

PIU: Technical Assistance & Capacity Building for Disaster Risk Management,
WB UDRP Works Status:-15-09-2017

S. No	Title	Objective, Outcome and Work to be done	Progress	Tentative Cost
1	Risk Assessment, Modeling and capacity enhancement of USAC	Developing risk information and Creating a 'Digital Risk Database' which comprises data and risk information for disaster events like earthquakes, floods, landslides, flash floods and Industrial hazards for the State of Uttarakhand.	<ul style="list-style-type: none"> • Draft Inception Report was submitted by consultant on 26th August 2016 and Final Inception Report was submitted by consultant on 23rd January 2017 it was approved by the PIU as it was submitted after incorporating all the suggestions made by the TTF members. • The consultant has submitted reports for Tranche 2a which were approved by IIT Roorkee and PIU. • Tranche 2b reports have been submitted by the consultant on 22 May, 2017 and revised report was submitted on 4th Sep. 2017 and the same were forward to the TTF & IIT Roorkee for technical review. The report is approved by TTF & IIT Roorkee. 	Final Contract Rs 26.77 Cr (Including taxes)
2	Slope Stabilization Study	Minimum rigorous impact of landslides on infrastructure and protect our habitation from large overflow in rivers during monsoon by treating and stabilizing active and prone slopes along with river training works.	<ul style="list-style-type: none"> • Draft Inception Report was submitted by the consultant on 26th August 2016 and Final Report was submitted by the consultant on 28th September 2016. • Draft DPR's for all the five slopes have been submitted by the consultant, comments on these DPR's were submitted to the consultant on 03rd April 2017. • First revised DPR reports were submitted by the consultant on 16th June 2017, second revised DPR were submitted on 08th Aug, 2017 and third revision were submitted in end week of August and the same was sent to THDC for technical vetting. In between a number of meeting held between TTF, Vetting agency and WAPCOS Ltd for finalizing DPRs. 	Final Contract Rs 1.47 Cr (Including taxes)
3	River Morphology Study	The objective of the morphological analysis is to identify vulnerable area (habitation, public or private infrastructure, agricultural land) where rivers pose threat from morphological changes from episodic events such as excessive rains, cloud bursts and large landslide in the state of Uttarakhand. It is also proposed to develop Uttarakhand River Information Management System (URMIS)	<ul style="list-style-type: none"> • Draft Inception Report for Phase -I has been submitted by the consultant on 21st January 2016 and Final Inception Report for Phase -I was submitted on 11th April 2016. • Draft Data Collection and Survey report were submitted on 29th July 2016 and revised report was submitted on 3rd October 2016 and final report was submitted on 22nd December 2017 after incorporating all the necessary changes. • Draft Report on Identification of Vulnerable Reaches was submitted on 13th June 2016 and Final report was submitted on 3rd October 2016 by the consultant after incorporating all the suggestions made by TTF members. • DPRs are under preparation for 27 Nos vulnerable reaches where flood protection works and river training measures are required. • Uttarakhand River Morphology Information system (URMIS) has been developed to help and support the 	Final Contract Rs 13.58 Cr (Exclusive taxes)

			<p>decision makers to make sound decisions.</p> <ul style="list-style-type: none"> • Draft Inception Report for Phase -II has been submitted by the consultant on 29th August 2016 and Final Inception Report for Phase –II was submitted on 02nd January 2017. • One day workshop on River Morphology studies was organized at Mussoorie on 18th May 2017 for better understanding on training work, morphological studies and URMIS. • Draft Data Collection and Survey report for Phase- II was submitted in March 2017 and revised report was submitted by the consultant in June 2017 this report was sent to TTF members for the review. This report is approved by the TTF members and PIU. 	
4	Strengthening Emergency Response Capacity-SDRF (I & II phases)	<p>This will focus on strengthening the capacity of the State's Disaster Response Force (SDRF), fire services personnel and other immediate key response agencies in responding adequately to disaster situations through better search and rescue equipments and enhanced training.</p>	<ul style="list-style-type: none"> • Procurement of S&R equipments amounting INR 20.39 Cr has been done for SDRF Phase -I & II. • Demonstrations for all equipments proposed under SDRF Phase-III for 16 packages have been completed. • The list of the packages to be procured under phase-III of Procurement of search & Rescue Equipments have been finalized for an estimated value of INR 24.08 Cr and has been sent to WB for NOL. 	<p>I Phase-Rs 6.50 Cr (Done)</p> <p>II Phase- Shopping- Rs 4.39 Cr (Done)</p> <p>II Phase-NCB- Rs 9.58 Cr (Done)</p> <p>(Procurement of total Rs 20.39 Cr modern S&R equipments for SDRF force was done till date)</p>
5	Decision Support System	<p>The objective of this effort is to develop and deliver a scalable platform that can enables GoU to effectively prepare, mitigation, respond and recover from future emergencies in Uttarakhand.</p>	<ul style="list-style-type: none"> • First time the bid process got cancelled as only one response was received at RFP stage. • Second time the bid process got cancelled at REOI stage due to administrative and managerial issues. • Now a fresh REOI and TOR has been prepared for total 12 months consultancy and it is sent to WB for NOL. 	<p>Approximate cost Rs 18.00 Cr (Exclusive taxes)</p>
6	Strengthening Hydro-Meteorological Network and Early Warning System	<p>Modernization of the Hydromet observation and information systems in the state. Preparation of DPR for instrumentation of surface equipments and preparation of BOQ and tender document for procurement.</p>	<ul style="list-style-type: none"> • Under the project it is planned to install 109 AWS, 26 SFO (combination of Single Stevenson screen + Optical Rain Gauge +Automatic Weather Station), 28 ARG and 16 SG covering all 13 districts of the state. • Specification of instruments is finalized with the help of India Meteorological Department. Land to install the instruments is identified with the help of district administration. • Successive meetings have been done with IMD at the office of the Secretary, Disaster Management in between April to August, 2017. 	<p>Approximate cost Rs 60.00 Cr (Exclusive taxes)</p>