

**GOVERNMENT OF PAKISTAN
Ministry of Economic Affairs
Economic Affairs Division**

No.3(31)/EA/China-II/2023

Islamabad, the 07th July, 2023

OFFICE MEMORANDUM

SUBJECT: 2023 MULTILATERAL SEMINAR ON DEVELOPMENT AND MANAGEMENT OF OIL AND GAS RESOURCES FOR DEVELOPING COUNTRIES FROM 08TH – 28TH SEPTEMBER, 2023 IN CHINA (04 SLOTS)

The undersigned is directed to state that Government of People's Republic of China has offered fully funded Seminar on Development and Management of Oil and Gas Resources for Developing Countries from 08th – 28th September, 2023. The Government of Pakistan will not be liable for any cost. The course contents along with other relevant information are enclosed. The requisite qualification and general requirements are as under:-

1. Eligibility Criteria

- Officers (**BS-17 & above**) of Ministries / Divisions / Attached Departments and Provincial Governments most relevant to the training programmes.
- Proficiency in English.
- Under 45 for officials at or under director's level and under 50 for officials at director general's level.
- Contract Employees are not eligible

2. Documents Required

The following documents (**02 sets of each**) are required to be sent alongwith the nomination:

- Application Form
- Information Form duly filled in by the nominee.
- FTC Proforma.
- Copy of CNIC
- Copy of Passport at least six months of remaining validity and blank visa pages
- Medical Certificate (Foreigner Physical Examination Form)
- Surety Bond
- Undertaking
- Copy of Covid-19 Full Vaccination Certificate
- No criminal record / Police character certificate attested by Ministry of Foreign Affairs of Pakistan

3. Nominations of suitable candidates fulfilling the eligibility criteria duly approved by the competent authority shall be forwarded to this Ministry by **1st August, 2023 positively**. Following points must be considered while nominating the candidates:

- a. Most relevant candidates should be nominated for the subject training programmes.
- b. Nomination of candidates should reach MoEA before the deadline. Late arrival of nomination after the EADs' deadline will not be entertained.
- c. Nomination papers complete in all respect may be forwarded to MoEA through proper channel i.e. through their respective Administrative Ministry / Division/ P&D Department.
- d. For further details / information / forms / FTC proforma EAD's website: www.ead.gov.pk may be visited.

4. In order to avail all trainings, it must be ensured that suitable nominations along with complete documents shall be provided by the deadline.

Pirah Aftab
(Pirah Aftab)

Section Officer (China-II)
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Distribution

F.No.3(31) EA/China-II/2023

1. **Secretary**, Ministry of Energy, Government of Pakistan, Islamabad.
2. **Secretary**, Ministry of Maritime Affairs, Government of Pakistan, Islamabad.
3. **Secretary**, Ministry of Planning, Development & Special Initiatives, Government of Pakistan, Islamabad.
4. **Chairman**, Higher Education Commission, H-9, Government of Pakistan, Islamabad.
5. **All JSs/Sr.JSs**, Ministry of Economic Affairs, Islamabad (with the request to forward the nomination of suitable officers from their respective wings)
6. **Chairman**, P&D Board, Government of Punjab, Lahore.
7. **Chairman**, P&D Board, Govt. of Sindh, Karachi.
8. **Additional Chief Secretary**, P&D Department, Govt. of KPK, Peshawar.
9. **Additional Chief Secretary**, P&D Department, Govt. of Balochistan, Quetta.
10. **Additional Chief Secretary**, P&D Department, Govt. of AJK, Muzaffarabad.
11. **Additional Chief Secretary**, P&D Department, Gilgit Baltistan, Gilgit.

Seminar on the Development and Management of Oil and Gas Resources

Project Overview

Project Name	Seminar on the Development and Management of Oil and Gas Resources		
Organized by	Development and Research Center of China Geological Survey		
Period:	Sept. 8 to Sept. 28, 2023	Language	English
Mode	Training in China		
Countries to attend	Developing countries	Planned number of attendees	25
Objectives	This seminar serves to introduce China's management modes regarding oil and gas resources, including policies, regulations, development planning and application methods of oil and gas blocks, as well as drilling engineering technology, geophysical technology and oil pipeline safety technology in oil and gas resources exploration and development. China's management experience, methods and technologies may be of reference significance to developing countries' management, exploration and development of oil resources.		
Requirements of Trainees	Professional background	--- Field or specialty: management of oil and gas resources, environmental protection, etc.; --- Post: Officials in energy resources, ecological environment, etc. Experts, scholars or technicians; - Grade, academic degree or other relevant qualification requirements: None - Working years in related fields: None - Priority qualification: None - Others	
	Age	Under 45 for officials at or under director's level; under 50 for officials at director general's level.	
	In good health	The candidates should be in good health, and provide health certificates or physical examination forms issued by local public hospitals. They should be free from diseases prohibited from entering China by Chinese laws and regulations, serious chronic diseases such as severe hypertension, cardiovascular and cerebrovascular diseases, diabetes, mental diseases or infectious diseases that may cause great harm to public health, and be beyond major postoperative recovery period and acute attack period, as well as non-severe physical disability, and non-pregnancy.	
	Language competence	With listening, speaking, reading and writing skills meet the requirements of listening to lectures and discussions, and communication	
	Others	Candidates are not allowed to bring their spouses or relatives and friends to China for training.	

Venue	Beijing	Weather Conditions of the Venue	Autumn: 25 °C-30 °C
Visiting cities	Zhuozhou City, Hebei Province; Dongying City, Shandong Province	Weather Conditions of the Investigation Site	Zhuozhou: 25 °C-30 °C Dongying: 25 °C-30 °C
About the Contents of Seminar	<p>I. About the Courses and Contents of the Seminar</p> <p>1. Development situation of energy, and oil and gas resources in the world Main contents: the goals of carbon peaking and carbon neutralization in major countries, the development of global energy and oil and gas resources, the current situation and future development trend of China's oil and gas resources supply and demand, and the prospect of oil and gas cooperation between China and Suriname.</p> <p>2. Course and practice of China's management and reform regarding to oil and gas resources Main contents: Introduce the relevant laws and regulations of oil and gas resources management in China, the management system of oil and gas resources management and the reform ideas for the future. Introduce the progress and experience of promoting the reform of oil and gas resources management system, carrying out competitive transfer of oil and gas exploration blocks, and approving and managing the mining rights over oil and gas.</p> <p>3. China's energy resources development plan Main contents: Introduce the preparation background of China's oil and gas resources development plan every five years, China's energy development policy, main objectives and tasks of the plan, the implementation of the plan from 2021 to 2022, the main achievements and understandings, etc., and put forward suggestions for Suriname's energy resources development plan.</p> <p>4. Progress of offshore oil and gas exploration and development and process of foreign cooperation of oil and gas blocks Main contents: Introduce the progress of offshore oil and gas exploration and development in China, the process of foreign cooperation of offshore oil and gas blocks in China, the capital budget and planning of foreign cooperation blocks, the main problems existing in cooperation and the disposal measures, etc., and put forward reasonable suggestions for the management of offshore oil and gas blocks in Suriname.</p> <p>5. Exploration process of oil and gas resources and experience sharing by oil companies Main contents: Introduce China's oil and gas resources exploration and development progress, oil and gas exploration and development theory and technical methods, oil and gas resources exploration procedures of oil companies and supporting technologies in each exploration stage, typical exploration cases and exploration experience and practices, etc.</p> <p>6. Deep-sea oil geophysical exploration technologies Main contents: Introduce the matching technology of ocean bottom nodes (OBN), prestack depth migration technology, seismic technology of V56 broadband and high precision vibroseis, etc. so that candidates may understand the most cutting-edge geophysical exploration technologies in the world at present.</p> <p>7. Safety technology of oil and gas pipelines Main contents: This technical method is based on international standards such as ASME B31.8S and API 1160, and absorbs the practical experience of domestic oil and gas field pipeline production management and safety management, and innovatively forms an oil and gas field pipeline integrity management technical system with risk management as the core, which has been fully popularized and applied in nearly 400,000 kilometers of oil and gas field pipelines of PetroChina.</p>		

8. Research progress of marine gas hydrate

Main contents: Marine gas hydrate is a clean alternative energy with huge reserves. Safe, efficient and economical development is the development goal of hydrate exploitation technology and equipment at present and in the future. This lecture discusses the important progress made by China Geological Survey in petrophysical experiment and theoretical research of natural gas hydrate.

II. Exchanges and Discussions:

(1) The present situation of oil and gas resources exploration, resource potential and exploitation technology in developing countries

(2) Management system of oil and gas resources in developing countries

III. About the Visits

1. China's Dream Cloud-based Platform for Petroleum Exploiting and Developing (investigation organ: Oil Exploration and Production Branch of CNPC; investigation venue: Beijing)

Main contents: Introduce the construction of China's Dream Cloud-based Platform for Petroleum Exploiting and Developing, including the construction status of unified data lake and unified technology platform, oil and gas exploiting, development and production, collaborative research, production & operation, operation & management, safety and environmental protection, serial lake, intelligent retrieval, big data analysis, data insight and the application of other functions.

2. Oil and gas pipeline safety technology (investigation organ: China National Petroleum Pipeline Bureau; investigation venue: Langfang City, Hebei Province)

Main contents: This seminar serves to introduce the technology of drag reduction and throughout increasing of oil products and natural gas, simulation and optimization technology of oil and gas pipeline network, failure control technology of oil and gas pipelines, high-efficiency welding technology of oil and gas pipelines, external anticorrosion and internal coating technology of oil and gas pipelines, oil and gas pipeline pigging, deformation detection, corrosion detection technology, safety early warning technology of oil and gas pipelines, non-stop plugging technology of oil and gas pipelines, integrity management technology of oil and gas pipelines and other unique technologies in China.

3. Application of geophysical exploration technology in oil and gas exploration (investigation organ: Bureau of Geophysical Prospecting INC., China National Petroleum Corporation; investigation venue: Zhuozhou City, Hebei Province)

Main contents: Introduce the matching technology of ocean bottom nodes (OBN), prestack depth migration technology, seismic technology of V56 broadband and high precision vibroseis, etc. so that candidates may understand the most cutting-edge geophysical exploration technologies in the world at present.

4. Visit and investigation of beach oilfield in Shengli Oilfield (investigation organ: Shengli Branch of China Petrochemical Corporation; investigation venue: Dongying City)

Main contents: Visit the beach oilfield of Shengli Oilfield to exploit oil by means of offshore oil and land production, and introduce the digital, intelligent and refined management mode of oil exploitation.

IV. About the Presenters

(1) **Shu Qinglin**: Master, chief expert of oilfield development of Dongying Shengli Oilfield Company of Sinopec Group. He has been engaged in oilfield development planning, reservoir descriptions, numerical simulation integration of modeling, productivity construction of old oilfields for a long time, and has made outstanding achievements in functional flooding, water flooding in ultra-high water cut stage, chemical flooding, and greatly-enhanced oil recovery technology and practice of heavy oil reservoirs. He has made the recovery ratio of water flooding streamline adjustment + strong chemical flooding + flow field adjustment

	<p>exceed 63%, and thermal oil recovery, single-layer development and thermochemical recovery of heavy oil reservoirs exceeded 55%. It has won more than 30 provincial-level and ministerial-level awards, and his four projects, namely, <i>Research and Development of Remaining Oil Enrichment Areas in Continental Water Drive Reservoirs</i>, <i>Breakthrough of Reservoir Geophysical Technology and Efficient Development and Application of Old Oilfields</i>, <i>Efficient Development Technology and Application of Marginal Heavy Oil in Shengli Oilfield</i> and <i>Key Technology and Application of Efficient Development of Super Heavy Oil in Thin Reservoirs</i>, have won the second prize of National Science and Technology Progress Award.</p> <p>(2) Li Fubing: master, researcher, and director of Oil and Gas Resources Strategic Research Center of Ministry of Natural Resources. He has been engaged in strategic planning of oil and gas resources, exploration and exploitation situation of oil and gas resources, construction of national oil and gas resources database, "The Belt & Road Initiative" energy cooperation, safety production in natural resources and other research work for a long time, and presided over and participated in the completion of more than 20 national, provincial and ministerial scientific research projects. He has ever participated in the research of <i>New Round of National Oil and Gas Resources Evaluation</i>.</p> <p>(3) Zhan Shifan: Professor-level senior engineer, chief technical expert of Bureau of Geophysical Prospecting INC., China National Petroleum Corporation, has been committed to the original innovation, technological progress and industrialization of seismic exploration technology for nearly 40 years. Many scientific and technological innovations he participated in and led the research and development won national awards, and obtained 25 authorized invention patents and 16 software copyrights.</p> <p>(4) Chen Hongjian: Doctor, Senior Engineer, Head of Oil and Gas Pipeline Department of Planning Institute of China National Petroleum Corporation. He has presided over or participated in the planning, feasibility study, consultation and design of large and medium-sized projects at home and abroad, such as "No.27 Oil Gathering Station", "Sino-Russian Oil and Gas Pipeline" and "Sino-Kazakhstan Oil and Gas Pipeline".</p> <p>V. Data to Be Prepared by Candidates</p> <p>In order to facilitate the exchange with Chinese experts, trainees are requested to prepare the exchange data related to the research topics in your country, and experts from various countries are invited to discuss the following two: (1) the evaluation methods of oil and gas resources potential in your country; (2) Policies on oil and gas resources; In order to better carry out future cooperation, it is suggested to arrange special reports as appropriate.</p>
Remarks	<ol style="list-style-type: none"> 1. In order to facilitate discussion and exchange with Chinese experts and enterprises, please prepare exchange information related to seminar topics in your country: (1) evaluation methods of oil and gas resources potential in your country; (2) Policies on oil and gas resources; 2. Candidates should prepare clothes suitable for summer and autumn (such as sun protection clothes, umbrellas, comfortable shoes, etc.). 3. Candidates should download and install the international version of WeChat before arriving in China. 4. Please prepare a valid passport and visa in advance. In case that you cannot leave on time due to special circumstances, or there is flight delay during connecting flights, please contact the project contact person in time to inform you of the latest flight status, so as to arrange pick-up. 5. In principle, individuals are not allowed to change international air tickets. If necessary, please contact the business office to handle the ticket change according to the procedures. If the air ticket is changed without consent, the expenses and responsibilities arising therefrom shall be borne by the individual. 6. Please confirm whether you need to check your baggage again when connecting; After the flight lands and you pick up luggage, please wait patiently at the international arrival exit (or domestic arrival exit), and our staff will pick you up with the pick-up signboard. If you wait more than 15 minutes, please

	<p>contact the project contact at the information desk.</p> <p>7. If you need to register with the airline in case of lost checked baggage, please call the project contact person to confirm the baggage delivery address before filling out the registration form.</p>
<p>About the organizer</p>	<p>The Development Research Center of China Geological Survey was formally established in 2002. It is a public institution directly under China Geological Survey. It mainly undertakes the research on geological work development strategy, geological data management and socialized service, overseas geological survey strategy and policy research, national geological prospecting technical guidance, and serves the comprehensive business management of geological survey and the transformation, reform and development of geological industry. It has been granted with "National Geological Archive and Mineral Exploration Technical Guidance Center of Ministry of Natural Resources". It has been staffed with 212, and equipped with 10 management offices and 24 business offices. Since its establishment, under the leadership of ministries and bureaus, it has worked out fruitful results in strategic research, information geological data services and special support. It undertakes two core journals, <i>Geology in China</i> and <i>Geological Bulletin of China</i>, and journal <i>Geology in China</i> (English Version).</p> <p>Under the unified leadership of the Ministry of Natural Resources and China Geological Survey, it has succeeded in 84 foreign-aid seminar programs by the end of 2022, including 1 ministerial seminar, 36 officials' seminars, 21 technical seminars, 6 overseas seminars, and 20 trainings online. Nearly 3,000 experts, scholars and technicians from more than 100 countries and regions around the world have ever participated in the seminars, and their working languages included English, French, Russian, Spanish and Portuguese.</p>
<p>Contact Information of Organizer</p>	<p>Project Contact Persons: Ms. Han Jiuxi/Ms. Yang Beibei Office telephone number: 0086-10-58584232 (Ms. Han); 0086-10-58584254 (Ms. Yang) Mobile phone: 0086-13121035237 (Ms. Han); 0086-18612253753 (Ms. Yang) Fax: 0086-10-58584254 E-mail: 38587393@qq.com(Han); 260363429@qq.com (Yang) WeChat: han99cc (Ms. Han); aspirin_work (Ms. Yang)</p>