



Ministry of Water Resources and Meteorology Project Management Unit

REQUEST FOR EXPRESSIONS OF INTEREST (REOI) (Consulting Services Firms Selection)

Country	: Kingdom of Cambodia
Client	: Ministry of Water Resources and Meteorology
Project	: Integrated Water Resources Management Project (IWRM)
Project No.	: 50266-001
Contract/Assignment Title	: Rapid River, canal and topographical surveys (for TRTA)
REOI Reference No	: PMU-SER-02

1. The Kingdom of Cambodia has received for financing on grant from the Asian Infrastructure Investment Bank (AIIB) toward the cost of the Integrated Water Resources Management Project (IWRM) and intends to apply part of the proceeds for the consulting services for which this REOI is issued.
2. The consulting services ("the Services") include but not limited to:

Scope of Work:

The work will cover a) cross section survey of the Pursat River, b) Svay Ath near Pursat, c) Kbal Hong existing Main Canals at approximately 500m intervals but more detail at the Barrage site and the urban part of the main canal. A sample topographic survey of approximately 300ha of irrigation command area and existing canals in (d) the Kbal Hong and (e) 300ha in the Kangthou irrigation service area. All data to be presented to a consistent identified vertical datum such as Hong Dau or Hatien datum.

Detailed Tasks:

- (1) Set up of temporary benchmarks and establishment of vertical datum elevation.
- (2) Cross sections of the Pursat river and banks + approximately 100m of floodplain each side (40).
- (3) Cross section on the Pursat river at barrage site at approximately 50m intervals (5).
- (4) Cross sections of the Pursat River and banks + approximately 100m of floodplain each side (40).
- (5) Cross section of the Svay Ath from Pursat River to Kbal Hong canal at approximately 500m spacing and 1km thereafter for 5km
- (6) Establish dimensions and level of existing weirs and main structures such as the offtake gates from the Pursat river, Pursat town weir, Pursat Water level Gauge zero, bridge road levels at NR5 and bypass.
- (7) Kbal Hong Irrigation Command Area sample 300ha topographic survey including existing secondary canals and structures.
- (8) Kangthou Irrigation Command Area sample 300ha topographic survey including existing secondary canals and structures.

Deliverables:

Reporting and supply of cross sections in electronic format for easy input to DEM/HEC Models: Distance across section X,Z, X Coordinate , Y Coordinate (to WGS84 UTM48N), Z to Hatien/Hong Dau vertical datum. Topographic Survey as spot level/cross sections/contours as appropriate for two areas of approx 300ha in Kbal Hong and Kangthou.

3. The detailed Terms of Reference (TOR) for the assignment can be found in **Annex A** and EOI Form in **Annex B** at the following link: https://drive.google.com/file/d/1GLziddL7CAxYUJdH8T9NRj3dy1BA-9/view?usp=share_link or can be obtained at the address given below.
4. The Project Management Unit of Ministry of Water Resources and Meteorology now invites eligible consulting firms ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The selection criteria are:
 - Experience of river and canal surveys, Topographic Survey experience for irrigation systems, Survey equipment and trained personnel and Track record in delivering rapid surveys.
 - Should have competed Minimum specific experience 5 Assignments similar in nature and key activity experiences and scope for the past five (5) years.
5. The attention of interested Consultants is drawn to Section II of the Bank's "Operational Directive on Procurement Instructions for Recipients" dated June 2, 2016 [or insert date of applicable Procurement Instructions edition as per the legal agreement] ("Procurement Instructions"), setting forth the Bank's policy on conflict of interest.
6. A Consultant will be selected in accordance with the **Consultant's Qualifications Based Selection (CQS)** method set out in the Procurement Instructions.
7. Further information can be obtained at the address below during office hours: **08:00 to 17:30 hours (Phnom Penh Local Time)**.
8. Expressions of interest must be delivered in a written form to the address below by e-mail on or **before 31 May 2023**.

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