

F.No. 34/18/2008-EO(F)
Government of India
Ministry of Personnel, P.G. and Pensions
(Department of Personnel and Training)

New Delhi, the 13 March, 2008.

Subject: A Group Training Course in Hydro-Electric Power Engineering for Stable and Sustainable Supply to be held in Japan from 8th June, 2008 to 16th July, 2008.

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) under the Technical Cooperation Programme of the Government of Japan has invited applications for a Group Training Course in Hydro-Electric Power Engineering for Stable and Sustainable Supply to be held in Japan from 8th June, 2008 to 16th July, 2008. The details of the programme and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website (www.persmin.nic.in). There are 08 slots available globally.

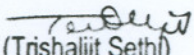
2. The course is meant for Civil Engineers in charge of planning, construction and maintenance of hydro-power sector in Governmental agencies or power companies responsible for hydro-power development and those currently in or expected to be, in the near future, posted to the managerial position. The applicant should have a minimum of 5 years of practical experience in the fields of hydro power engineering. He/She should be 30-50 years of age, be in good health, both physically and mentally, to undergo the training, be able to communicate in English and not be serving in the military.

3. The purpose of this group training is to promote the development, operation, and maintenance of effective and environment-friendly hydro-electric power facilities. It is also envisioned that the programme would serve the cause of mutual collaboration among participating countries and Japan in the area of knowledge sharing.

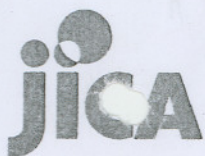
4. The fellowship award covers a Round-trip air ticket between an international airport designated by JICA and Japan, Allowances for (accommodation, living expenses, outfits and shipping), expenses for JICA study tours, free medical care for participants who may fall ill after reaching Japan and expenses for programme implementation including materials.

5. The nomination details should be submitted in the JICA's prescribed proforma(A2A3) duly authenticated by the Department concerned. The application forms should be routed through the concerned Ministries/Departments/State Governments and it should also be certified by the Competent Authority that the institution is a Government institution.

6. The applications should reach the Department not later than 11th April, 2008. Nominations received after the prescribed date will not be considered. The circular inviting applications for training course is available on this Department's website (www.persmin.nic.in).


(Trishaljit Sethi)
Director

1. M/o Power, Shram Shakti Bhavan, New Delhi-110001.
2. M/o Water Resources, Shram Shakti Bhavan, new Delhi-110001.
3. All the State Governments/Union Territories.
4. Director(Technical), NIC with the request to post the circular along with the JICA's circular on the Department's website.



S. NO 109

For a better tomorrow for all.

Japan International Cooperation Agency
(Government of Japan)

No. 15/GT-CP/2008

5th March, 2008

Dear Ms. Arun Prabha,

A Group Training Course in Hydro-Electric Power Engineering for Stable and Sustainable Supply will be held in Japan from 8th June, 2008 to 16th July, 2008, under the Technical Cooperation Programme of the Government of Japan.

We are forwarding herewith six copies of the General Information Booklet on the above offer. It is requested that the following documents of the selected candidate may please be submitted to this office by **21st April, 2008:-**

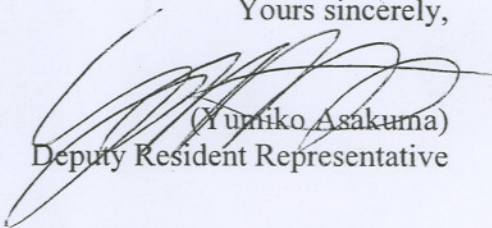
- (1) The Nomination Form A2A3 together with the medical history questionnaire,
- (2) The desired Country Report

Further details are available in the General Information Booklet. It may be noted that the completed Country Report is essential for screening of applications.

It is further informed that 8 slots are available globally for the said course and it would be much appreciated if you could take further necessary action and submit the nomination(s) of suitable candidate(s) to this office by the designated date.

With regards,

Yours sincerely,


(Yumiko Asakuma)
Deputy Resident Representative

Encl: As stated above.

Ms. Arun Prabha
Under Secretary (PSE and Trg.)
Department of Economic Affairs
Ministry of Finance
North Block
New Delhi

Copy to:-

Mr. R.K. Kharb, Section Officer, Department of Personnel and Training, Ministry of Personnel, Public Grievances and Pensions, North Block New Delhi.

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TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

Hydro-Electric Power Engineering
for Stable and Sustainable Supply

集団研修：安定供給型水力発電
JFY 2008

NO. J08-00654

From June 8, 2008 to July 16, 2008

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.

Preface

Since its establishment, the Japan International Cooperation Agency (JICA) has been facilitating development of various capacities in partner countries as one of implementing bodies of the official development assistance program of the Government of Japan.

While JICA organize a variety of technical cooperation programs, its training and dialogue programs offer opportunities to those organizations of partner countries which intend to enhance knowledge or skill of key personnel with strategic assignments or trainers who would train others. Besides those human capacities development, the program could meet needs of those organizations which intend to enhance their own organizational capacities through improvement of rules and regulation as well as social capacities through reform of policies and institutions under their jurisdiction.

In each program, participants dispatched by their respective organizations would be exposed to practical knowledge and experiences of leading organizations and individuals in Japan through a series of lectures, workshops and sight visits. They also have a chance to share knowledge and experiences with participants from other countries. As a result, each organization is expected to acquire or create knowledge which would be subsequently put into its own contexts to achieve a specific objective.

This program is offered to those organizations which intend to enhance their technical / management capabilities in the field of hydro-electric power generation.

Participants shall have opportunities in Japan to gain deeper insights into efficient use of hydro power resources as well as to formulate improvement plans for their hydro power stations among others. It is also envisioned that the program would serve the cause of mutual collaboration among participating countries and Japan in the area of knowledge sharing.

I. ESSENTIAL FACTS

Course Title (No.)	Hydro-Electric Power Engineering for Stable and Sustainable Supply (J08-00654)
Target Organizations and Personnel	Civil Engineers working for the government agencies or the electric power utilities which are charged with the development of hydropower generation
Purpose	To promote the development, operation, and maintenance of effective and environment-friendly hydro-electric power facilities.
OUTPUTS /OBJECTIVES	<ol style="list-style-type: none"> 1. To be able to point out problems of the participant's country/office through the understanding of the hydropower generation technology in Japan and the comparison. 2. To be able to draw up a feasible action plan for the issues of the participant's country/office clarified through the country reports and training (at the end of the Core Phase) 3. To draw up a follow-up report (within 2 months after returning home)
Contents	<ol style="list-style-type: none"> 1. Lectures 2. Observations 3. Country Reports 4. Action Plans
Number of Participants	8
Language	English
Duration of the Course	June 8, 2008 – July 16, 2008
Implementing Organizations	<ol style="list-style-type: none"> 1. JICA Tokyo 2. Japan Electric Power Information Center (JEPIC) 3. Electric Power Development Co., Ltd. (J-Power)
Deadline for Application	<p>April 21, 2008 for acceptance at JICA office (or Embassy of Japan)</p> <p>Submission: (1) A2A3 form (2) Country Report (E-mailed to jicatic-jice@jica.go.jp, Attn: Akiko Okabe, and the title of the E-mail should be as follows: Country Report for J08-00706 “Hydro-Electric Power Engineering for Stable and Sustainable Supply for Civil Engineers”)</p>
Deadline for Acceptance Notice	May 9, 2008

II. DETAILS

	COURSE TITLE	Hydro-Electric Power Engineering for Stable and Sustainable Supply (for civil engineers)
	COURSE NO.	J08-00654
1.	BACKGROUND	<p>Hydropower plants are operable for a long time if properly planned and constructed, and rightly operated and maintained since there has been little change in fundamental power generation system and equipment. Hydropower generation also draws much attention from the general public as the source of “clean”, environmentally friendly and renewable energy.</p> <p>It is conceivable also in developing countries that a steady development will be implemented in the field of hydropower generation from the viewpoint of effective use of domestic resources. In developing countries, however, the developed amounts are low at present compared with economically developable potential water power and that hydraulic engineers’ level is insufficient. The development of hydropower generation and fostering of engineers are important and also indispensable issues for implementing the development of hydropower resources.</p> <p>What is expected of hydropower generation is advanced and diversified such as not only the conventional role of the base power source to meet the increasing power demands but also the readiness, system stability function using load adjustment function, and effective operation. Not only the knowledge of hydropower generation itself but also that of power supply including systems are necessary to flexibly cope with the advancement and diversification. Recently emphasized are electric power development to meet the future increase in power demand due to economic growth in developing countries and infrastructure development eyeing regional electrification, but the present situation in developing countries is the progress of the operation of increase in already-constructed facilities, complication of maintenance, and aging facilities. The knowledge of advanced operation and maintenance is required because operation and maintenance involves difficulty as hydropower stations are consequently built in remote areas and because improper operation may cause a long-term power cut.</p>
2.	TARGET ORGANIZATIONS and PERSONNEL	<u>Civil Engineers</u> working for the government agencies or the electric power utilities which are charged with the development of hydropower generation
3.	OUTCOME/PURPOSE	To promote the development, operation, and maintenance of effective and environment-friendly hydropower facilities.

4.	OUTPUTS/OBJECTIVES	<ol style="list-style-type: none"> 1. To be able to point out problems of the participant's country/office through the understanding of the hydropower generation technology in Japan and the comparison. 2. To be able to draw up a feasible action plan for the issues of the participant's country/office clarified through the country reports and training (at the end of the Core Phase) 3. To draw up a follow-up report (within 2 months after returning home.)
5.	ACTIVITIES 【PRELIMINARY PHASE】	<p>〈Activities〉 Preparation of a Country Report (The form and items to be covered are provided in the ANNEX 3) Before coming to Japan, participants are required to write a country report in order to make it easy to develop mutual discussions, which are scheduled for the Country Report Presentation Session. The country report should be sent to the JICA Tokyo by April 21, 2008 by e-mail. E-mail: jicatic-jice@jica.go.jp. Attn: Akiko Okabe Re: Country Report for J08-00706 "Hydro-Electric Power Engineering for Stable and Sustainable Supply for Civil Engineers"</p> <p>Each participant will be given 20 minutes for his/her presentation and 10 minutes for questions and answers. At this time, an OHP and PowerPoint 2000 are available to assist in giving the presentation.</p>
	【CORE PHASE (conducted in Japan)】	<p>〈Duration〉 June 8, 2008 – July 16, 2008</p> <p>〈Activities〉 See ANNEX 1 MODULE and ANNEX 2 TRAINING PROGRAM (Contents of the Core Phase in Japan) (Note: The training program is subject to minor changes.)</p> <p>Preparation of an Action Plan (See ANNEX 4 ACTION PLAN(example)) This training is categorized as "Training for Problem Solving", therefore, as a tool for problem-solving, JICA would ask participants to write an action plan and make a presentation at the end of the training in Japan. The action plan needs to satisfy the following requirements: <ol style="list-style-type: none"> 1) The action plan should be based on the knowledge and experience obtained through the training. 2) The action plan should be designed to resolve the problems faced by the participants' offices, organizations or participants themselves. 3) The action plan and its execution should be reviewed by the supervisor(s) of the participants after returning home. </p>

	【FINAL PHASE】	<p>〈Activities〉</p> <p>Preparation of a Follow-up Report</p> <p>After going back to home countries, participants are required to present to the colleagues and the managers of the participant's organization the Action Plan, which will be prepared by each participant during the core phase of the course. Upon sharing the content of the Action Plan, each participant will write a follow-up report, receive the supervisor's comments on what he/she writes, and will e-mail to JICA Tokyo by September 17, 2008.</p> <p>E-mail: Ishizuki.Fumiaki@jica.go.jp Re: Follow-up Report for J08-00706 "Hydro-Electric Power Engineering for Stable and Sustainable Supply for Civil Engineers"</p>
6.	INPUTS 1) BY JAPAN (JICA)	<ol style="list-style-type: none"> 1. Round-trip ticket between an international airport designated by JICA and Japan. 2. Allowance (accommodation, living expenses, books, shipping) 3. Expenses for study tours Basically paid in the form of train ticket(s) or chartered bus 4. Free medical care for participants who become ill after arrival in Japan (costs related to pre-existing illness, pregnancy or dental treatment are not included) 5. Expenses for program implementation including materials <p>See the brochure, KENSHU-IN GUIDE BOOK p. 9-16, given to each selected candidate before (or at the time of) the pre-departure orientation.</p>
	2) BY THE GOVERNMENT OF THE PARTICIPATING COUNTRY/COUNTRIES	<p>The government of the participating country nominates and recommends an applicant(s) fulfilling the requirements described in the "8. 1) QUALIFICATIONS OF APPLICANTS" in accordance with the procedures mentioned in the "8. 2) PROCEDURE FOR APPLICATION".</p>
7.	ORGANIZATIONS 1) IMPLEMENTING ORGANIZATION 2) PARTNER ORGANIZATION	<p>Tokyo International Center (JICA TOKYO) Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan TEL: 81-3-3485-7051 FAX: 81-3-3485-7904 (81: country code for Japan, 3: area code)</p> <p>Japan Electric Power Information Center (JEPIC) Address: 15-33, Shibaura, 4-chome, Minato-ku, Tokyo, Japan TEL: 81-3-6361-8320 FAX: 81-3-3455-0994 (81: country code for Japan, 3: area code)</p> <p>Electric Power Development Co., Ltd (J-Power) Address: 15-1, Ginza, 6-chome, Chuo-ku, Tokyo 104-8165 TEL: 81-3-3546-9412 FAX: 81-3-3546-9533</p>
	3) ACCOMMODATION	<p>Tokyo International Center (JICA TOKYO) Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan TEL: 81-3-3485-7051 FAX: 81-3-3485-7904 (81: country code for Japan, 3: area code)</p> <p>JICA Tokyo Facilities Guide (pdf): http://www.jica.go.jp/english/contact/pdf/tic.pdf</p> <p>If no room is available at JICA TOKYO, JICA will arrange alternative accommodations for the participants.</p>

8.	<p>CONDITIONS AND PROCEDURE FOR APPLICATION</p> <p>1) QUALIFICATIONS OF APPLICANTS</p>	<ol style="list-style-type: none"> 1. Present position, assignment: <ul style="list-style-type: none"> - <u>civil engineers</u> in charge of planning, construction and maintenance of hydro-power sector in governmental agencies or power companies responsible for hydro-power development, and - those currently in or expected to be, in the near future, posted to the managerial position, 2. Occupational Background: <ul style="list-style-type: none"> - have a minimum of 5 years of practical experience in the field of hydro power engineering, and - expected to play a leading role for improving the hydro-power sector upon returning to the duties in home countries, 3. Age: 30-50 years of age, in principle, 4. Language: be able to communicate in English, 5. Health: <ul style="list-style-type: none"> be in good health, both physically and mentally, to participate in the core phase of training in Japan, 6. Not be serving in any form of military services, 7. Be nominated by his/her country's government in accordance with the procedures mentioned below.
	<p>2) PROCEDURE FOR APPLICATION</p>	<ol style="list-style-type: none"> 1. Governments desiring to nominate applicants for the Core phase in Japan should fill in and forward one (1) original copy of the Nomination Form (Form A2A3) with Country Report for each applicant, to a JICA office (or an Embassy of Japan) by April 21, 2008. 2. The JICA office (or Embassy of Japan) will inform the applying government of acceptance or non-acceptance of a nominee's application no later than May 9, 2008.
9.	<p>OTHER MATTERS:</p> <p>1) A PRE-DEPARTURE ORIENTATION</p>	<p>A pre-departure orientation will be held at JICA overseas offices (or Embassies of Japan) to provide the selected candidates with details on travel to Japan, conditions of the Core Phase in Japan, and other matters. Participants will see a video "Training in Japan," and receive a textbook and cassette tape, "Simple Conversation in Japanese." A brochure, the KENSHU-IN GUIDE BOOK, will be handed to each selected candidate before (or at the time of) the orientation.</p>

	<p>2) ATTENTION</p>	<p>Participants are required:</p> <ol style="list-style-type: none"> 1. not to change the subject of the Core Phase in Japan or extend the period of the Core Phase in Japan, 2. not to bring with them any members of their family, 3. to return to their home countries at the end of the Core Phase in Japan according to the international travel schedule designated by JICA, 4. to refrain from engaging in political activities or any form of employment for profit or gain, and 5. to observe the rules and regulations of their place of accommodation and not to change the accommodations designated by JICA. <p>(Participants who have successfully completed the Core Phase will be awarded a certificate by JICA.)</p>
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- ANNEX 1: Module**
- ANNEX 2: Training Program**
- ANNEX 3: Country Report (Format)**
- ANNEX 4: Action Plan (Example)**

ANNEX 1: MODULE

(Output) 1. To be able to point out problems of the participant's country/office through the understanding of the hydropower generation technology in Japan and the comparison.				
1. Goals				
Goal 1:	To acquire civil engineering technology related to hydropower development			
Goal 2:	To acquire knowledge on operation & maintenance of hydropower facilities (civil structures)			
Goal 3:	To acquire knowledge on life extension and environmental responsiveness of hydropower facilities			
Goal 4:	To acquire the applied technology of hydropower development (rural electrification, development of unutilized hydropower potential)			
Goal 5:	To understand the outline of electric power industry in Japan			
2. Curriculum structure for each goal				
Goal No.	Main training item	Training method	Hours	Training content
Goal 1	Design standard of hydropower facilities	Lecture	0.5 day	To introduce Japanese design standards for civil structures in hydropower facilities
Goal 1	Design and construction of dams	Lecture	0.5 day	To introduce points to notice in design and construction of typical dams
Goal 1	Geological survey and Evaluation	Lecture	1 day	To introduce points to notice in geological survey with examples after presenting basic knowledge of geological survey for hydropower projects
Goal 1	Hydropower facilities in Japan	Lecture	0.5 days	To introduce Japanese hydropower facilities with examples owned by J-POWER (Electric Power Development co., Ltd)
Goal 1	Evaluation of hydropower project	Lecture	1 day	To introduce planning & evaluation methods of hydropower project
Goal 1	Implementation procedure of hydropower development	Lecture	0.5 day	To introduce necessary governmental procedures for the construction of hydropower stations with Japanese examples
Goal 2	Dam simulator training	Lecture/ Practice	2 days	To simulate gate operation at dam simulator training institute of J-POWER
Goal 2	Planning theory of optimal use of reservoirs	Lecture	0.5 day	To introduce the basic part of the operation plan for the most effective power generation at reservoir-type hydropower project
Goal 2	Observation of hydropower facilities	Observation	6 days	To visit Okudadami Otori Power Station expanded with environmental consideration & the world's only seawater pumped storage station in Okinawa. (Also to visit the 2nd Okukiyotsu Power Station, large-scale pumped storage station, the Tenryu River Water System including Sakuma Power Station, and Ishikawa Coal-fired Power Station as the introduction of power source other than hydropower.
Goal 2	Practical central control of power stations	Lecture	0.25 day	To introduce actual central control for power stations of J-POWER
Goal 2	Outline of Central Load Dispatching Center	Observation	0.25 day	To visit Central Load Dispatching Center in the main office building of J-POWER

Goal 2	Operation & maintenance of hydropower station	Lecture	1.5 day	To introduce cases of operation & maintenance of hydropower stations of J-POWER
Goal 3	Deterioration analysis & life extension of hydropower facilities	Lecture	1 day	To introduce deterioration analysis methods/life-extension technology for hydropower facilities
Goal 3	Redevelopment of hydropower station	Lecture	0.5 day	To introduce domestic and overseas examples of expansion and rehabilitation of hydropower facilities as redevelopment projects
Goal 3	Environmental assessment of hydropower project	Lecture	0.5 day	To introduce examples of environmental assessment of for hydropower project
Goal 3	Environmental measures for design/construction aspects of civil structures	Lecture	0.5 day	To introduce Japanese examples of environmental measures in design/construction of civil structures
Goal 3	Environmental problems of hydropower development	Lecture	0.5 day	To introduce environmental problems experienced in hydropower projects of J-POWER
Goal 4	Development of unutilized hydropower potential	Lecture	0.5 day	To introduce examples of development of unutilized hydropower potential
Goal 4	Sustainable rural electrification	Lecture	1 day	To introduce cases of rural electrification at home and abroad and to show points to consider for sustainable rural electrification
Goal 5	Outline of electric power industry in Japan	Lecture/Observation	1 day	To introduce overall electric power industry in Japan such as electric power system, power demand and supply, electricity tariff, customer services, & power facilities, and to visit TEPCO Electric Energy Museum
Goal 5	Energy efficiency & conservation in Japan	Lecture	0.5 day	Energy situation, present situation, measures, and future direction of energy efficiency and conservation
Goal 5	Observation of factory for hydropower equipment	Lecture	1 day	To visit factory manufacturing hydropower equipment such as turbines, steel pipes, and gates

(Output) 2.			
To be able to draw up a feasible action plan for the issues of the participant's country/office clarified through the country reports and training (at the end of the Core Phase)			
Main training item	Training method	Hours	Training contents
Summary of training contents (Interim)	Lecture	0.5 day	Advice on the contents and direction of action plans prepared by participants
Summary of training contents (Final)	Lecture	1 day	Advice on the contents of action plans prepared by participants
Action-plan presentation (Final)	Lecture	1 day	Action-plan presentation by participants

ANNEX 2. TRAINING PROGRAM

DATE	PROGRAMME	VENUE	ACCOMODATION	
June 8 (Sun)	Arrival in Japan		JICA Tokyo	
June 9 (Mon)	Briefing	JICA Tokyo		
June 10 (Tue)	(Lecture)Outline of Electric Power Industry in Japan Program Orientation	JEPIC		
June 11 (Wed)	(L)Promotion of Energy Efficiency & Conservation in Japan (Observation)Tokyo Electric Power Company Proportional Representation	JEPIC		
June 12 (Thu)	Presentation of Country Report (L)Outline of Hydro-Power Facilities in Japan	J-Power		
June 13 (Fri)	(L)Implementation and Procedure of Hydropower Development (Case in Japan) (L)Typical Environmental Issues Brought by Hydropower Development (Case in Japan)	J-Power		
June 14 (Sat)	Day off			
June 15 (Sun)	Day off			
June 16 (Mon)	(L)Environmental Assessment of Hydropower Project (Contents of Environmental Assessment) (L)Environmental Measures in Civil Structure Design & Construction Works (Examples and Ideas of Works)	J-Power		
June 17 (Tue)	(L)Designing Standard of Hydropower Facilities (L)Design & Construction of Dam (Technique of Dam Design of Concrete Gravity and Rockfill Dam Execution of Construction and Construction Management)	J-Power		
June 18 (Wed)	(L)Rural Electrification Development	J-Power		JICA Tokyo
June 19 (Thu)	Move to Okinawa (O)Ishikawa Coal Thermal Power Plant in Okinawa	J-Power		Okinawa
June 20 (Fri)	(O)Okinawa Yanbaru SeaWater Pumped Storage Power Plant in Okinawa Move to Tokyo	J-Power		JICA Tokyo
June 21 (Sat)	Day off			
June 22 (Sun)	Day off			
June 23 (Mon)	(L)Geological Investigation & Evaluation Hydropower Projects	J-Power		

June 24 (Tue)	(L)Operation & Maintenance of Hydropower Facilities (1)	J-Power	
June 25 (Wed)	(L)Operation & Maintenance of Hydropower Facilities (2) (L)Introduction of Control Centers Works Concerning with Electric Works (O)Outline of Central Dispatch Center	J-Power	
June 26 (Thu)	(L)Evaluation for Deterioration of Hydropower Facilities (L)Life Prolonging of Hydropower Facilities	J-Power	
June 27 (Fri)	(L)Redevelopment of Hydropower plant (L)Hydropower Development Utilizing Unused Potential	J-Power	
June 28 (Sat)	Day off		
June 29 (Sun)	Day off		
June 30 (Mon)	Move to Sakuma (O)Outline of Hydropower plant of Tenryuu river system	J-Power	Shizuoka
July 1 (Tue)	(O)Outline of Sakuma Hydropower plant Move to Osaka	J-Power	Osaka
July 2 (Wed)	(O)Factory of Hydropower Equipments	JEPIC	
July 3 (Thu)	(L)Evaluation of Hydropower projects	J-Power	JICA Tokyo
July 4 (Fri)	(L)Theory of Optimum Operation Planning for Reservoir Preparation of Action Plan	J-Power	
July 5 (Sat)	Day off		JICA Tokyo
July 6 (Sun)	Day off		
July 7 (Mon)	Move to Niigata (O)Okutadami & Ootori Hydropower plants	J-Power	Niigata
July 8 (Tue)	(O)Okukiyotsu Hydropower plant Move to Tokyo	J-Power	
July 9 (Wed)	(L)Dam Operation Simulator Training	J-Power	
July 10 (Thu)	Outline of Chigasaki Research Institute		JICA Tokyo
July 11 (Fri)	Preparation of Action Plan	J-Power	
July 12 (Sat)	Day off		
July 13 (Sun)	Day off		
July 14 (Mon)	Presentation of Action Plan	J-Power	
July 15 (Tue)	Evaluation meeting Closing Ceremony	JICA,JEPIC J-Power	
July 16 (Wed)	Departure for home country		

ANNEX 3. COUNTRY REPORT (Format)

Country Report

1. Accidents, Problems, and Measures taken to solve them

Describe cases of accidents, current problems, and countermeasures that have been taken at your power plant.

Cases		Reasons and Measures taken to solve the problem
1		
2		
3		
4		

2. Participant's requests

Describe subjects you would like to study in the order of priority.

Priority	Item (Key Word)	Contents & Reasons
1		
2		
3		
4		
5		

3. Outline of electric power sector in your country

If you can bring any **annual reports or statistics papers** that include the data, you do not need to fill out tables as follows.

(1) Outline of Electric Power sector in your country

		2003	2004	2005	2006 (Planning)	2010 (prospect)
Type of power demand (GWh)	Household					
	Agricultural					
	Commercial					
	Industrial					
	Others					
Total						
Interchange of Electricity (GWh)	Import					
	Export					
Maximum load (MW)						
Annual load rate (%)						
Transmission/distribution loss (%)						
Power capacity (MW)	Hydro power	IPP				
		Others				
	Thermal power	IPP (Coal)				
		(Gas)				
		(Oil)				
		Others (Coal)				
		(Gas)				
		(Oil)				
	Nuclear					
	Wind					
	Geothermal					
Others						
Total						
Local electrified ratio (%)						
Gross generation cost (US cent / kWh)						

(2) Electric Power Systems

Legend
Thermal Power Plants
Hydroelectric Plants
Transmission Lines

ANNEX 4.

A C T I O N P L A N (example)

Date: 07.07.2008

Name: *****

Country: *****

Name of the Action Plan	Efficiency improvement of ABCD hydropower station	
The Problem to be solved	Water level of ABDC dam should be kept low to avoid a flood in rainy season. However there is a power supply problem when the water level is lowered too much and inflow is smaller than prior expectation.	
The Objective to be achieved	Establish river flow model of ABCD dam and improves the efficiency of ABCD hydropower station by utilization of river flow model.	
Activities and Schedule to achieve the objective	Activities and Schedule	Role of Participant
	<ol style="list-style-type: none"> 1. Install rain gauge and flow meter in the catchment area of ABCD dam and SCADA system (Jun 2007) 2. Collect rain fall, river flow and power station operation data (Jun 2009) 3. Coordination meeting with Ministry of Water Resources (Dec 2009) 4. Establish river flow and flood forecast model of ABCD dam and power station operation plan for maximum use of water resource (Jun 2010) 	<p>Design SCADA system and procurement</p> <p>Analysis of collected data</p> <p>Organize coordination meeting and explanation of improvement plan</p> <p>Establish ABCD dam model and confirmation of effectiveness of improved operation</p>
Implementing Agency	ABDC Hydro Energy Corporation	
Name of the National Policy / Plan related to the Action Plan	Water Resource Utilization Plan ABCD River System Development Plan	
Financial Source	Own fund of ABCD Hydro Energy Corporation and subsidy from the government	
Possible obstacles of the Action Plan (if any)	Conflict of interest between river water users (energy utility, water utility, fishermen's union, river transport union etc)	
Knowledge or experience acquired in Japan to achieve the objective	Information about the advanced dam simulator, SCADA system, integrated river system operation.	



CORRESPONDENCE

For enquires and further information, please contact the JICA office,
or the Embassy of Japan. Address any other correspondence to:

Tokyo International Center,
Japan International Cooperation Agency
(JICA TOKYO)

Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: 81-3-3485-7051 FAX: 81-3-3485-7904

Technical Cooperation by The Government of Japan

Training Award of Japan International Cooperation Agency (JICA)

Application by the Government of

.....
 for a training course in the field of

Please provide one original
 and three copies.
 Please print or type.

(FOR JAPANESE OFFICIAL USE)

- Ordinary Group Course (集団コース) Course No.
- Special Group Course (一般特設) Course No.
- Country-focused Group Course (国別特設) Course No.
- Counterpart (カウンターパート) 専門家名
- プロジェクト名
- Ordinary Individual Course (個別一般)
- Others (C.S, 特別案件等)

Recent photo

PART A To be completed by the nominee.

1 FULL NAME (as in Passport, underline Family Name)				
(Family)		(First)		(Middle)
2 ADDRESS FOR CORRESPONDENCE	4 DATE OF BIRTH			5 AGE
	Month	Date	Year	
Telephone :	6 SEX <input type="checkbox"/> MALE <input type="checkbox"/> FEMALE			
E-mail :				
3 NAME AND ADDRESS OF PERSON TO BE NOTIFIED IN CASE OF EMERGENCY	7 MARITAL STATUS <input type="checkbox"/> SINGLE <input type="checkbox"/> MARRIED			
	8 NATIONALITY			
	9 RELIGION			
Relationship to you:				
Telephone:				

10 EDUCATIONAL RECORD

Institution	City/Country	Years Attended		Qualification Obtained	Subject
		From	To		

11 TRAINING OR STUDY IN FOREIGN COUNTRIES (in relation to professional interests.)

Institution	City/Country	Period		Certificate/ Degree Awarded	Field of Study
		From	To		

12 EMPLOYMENT RECORD

1) Present Place of Employment

Name	Title of Present Job
	Date of Taking Up Post
Address	Type of Organization
	<input type="checkbox"/> Governmental/Public <input type="checkbox"/> Private <input type="checkbox"/> International <input type="checkbox"/> Others
Telephone:	
Telex/Fax:	

2) Previous Job

Name and Address of Organization	Description of Your Previous Job
Previous Title/Post and Dates(from/to)	

3) Describe briefly the work of your organization and the service it provides.

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4) Describe your own job.

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5) Explain how the proposed training will be of benefit to you in the work you will be doing on your return.

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13 LANGUAGE PROFICIENCY

1. English				
Listening	<input type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair	<input type="checkbox"/> poor
Speaking	<input type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair	<input type="checkbox"/> poor
Writing/Reading	<input type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair	<input type="checkbox"/> poor
2. Mother Tongue				
3. Other Language.....				
	<input type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair	<input type="checkbox"/> poor

14 NOMINEE'S DECLARATION To be signed by the nominee.

I certify that the statements made by me in this form are true and correct to the best of my knowledge.

If accepted for a training award, I agree:

- (a) not to bring any member of my family.
- (b) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating Government and the Japanese Government in respect of this course of training.
- (c) to follow the course of study or training, and abide by the rules of the institution or establishments with which I undertake to study or train.
- (d) to refrain from engaging in political activities, or any form of employment for profit or gain.
- (e) to submit any progress report or evaluation questionnaires which may be prescribed.
- (f) to return to my home country at the end of my course of study or training.

I also fully understand that if granted a training award it may be subsequently withdrawn if I fail to make adequate progress, or for other sufficient cause including physical conditions determined by the Government of Japan.

Date: Signature:

PART B To be completed by nominee's Director or Head of Department.

OBSERVATIONS OF NOMINATING ORGANIZATION

1 Describe what work the nominee will be expected to do on his return.

.....

.....

.....

2 Explain how the proposed training will be of benefit to the work of your organization.

.....

.....

.....

3 (For Non-Group Training only)

Describe:

1) Subject area of the training required.

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.....
.....
.....
.....

2) Special subjects which are particularly important and should be included in the training program (continue on an additional sheet if necessary).

.....
.....
.....
.....
.....

3) Period of training required (from/to).

.....

4) Notice required before nominee can be released from present post.

.....

PART C To be completed and signed by a responsible government official.

OFFICIAL NOMINATION

I certify that:

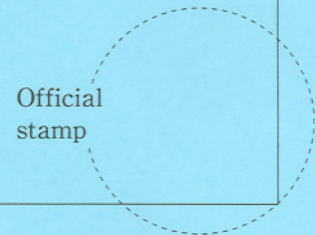
I have examined the documents in this form and I am satisfied that they are authentic and relate to the nominee.

I accordingly nominate this person on behalf of the
Government of

Date: Signature:

Position: Name:.....

Organization:



MEDICAL HISTORY AND EXAMINATION FOR JICA TRAINING AWARD

MEDICAL HISTORY TO BE COMPLETED BY NOMINEE			
1 NAME OF NOMINEE(last name, first name, middle name)			
2 DATE OF BIRTH (mo/day/yr)	3 NATIONALITY	4 SEX _____ male _____ female	5 ADDRESS FOR CONTACT
6 NAME OF TRAINING COURSE/SEMINAR _____			
7 LENGTH OF TRAINING COURSE/SEMINAR (weeks, months) _____			

8 IMPORTANT NOTICE

Before you complete the Medical History Questionnaire, you are hereby notified that:

A medical condition resulting from an undisclosed pre-existing condition may not be financially compensated for by JICA and may result in termination of your training program.

I understand and accept the terms of this notice. _____ Yes _____ No

9 NOMINEE WILL CHECK "YES" OR "NO" AND EXPLAIN

	YES	NO		EXPLANATION
a.			Have you had any significant or serious illness or injury? (If hospitalized, give place & dates.)	
b.			Have you had any operations or advice by a physician to have an operation? (Give place & dates.)	
c.			Do you currently use any drugs for treatment of a medial condition? (Give name & dose.)	
d.			Have you ever been a patient in a mental hospital or sanitarium or treated by a Psychiatrist? (Give place & dates.)	

10 NOMINEE WILL INDICATE "YES" OR "NO" TO EACH ITEM

DO YOU NOW HAVE OR HAVE YOU EVER HAD THE CONDITIONS LISTED BELOW?

(Check each item, if yes, enclose the relevant condition with a circle.)

	YES	NO	CONDITION
a.			Asthma, emphysema, or other lung conditions
b.			Tuberculosis or live with anyone who has tuberculosis
c.			High blood pressure, heart disease
d.			Stomach, liver (hepatitis), gall bladder disease
e.			Kidney or bladder disease, stone or blood in urine
f.			Diabetes (sugar in the urine)
g.			Depression, excess worry, attempted suicide, or other psychological symptoms
h.			Acquired Immune Deficiency Syndrome (AIDS)
i.			Tumor, abnormal growth, cyst, or cancer
j.			Bleeding disorder, blood disease (sickle cell anemia)

I CERTIFY THAT I HAVE READ THE ABOVE INSTRUCTIONS AND ANSWERED ALL QUESTIONS TRULY AND COMPLETELY TO THE BEST OF MY KNOWLEDGE.

11 PRINTED NAME OF NOMINEE	12 DATE	13 SIGNATURE OF NOMINEE