental level, are changing everyday life for the better and opening new opportunities for future innovation.

Commerce (Secretary) to take certain actions to "implement the Congressional designation of the metric system of measurement as the preferred system of weights and measures for United States trade and commerce. . . ." The Secretary has delegated this authority to the Director of NIST.

³ <http://particlefever.com/>

It is also expected that the recipient will secure broad distribution for the documentary film, including a release date (broadcast/cable and online) between December 2018 and March 2019.

NIST will provide access to NIST scientific staff and filming locations at NIST's campuses in Gaithersburg, Maryland and Boulder, Colorado, and will facilitate access to additional metrology laboratories around the world engaged in research required to redefine and update the international system of measurement. Applicants must include travel and related costs for filming as part of the budget for the project, and these costs should be reflected in the SF-424A form. (See Section IV.2.a.(2). of this FFO.) These costs must also be described in the budget narrative for the project, which is submitted as part of the Project Proposal. (See Section IV.2.a.(6). of this FFO.)

An international committee is expected to launch the new system of measurement in November 2018. NIST expects that the recipient film this event, so it can be included in the finished documentary. **The airdate and online release for the completed documentary must be between December 2018 and March 2019.**

- 2. Background Information.** Background story information on this subject and relevant topical areas in the context of this FFO is provided below:

The Last Artifact

In 2018, a metal cylinder in a Parisian vault will be replaced with a new way to measure mass based entirely on the laws of nature.

Why is this important?

The metal cylinder, known as the International Prototype Kilogram (aka "Big K") is *the* kilogram. It is the standard for measuring mass in almost every country on Earth. It is also, however, an antiquated artifact of a bygone era.

"Big K" is indeed the last "artifact," or physical prototype of measurement, of the International System of Units (the metric system). It represents not only the mass of the kilogram, but an idea that goes back thousands of years, when actual physical objects defined all measurement systems. Think 'hands,' 'stones,' 'feet,' and 'cubits.'

Over the course of the twentieth century, some of the metric units of measurement have been redefined in terms of natural constants, like the speed of light. The meter, for example, was redefined in 1983 as the distance light travels in a tiny fraction of a second. The second was redefined in 1967 as 9,192,631,770 oscillations of a cesium atom. Measurement standards defined by natural phenomena are exceptionally accurate, precise, and reproducible. But the kilogram, and the measurement units derived from it (such as force, which is measured in newtons), are not currently among them.

The race to redefine the kilogram is a tale of scientific ingenuity, international competition, and a hard-headed refusal to give up. There's a reason the kilogram has never been redefined and why "Big K" still has a job: devising something better has been extremely difficult. The story stretches over many years, several countries, and several competing approaches and laboratories. The players are passionate scientists in the United States, Germany, Britain, and other countries who have devoted their life's work to this endeavor. And is it nearly finished.

The new definition starts with an agreed value for a quantum-mechanical quantity called Planck's constant (represented by a lowercase h) and includes precise measurements of electrical and mechanical properties that together produce an equivalent to the mass of Big K. To establish that the new definition is an appropriate and worthy replacement, at least three independent experiments must produce a mass measurement that is accurate to 50 parts per billion, at least one of them must be accurate to within 20 parts per billion, AND it must be confirmed with a completely independent method. The confirmation method requires literally counting the number of silicon atoms in an ultra-pure sphere with exactly the same mass as Big K.

The concept of accurate, reproducible measurement standards sounds simple, almost mundane. But the scientific work necessary to achieve the standards represents pioneering work at the forefront of both theoretical and experimental research.

The 'watt balance' approach pioneered by the British, improved in the U.S. by NIST, and shortly to be duplicated by the Canadians, is an engineering marvel. It is far more than just a better scale; the watt balance precisely measures weight based on electric current and voltage. At NIST, the instrument is housed in an environmentally shielded laboratory deep underground. Amazingly, it provides an accurate, measurable link between how much you weigh on your bathroom scale and the weird world of quantum physics.

The improvements to measurement science made possible by the redefinition of the kilogram will allow unprecedented traceability, meaning that measurements of the impossibly large to the vanishingly small will be linked through fundamental constants of nature.

If past experience is any judge, the implications for the future will be compelling. The last big revision in the definition of just one measurement unit, time, enabled the development of *GPS*, *the internet*, and *interstellar navigation*. This event will redefine not only how to measure a kilogram, but also four other measurement units, those used for measuring temperature, electricity, brightness and chemical amounts. Scientific visionaries have some ideas on what this could mean for the future, but it is impossible to know the full scope of new technologies that the retirement of "Big K" will enable.

If all goes right, a small cadre of measurement scientists will reach their goals and decades of work will culminate in a November 2018 meeting at the Palace of Versailles in France. Attended by scientists from around the world, the representatives from the world's national metrology institutes (including NIST) will come together and vote to officially implement the new definition of the kilogram and the units derived from it. The entire world will then adopt these new standards.

In today's contentious times, this will be a rare and historic moment. The whole world will agree at one time and in one place to modernize the measurement system upon which all of modern life depends. It will also be a glorious moment for a typically unsung band of scientists, and the world will be the better for it in ways we have yet to imagine.

- 3. Ownership and Usage.** Section D.03 of the DoC Financial Assistance Standard Terms and Conditions, dated December 26, 2014 (<http://go.usa.gov/hKbj>), will govern any award made under this FFO. Under these Terms and Conditions, which include the applicability of 2 C.F.R. § 200.315, subject to NIST's use rights, the recipient will own the intellectual property rights to the finished documentary film and can monetize the film through distribution, licensing, and/or the sale of advertising time, etc. Applicants must be aware that, pursuant to 2 CFR § 200.307, any revenue generated during the period of performance of the award must be treated as program income and used for the purposes of the award. Once the award terminates, the recipient will be permitted to retain all earned revenue for its own purposes with no further obligation to the Federal government.

Pursuant to 2 C.F.R. § 200.315, recipient will grant NIST a government use license which will include the right to reproduce, prepare derivative works, distribute copies, and perform and display publicly the finished documentary or portions thereof for education, outreach, or other purposes.

If requested, the recipient will grant NIST permission to repurpose any visual or audio elements captured as part of this project by the recipient or its subsidiaries, to allow NIST to create additional educational products or other derivative works. If requested, the recipient will provide NIST with a duplicate of all original, un-cut video and audio, to include interviews and b-roll, as well as a broadcast-quality master and all audio stems and splits of the completed documentary.

- 4. Attribution.** Using the appropriate credit language provided by NIST, Recipient will credit NIST as the funding sponsor and will include the NIST logo and the names of NIST staff involved in the project on the completed documentary, including on all distributed or displayed copies. Recipient will ensure that NIST is credited as the funding sponsor of the original work on any derivative works, created from any video or audio elements captured as part of this project. The NIST logo shall not appear on any derivative work.

II. Federal Award Information

- 1. Funding Instrument.** The funding instrument that will be used is a grant or a cooperative agreement. If a cooperative agreement is used, the nature of NIST's "substantial involvement" is described in Chapter 5.C of the Department of Commerce (DoC) Grants and Cooperative Agreements Manual, which is available at <http://go.usa.gov/SNJd>. Please note the Department of Commerce Grants and Cooperative Agreements Manual is expected to be updated after publication of this funding announcement and before awards are made under this FFO. Refer to Section VII. of this FFO, Federal Awarding Agency Contacts, Grant Rules and Regulations, if you seek the information at this link and it is no longer working or you need more information.

In the case that the award is a cooperative agreement, NIST will provide feedback that may include, but is not limited to, the following areas: scientific and technical accuracy, production quality, narrative or editorial structure, aesthetic qualities related to music, motion graphics or other visual or aural elements. This feedback will be delivered at the following project milestones:

- Review of pre-production and development materials, including scientific review panel members, story treatment, structural outline, and overall project schedules, to include original photography, post-production and distribution scheduling.
 - Regular screenings of interview assembly edits and b-roll every 3-4 months, as footage is recorded and assembled.
 - Regular screenings of scene and act assembly edits, as they are created.
 - Screenings of all motion graphics and 3D animations, including animatics or storyboards, draft renders, and final rendered versions.
 - Review of the promotions and marketing plan for the documentary.
 - Screening of the rough cut of the entire documentary, including (at minimum) animatics or draft renders of all 2D and 3D motion graphics, all interviews and b-roll, and music.
 - Screening of the final edit of the finished documentary, including all final 2D and 3D renders, titles, credits, color grading, and final mixed audio and music.
- 2. Funding Availability.** NIST anticipates funding one award of up to \$500,000 for a period of performance of up to 24 months.

III. Eligibility Information

- 1. Who Is Eligible.** Eligibility for the program listed in this FFO is unrestricted; that is, open to all non-Federal entities. Eligible applicants include accredited institutions of higher education; non-profit organizations incorporated in the United States; for-

profit organizations incorporated in the United States; and state, local, territorial and Indian tribal governments within the United States. An eligible organization may work individually or include proposed subawardees, contractors, or other collaborators.

NIST will only consider one application per applicant; however, an applicant entity may participate as a subrecipient, contractor, or unfunded collaborator within applications submitted by other entities.

IV. Application and Submission Information

1. Address to Request Application Package. The application package is available at www.grants.gov under Funding Opportunity Number 2016-NIST-KG-01.

2. Content and Format of Application Submission

a. Required Forms and Document

The Application must contain the following:

(1) SF-424, Application for Federal Assistance. The SF-424 must be signed by an authorized representative of the applicant organization.

- SF-424, Item 12, should list the FFO number 2016-NIST-KG-01.
- SF-424, Item 18, should list the total Federal budget amount requested for the entire project.
- For SF-424, Item 21, the list of certifications and assurances is contained in the SF-424B.

(2) SF-424A, Budget Information - Non-Construction Programs. The budget should reflect anticipated expenses for the project, considering all potential cost increases, including cost of living adjustments.

The Grant Program Function or Activity on Line 1 under Column (a) should be entered as "Science, Technology, Business, and/or Education Outreach". The Catalog of Federal Domestic Assistance Number on Line 1 under Column (b) should be entered as "11.620".

These sections of the SF-424A should reflect funds for the whole term of the award: Section A; Section B; Section C; and Section D.

(3) SF-424B, Assurances - Non-Construction Programs

(4) CD-511, Certification Regarding Lobbying. Enter “2016-NIST-KG-01” in the Award Number field. Enter the title of the application used in field 15 of the SF-424, or an abbreviation of that title, in the Project Name field.

(5) SF-LLL, Disclosure of Lobbying Activities (if applicable)

(6) Project Proposal. The Project Proposal is a document of no more than 25 pages responsive to the program description (see Section I. of this FFO) and the evaluation criteria (see Section V.1. of this FFO).

The Project Proposal should include the following:

1. **Plans to Meet the Project Objectives.** This is a project overview and a detailed treatment, including the creative approach the applicant will take and how that will be achieved to meet the project objectives. This section should reference other works (documentaries or otherwise) that include techniques, styles or structure that the applicant plans to employ.

This section will be evaluated in accordance with the *Plans to meet the Project Objectives* evaluation criteria (see Section V.1.a. of this FFO).

2. **Management of the Project.** A description of the applicant’s plan to manage the project tasks, timeline, budget, and work of all project participants, including subawardees, contractors, or other collaborators, to ensure realization of project goals and objectives. This section should include the following:

- i. A description of the proposed roles and level of planned effort of all key personnel (defined in Section IV.2.a.(6).3.i. below).
- ii. The applicant’s plan to form and coordinate a scientific review panel, including periodic screenings of footage, including rough cuts, to ensure scientific accuracy.
- iii. A ‘script to screen’ timeline of the project’s major phases, to include development and research, production, post-production, marketing and promotions, and distribution.
- iv. A description of the applicant’s plan to raise additional funds toward the successful completion of the documentary including examples of previous successful fundraising efforts for documentary films.

This section will be evaluated in accordance with *the Management of the Project* evaluation criteria (see Section V.1.b. of this FFO).

3. **Qualifications and Experience of Key Personnel and Project Staff.** The qualifications and experience of the key personnel, staff, and participating subawardees, contractors, or other collaborators who will participate in the proposed project, if applicable, must be described in

detail. In addition, the following key personnel and staffs' experience should be described:

- i. The showrunner/director's demonstrated experience as a showrunner or director on at least one nationally-distributed (broadcast, cable, or major online, e.g. Netflix or Amazon) documentary dealing with science or technology.

The key personnel and project staffs' previous productions, as specified in the credit lists of the staffs' biographies per the next paragraph.

Specifically, biographies WITH credit lists, including online video links to previous productions, for key personnel and project staff are required and are not included in the page count of the Project Proposal. Each biography, including the credit list, should be a maximum of three (3) pages. Information on any pages beyond the first three (3) pages of each biography, including the credit list, will not be considered.

Key personnel include, at a minimum, the showrunner/director, writer, producer, and director of photography. If credit lists are not available for each key personnel position, rationale text is required to explain why key personnel do not have existing credit lists.

Biographies and credit lists for all other project staff, if known, must be included, for example: video editor, music composer, music supervisor, motion graphics designer, post-production supervisor, audio mixer, or sound designer. If other project staff are not known, text must be provided on the applicant's plans to obtain such expertise. If the personnel do not have such expertise, rationale must be provided as to why such expertise, or additional project staff, would not be needed for the successful completion of the project.

- ii. The applicant's demonstrated experience in negotiating and securing distribution of documentaries for both traditional broadcast/cable and online media, to include outlets such as Netflix and Amazon, as well as international distribution.

This section will be evaluated in accordance with the *Qualifications and Experience of Key Personnel and Project Staff* evaluation criteria and subcriteria (see Section V.1.c. of this FFO).

4. **Resources Availability.** A description of the applicant's access to the necessary equipment, software, facilities, and overall support and resources to accomplish the proposed objectives, including resources provided by subawardees, contractors, or other collaborators, if applicable.

This section will be evaluated in accordance with the *Resources Availability* evaluation criteria and subcriteria (see Section V.1.d. of this FFO).

- (7) **Budget Narrative.** (This does not count toward the page limit). The Budget Narrative must provide a breakdown of each of the object class categories as reflected on the SF-424A and describe how funds will be spent on key personnel, services such as equipment rental or 3D animation, and how much will be allocated for major phases in the documentary film project, including development and pre-production, production, post-production, promotions and marketing, and distribution.

If an applicant is including voluntary, committed cost share as part of their application, the budget narrative must specify the amount and form of the cost share (e.g., cash or in-kind) in the appropriate object class categories. The applicant should provide sufficient detail for reviewers to understand the nature and source of the additional resources (cost share) and how those additional resources are necessary for successful completion of the project.

In addition, applicants should include costs for travel to locations for interviews with scientists and filming b-roll. Best estimates should be provided based on prior experience. If a destination is not known, an approximate amount may be used with the assumptions given for anticipated locations for interviews and filming as described in Section I.1. of this FFO. The budget narrative should be no more than two (2) pages.

This section will be evaluated in accordance with the *Budget Narrative* evaluation criteria (see Section V.1.e. of this FFO).

- (8) **Letter of Intent to Distribute, Letters of Commitment and Interest.** (These do not count toward the page limit)
 - i. Applicants must include a letter of intent to distribute from national broadcast, cable, and/or online media distributors; if an applicant is not able to include such a letter, the applicant must include a written plan describing how it will secure distribution from national broadcast, cable, and/or online media distributors.

- ii. Optional letters of commitment that commit specific resources or funding to the proposed project in the event that the application is funded may also be submitted.
 - a) If the applicant's budget includes subawards or contracts to known third parties, a Letter of Commitment from an authorized representative of each known proposed subrecipient and contractor organization should be included. Each letter should indicate the submitting organization's willingness to participate as a contractor or subrecipient (as applicable), describe what work they will do in relation to the Project Proposal, and specify the associated cost of the proposed subaward or contract to the applicant.
 - b) If key personnel who are willing to fill vacancies on the applicant's or a subrecipient's staff are identified by the applicant, a Letter of Commitment from each identified person should be included. The letter from each such individual, or group of individuals, should indicate the relationship of the writer to the applicant and how the writer will help fulfill the efforts described in the Funding Opportunity Description (see Section I. of this FFO).
- iii. Optional letters of interest that indicate willingness from any third party to support this proposed effort. Letters of Interest should outline the nature and importance of the collaboration or involvement being offered.

This section will be evaluated in accordance with the *Intent to Distribute Letter* evaluation criteria (see Section V.1.f. of this FFO).

- (9) Indirect Cost Rate Agreement.** If indirect costs are included in the proposed budget, provide a copy of the approved negotiated agreement if this rate was negotiated with a cognizant Federal audit agency. If the rate was not established by a cognizant Federal audit agency, provide a statement to this effect. If the successful applicant includes indirect costs in the budget and has not established an indirect cost rate with a cognizant Federal audit agency, the applicant will be required to obtain such a rate in accordance with the Department of Commerce Financial Assistance Standard Terms and Conditions (<http://go.usa.gov/hKbj>).

Alternatively, in accordance with 2 C.F.R. § 200.414(f), applicants that have never received a negotiated indirect cost rate may elect to charge indirect costs to an award pursuant to a de minimis rate of 10 percent of modified total direct costs (MTDC), in which case a negotiated indirect cost rate agreement is not required. Applicants proposing a 10 percent de minimis rate pursuant to 2

C.F.R. § 200.414(f) should note this election as part of the budget and budget narrative portion of the application.

b. Attachment of Required Documents

Items IV.2.a.(1) through IV.2.a.(5) above are part of the standard application package in Grants.gov and can be completed through the download application process.

Items IV.2.a.(6) through IV.2.a.(9) must be completed and attached by clicking on “Add Attachments” found in item 15 of the SF-424, Application for Federal Assistance. This will create a zip file that allows for transmittal of the documents electronically via Grants.gov.

Applicants should carefully follow specific Grants.gov instructions at www.grants.gov to ensure the attachments will be accepted by the Grants.gov system. ***A receipt from Grants.gov indicates only that an application was transferred to a system. It does not provide details concerning whether all attachments (or how many attachments) transferred successfully.*** Applicants using Grants.gov will receive a series of e-mail messages over a period of up to two business days before learning whether a Federal agency’s electronic system has received its application.

Applicants are strongly advised to use Grants.gov’s Download Submitted Applications option to check that their application’s required attachments were contained in their submission.

After submitting the application, follow the directions found in the Grants.gov Online Users Guide (<http://go.usa.gov/cjaEh>). Click first on Applicants; then click on Applicant Actions; go then to the “Check My Application Status” option, and choose Download Submitted Applications.

If any, or all, of the required attachments are absent from the submission, follow the attachment directions found above, resubmit the application, and check again for the presence of the required attachments.

The Grants.gov Online Users Guide available at the Grants.gov site (<http://go.usa.gov/cjaEh>) provides vital information on checking the status of applications. See especially the “Check My Application Status” option, found by clicking first on Applicants, and then by clicking on Applicant Actions.

Applicants can track their submission in the Grants.gov system by following the procedures at the Grants.gov site (<http://go.usa.gov/ciamz>). It can take up to two business days for an application to fully move through the Grants.gov system to NIST.

NIST uses the Tracking Numbers assigned by Grants.gov, and does not issue Agency Tracking Numbers.

c. Application Format

- (1) Paper, E-mail and Facsimile (fax) Submissions.** Will not be accepted.
- (2) Figures, Graphs, Images, and Pictures.** Should be of a size that is easily readable or viewable and may be landscape orientation.
- (3) Font.** Easy to read font (10-point minimum). Smaller type may be used in figures and tables but must be clearly legible.
- (4) Page Limit.** Twenty-five (25) pages for the Project Proposal.

Project Proposal Page Limit Includes: Project Proposal (including any figures, graphs, tables, images, and pictures), and all other pages of an application, with the exception of the page limit exclusions listed below.

Project Proposal Page Limit Excludes: SF-424, Application for Federal Assistance; SF-424A, Budget Information – Non-Construction Programs; SF-424B, Assurances – Non-Construction Programs; CD-511, Certification Regarding Lobbying; SF-LLL, Disclosure of Lobbying Activities; Biographies and Credit Lists (although Biographies and Credit Lists are limited to three (3) pages each); Budget Narrative (although the Budget Narrative should not be more than two (2) pages by itself); Letter of Intent to Distribute; Letters of Commitment; Letters of Interest; and Indirect Cost Rate Agreement.

- (5) Page size.** 21.6 centimeters by 27.9 centimeters (8 ½ inches by 11 inches).
 - (6) Application language.** English.
- d. Application Replacement Pages.** Applicants may not submit replacement pages and/or missing documents once an application has been submitted. Any revisions must be made by submission of a new application that must be received by NIST by the submission deadline.
- e. Pre-Applications.** There are no pre-applications with this FFO.
- f. Certifications Regarding Federal Felony and Federal Criminal Tax Convictions, Unpaid Federal Tax Assessments and Delinquent Federal Tax Returns.** In accordance with Federal appropriations law, an authorized representative of the selected applicant(s) may be required to provide certain pre-award certifications regarding federal felony and federal criminal tax convictions, unpaid federal tax assessments, and delinquent federal tax returns.

- 3. Unique Entity Identifier and System for Award Management (SAM).** Pursuant to 2 C.F.R. part 25, applicants and recipients (as the case may be) are required to: (i) be registered in SAM before submitting its application; (ii) provide a valid unique entity identifier in its application; and (iii) continue to maintain an active SAM registration with current information at all times during which it has an active Federal award or an application or plan under consideration by a Federal awarding agency, unless otherwise excepted from these requirements pursuant to 2 C.F.R. § 25.110. NIST will not make a Federal award to an applicant until the applicant has complied with all applicable unique entity identifier and SAM requirements and, if an applicant has not fully complied with the requirements by the time that NIST is ready to make a Federal award pursuant to this FFO, NIST may determine that the applicant is not qualified to receive a Federal award and use that determination as a basis for making a Federal award to another applicant.

- 4. Submission Dates and Times.** Applications must be received at Grants.gov no later than 11:59 p.m. Eastern Time, Monday, September 26, 2016. Applications received after this deadline will not be reviewed or considered. Applicants should be aware, and factor in their application submission planning, that the Grants.gov system is expected to be closed for routine maintenance at these times: from 12:01 a.m. Eastern Time, Saturday, July 16, 2016 until Monday, July 18, 2016 at 6:00 a.m. Eastern Time; and from 12:01 a.m. Eastern Time, Saturday, August 20, 2016 until Monday, August 22, 2016 at 6:00 a.m. Eastern Time. Applications cannot be submitted when Grants.gov is closed. NIST expects to complete its review, selection of successful applicants, and award processing by November 2016. NIST expects the earliest anticipated start date for awards under this FFO to be December 2016.

When developing your submission timeline, please keep in mind that (1) all applicants are required to have a current registration in the System for Award Management (SAM.gov); (2) the free annual registration process in the electronic System for Award Management (SAM.gov) (see Sections IV.3. and IV.7.a.(1).(b). of this FFO) often takes between three and five business days and may take as long as two weeks; (3) applicants are required to have a current registration in Grants.gov; and (4) applicants using Grants.gov will receive email notifications over a period of up to two business days as the application moves through intermediate systems before the applicant learns via a validation or rejection notification whether NIST has received the application. (See <http://www.grants.gov> for full information on application and notification through Grants.gov.). Please note that a federal assistance award cannot be issued if the designated recipient's registration in the System for Award Management (SAM.gov) is not current at the time of the award.

- 5. Intergovernmental Review.** Applications under this Program are not subject to Executive Order 12372.

- 6. Funding Restrictions.** Profit or fee is not an allowable cost.

7. Other Submission Requirements

a. Applications must be submitted electronically.

(1) Applications must be submitted via Grants.gov at www.grants.gov.

(a) Applicants should carefully follow specific Grants.gov instructions to ensure that all attachments will be accepted by the Grants.gov system. A receipt from Grants.gov indicating an application is received does not provide information about whether attachments have been received. For further information or questions regarding applying electronically for the 2016-NIST-KG-01 announcement, contact Christopher Hunton by phone at 301-975-5718 or by e-mail at grants@nist.gov.

(b) Applicants are strongly encouraged to start early and not wait until the approaching due date before logging on and reviewing the instructions for submitting an application through Grants.gov. The Grants.gov registration process must be completed before a new registrant can apply electronically. If all goes well, the registration process takes three to five business days. If problems are encountered, the registration process can take up to two weeks or more. Applicants must have a valid unique entity identifier number and must maintain a current registration in the Federal government's primary registrant database, the System for Award Management (<https://www.sam.gov/>), as explained on the Grants.gov Web site. See also Section IV.3. of this FFO. After registering, it may take several days or longer from the initial log-on before a new Grants.gov system user can submit an application. Only individuals authorized as organization representatives will be able to submit the application, and the system may need time to process a submitted application. Applicants should save and print the proof of submission they receive from Grants.gov. If problems occur while using Grants.gov, the applicant is advised to (a) print any error message received and (b) call Grants.gov directly for immediate assistance. If calling from within the United States or from a U.S. territory, please call 800-518-4726. If calling from a place other than the United States or a U.S. territory, please call 606-545-5035. Assistance from the Grants.gov Help Desk will be available around the clock every day, with the exception of Federal holidays. Help Desk service will resume at 7:00 a.m. Eastern Time the day after Federal holidays. For assistance using Grants.gov, you may also contact support@grants.gov.

(c) To find instructions on submitting an application on Grants.gov, Applicants should refer to the "Applicants" tab in the banner just below the top of the www.grants.gov home page. Clicking on the "Applicants" tab produces two exceptionally useful sources of information, Applicant Actions and Applicant Resources, which applicants are advised to review.

Applicants will receive a series of e-mail messages over a period of up to two business days before learning whether a Federal agency's electronic system has received their application. Closely following the detailed information in these subcategories will increase the likelihood of acceptance of the application by the Federal agency's electronic system.

Applicants should pay close attention to the guidance under "Applicant FAQs," as it contains information important to successful submission on Grants.gov, including essential details on the naming conventions for attachments to Grants.gov applications.

All applicants should be aware that adequate time must be factored into applicants' schedules for delivery of their application. Applicants are advised that volume on Grants.gov may be extremely heavy leading up to the deadline date.

The application must be both received and validated by Grants.gov. The application is "received" when Grants.gov provides the applicant a confirmation of receipt and an application tracking number. If an applicant does not see this confirmation and tracking number, the application has not been received. After the application has been received, it must still be validated. During this process, it may be "validated" or "rejected with errors." To know whether the application was rejected with errors and the reasons why, the applicant must log in to Grants.gov, select "Applicants" from the top navigation, and select "Track my application" from the drop-down list. If the status is "rejected with errors," the applicant may still seek to correct the errors and resubmit your application before the deadline. If the applicant does not correct the errors, the application will not be forwarded to NIST by Grants.gov.

Refer to important information in Section IV.4. Submission Dates and Times, to help ensure your application is received on time.

- b. Amendments.** Any amendments to this FFO will be announced through Grants.gov. Applicants may sign up on Grants.gov to receive amendments by e-mail or may request copies from Jason Stoughton by telephone at (301) 975-5935 or by e-mail to documentary.questions@nist.gov.

V. Application Review Information

- 1. Evaluation Criteria.** The criteria that will be used in evaluating applications and associated point values are as follows:
 - a. Plans to Meet the Project Objectives. (0-15 points)** Reviewers will evaluate how well the applicant's proposed plans and activities, as described in the project proposal, align to the objectives set forth in Section I. of this FFO. Specifically, the appropriateness, originality, and completeness of the applicant's creative

approach to meet the objectives set forth in Section I. of this FFO will be evaluated.

- b. Management of the Project. (0-15 points)** Reviewers will evaluate the appropriateness, quality, and completeness of the applicant's plan to manage the project tasks, timeline, budget, scientific review panel, and work of all project participants, including subawardees, contractors, or other collaborators, to ensure realization of project goals and objectives. In addition, the appropriateness and reasonableness of the proposed roles and level of planned effort of all project participants will be evaluated.
- c. Qualifications and Experience of Key Personnel and Project Staff. (0-40 points)** Reviewers will evaluate the appropriateness, quality, and degree of the qualifications and experience of the key personnel, staff, and participating subawardees, contractors, or other collaborators who will participate in the proposed project, if known. Specifically, the appropriateness, quality, and degree of the following subcriteria will be weighted as follows:

- i. **(0-30 points)** The showrunner's/director's demonstrated experience as a showrunner or director on at least one nationally-distributed (broadcast, cable or major online, e.g. Netflix or Amazon) documentary dealing with science or technology.

The key personnel and project staffs' previous experience as specified in the key personnel and project staffs' biographies, as well as the key personnel and project staffs' previous productions, as specified in the credit lists of the staffs' biographies (see Section IV.2.a.(6).3.i. of this FFO). The previous productions will be evaluated with respect to technical quality and creativity in the form of cinematography, editorial structure, use of music, storytelling devices, 2D and 3D motion graphics, and directorial vision.

If credit lists are not available for each key personnel or known staff position, the rationale text explaining why key personnel or known staff do not have existing credit lists will be reviewed for appropriateness and reasonableness.

If project staff are not known, the rationale text explaining the applicant's plans to obtain project staff to support the key personnel, or the rationale as to why additional project staff are not needed for successful completion of the project, will be evaluated for appropriateness and reasonableness.

- ii. **(0-10 points)** The applicant's demonstrated experience in negotiating and securing distribution of documentaries for both traditional and

online media, to include outlets such as Netflix and Amazon, as well as international distribution.

- d. Resources Availability. (0-10 points)** Reviewers will evaluate the extent to which the applicant has access to the necessary equipment, software, facilities, and overall support to accomplish project objectives.
- e. Budget Narrative. (0-10 points)** Reviewers will evaluate the reasonableness and cost-effectiveness of the project budget to successfully meet the project objectives.
- f. Letter of Intent to Distribute, Letters of Commitment and Interest. (0-10 points)** Reviewers will evaluate the substance of letters of intent to distribute the documentary from a national broadcast, cable, and/or online media distributor and the quality and reasonableness of the distributor's plan. If there is no intent to distribute letter, the applicant's plan to secure distribution with a national broadcast, cable and/or online media distributor will be evaluated for quality and likelihood of achieving success. Reviewers will also evaluate the substance, quality, and reasonableness of any letters of commitment and letters of intent in terms of how they contribute to the overall project objectives, to the extent any such letters are included in the application.

2. Selection Factors. The Selecting Official, who is the Director of the NIST Public Affairs Office, shall generally select and recommend applications for award based upon the rank order of the applications. The Selecting Official may select and recommend an application for award out of rank order based on one or more of the following selection factors:

- a.** The results of the reviewers' evaluations.
- b.** The objectives as set forth in the Funding Opportunity Description (see Section I. of this FFO).
- c.** Whether the project duplicates other projects funded by NIST, DoC, or by other Federal agencies.
- d.** Whether the overall project budget (including Federal funds and any voluntary committed cost share) and available resources are sufficient to complete the project within the specified timeframe.
- e.** The availability of Federal funds.

3. Review and Selection Process

Proposals, reports, documents and other information related to applications submitted to NIST and/or relating to financial assistance awards issued by NIST will be reviewed and considered by Federal employees, Federal agents and contractors, and/or by non-Federal personnel who have entered into nondisclosure agreements covering such information, when applicable.

- a. Initial Administrative Review.** An initial review of timely received applications will be conducted to determine eligibility, completeness, and responsiveness to this FFO. Applications determined to be ineligible, incomplete, and/or non-responsive may be eliminated from further review.

NIST, in its sole discretion, may continue the review process for an application that is missing non-substantive information which may be easily rectified or cured at a later point in the evaluation process.

- b. Review of Eligible, Complete, and Responsive Applications.** Applications determined to be eligible, complete, and responsive will proceed for full reviews in accordance with the review and selection process below:

(1) Evaluation and Review. At least three independent, objective reviewers, who are Federal employees, knowledgeable in the subject matter of this FFO and its objectives, will evaluate each application based on the evaluation criteria (see Section V.1. of this FFO). While every application will have at least three reviews, applications may have differing numbers of reviews if specialized expertise is needed to evaluate the application. The applications will be ranked by average review score. If deemed necessary to clarify information in an application, an applicant may be asked written questions and/or may be invited to participate in a web conference with technical reviewers.

(2) Ranking and Selection. The Selecting Official will be provided all eligible, complete, and responsive applications, all technical reviewer score sheets, and any other information solicited from applicants in the technical review process, either in writing or through a web conference. The Selecting Official will determine, through application of the ranked list and selection factors, which application will be selected for recommendation for award to the Grants Officer.

NIST reserves the right to negotiate budget costs with the selected applicants. Negotiations may include requesting that the applicant remove certain costs. Additionally, NIST may request that the applicant modify objectives or work plans and provide supplemental information required by the agency prior to award. NIST also reserves the right to reject an application where information is uncovered that raises a reasonable doubt as to the responsibility of the applicant. NIST may select some, all, or none of the applications, or part(s) of any particular application. NIST may request that fundable applicants consider working together in a combined project if this approach might effectively advance the program mission. The final approval of selected applications and issuance of awards will be by the NIST Grants Officer. The award decisions of the Grants Officer are final.

- c. Federal Awarding Agency Review of Risk Posed by Applicants.** After applications are proposed for funding by the Selecting Official, the NIST Grants Management Division (GMD) performs pre-award risk assessments in accordance

with 2 C.F.R. § 200.205, which may include a review of the financial stability of an applicant, the quality of the applicant's management systems, the history of performance, and/or the applicant's ability to effectively implement statutory, regulatory, or other requirements imposed on non-Federal entities.

In addition, prior to making an award where the total Federal share is expected to exceed the simplified acquisition threshold (currently \$150,000), NIST GMD will review and consider the publicly available information about that applicant in the Federal Awardee Performance and Integrity Information System (FAPIIS). An applicant may, at its option, review and comment on information about itself previously entered into FAPIIS by a Federal awarding agency. As part of its review of risk posed by applicants, NIST GMD will consider any comments made by the applicant in FAPIIS in making its determination about the applicant's integrity, business ethics, and record of performance under Federal awards. Upon completion of the pre-award risk assessment, the Grants Officer will make a responsibility determination concerning whether the applicant is qualified to receive the subject award and, if so, whether appropriate special conditions that correspond to the degree of risk posed by the applicant should be applied to an award.

4. Anticipated Announcement and Award Date. NIST expects to complete its review, selection of successful applicants, and award processing by November 2016. NIST expects the earliest anticipated start date for awards under this FFO to be December 2016.

5. Additional Information

a. Notification to Unsuccessful Applicants. Unsuccessful applicants will be notified by email.

b. Retention of Unsuccessful Applications. An electronic copy of each non-selected application will be retained for three years for record keeping purposes. After three years, it will be destroyed.

c. Protection of Proprietary Information. When an application includes trade secrets or information that is commercial or financial, or information that is confidential or privileged, it is furnished to the Government in confidence with the understanding that the information shall be used or disclosed only for evaluation of the application. Such information will be withheld from public disclosure to the extent permitted by law, including the Freedom of Information Act. Appropriate labeling in the application, by the applicant, aids NIST in the identification of what information may be specifically exempt from disclosure. Without assuming any liability for inadvertent disclosure, NIST will seek to limit disclosure of such information to its employees and to outside reviewers when necessary for merit review of the application or as otherwise authorized by law. This restriction does not limit the Government's right to use the information if it is obtained from another source.

VI. Federal Award Administration Information

1. **Federal Award Notices.** Successful applicants will receive an award package from the NIST Grants Officer. The award cover page, i.e., CD-450, Financial Assistance Award is available at <http://go.usa.gov/SNMR>.
2. **Administrative and National Policy Requirements**
 - a. **Uniform Administrative Requirements, Cost Principles and Audit Requirements.** Through 2 C.F.R. § 1327.101, the Department of Commerce adopted Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards at 2 C.F.R. Part 200, which apply to awards in this program. Refer to <http://go.usa.gov/SBYh> and <http://go.usa.gov/SBg4>.
 - b. **Department of Commerce Financial Assistance Standard Terms and Conditions.** The Department of Commerce will apply the Financial Assistance Standard Terms and Conditions dated December 26, 2014, accessible at <http://go.usa.gov/hKbj>, to this award. Refer to Section VII. of this FFO, Federal Awarding Agency Contacts, Grant Rules and Regulations, if you seek the information at this link and it is no longer working or you need more information.
 - c. **Pre-Award Notification Requirements.** The Department of Commerce will apply the Pre-Award Notification Requirements for Grants and Cooperative Agreements dated December 30, 2014 (79 FR 78390), accessible at <http://go.usa.gov/hKkR>. Refer to Section VII. of this FFO, Federal Awarding Agency Contacts, Grant Rules and Regulations, if you seek the information at this link and it is no longer working or you need more information.
 - d. **Collaborations with NIST Employees.** All applications should include a description of any work proposed to be performed by an entity other than the applicant, and the cost of such work should ordinarily be included in the budget.

If an applicant proposes collaboration with NIST, the statement of work should include a statement of this intention, a description of the collaboration, and prominently identify the NIST employee(s) involved, if known. Any collaboration by a NIST employee must be approved by appropriate NIST management and is at the sole discretion of NIST. Prior to beginning the merit review process, NIST will verify the approval of the proposed collaboration. Any unapproved collaboration will be stricken from the application prior to the merit review.

Please note it is anticipated there will be broad, overarching participation by NIST employees in this project, for example for interviews or for facilitating access to laboratories, artifacts, documents, or film locations. However, these interactions are expected to be developed and established by NIST in collaboration with the recipient

at the onset of the project. The details of individual NIST employee interactions do not need to be described in the Project Proposal.

- e. **Use of NIST Intellectual Property.** If the applicant anticipates using any NIST-owned intellectual property to carry out the work proposed, the applicant should identify such intellectual property. This information will be used to ensure that no NIST employee involved in the development of the intellectual property will participate in the review process for that competition. In addition, if the applicant intends to use NIST-owned intellectual property, the applicant must comply with all statutes and regulations governing the licensing of Federal government patents and inventions, described in 35 U.S.C. §§ 200-212, 37 C.F.R. Part 401, 2 C.F.R. §200.315, and in Section D.03 of the DoC Financial Assistance Terms and Conditions dated December 26, 2014, found at <http://go.usa.gov/hKbj>.

Any use of NIST-owned intellectual property by an applicant is at the sole discretion of NIST and will be negotiated on a case-by-case basis if a project is deemed meritorious. The applicant should indicate within the statement of work whether it already has a license to use such intellectual property or whether it intends to seek one.

3. Reporting

- a. **Reporting Requirements.** The following reporting requirements described in Sections A.01 Performance (Technical) Reports and B.02 Financial Reports of the DoC Financial Assistance Standard Terms and Conditions dated December 26, 2014, <http://go.usa.gov/hKbj>, apply to awards in this program:

(1) Financial Reports. Each award recipient will be required to submit an SF-425, Federal Financial Report on a quarterly basis for the periods ending March 31, June 30, September 30, and December 31 of each year. Reports will be due within 30 days after the end of the reporting period to the NIST Grants Officer and Grants Specialist named in the award documents. A final financial report is due within 90 days after the end of the project period.

(2) Performance (Technical) Reports. Each award recipient will be required to submit a technical progress report to the NIST Grants Officer and the Federal Program Officer on a quarterly basis for the periods ending March 31, June 30, September 30, and December 31 of each year. Reports will be due within 30 days after the end of the reporting period. A final technical progress report shall be submitted within 90 days after the expiration date of the award. Technical progress reports shall contain information as prescribed in 2 C.F.R. § 200.328 and include key metrics indicating project status such as number of days of original photography, locations filmed at, specific interview subjects who have been filmed, marketing and promotions activities, and distribution deals secured.

(3) Patent and Property Reports. From time to time, and in accordance with the Uniform Administrative Requirements (see Section VI.2. of this FFO) and other terms and conditions governing the award, the recipient may need to submit property and patent reports.

(4) Recipient Integrity and Performance Matters. In accordance with section 872 of Public Law 110-417 (as amended; see 41 U.S.C. 2313), if the total value of a recipient's currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of an award made under this FFO, then the recipient shall be subject to the requirements specified in Appendix XII to 2 C.F.R. Part 200, <http://go.usa.gov/cTBwC>, for maintaining the currency of information reported to SAM that is made available in FAPIIS about certain civil, criminal, or administrative proceedings involving the recipient.

b. Audit Requirements. 2 C.F.R. Subpart F, adopted by the Department of Commerce through 2 C.F.R. § 1327.101 requires any non-Federal entity (*i.e.*, including non-profit institutions of higher education and other non-profit organizations) that expends Federal awards of \$750,000 or more in the recipient's fiscal year to conduct a single or program-specific audit in accordance with the requirements set out in the Subpart. Applicants are reminded that NIST, the DoC Office of Inspector General, or another authorized Federal agency may conduct an audit of an award at any time.

c. Federal Funding Accountability and Transparency Act of 2006. In accordance with 2 C.F.R. Part 170, all recipients of a Federal award made on or after October 1, 2010, are required to comply with reporting requirements under the Federal Funding Accountability and Transparency Act of 2006 (Pub. L. No. 109-282). In general, all recipients are responsible for reporting sub-awards of \$25,000 or more. In addition, recipients that meet certain criteria are responsible for reporting executive compensation. Applicants must ensure they have the necessary processes and systems in place to comply with the reporting requirements should they receive funding. Also see the *Federal Register* notice published September 14, 2010, at 75 FR 55663 available here <http://go.usa.gov/hKnQ>.

VII. Federal Awarding Agency Contacts

Questions should be directed to the following contact persons:

Subject Area	Point of Contact
Programmatic and Technical Questions	Jason Stoughton Phone: 301-975-5935 E-mail: documentary.questions@nist.gov Website: http://go.usa.gov/chhdG

Subject Area	Point of Contact
Technical Assistance with Grants.gov Submissions	Christopher Hunton Phone: 301-975-5718 Fax: 301-975-8884 E-mail: grants@nist.gov Or Grants.gov Phone: 800-518-4726 E-mail: support@grants.gov
Grant Rules and Regulations	Michael Teske Phone: 301-975-6358 Fax: 301-975-8884 E-mail: michael.teske@nist.gov

VIII. Other Information

Public Website, Frequently Asked Questions (FAQs) and Webinars: NIST has created a public website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>) that provides information pertaining to this Funding Opportunity. NIST anticipates that a “Frequently Asked Questions” section as well as other resource materials will be maintained and updated as needed to provide additional guidance and clarifying information that may arise related to this Funding Opportunity. Any amendments to this FFO will be announced through Grants.gov.

Applicants must submit all questions in writing to documentary.questions@nist.gov. Questions submitted to NIST may be posted on the NIST website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>) as part of a FAQ document. Alternatively, applicants may ask questions during one or more public events and informational webinars as described in the next paragraph.

NIST plans to hold one or more public events and informational webinars on the Project to Develop and Produce a Documentary Film about Rebooting the International Measurement System competition. The event(s) and webinar(s) schedule will be posted and maintained on the NIST website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>). The public event(s) and webinar(s) will provide information on the project, this FFO, general guidance on preparing applications, and offer opportunities for the public to ask questions about the project.

Proprietary technical discussions about specific proposal ideas will not be permitted, and NIST will not critique or provide feedback on any proposal ideas brought forth during the event(s), webinar(s) or at any time before submission of an application to NIST (see the previous paragraph above). There is no cost to attend either the public event(s) or webinar(s), **but participants must register for each in advance.** Participation in either the public event(s) or the webinar(s) is not required for the submission of an application and attendance/participation will not be considered as part of the application review process. The webinar(s) will be recorded and a link to the recordings will be available for public access on the NIST website at http://www.nist.gov/public_affairs/funding_science_documentary.cfm (short URL: <http://go.usa.gov/chhdG>). Additional information concerning the public event(s), webinar(s), and advance registration is available at the same website.