

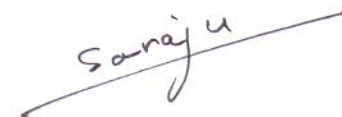

  
**Building Resilience to Climate Related Hazards Project**  
**Consulting Service for Establishment of "End to End" Flood Early Warning System in Koshi and West Rapti River**  
**Basins to Support and Strengthen Disaster Risk Management**  
**(Contract ID No: PPCR/DHM/S/QCBS-34)**

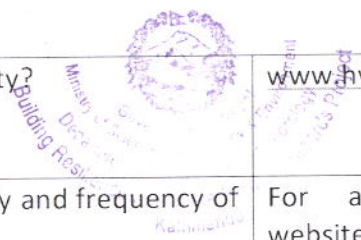
**Clarification -1**

We received the following Clarification request through pre-bid meeting, official letter and email from the Consulting Firms. Our response is as follows:

Query No.	Reference to the RFP Document	Description	DHM /BRCH Clarification	Remarks
1	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-3, Task-3.3:</b> "Access the current.....forecast developed." (Page-71)	When is the corresponding limited-area model expected to be operational and the QPF data available?	Please find attached document (Attachment No 1)	
2		Can a copy of the SI Report on Observation Network be made available to us at this time?	Please find attached document (Attachment No 2)	
3		Has the ADB project on hazard mapping for the West Rapti River been finalized and are any reports available at this time?	No, report is not available at the moment however the report is under preparation and is expected to be available in the near future.	
4	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1:</b> "Develop hydrological and ....." (Page-71)	Is (rainfall) forecast data currently available?	No	
5	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of</b>	What is the current status of hydrological and meteorological	For available information, please Visit website: <a href="http://www.dhm.gov.np">www.dhm.gov.np</a> ,	







	<b>Works, Activity-4, Task-4.1:</b> "Develop hydrological and ..... " (Page-71)	data availability?	<a href="http://www.hydrology.gov.np">www.hydrology.gov.np</a> , <a href="http://www.mfd.gov.np">www.mfd.gov.np</a> ,	
6	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1:</b> "Develop hydrological and ..... " (Page-71)	What is quality and frequency of the data?	For available information, please visit website: <a href="http://www.dhm.gov.np">www.dhm.gov.np</a> , <a href="http://www.hydrology.gov.np">www.hydrology.gov.np</a> , <a href="http://www.mfd.gov.np">www.mfd.gov.np</a> ,	Visit
7	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1:</b> "Develop hydrological and ..... " (Page-71)	Is the measuring infrastructure robust and reliable?	For available information, please visit website: <a href="http://www.dhm.gov.np">www.dhm.gov.np</a> , <a href="http://www.hydrology.gov.np">www.hydrology.gov.np</a>	Visit
8	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-5</b> "Communication and dissemination.....", and 6-"Design and development....." (Page-72,73)	How often Early Warning Messages are send using the current system?	For available information please visit website: <a href="http://www.dhm.gov.np">www.dhm.gov.np</a> , <a href="http://www.hydrology.gov.np">www.hydrology.gov.np</a> , <a href="http://www.mfd.gov.np">www.mfd.gov.np</a> ,	Visit
9	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.2:</b> "Integration of hydrological models.....software tools" (Page-72)	What ICT equipment is available at DHM for the FEWS?	For available information please visit website: <a href="http://www.dhm.gov.np">www.dhm.gov.np</a> , <a href="http://www.hydrology.gov.np">www.hydrology.gov.np</a> . However, ICT infrastructure is being established under BRCH project	Visit
10	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.2:</b> "Integration of hydrological models.....software	What kind of knowledge and databases are currently available within DHM?	Visit website: <a href="http://www.dhm.gov.np">www.dhm.gov.np</a> , <a href="http://www.hydrology.gov.np">www.hydrology.gov.np</a> , <a href="http://www.mfd.gov.np">www.mfd.gov.np</a> ,	

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	tools”(Page-72)			
11	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1:</b> “Develop hydrological and .....” (Page-71)	What kind of bathymetric and cross-sectional data is available for this assignment? And what is the data quality?	Please find attached document (Attachment No 3)	
12	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-2, Task-2.1:</b> “Carry out analysis.....on the flood forecast” (Page-69)	How long is the total time period of measuring?	Question not clear	
13	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-2, Task-2.1:</b> “Carry out analysis.....on the flood forecast” (Page-69)	Should uncertainty estimates be included in the data analysis?	Yes	
14	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-2, Task-2.2:</b> “Prepare and develop.....infrastructure and utilities” (Page-70)	What kind of topographical / land use data is available?	Contact Topographical Survey Branch of Government of Nepal.	
15	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-2, Task-2.2:</b> “Prepare and develop.....infrastructure and utilities” (Page-70)	Is there information available on existing buildings?	Contact Topographical Survey Branch of Government of Nepal.	
16	<b>Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1:</b>	What is the resolution of the Digital Elevation Model (DEM)?	High resolution (~1m) Digital Elevation Model	

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	"Develop hydrological and ..... " (Page-71)			
17	Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1: "Develop hydrological and ..... " (Page-71)	What is the vertical accuracy of the DEM?	Vertical accuracy of <0.25m	
18	Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1: "Develop hydrological and ..... " (Page-71)	Does the (existing) DEM include structures and buildings?	Presently not available	
19	Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-4, Task-4.1: "Develop hydrological and ..... " (Page-71)	Does the DEM had any specifications for the hydrologic or hydrodynamic software?	No	
20	Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-7, Task-7.5: "Provide operational support .....of the final report" (Page-74)	What should the availability of the remote support be? 24/7 availability Working hours only? Within 24hours response time?	Remote support response time: 24 hrs.	
21	Section VII, Terms of Reference, Heading-6 Specific Scope of Works, Activity-1, Task-1.1: "Review of legal .....are clearly defined." (Page-74)	Will the Legal and Regulatory Frameworks be available in English or Nepali when finished?	Can be made the available in both English and Nepali after it is prepared	
22		We ask to leave out the table on page 53 of the RfP in the	RFP requirement stands	

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