

Guidelines for applying to the “Verification of technologies for contaminated water management project” (Demonstration Project for Verification Tests of Tritium Separation Technologies) in the FY2013 Supplementary Budget

Date: May 15, 2014

Management Office for the Project of Decommissioning  
and Contaminated Water Management

The Management Office for the Project of Decommissioning and Contaminated Water Management has now opened the RFP (Request for Proposal) call for entities to receive subsidies and implement the “Verification of technologies for contaminated water management project” in the FY2013 Supplementary Budget. All the applicants are also advised to read the relevant grant policy carefully.

1. Purpose of this project

With regard to countermeasures for contaminated water in the Fukushima Daiichi Nuclear Power Station of Tokyo Electric Power Company, there exist various challenges. To consider responses to them, METI/ANRE entrusted management procedures to the International Research Institute for Nuclear Decommissioning (IRID), and from September 25<sup>th</sup> to October 23<sup>rd</sup> 2013, conducted the Request for Information (RFI) in order to gather broad information from domestic and overseas wisdom on six RFI topics.

In the topic of “treatment of contaminated water (tritium separation technology, long-term safe storage of tritium, etc.)”, 182 responses were offered to the RFI. With regard to tritium separation technologies, the responses include information on water distillation method, electrolytic method, combined electrolysis catalytic exchange method, girdler-sulfide method, etc., which have experiences of the nuclear field.. In addition to this, with regard to other separation technologies, the information on freeze concentration, separation using nanotechnology, hydrates, absorbents, etc. was offered.

Following are comments on these technologies from the Expert Review Panel set up by IRID.

<Comments from the Expert Review Panel >

- From the international experience of the comprehensive evaluation carried out by OSPAR Commission of the EU, or European countries and US, tritium could be separated theoretically, but there is no practical separation technology on an industrial scale. Accordingly, a controlled environmental release is said to be the best way to treat

low-tritium-concentration water.

- Although there are many proposals about tritium separation technologies, there is no innovative proposal that will significantly improve the separation performance of the CECE process which is, from the past knowledge and experience, the most promising system.
- When reviewing these technologies for the application to Fukushima Daiichi nuclear power plant, expected development time, size and cost, as well as risk of separation should be taken into account.
- Although many proposals were submitted, there was no proposal that showed an immediate applicability to Fukushima Daiichi nuclear power plant.
- On the other hand, it is important to keep collecting information on the updates of various technologies which are in the research phase.

The comments from the Expert Review Panel can be viewed here:

(Japanese)

[http://irid.or.jp/cw/wp-content/uploads/2013/11/RFI\\_Result1115\\_1\\_2.pdf](http://irid.or.jp/cw/wp-content/uploads/2013/11/RFI_Result1115_1_2.pdf)

(English)

[http://irid.or.jp/cw/wp-content/uploads/2013/11/RFI\\_Result1118\\_1\\_21.pdf](http://irid.or.jp/cw/wp-content/uploads/2013/11/RFI_Result1118_1_21.pdf)

In response to these comments, the Committee on Countermeasures for Contaminated Water Treatment released “Preventative and Multilayered Measures for Contaminated Water Treatment at the Fukushima Daiichi Nuclear Power Station of Tokyo Electric Power Company – Through completeness of comprehensive risk management” on December 10<sup>th</sup>, 2013. In the report, it is stated that “Since technologies that have a quick effect in separating tritium have not been found after collecting technical proposals from both inside and outside of Japan, it will be necessary in the future to assess measures proposed in response to our requests for information”.

Furthermore, following advice that “every alternatives should be verified” given by an International Atomic Energy Agency (IAEA) expert team which visited Japan at the end of November 2013, a task force was set up under the Committee in order to comprehensively evaluate not only separation technologies, but also risks, environmental impacts, cost-benefit, etc. of long-term storage or release of tritium. The Task Force for Tritiated Water is clarifying and analyzing previous scientific knowledge, etc. with consideration from the viewpoint of risk assessment, and the Task Force is also considering various options.

Based on the previous investigations in the Task force, the “Summary of previous discussions” was published in April, 2014. It can be viewed at the following website.

(Japanese)

[http://www.meti.go.jp/earthquake/nuclear/pdf/140428/140428\\_01f.pdf](http://www.meti.go.jp/earthquake/nuclear/pdf/140428/140428_01f.pdf)

(English)

[http://www.meti.go.jp/earthquake/nuclear/pdf/140428/140428\\_01n.pdf](http://www.meti.go.jp/earthquake/nuclear/pdf/140428/140428_01n.pdf)

The purpose of this project is to gather the latest information on tritium separation technology on the basis of the above-mentioned previous consideration. The results of this project will be utilized as needed for consideration of the task force; therefore reports of progress of the project, results of tentative calculation or data at the time, etc. will be required around four times per year. The data, etc. might be released to the task force as needed. In this case, the information will be released after coordination with the implementing entity and receipt of its assent.

<References>

”Preventative and Multilayered Measures for Contaminated Water Treatment at the Fukushima Daiichi Nuclear Power Station of Tokyo Electric Power Company-Through completeness of comprehensive risk management-”

Summary

(Japanese)

[http://www.meti.go.jp/earthquake/nuclear/pdf/131210/131210\\_01c.pdf](http://www.meti.go.jp/earthquake/nuclear/pdf/131210/131210_01c.pdf)

(English)

[http://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/131210gaiyou\\_E.pdf](http://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/131210gaiyou_E.pdf)

Report

(Japanese)

[http://www.meti.go.jp/earthquake/nuclear/pdf/131210/131210\\_01d.pdf](http://www.meti.go.jp/earthquake/nuclear/pdf/131210/131210_01d.pdf)

(English)

[http://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/131210report\\_E.pdf](http://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/131210report_E.pdf)

“Additional Measures for Decommissioning and Contaminated Water Issues at TEPCO’s Fukushima Daiichi NPS”

(Japanese)

[http://www.meti.go.jp/earthquake/nuclear/pdf/20131220\\_02b.pdf](http://www.meti.go.jp/earthquake/nuclear/pdf/20131220_02b.pdf)

(English)

[http://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/20131226\\_001.pdf](http://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/20131226_001.pdf)

## 2. RFP Topic

### ○Demonstration Project for Verification Tests of Tritium Separation Technologies

With regard to contaminated water arising in the Fukushima Daiichi Nuclear Power Station, efforts to remove 62 kinds of nuclides are ongoing, but it is not possible to remove tritium. In this situation, entities to implement verification tests of tritium separation technologies are being solicited. More precisely, in order to validate the separation technology, it is required to construct and use equipment, the scale of which is left to the implementing entity's discretion, and to conduct verification tests that will enable evaluation of separation performance of the tritiated water (The concentration: from  $6.3 \times 10^5$  Bq/L to  $4.2 \times 10^6$  Bq/L (It varies according to the sampling date.)) arising in the Fukushima Daiichi Nuclear Power Station, construction costs, and operating costs.

,

## 3. Duration of the Project

From the date of the grant decision to March 31st, 2016

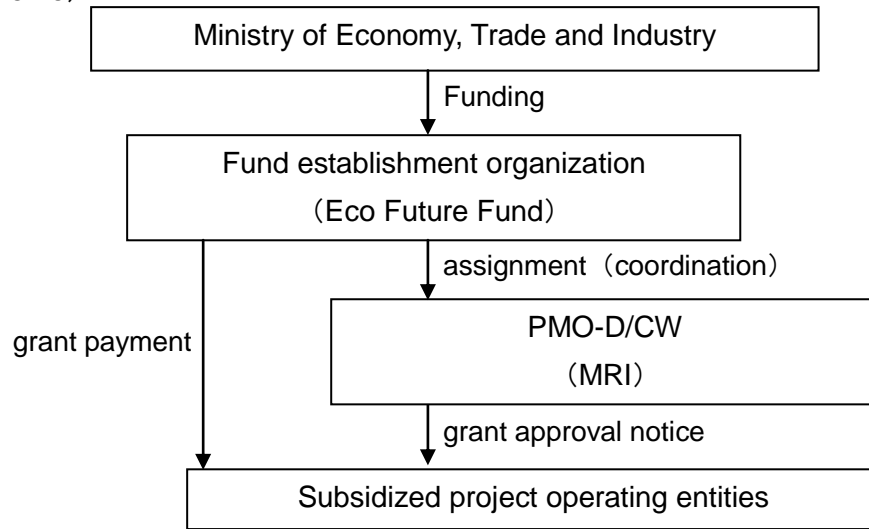
Please note that proposals are preferable which observe this duration and for which the necessary project term is shorter than other proposals.

## 4. Project background and project scheme

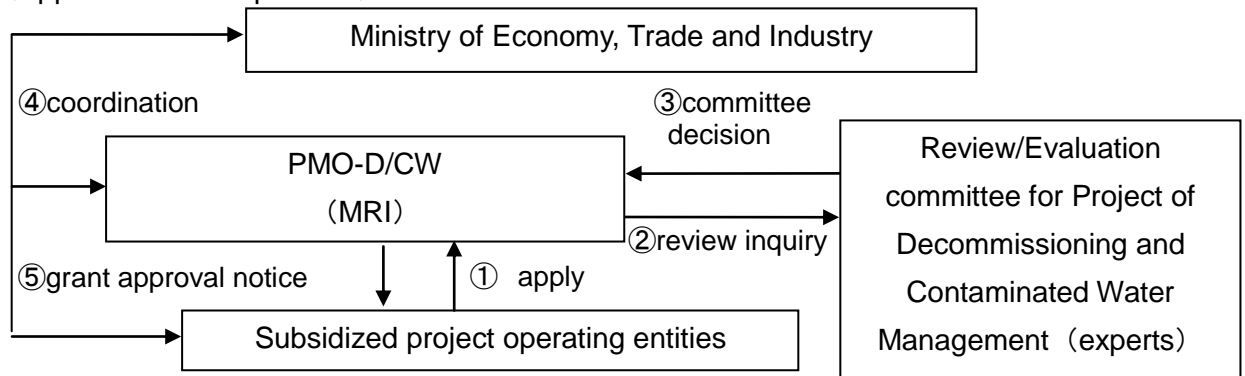
With the support of gathering domestic and overseas wisdom on contaminated water issues, METI will strongly support the feasibility studies and technology development for decommissioning and contaminated water management, in order to respond quickly and appropriately to technical challenges which could not be foreseen at the outset.

Utilizing the FY2013 Supplementary budget, METI has created the "Fund for the project on Decommissioning and Contaminated Water Management" and has selected the Mitsubishi Research Institute, Inc. (MRI) as Management Office for the Project of Decommissioning and Contaminated Water Management (abbreviated as "PMO-D/CW"). In this project, MRI is now executing the tasks related to confirming and validating technologies that will be useful for decommissioning and contaminated water management. Regarding the Fund scheme and the evaluation process, please see the diagrams and charts below.

(Fund Scheme)



(Applicants review process)



※The decisions on granting a subsidy, the content of the work to be carried out, and the amount of the subsidy shall be made after consultations between the subsidized project operating entity and the PMO-D/CW and/or METI.

### 5. Application requirements

The private companies, etc. satisfying all of requirements (1) to (7) shown below are qualified to apply for the subsidies. Applications from consortia are also acceptable. In that case, a managing legal entity must be appointed out of each consortium and submit the project proposal. (Please note that no managing legal entity may recommission the entire work to other legal entity.)

- (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<sup>(\*)</sup>” (The translation is in progress).  
 (\*) [http://www.meti.go.jp/information\\_2/downloadfiles/jimusyori\\_manual.pdf](http://www.meti.go.jp/information_2/downloadfiles/jimusyori_manual.pdf)
- (5) Not foreseen to be subject to Articles 70 and 71 of the Cabinet Order concerning the Budget, Auditing and Accounting<sup>(\*\*)</sup> (The translation of corresponding articles is in progress) .  
 (\*\*) <http://www.enecho.meti.go.jp/info/tender/tenddata/1304/130423c/3.pdf>
- (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” (The translation is in progress).
- (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.

## 6. Requirements conditions

- (1) Number of proposals to be adopted

At least one proposal

- (2) Subsidy rate and amount

The amount of the subsidy is fixed, and the upper limit is one billion yen. Details of the project, subsidy amount etc. will be decided after coordination with the PMO and with METI.

Furthermore, acquisition of lands or construction costs of buildings are not covered by the subsidy.

### (3) Time of payment

In principle, the subsidies are paid after the project is completed.

※Please note that cases where the payment (i.e. the payment by estimate) before the completion of the project is permitted are limited. But there are exemptions, for example, it can be acceptable to divide the project period into some steps and to pay at times when each step is completed and the completion is confirmed. In any case, details of the project, subsidy amount etc. will be decided only after the grant decision and coordination with the PMO and with METI. Therefore, in the application, please clearly describe the specific request regarding the payment method, etc.

### (4) Confirmation of the amount of payment

The amount to be paid is decided based on the result report which is submitted by the operating entities after the project is complete as well as the results of the survey at the verification site and/or the office.

The amount to be paid will be the total of the expenses to be covered by the subsidies, which do not exceed the granted subsidy amount. For this reason, the account ledgers, receipts and other documents are necessary for supporting all the expenses. All the expenses will be strictly inspected and the expenses are strictly evaluated. Thus, the expenses not meeting the conditions mentioned above may be rejected.

## 7. Application procedure

### (1) Application period

Commencement: Thursday, May 15<sup>th</sup>, 2014

Deadline: Thursday, July 17<sup>th</sup>, 2014 (by noon, Japan time). No application will be accepted after the deadline.

### (2) Information session

In late May, an information session for domestic and overseas participants is scheduled to be held (The session is also planned to be broadcast via webcast.). Detailed information will be released through our website ([http://www.mri.co.jp/tritium\\_e/](http://www.mri.co.jp/tritium_e/)).

Those wishing to attend the information session – which will be held in Tokyo – are advised to contact the relevant person of PMO-D/CW shown in 12, “Contact information” by email.

The deadline for applying to attend the information session will be announced separately via the website. The instructions for viewing the information session online will be posted on the website separately. Any questions should be sent to: [tritium@mri.co.jp](mailto:tritium@mri.co.jp) In a short time, the PMO-D/CW will send answers to the questions by mail, and will publish their contents on

the website.

When making contact, please title your email “Register for the attendance to the information session ‘VTCW’ (Tritium)” and include the “corporate or organization name,” “name of the attendee,” “department,” “phone number,” “fax number,” and “email address” in the main text.

(3) Application form and other documents to be submitted

[1] Please submit the following documents as one file. Please title your file “Application for ‘VTCW’ (Tritium)”.

- Application form (Form 1)
- Plan proposal (Form 2)
  - Details of the work, its method and the plan for the relevant subsidized project
  - Description of the achievements attained in subsidized projects similar to the relevant project or the technical capabilities (i.e. availability of knowledge and capacity) necessary for implementing the relevant subsidized project
  - Description of the financial basis which is necessary for implementing the relevant subsidized project (i.e. The financial basis, the system for organizing and storing the evidential documents and other documents relating to the expenses, the financial conditions, etc.)
  - Estimated amount of the subsidies applied for (including the grounds for expense unit prices) and financial plan, if necessary.
- Other documents
  - Corporate and organization data (i.e. the name, address, foundation date, major business areas, organization chart and number of employees)
  - The financial results, and statement of revenues and expenses (for the past one year)
  - The articles of association or the act of endowment
  - Other supporting documents

\* 10 copies of the application documents shall be issued and submitted by using A4-size or letter size documents, and all the information shall be indicated in Japanese or English. Furthermore, if submitted by email, the format shall be PDF file and one copy of the file shall be submitted.

[2] All the application documents submitted will not be used for any purpose other than the evaluation in the course of selection process. Only committee members involved in the selection, as well as members of the government and the project management office involved in this project, are allowed to read these documents.

Please note that the application documents submitted will not be returned. We take the



utmost care to preserve confidentiality. However, if your proposal is adopted, the information except the non-disclosure information (i.e. the personal information, the information detrimental to the legitimate interests of legal entities) may be disclosed under the “Act on Access to Information held by Administrative Organs” (Act No. 42 enacted on May 14, 1999).

If your proposal contains confidential information which should not be publicly shared, please clearly indicate such information in your proposal. If there are no relevant descriptions, you will be deemed to have agreed to disclose the entire text of the proposal.

[3] The costs spent for issuing the application documents and other documents will not be included in the expenses. Also, the costs spent for issuing those documents will not be compensated for regardless of whether the proposal is adopted or not.

[4] The matters described in your proposal are considered to be the fundamental policies which should be observed during the project. Consequently, please be sure to describe only the matters which are feasible within the budget. Also, please note that even when your proposal is adopted, it may be rejected later on if you make a significant change in it at your discretion, or in case you cannot satisfy the conditions to be qualified for applying for the subsidies.

#### (4) Place of submission

Submission method is the following: Hand-carry, postal mail, or e-mail. The address is the following:

Shimbashi JB Building 5<sup>th</sup> Floor, 9-5, Shimbashi 6-chome Minato-ku, Tokyo 105-0004, Japan

Responsible personnel: Dr. Sato, Mr. Kondoh

E-mail: tr-apply@mri.co.jp

Management Office for the Project of Decommissioning and Contaminated Water Management

Mitsubishi Research Institute, Inc.

\* Please DO NOT send the application documents via fax. Incomplete documents will be rejected and not subject to evaluation. Therefore, please carefully read and follow the procedures for application to correctly fill out the documents.

\* Any application documents submitted after the closing date will not be accepted. If you send the

documents by postal mail, they may not be delivered by the designated time on the closing date. Consequently, you are advised to mail them sufficiently ahead of the closing date.

## 8. Evaluation and Adoption

### (1) Method of Evaluation

The applicants shall be evaluated based on the application documents by the Management Office of the Project. The applicants who made remarkable proposals may be requested to make a presentation at "the Review/Evaluation Committee for Project of Decommissioning and Contaminated Water Management". (The schedule shall be announced after the proposal deadline.) All the expenses incurred in connection with the presentation such as travel expense shall be borne by the applicants. Also, hearings and inspection shall be conducted as required, and submission of additional documents may be requested.

### (2) Evaluation Criteria

The applicants shall be evaluated comprehensively based on the following evaluation criteria. However, projects that do not meet all the "basic requirements" listed as (1) to (4) in Appendix 1 and the evaluation criteria [3] and [4] shall not be adopted regardless of the evaluation results of other items.

#### [1] Adequacy and Efficiency of Project Plan

- The plan shall be evaluated as to whether it is appropriately viable in accordance with the requirements for the Subsidy.

#### [2] Adequacy of Subsidy Amount

- Accounting of the costs (quote details) shall be evaluated as to whether it is reasonable and precise, and whether it is sufficiently economical.

#### [3] Technical Competence (Knowledge and Skill)

- The applicants shall be evaluated as to whether they have skills, knowledge and experience required to implement the subsidized project, for instance if they have been proven successful in the field concerned.

#### [4] Financial basis and Management system

- Subsidized project operating entities shall be evaluated as to whether they have sufficient financial basis and management to implement the subsidy project smoothly.

### (3) Allocation of marks in each RFP Topics

For details, refer to (1) to (4) in Exhibit 1.

#### (4) Decision and Announcement of Results

Contract winner(s) shall be informed of the result, and their names shall be announced on the website of PMO-D/CW. ([http://www.mri.co.jp/news/press/public\\_offering/](http://www.mri.co.jp/news/press/public_offering/))

#### 9. Granting of Subsidy

The project shall be initiated after the contract winners have submitted a grant application for the subsidy to PMO-D/CW and the office has sent a notice of granting in return. It should be noted that there may be changes in the details, composition and scale of the project as well as its budget between the determination of adoption and grant, as a result of consultation with METI. Also, please be aware that the subsidy may not be granted if the granting requirements are not met. Although subsidized project operating entities may be provided with information required to implement the project after the determination of grant, they may be requested to observe the confidentiality depending on the nature of the information.

#### 10. Allocation of Expenses Covered by Subsidy

##### (1) Classification of Expenses Covered by Subsidy

The expenses covered by the subsidy shall be those directly required for the implementation of the project. The specific items are listed below. Note that the definitive expenses covered by the subsidy shall be determined after the coordination with METI.

Items of Expense	Description
Labor Costs	Expenses for personnel required to implement the subsidized project.
Operating Costs	Expenses for raw materials, consumables, design/fabrication/processing, facility/equipment, goods purchase, research, outsourcing, travel, reward, rent/depreciation and other necessities.

##### (2) Expenses not to be Included Directly

- Office supply equipment (furniture such as desks, chairs and bookshelves, office machinery and so forth) with which the applicants should already be provided when considering the nature of the project.
- Expenses for handling accidents and disasters that occurred during the project. (However, cancellation fees incurred by reasons not attributable to subsidized project operating entities may be directly included as an expense. Please consult the person in charge on this matter.)
- Expenses unrelated to the project

### (3) Exclusion of Consumption Tax from Expenses Covered by Subsidy

If general and local consumption taxes (hereafter referred to as “consumption tax”) are included in the subsidy amount, the applicants shall be requested to submit a report after the settlement of tax amount, according to the granting guidelines.

This is so specified as to demand, at the time of filing an income tax return, that subsidized project operating entities should report and return the amount to which the subsidy has been applied, out of the amount of deduction for taxable purchase, so that the amount for which the subsidy has been allocated out of the amount of deduction for taxable purchase shall not be detained.

However, because the report mentioned above is based on an income tax return that will be filed after the settlement of the subsidy, occasional delinquency in reporting due to lapse of memory has been found. Also, in order to avoid the complicated office procedures that need to be followed by subsidized project operating entities, the consumption tax shall be handled as follows.

When determining the amount of subsidy applied for in the grant application, the consumption tax must be excluded from the expenses covered by the subsidy before calculating the subsidy amount and submitting the application.

However, to avoid hindrance to the implementation of the subsidized project, such subsidized project operating entities as those listed below shall be permitted to include the consumption tax in the expenses covered by the subsidy when calculating the amount of subsidy.

- [1] Subsidized project operating entities who are not classified as taxpayers under the Consumption Tax Act
- [2] Subsidized project operating entities who are tax-exempt business entities
- [3] Subsidized project operating entities who are business providers subject to simplified tax
- [4] National or local governments (limited to cases when project is conducted with a special account), or subsidized project operating entities who are corporations listed in the attached Table 3.
- [5] Subsidized project operating entities who are using the general account of a national or local government
- [6] Subsidized project operating entities who are taxable business providers that choose a refund of consumption tax, following confirmation of consumption tax and purchase tax deductions, for instance due to a low amount of taxable sales

## 11. Miscellaneous

- (1) Any expenses incurred before the date when the decision on grant of the subsidy is made (including expenses for order placement) shall not be covered by the subsidy program.
- (2) In the event that the subsidized project operating entity desires to make a purchase or other contract related to material procurement or involving an occurrence of cost, it shall invite open competitive bidding, as a general rule, from the viewpoint of cost effectiveness. If the subsidized project operating entity desires to outsource part of the subsidized project to a third party or conduct the project in partnership with a third party, it shall in advance make a contract on the implementation and report to PMO-D/CW .
- (3) Once informed that the decision on grant of the subsidy is made, the subsidized project operating entity shall not change the subsidy budget distribution or the details of the subsidized project nor interrupt or terminate the project without prior approval from PMO-D/CW.
- (4) The subsidized project operating entity shall promptly report the progress of the subsidized project whenever required to do so by PMO-D/CW.
- (5) After the subsidized project is completed (or the project termination is approved), the subsidized project operating entity shall submit a project result report to the Management Office for the Project of Decommissioning and Contaminated Water Management within 30 days from the date of completion or April 10<sup>th</sup> of the next fiscal year (FY 2015 or FY 2016), whichever is earlier.
- (6) The subsidized project operating entity shall keep accounts on any expenditures for the subsidized project with dedicated account books accompanied by all written evidences in a way that is clearly differentiated from the other accounting to ensure that all incomes and expenditures be meticulously accounted for. The entity shall maintain the account books at least five years after the fiscal year in which the date of completion (or the date of approval for termination) of the subsidized project is included so that they can be accessible whenever requested by PMO-D/CW .
- (7) With respect to the assets acquired or the utility of which has increased through the subsidized project (hereinafter referred to as "the Acquired Assets, etc."), the subsidized project operating entity shall manage them with due care of a prudent manager even after the completion of the subsidized project, and strive to effectively make use of them in accordance with the purpose of the grant of the subsidy. All applicable Acquired Assets, etc. shall be properly controlled using an Acquired Asset Ledger during the asset disposal restriction period, which will be separately set forth.
- (8) The subsidized project operating entity cannot dispose of (i.e., use, transfer, loan or offer as collateral assets contrary to the purpose of the grant of the subsidy) any Acquired Asset

having a unit price equal to or higher than 500 thousand yen (tax excluded) during the period separately set forth. However, the entity could dispose of an Acquired Asset only when it needs to do so and obtains prior approval. In this case, the entity shall pay part or the entire subsidy amount as a general rule. (The maximum payment does not exceed the subsidy amount for the appropriate asset to be disposed of).

(9) After the completion of the subsidized project, the Board of Audit may visit the premises of the subsidized project operating entity for inspection.

## 12. Contact

Shimbashi JB Building 5th Floor, 9-5, Shimbashi 6-chome Minato-ku, Tokyo 105-0004,  
Japan

Responsible personnel: Dr. Sato, Mr. Kondoh

Management Office for the Project of Decommissioning and Contaminated Water  
Management

Mitsubishi Research Institute, Inc.

Phone: 03-5425-2871, Fax: 03-3578-7025

E-mail: [tritium@mri.co.jp](mailto:tritium@mri.co.jp)

Contact us through e-mail or fax. We regret that no inquiries will be accepted via telephone.

(Form 1)

Entry No. * Not to be filled in by the applicant	
---	--

Management Office for the Project of Decommissioning and Contaminated Water Management

Application for subsidies for the “Verification of technologies for contaminated water management project” in the FY2013 Supplementary Budget

(Demonstration Project for Verification Tests of Tritium Separation Technologies)

Applicant	Company/Organization Name		
	Representative (Full Name and Title)		Seal or Signature
	Address		
Contact	Contact Person (Full Name)		
	Section/Department		
	Title		
	Telephone (Extension, if any)		
	E-mail		

(Form 2)

Entry No. * Not to be filled in by the applicant	
---	--

Plan Proposal for subsidies for the “Verification of technologies for contaminated water management project” in the FY2013 Supplementary Budget  
(Demonstration Project for Verification Tests of Tritium Separation Technologies)

<b>1. Project purpose, details and implementation method</b>
<ul style="list-style-type: none"><li>* State your understanding about the background of this project and the purpose of the project.</li><li>* State your concrete proposal for enhancing the performance of the project.</li><li>* State the concrete implementation method and its details for each of the items listed in Section 2 "RFP Topics" of the subsidy application procedure according to the description in Exhibit 1.</li><li>* State the conformity to the basic conditions and to the items with additional points described in Exhibit 1 so that they are easier to understand.</li></ul> <p>In preparing necessary documents, please refer to the Technology Readiness Level (TRL) of NASA, as a reference. <a href="http://www.nasa.gov/content/technology-readiness-level/#.UyIYoON_u3J">http://www.nasa.gov/content/technology-readiness-level/#.UyIYoON_u3J</a></p>
<b>2. Project Implementation Plan</b>
<ul style="list-style-type: none"><li>* State your implementation schedule (with monthly basis) for each of the items listed in Section 2 "Project Description" of the subsidy application procedure.</li><li>* State the concrete implementation procedure.</li><li>* Establish and state concrete milestone targets to achieve the purpose of the project implementation.</li><li>* You will be required to make reports at quasi-quarterly progress meetings held by PMO-D/CW.</li></ul>
<b>3. Project Implementation Scheme</b>
<ul style="list-style-type: none"><li>* Provide a diagram of your project implementation scheme and state the number of persons engaged in the scheme and their roles.</li><li>* List the top project manager and those involved in the leadership of the project including their brief personal history, specialized field and track record of similar projects.</li><li>* Description of outsourcing, if scheduled</li></ul>



4. Track Record of Other Projects
<p>* State your organization's track record of similar projects. Include the following items:</p> <ul style="list-style-type: none"> <li>• Project name, project overview, fiscal year(s) of the project, project owner (if it is your own project, state so).</li> </ul> <p>* List major full-time personnel solely committed to this project including their specialized field and track record of similar projects (those listed in item 3 above to be excluded).</p>
5. Financial Basis and Management System
<p>* State your fiscal condition as a necessary financial basis for smoothly implementing this project, and your adequate system (persons in charge of and their role) for financial management (filing and storing of written evidences for expenditures).</p>
6. Total Project Cost (in units of thousand yen)
<p>*State necessary expenses according to 10. (1) "Expenditure Classification" of the subsidy application procedure. Note that the expense items listed below are only provided as examples.</p>
I. Labor cost
II. Operating cost
[1] Design, manufacturing and processing
[2] Consumables
[3] Travel
[4] Reward
[5] Outsourcing
Total      thousand yen (※ The total amount must not exceed the upper limit of the subsidy).

(Note) Each expense item shall show the amount with consumption tax or local consumption tax not included.

(Other documents)

[1] Corporate and organization data (i.e. the name, address, foundation date, major business areas, organization chart and number of employees)

[2] The financial results and statement of revenues and expenses (for the past one year).

[3] The articles of association or the act of endowment

[4] Other support documents (as required)