

No.12040/24/2013-FTC (Trg.)
Government of India
Ministry of Personnel, Personnel Grievances and Pensions
Department of Personnel and Training
(Training Division)

Block-4, Old JNU Campus
New Mehrauli Road, New Delhi-67
Dated- 14.05.2013

TRAINING CIRCULAR

Subject: Group Training Course in Sewage Works engineering and Storm water Drainage Technology to be held from July, 2013 to June, 2014 (Core Phase of the programme to be held in Japan from September 23, 2013 to December 07, 2013)

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) under the Technical Cooperation of the Government of Japan has invited applications for the above mentioned programme to be held in Japan as per the above schedule.

2. The programme aims at achieving consensus for challenges on sewerage works engineering and storm water drainage among the related persons, clarifying the points on implementing projects and business for the solution. The overall goal of the programme is to improve the storm water drainage system and to contribute for the improvement of public sanitation and also the reduction of damages from flooding.

3. The expected nominees should be senior technical officers and be currently engaged in sewage works and/or storm water drainage in central or local governments or government related organization with more than three years of experience. In addition to this, the nominee should:

- be a university graduate or have equivalent technical qualifications in the field or sewage works and/or storm water drainage,
- have sufficient command of discussing and making presentation in English (with an official certificate for English ability which should be equal TOEIC or TOEFL),
- be in good health, both physically and mentally,
- not be a part of military service,

4. **The course covers**

- the cost of a round-trip air ticket between international airport designated by JICA,
- travel insurance from the time of arrival in Japan to departure from Japan,
- allowances for (accommodation, living expenses, outfit and shipping),
- expenses for JICA study tours and free medical care for participants who may fall ill after reaching Japan (costs relating to pre-existing illness, pregnancy, or dental treatment are not included)

...2/-

In addition to the pre-page, the following information in respect of the nominated officers please be mentioned while furnishing the nomination:

- a) Whether attended any foreign training programme in the past? If so, the duration/detail thereof;
- b) Whether clear from vigilance angle?
- c) Age;
- d) Whether working in North East State/J&K;
- e) A brief in 50-100 words justifying the nomination.

It is requested that the nomination of suitable candidates may please be forwarded (in cate) in JICA's prescribed form (available in persmin.nic.in→DOPT→Training;→Circular→JICA) to this Department duly authenticated by the concerned department in dance with the eligibility criteria.

The applications should reach this Department through the Administrative Ministry/State rnement not later than **July 10th, 2013**. Nominations received after the prescribed date will e considered. The details of the programme and the application form may be drawn from stry of Personnel, Public Grievances and Pensions website (persmin.nic.in).


(N.K. Wadhwa)

Under Secretary to the Government of India
Tele.No.011-26165682
E-mail-ID naresh.wadhwa@nic.in

y to:

-) The Secretary, Ministry of Urban Development, Nirman Bhawan, New Delhi,
-) The Secretary, Ministry of Water Resources, Sharm Shakti Bhawan, New Delhi,
-) All State Governments/Union Territories(with request to circulate the same amongst their related Departments/Organizations)
- l) NIC with request to post the circular along with the JICA's circular and the enclosed application Proforma on this Department's website.



TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

**SEWAGE WORKS ENGINEERING AND
STORMWATER DRAINAGE TECHNOLOGY**

集團研修「下水道技術・都市排水」

JFY 2013

<Type: Solution Creation / 類型：課題解決促進型>

NO. J1300759 / ID. 1380779

Phases in Japan : From 23 September, 2013 to 7 December, 2013

This information pertains to one of the Training and Dialogue Programs of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

I. Concept

Background

Water quality management is urgently required, as the amount of water usage in the cities of economically developing countries, in parallel to its population, increases. Insufficient numbers of wastewater treatment facilities, as well as the lack of capacity for maintaining those facilities, have caused serious water pollution in those countries. In addition, rapid urbanization accelerating the reduction of stormwater permeable area due to the expansion of cities has induced frequent flooding. The importance of sewage works also as stormwater drainage system is widely recognized.

Therefore, water quality management is a fundamental issue for sustainable development, and providing safe water, access to public sanitation facilities and flood control is globally required. For this purpose, comprehensive sewerage systems and stormwater drainage systems are broadly required, as well as the integrated effective measures, rational planning, implementation and management of the project.

For what?

This course aims at achieving consensus for challenges on sewerage works engineering and stormwater drainage among the related persons, clarifying the points on implementing projects and business for the solution.

For whom?

This course is offered to the departments of central or local governments, municipalities or public institutions related to wastewater treatment, sewage works, and stormwater drainage.

II. Description

1. Title (J-No.): **SEWAGE WORKS ENGINEERING AND STORMWATER DRAINAGE TECHNOLOGY (J13-00759)**

2. Period of program

Duration of whole program: July 2013 to June 2014

Preliminary Phase: July 2013 to September 2013

(in a participant's home country)

Core Phase in Japan: 23rd September 2013 to 7th December 2013

Finalization Phase: December 2013 to June 2014

(in a participant's home country)

3. Target Regions or Countries:

Albania, Algeria, Brazil, China, Fiji, India, Indonesia, Kenya, Lebanon, Liberia, Morocco, Myanmar, Pakistan, Peru, Philippines, Serbia, South Africa, Sudan, Zimbabwe

4. Overall Goal:

Capacity of engineers involved in planning, implementing and operating of sewerage and/or stormwater drainage system to be enhanced, and to contribute for the improvement of public sanitation and the reduction of damages from flooding.

5. Objective:

To achieve consensus on issues related to sewerage technology and urban stormwater drainage among the countries participating in the training course, and clarify the essential points to solve these issues.

6. Eligible / Target Organization :

Central or local governments, municipalities or public institutions related to wastewater treatment, sewage works, and stormwater drainage

7. Total Number of Participants : 20

8. Language to be used in this training course : English

9. Contents: This program consists of the following components. Details on each component are given below:

<Preliminary Phase in a participant's home country> (July 2013 to September 2013) <i>Participating organizations make required preparation for the Program in the respective countries.</i>	
Expected Module	Output
Activities	
Country Report	i) Formulation and submission of the Country Report (including an executive summary) with the Application form by 26th July, 2013 (See ANNEX 1)

	ii) Preparation of presentation on Country Report by the date of arrival in Japan
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<p><Core Phase in Japan^{※1}> (23rd September 2013 to 7th December 2013) <i>Participant dispatched by the organizations attend the Program in Japan.</i></p>		
Expected Module Output	Program	Method
(1) To understand the basic knowledge on sewage works and urban stormwater drainage, and be able to explain sewerage facility planning including the processes and methods for design, construction and management.	Basic knowledge	Lecture
	Planning and Designing	Lecture, Practice
	Operation and Maintenance	Lecture, Site observation
	Urban Stormwater Drainage System	Lecture, Site observation
	Environmental Protection Measures	Lecture
(2) To be able to plan, design and analyze sewerage facilities through practical training.	Sewage System Management	Lecture, Site observation
(3) To identify issues and challenges in participants' own countries and formulate an improvement plan through guidance and discussions, in which participants will also acquire presentation skill.	Country Report Presentation	Presentation
	Improvement Plan (Case Study) ^{※2} Formulation	Discussion
	Improvement Plan (Case Study) Presentation	Presentation

※1 Detail of the contents during the Core Phase is shown in ANNEX 2.

※2 Each participant is expected to make an Improvement Plan (Case Study) based on the knowledge/skill which each participant has obtained through this training course. The plan should be focused on the contribution of the participant to promote better sewage works or stormwater drainage system in each organization.

<p><Finalization Phase in a participant's home country> (December 2013 – June 2014) <i>Participants will present their Improvement Plan to their organizations, and revise the Plan with the feedback comment.</i> <i>This phase marks the end of the Program.</i></p>	
Expected Module Output	Activities
(4) To achieve consensus for challenges on sewage and/or stormwater drainage works among the related persons by presentation of the improvement plan.	i) Each participant is required to make a presentation of his/her Improvement Plan in his/her organization and to clarify the issues on implementing the Plan and business for the solution.
	ii) Each participant is required to add any