

RFP for entities to implement with subsidies the “Project of Decommissioning and Contaminated Water Management (Conceptual Study of Innovative Approach for Fuel Debris Retrieval and Feasibility Study of Essential Technologies)” in the FY2013 Supplementary Budget

2-2

Project Scheme and Application/Adoption

July 4, 2014

 MITSUBISHI RESEARCH INSTITUTE, INC.

Management Office for the “Project of Decommissioning and Contaminated Water Management”

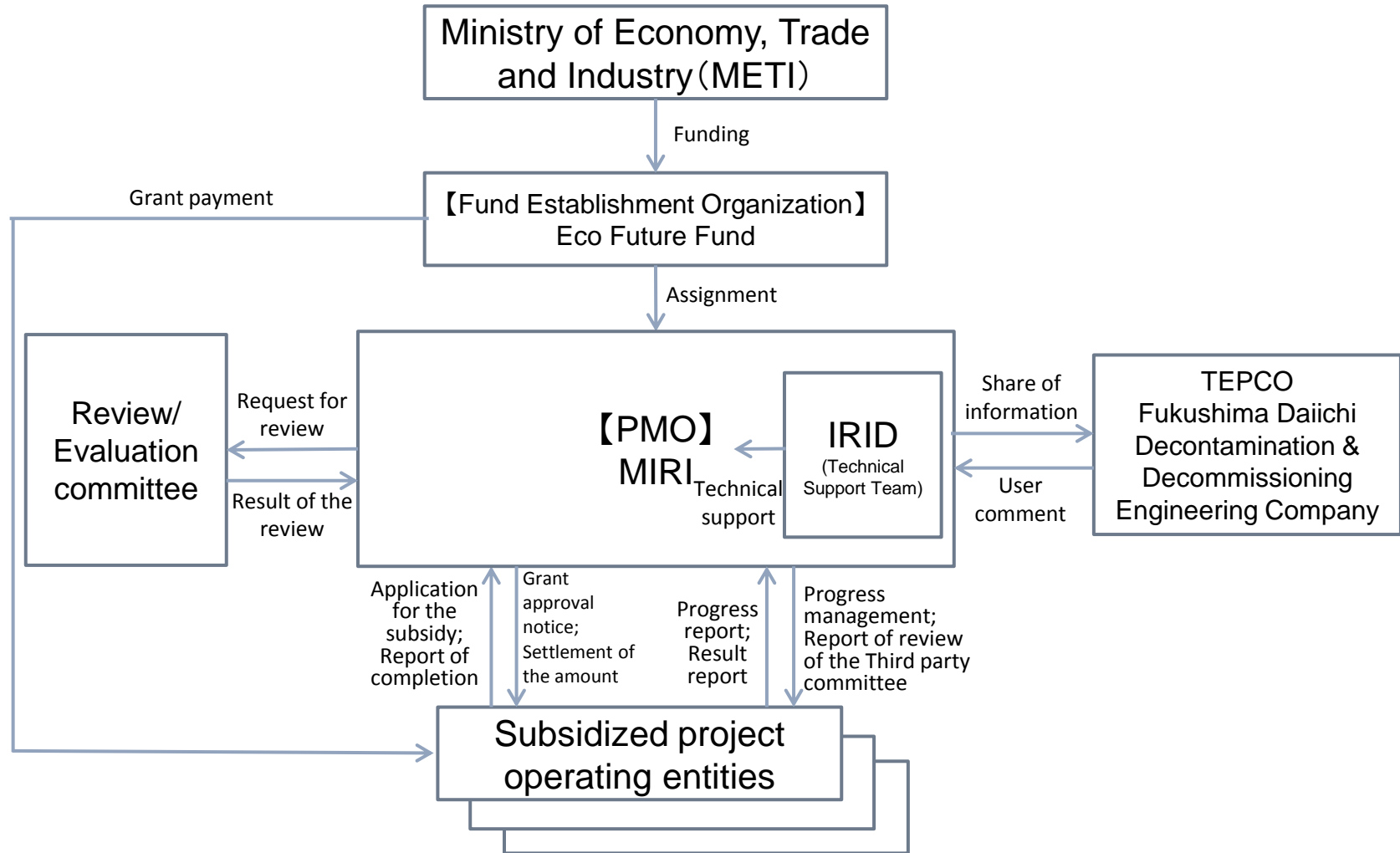
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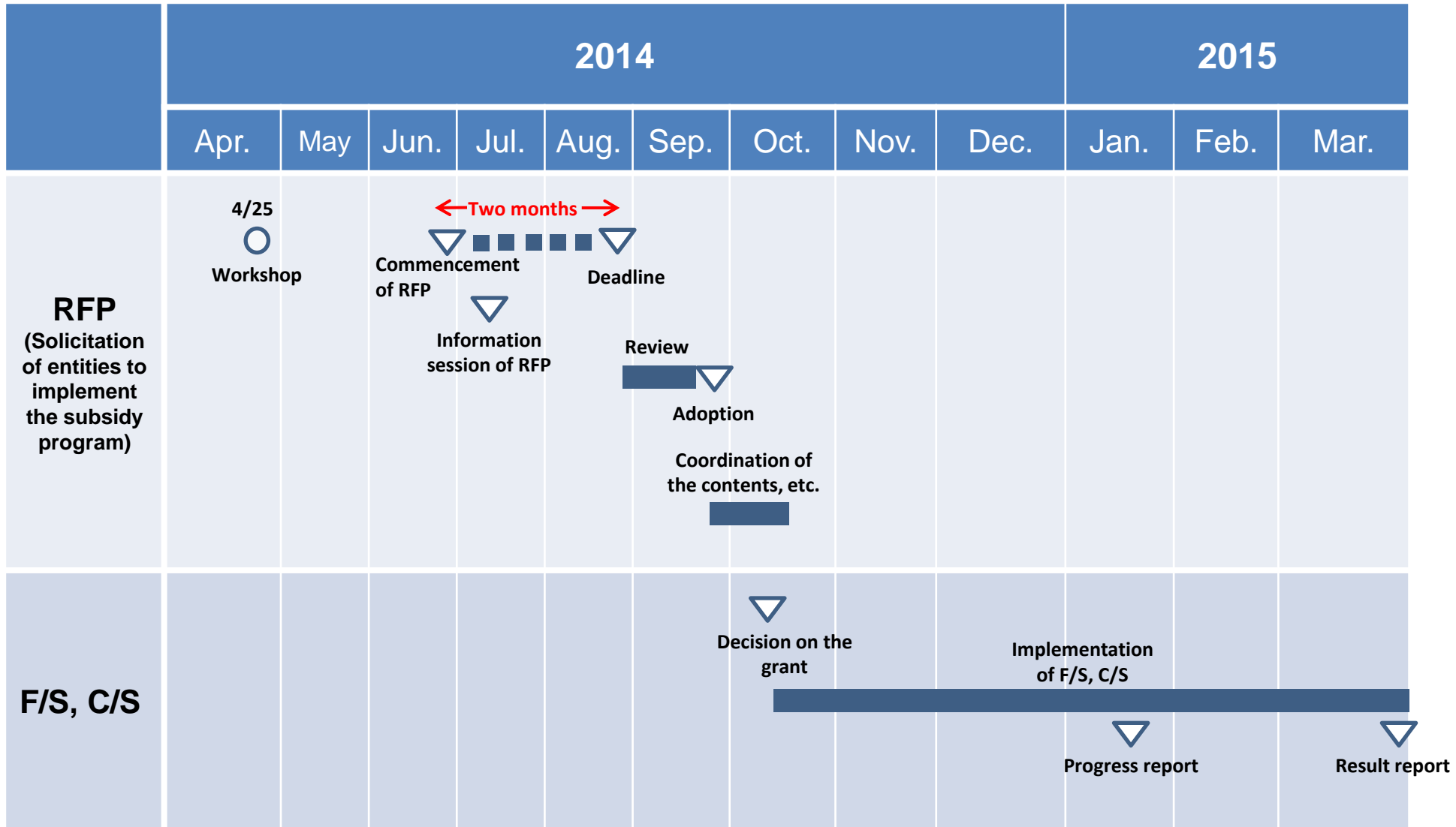
Project Scheme

1. Project Scheme
2. Upcoming Schedule
3. Scheme to Promote Integration of Government Funded Projects and RFI/RFP

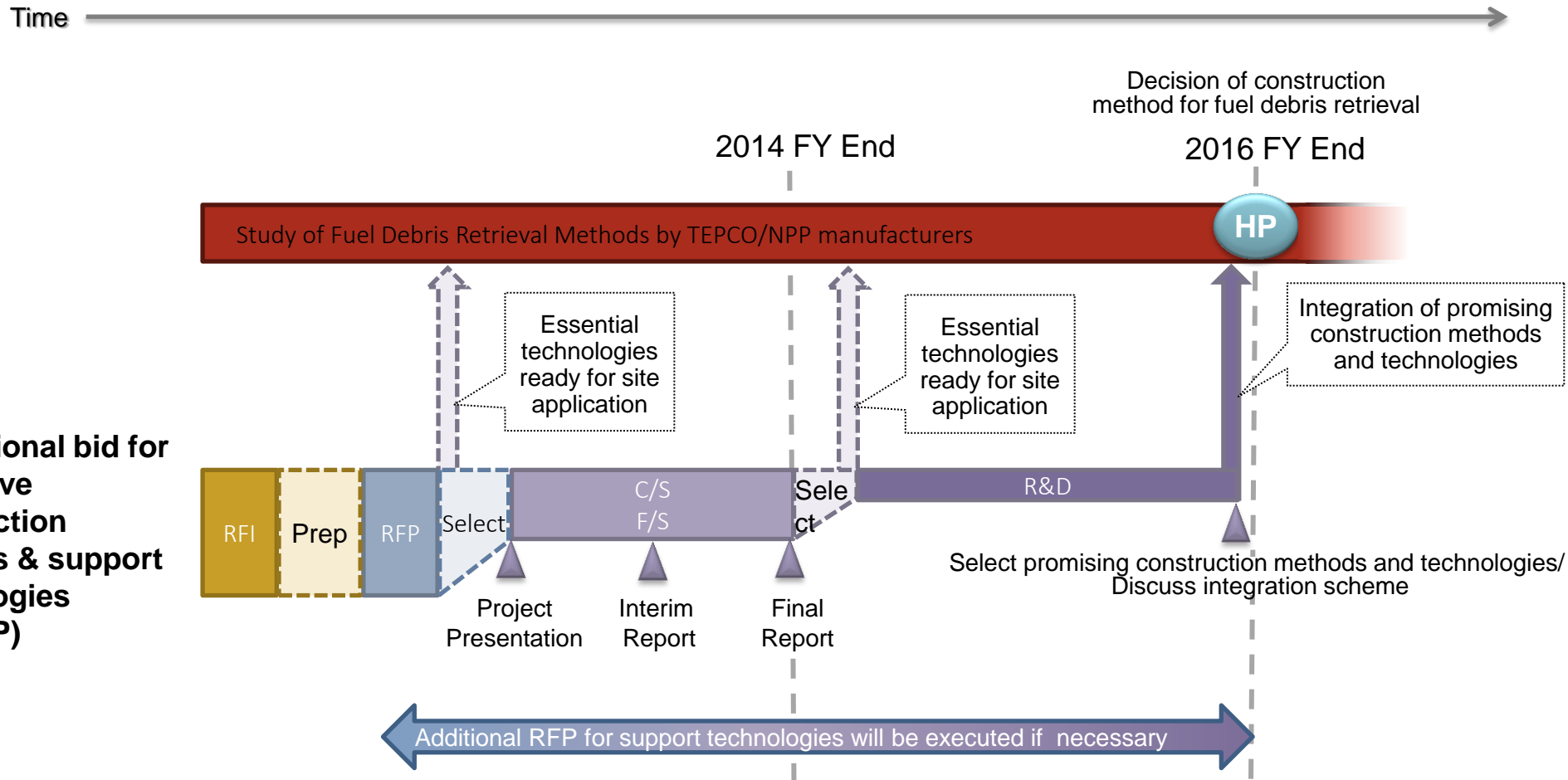
1. Project Scheme



2. Upcoming Schedule



3. Scheme to Promote Integration of Government Funded Projects and RFI/RFP



NB: Projects are evaluated at each selection step on whether appropriate to go forward to next step. NO automatic procession is guaranteed for any projects.

Application Procedures

1. Application Format
2. Submission of Application
3. Precautions about Preparation and Submission of Applications
4. Explanation on Handling of Information

1. Application Format

- The application formats consist of the followings:
 - Form 1: Application Form
 - Form 2: Proposal for Project Scheme
 - Form 3: Proposal for Technologies
 - Form 4: Certification of Conformation to Qualification Requirements
- Those forms in Microsoft Word are downloadable on the web page of this project.
- The applications shall be written in Japanese or English.

1. Application Format (continued)

Form 1: Application Form

- Please circle a project name of which you apply for.
 - ✓ Concept study project of innovative approach for fuel debris retrieval
 - ✓ Feasibility study project of visual and measurement technologies for innovative approach
 - ✓ Feasibility study project of cutting fuel debris and dust collection technologies for innovative approach

In Exhibit 1-3 of the guideline of application, qualification requirements for implementing each project, details of projects, rules for preparing proposals, criteria of evaluation and allocation of marks are written.

- Applicant
 - ✓ (Representative) company/organization's name
 - ✓ Representative person's job title and name
 - ✓ Company/Organization's address

- The seal or signature of company/organization's representative is required.

1. Application Format (continued)

Form 2: Proposal for Project Scheme

1. Project purpose, details and implementation method
 - ✓ Describe the purpose of this proposal in detail based on the background of decommissioning and contaminated water management so far.
2. Project implementation plan
 - ✓ Implementation schedule
 - ✓ Implementation schedule in detail
 - ✓ Concrete goals=setup of milestones
 - ✓ Quarterly progress reports
3. Project implementation scheme
 - ✓ Structure diagram
 - ✓ Number of personnel
 - ✓ Sharing roles of personnel
 - ✓ Top project manager and his/her personal history, specialized field and track record of similar projects
 - ✓ Plan of outsourcing and its details
 - ✓ In case of working with other companies as a consortium, state the representative company and companies/organizations which compose such a consortium.

1. Application Format (continued)

Form 2: Proposal for Project Scheme (continued)

4. Past Record of Performance
 - ✓ The company's track record of similar projects
 - ✓ The project manager's specialized field and track record of similar projects.
 - ✓ In case working with other companies as a consortium, please state the above information of each company/organization.
5. Financial basis/ management system
 - ✓ Fiscal condition
 - ✓ Financial management system
 - ✓ In case of working with other companies as a consortium, state the above information of all the companies/organizations.
6. Total project cost (unit: thousand yen)
 - ✓ Labor cost
 - ✓ Operating cost
 - (1) Raw materials
 - (2) Consumables
 - (3) Design/fabrication/processing
 - (4) Facility/equipment
 - (5) Goods purchase
 - (6) Research
 - (7) Outsourcing
 - (8) Travel
 - (9) Reward
 - (10) Rent/depreciation
 - (11) Other necessities

1. Application Formats (Continued)

Form 2: Proposal for Project Plan (continued)

- Each entry item is accompanied with a “CHECK ITEM” box.
 - ✓ Please see the contents, and check the box if they are described in detail.
 - ✓ Please fill out all the basic point items, and additional point items if applicable.

Example of “Check Item” box

(2) Project Implementation Plan	
* Describe the implementation schedule for the operations you apply for (on a monthly basis). * Describe the implementation procedure in detail. * Establish and state milestones, that is, the concrete goals for fulfilling the implementation purposes. * Write down the reporting items at the committee’s quarterly progress report meeting (interim and final)	
CHECK ITEM	
*Check if the following items are written in detail and check the box if applicable. *Please fill out all the basic points and the additional points are non-mandatory.	
CHECK BOX	
【Basic Point】	
<ul style="list-style-type: none"> • The project implementation plan (schedule) is appropriate for the project purposes and contents. 	<input type="checkbox"/>
【Additional Point】	
<ul style="list-style-type: none"> • The substantial evidence for implementing the project appropriately (staff, procedures, etc.) are written in the project implementation plan (schedule). • The project implementing procedures are created so that they will be conducted effectively. 	<input type="checkbox"/> <input type="checkbox"/>

- If any of basic point items are missing, the proposal cannot be adopted.
- Additional points will be calculated only if all of the basic points items are filled out.

1. Application Format (continued)

Form 3: Proposal for Technologies

(1) Proposal Form for Conceptual Study of Innovative Approach for Fuel Debris Retrieval

1. Feasibility of Innovative Approach
 - ✓ Describe the details of innovative approach.
2. Consideration of Safety of the Method
 - ✓ Describe how the safety of the method is considered.

(2) Proposal Form for Feasibility Study of Visual and Measurement Technology for Innovative Approach

1. Basic Principle of Proposed Technology
 - ✓ Describe the basic principle of proposed technology.
2. Specification of Proposed Technology
 - ✓ Describe the specifications of proposed technology. If the proposed technology does not cover all of the items, list the missing item. If the proposal technology does not meet the target specification, explain the reason and describe the achievable specification.
3. Existing Technology as a Basis of Proposed Technology
 - ✓ Describe the existing technology as a basis of proposed technology.

1. Application Format (continued)

Form 3: Proposal for Technologies (continued)

(3) Proposal for Feasibility Study of Fuel Debris Cutting and Dust Collection Technology for Innovative Approach

1. Basic Principle of Proposed Technology

- ✓ Describe the basic principle of proposed technology.

2. Specification of Proposed Technology

- ✓ Describe the specifications of proposed technology. If the proposed technology does not cover all of the items, list the missing item. If the proposal technology does not meet the target specification, explain the reason and describe the achievable specification

3. Existing Technology as a Basis of Proposed Technology

- ✓ Describe the existing technology as a basis of proposed technology.

● As with Form 2, each entry item entails a “Contents to be checked” box.

- ✓ Please see the contents and check the box if they are described in detail.
- ✓ Please fill out all the basic point items, and additional point items if applicable.

- If any of basic point items are missing, the proposal cannot be adopted.
- Additional points will be calculated only if all of the basic points items are filled out.

1. Application Format (continued)

Form 4: Certificate of Conformation to Qualification Requirements

We confirm that the applicant satisfies the qualification requirements (1)-(8) in the guideline for the solicitation.

- (1) Possessing the organization for properly conducting the relevant subsidized project.
- (2) Having the capacity, knowledge and experience required for conducting the relevant subsidized project.
- (3) Having the management foundation required for smoothly conducting the relevant subsidized project and sufficient ability to control the funds and other resources.
- (4) Being able to implement the project in accordance with all the applicable laws and regulations enacted in Japan, and to follow the appropriate accounting procedures in accordance with the “Procedural Manual for conducting the projects subsidized by the Ministry of Economy, Trade and Industry”.
- (5) Not foreseen to be subject to Articles 70 and 71 of the Cabinet Order concerning the Budget, Auditing and Accounting.
- (6) Not fulfilling any of the conditions stipulated in the “Guidelines for the suspension of subsidies controlled by the Ministry of Economy, Trade and Industry and the suspension of designation relating to the contracts”. (January 29, 2003, No 1) First column, the second items in Attachment
- (7) Being able to prepare the evidenced documents in Japanese or English, and present them in Japan as requested by the government, the funds establishment organization or PMO-D/CW.
- (8) All Intellectual Property (IP) generated during the course of this subsidized research project belongs to the subsidized project operating entity. However, the subsidized project operating entity is requested not to restrict the utilization of the IP without objectively reasonable justification, and to allow METI utilization of the IP for decommissioning and contaminated water management activities in the Fukushima Daiichi NPS. With regard to the conditions of using the IP, subsidized project operating entities are requested to discuss with METI

- In the verification columns, please write the reasons why you verified that the application meets the requirements.
- When filling it out, write “Attachment” if there are any verification documents attached to this form and if not, write “No attachment.”

2. Submission of Application

■ Deadline

By noon on August 27, 2014 (Japan time)

■ Applications to be submitted

- Form 1: Application Form
- Form 2: Proposal for Project Scheme
- Form 3: Proposal for Technologies
- Form 4: Certification of Conformation to Qualification Requirements
- Other documents

In addition to the above, company/organization information, financial statement, income and expenditure account statement, articles of incorporation or articles of endowment shall to be submitted.

2. Submission of Application (continued)

■ How to Submit Application

- Please use the Web Application System on the web page of the Management Office for the Project of Decommissioning and Contaminated Water Management (<http://dccc-program.jp/>).
- The web application system becomes available on July 11.
- Please upload each application document in PDF via the Web Application System's designated form.
- Although the applications via e-mail, post and such are not allowed basically, hand-carrying may be permitted at the management office's discretion when necessary. If you need to submit the application by hand, please contact us in advance.

If there are any inquires, please send to: retrieval@mri.co.jp

3. Precautions for Preparation and Submission of Application

Please be careful about the followings points when preparing and submitting application documents. Failure to observe these precautions may cause non-adoption of the proposal as no additional points will be calculated.

【Preparation of Application Document】

- For the proposals for project scheme and technologies, please fill out all the basic point items. The adoption of basic point items will be decided by whether all the necessity items are described or not. Make sure that all the basic points items in the forms 2 and 3 are filled out. (If the boxes of check items of Form 2 and 3 are marked before submission, it is possible to see if all the basic conditions are satisfied at a glance.)
- Please confirm that the total project cost doesn't exceed the upper limit of the subsidy (50,000,000 yen per adopted project) and the project will complete by the end of March 2015.
- Please see if the proposed project can be conducted enough with the applicant's financial basis and track record of technical performance.
- Please confirm you thoroughly understands the contents of the guideline and its proposal is written in accordance with the purpose and prerequisite conditions of the solicitation.

【Submission of Application Documents】

- Please observe the deadline and submission procedures written in the guideline for application.

4. Explanation on Handling of Information

- All the contents of proposals won't be announced to the public and will be solely disclosed to METI, MRI, Review/Evaluation committee, TEPCO, and IRID's Research Team for Fuel Debris Technology.^{*} However, the title and outline of adopted proposals may be published.

* IRID's Research Team for Fuel Debris Technology has no assigned employees from NPP manufacturers. Also, we work separately from IRID at different offices and commit to information management by restricting access to electric files.

- No information will be disclosed to NPP manufacturers without applicants' prior permission.

Evaluation Method and Criteria

1. Evaluation Method
2. Evaluation Criteria

1. Evaluation Method

- The evaluation will be conducted as follows:
 1. The applicants shall be evaluated based on the application documents by the Management Office of the Project.
 2. As the result of screening of application documents, if “the Review/Evaluation committee for Project of Decommissioning and Contaminated Water Management,” consisting of knowledgeable persons, confirms that there is no omission in the documents and all the basic point items are described, the contents of documents will be evaluated.
 3. As the result of screening of application documents, the applicant may be requested to make a presentation at the Review/Evaluation committee for Project of Decommissioning and Contaminated Water Management (the time and date will be announced after the deadline of applications).
 4. In addition to the presentation, the applicant may be requested to conduct hearings and on-site research, or submit additional documents.
 5. The screening of application documents, presentation (if applicable) , hearings and on-site research (if applicable) will be all taken into the consideration to decide the granting of subsidy.

2. Evaluation Criteria

- In the screening of application documents, we evaluate the applications based on the following points of the proposed project.
 - (1) Contents of Project Scheme (Form 2)
 - Purpose of operation, contents and implementation methods, operation implementation plan, operation implementation structure, past performance of operations and financial basis/management structure.
 - (2) Technical Contents (Form 3)
- The evaluation will be conducted in accordance with the evaluation method shown in Exhibit 1 to 3 and the adoption of applicant will be decided based on the evaluation results.
 - All the basic point items written in Exhibit 1 to 3 needs to be described and if not, the applicant won't be reviewed regardless of evaluation of other items.
 - The additional point items in Exhibit 1 to 3 will be graded according to the contents of proposal.

Contact

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Management Office for the “Project of Decommissioning
and Contaminated Water Management”

URL : <http://en.dccc-program.jp/>

E-mail : retrieval@mri.co.jp



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