

REQUEST FOR EXPRESSION OF INTEREST

Recruitment of Individual Consultants for Panel Of Experts (POE) Construction of New Khanki Barrage and Auxiliary Works

The Islamic Republic of Pakistan has received a loan from the Asian Development Bank (ADB) towards the cost of New Khanki Barrage Construction Project. Part of this loan will be used to payments under the contract for the proposed Panel of Experts (POE). The New Khanki Barrage (NKB) project mainly includes construction of a new barrage at a distance of 900 feet downstream of existing Headworks in replacement of 120 years old outdated structure.

Irrigation Department, Government of the Punjab, intends to hire the services of the following three (03) individual consultants in the fields of (i) hydraulic and morphology; (ii) planning and construction; (iii) gates and hoisting arrangements. These individual consultants will constitute an independent panel of experts (POE) for the project. POE will review the design reports/proposals submitted by the design consultants and provide advice to the Project Implementation Entity and its Project Management Office (PMO) on matters related to safety and critical technical aspects of the design and construction works of the hydraulic infrastructure of the New Khanki Barrage, as well as participating in the periodic safety inspections thereof. Overall objectives of the POE are to provide high level and professional independent advices and guidance to support PMO objectivity and ensure safe, economical, state-of-the-art construction/installation, and quality assurance/quality control procedures for successful implementation of NKB Project.

Duration: The construction period of the NKB Project is spanned over 39 months and 12 months for Defect Notification period. It is anticipated that POE will meet eight (08) times during construction, spending two weeks for each review. Sit inspections will be conducted on the need bases.

Qualifications and Organization: PMO intends to appoint an independent POE for NKB Project comprising two (02) international and one (01) national members with at least a Masters level education and more than 20 years of experience along-with specific expertise in the following fields:

Category and Expertise

Sr. No	Field	Expertise Requirement
1.	Hydraulics and River Morphology (International)	- Hydraulic and structural design studies of barrages. - River morphological studies. - Embankment design, construction and river training works.
2.	Gates and Instrumentation (International).	- Design and installation of radial gates including hosting arrangements. - Automation in regulation of gates through local and remote control operations.
3.	Planning and Construction (National).	- Barrage safety assessment, evaluation and management studies; - Quality control planning and management of barrage construction projects; - Concreting and sheet piling - Geo-technical/foundation engineering, embankment, construction and river training works; - Construction of cofferdams considering seasonal flow conditions of the river. - Care and handling of surface and sub surface water to optimize schedule of construction.

Detailed TORs may be obtained from PMO during office hours or can be downloaded from www.pmo-pb.gop.pk. Individual Consultant will be selected in accordance with the procedures as set out in AD's Guidelines on the use of consultants (Guidelines on the use of Consultants 2013, as amended from time to time).

Interested individuals are requested to submit their detailed CVs to the following address latest by **October 30, 2013** during 1office hours.

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