

REQUEST FOR EXPRESSIONS OF INTEREST

The People's Republic of China

GEF Large City Congestion and Carbon Reduction Project

Project ID No.: P127036

Assignment Title: International Public Transport Specialist(Integrated Passenger Hubs) on Technical Support for Research on Technical Standard on Information Exchange and Service Mechanism for Urban Integrated passenger Hub

Reference No. (as per Procurement Plan): CCR/CS12-MOT

The People's Republic of China has applied for financing from the World Bank toward the cost of the GEF Large City Congestion and Carbon Reduction Project ("the Project"), and intends to apply part of the proceeds for individual specialist.

The attention of interested individual Consultants are drawn to paragraph 1.9 of the World Bank's *Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers* ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

A Specialist will be selected in accordance with the World Bank's Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers ("Consultant Guidelines") for individual specialist.

The terms of reference is as below and the further information can be obtained at the address below during office hours 09:00 to 17:00 on working days only.

Expressions of interest must be delivered in a written form to the address below by mail by January 6, 2015.

Project Management Office, GEF Large City Congestion and Carbon Reduction Project
Comprehensive Planning Department, Ministry of Transport, PRC

Mr. Zhou Geping, Procurement Specialist

Address: 7th floor, TongLian Mansion, No. 240 HuiXinXili, Chaoyang District, Beijing,
PRC

Postcode: 100029

Tel: 86-10-6529 9095

Fax: 86-10-6529 9094

E-mail: gefnpmo@163.com

GEF Large City Congestion and Carbon Reduction Project
Terms of Reference for Consulting Service of
International Public Transport Specialist(Integrated Passenger Hubs)
on Technical Support for *Research on Technical Standard on*
Information Exchange and Service Mechanism for Urban Integrated
passenger Hub
(CCR/CS12-MOT)

1. Project Background

With rapid economic development and acceleration of urbanization, the urban motorization of Chinese cities entered into a boost period. Civil car ownership in China has reached 240 million by the end of 2012. The fast growth of cars in many cities, such as Beijing and Shanghai, has led to severe traffic congestion, rapid increase of pollutants and carbon dioxide emissions, and decrease of the living quality of the urban residents, and caused enormous economic loss and serious constraint to sustainable urban development. Therefore, to ease congestion in large cities and reduce the carbon emissions has become a major challenge facing municipal governments at all levels. Governments at both the national and the local levels and all relevant departments have regarded “addressing global climate change” as the fundamental development strategy of the nation and included it into the relevant medium- and long-term development planning.

Ministry of Transport (MOT), as the central government agency responsible for guiding the urban passenger transport, has taken the traffic congestion and carbon emissions reduction as one of its top priorities. In the face of huge challenges of increasingly serious traffic congestion and carbon dioxide emissions in large cities, it is urgent to learn from the international practical experience, formulate effective laws and policies and take reasonable technical and economic measures so as to guide the scientific development of sustainable urban transport in China.

Under such background, the GEF-funded “Large City Congestion and Carbon Reduction Project” has been approved. Ministry of Transport is the central executing agency of the project. Suzhou, Harbin and Chengdu municipal government are the local executing agencies; the project management office of Ministry of Transport (hereinafter referred as National PMO) and three Local Project Management Offices (hereinafter referred as Local PMO) are responsible for the implementation of the respective projects while the National PMO is in charge of the general coordination. The World Bank is one of the implementing agencies of GEF. Transport Planning and Research Institute, MOT (“PIU1”), China Academy of Transportation Science, MOT (“PIU2”) and Research Institute of Highway, MOT (“PIU3”) are Project Implementing Units which undertaking the relevant subprojects respectively. ***Research on Technical Standard on Information Exchange and Service Mechanism for Urban Integrated passenger Hub*** is one of the subprojects of GEF Large City Congestion and Carbon Reduction Project, which is undertaken by Research Institute of Highway, MOT.

In order to ensure the smooth implementation and expected achievement of the subproject of ***Research on Technical Standard on Information Exchange and Service***

Mechanism for Urban Integrated passenger Hub, an individual consultant of public transport specialist(Integrated Passenger Hubs) with international experience shall be selected to provide technical support and consulting services for Research Institute of Highway, MOT in the said subproject by making full use of his or her international experiences and technologies advantages.

2. Subproject Objective

with the background of Urban Integrated passenger Hub rapidly development, ***Research on Technical Standard on Information Exchange and Service Mechanism for Urban Integrated passenger Hub*** shall propose to help improve information utilization between different modes of transport and to enhance management efficiency and service levels in integrated passenger hubs.

3. Consulting Tasks

The Public transport specialist (Integrated Passenger Hubs) with international experience shall perform the following tasks:

- **Task 1: provide technical suggestions and revision assistance to improve the study proposal and interim report, including the following aspects:**
 - The study of foreign integrated passenger transportation hubs in 3 developed countries (such as America, Germany, England);
 - The study of technical standard, guideline and industry authority supervision duties about intelligence system of integrated passenger transport hubs.
- **Task 2: Review and revise the report (in English version) for each phase.**
- **Task 3: attend the forums and important meetings related to the project, and make the presentations**

4. Deliverables

The Public transport specialist (Integrated Passenger Hubs) with international experience shall provide the following reports:

- 1) The survey report about technical standard on information exchange and service mechanism for the integrated passenger hubs.

5. Required Consultant Input and Qualification

The consulting service shall be implemented within 15 months from October 2014 to December 2015. In the duration, the time input for the Public transport specialist (Integrated Passenger Hubs) with international experience is two person-months. The individual consultant shall keep close cooperation with the relevant research institute and its' personnel, to complete the contract tasks.

Qualifications for the Public transport specialist (Integrated Passenger Hubs) with international experience: shall have at least 15 years working experience in urban planning and urban transport planning with intelligent transport system about Public transport specialist(Integrated Passenger Hubs) professional background and consultation records for more than 3 similar assignment or project; shall be familiar with theory and practice of construction and operational management of intelligent transportation system of integrated transportation hubs; Familiar with policies, information sharing mechanism,

technical standards or guidelines of information exchange and service; Familiar with the up-to-date technology for integrated transportation intelligence systems; Familiar with data exchange mechanisms for sharing content and data format to exchange data between multiple modes of transport for urban Integrated passenger hubs. The specialist has experience in research projects in China on public transportation transfer hub is preferred.