Standards Resource & Research Request (SR³) Form
Pipeline Standards

Document Information

<table>
<thead>
<tr>
<th>Standard Designation:</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>2021 Funding Request for API Pipeline Standards Development</td>
</tr>
<tr>
<td>Edition:</td>
<td>n/a</td>
</tr>
<tr>
<td>Budget Year:</td>
<td>2021</td>
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</tbody>
</table>

Policy Committee/Group (check all that apply if a joint project)

- COPS
- Cybernetics
- Emergency Response
- PET
- PLIG
- Gathering Lines
- Operator Qualification
- COG
- Underground Storage

Priority Matrix Ranking:

<table>
<thead>
<tr>
<th>Priority 1 (Rank 10-15)</th>
<th>Priority 2 (Rank 7-9)</th>
<th>Priority 3 (Rank ≤6)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>x</td>
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</tbody>
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Proposed Action:

- New Standard
- Revise Current Standard
- Withdraw Current Standard
- Research Only

Proposed Funding Type:

- Budget Request
- Special Solicitation

Total Funding Request (Parts A & B): $35,000 or [$250,000 – Approved 2021 Funding Requests] whatever is the higher amount

Name ofSubmitter(s): John Buflod
Date: 29 June 2020

Part A – Resource Plan

I. Background and Information:

1. Explain the business need for the proposed action. Indicate potential cost savings to industry where possible.

In the past, API has had challenges adequately supporting standards efforts which were not anticipated in the prior year. We are seeking a funding request for unspecified projects which can be used in the event that unanticipated research or standards development is initiated in the next calendar year / budget cycle.

When an appropriate project requiring funding is identified, a specific SR3 for that project will be submitted to COPS for their consideration and approval prior to initiating a contract or standards development activity.

This SR3 is being submitted to ensure COPS maintains its current funding level for 2021.

2. What is the scope of the standard?

n/a
3. Is this standard on the work program of another standards development organization (SDO)?
   Yes [ ] No [ ] x [ ]
   If yes, specify SDO and standard designation/project title/contact

If yes, is the work being coordinated with the appropriate group? Are there special circumstances that would justify independent API initiation of the proposed action?

4. Are a volunteer chair and group of experts available to perform the proposed action?
   Please include names and company affiliation and indicate chair, if available.
   n/a

5. Is there a need to commit resources to supplement the development of the draft? Would a paid content specialist accelerate progress on the development/revision? Is there a readily available content specialist?
   n/a

6. Are there special format requirements for final document, i.e. knowledge of ISO template required), significant graphics, photos or equations) required that would need extraordinary resources?
   Yes [ ] No [ ]
   If Yes, please provide details:

7. Please provide any other information that is pertinent to the proposed action.
   N/a

8. What are the implications of not initiating the proposed action? Include potential safety, reliability, environmental and financial impacts that may arise.
   In prior budget years, forecasting the future year’s budget for pipeline standards projects was challenging in that industry sometimes needed to be responsive and act dynamically in supporting initiatives for pipeline standards research and development and move expeditiously to fund new projects. Without this funding request, funding for 2021 would be below 2020 levels and could lead to critical unanticipated projects remaining unfunded.

9. Is there research proposed to accomplish the proposed action?
   Yes [ ] No [ ] x [ ]
   If yes, complete Part B of this form.

II. Project Timing

<table>
<thead>
<tr>
<th>Proposed start date:</th>
<th>n/a</th>
<th>Proposed date draft will be ready for letter ballot:</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>TG/WG: (estimated number of volunteers needed)</td>
<td>n/a</td>
<td>Content Management: ($ amount “if needed” or volunteer)</td>
<td>n/a</td>
</tr>
</tbody>
</table>

PART B – Research Plan

I. Background and Information

1. Proposed Research Title:
2. Proposed Project Scope:

3. Research Amount:

4. What is the business need for the proposed research?

5. Is the proposed research edition-specific for a single standard or will it result in technology enhancement for multiple standards?
   Yes  [ ]  No  [ ]
   If multiple standards, please cite the standards effected:

6. Research Timing:
   Research is necessary prior to scheduled revision.
   Research can be done concurrent with revision.

7. How does the research support the proposed action identified in Part A?

8. Is a joint industry project (JIP) a possibility?
   Yes  [ ]  No  [ ]
   If Yes, with whom?

9. Are there opportunities for leveraged research with other organizations?
   Yes  [ ]  No  [ ]
   What organizations?

10. What are the implications of not performing the proposed research?

II. Dates and Funding:

<table>
<thead>
<tr>
<th>Estimated Completion Date</th>
<th>Prior Research Funding Requested</th>
<th>Anticipated Future Research Funding Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>Year 2: $</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Year 3: $</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Year 4: $</td>
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PART C – Proposal Feedback/Approval Information

Policy Group comments to Proposer/WG:

Date approved by Policy Group:

COPS Comments to Proposer/WG

Date approved by COPS:

Date entered into API Publications DB: