

**Proceedings of the 6<sup>th</sup> meeting of Technical Appraisal Committee (TAC) held on 17<sup>th</sup> September, 2025, 10:30 A.M onwards under the Chairmanship of Sh. Nishant Thakur, Additional Secretary (Rev-DM) Government of Himachal Pradesh/ Project Director- PMU of the State Disaster Mitigation Fund (SDMF), Himachal Pradesh, in the Committee Room , H.P Secretariat, Shimla H.P.**

List of participants is at Annexure A

Decisions of TAC is at Annexure B

1. At the outset, the Dr. Rohit Chauhan (GIS and RS Specialist) welcomed Chairman, Sh. Nishant Thakur- (HPAS), Additional Secretary/ Project Director- PMU, the Members of Technical Appraisal Committee (TAC), and the Officers of various departments who had joined through physical as well as virtual mode.
2. After that Chairman discussed the guidelines of State Disaster Mitigation Fund (SDMF) to make clarity to TAC members on SDMF provisions. He reiterated that atleast 10% funds in a year should be earmarked for the non- structural mitigation measures and not more than 50% of funds maybe utilized to mitigate any single hazard whereas up to 5% of the National Disaster Mitigation Funds (NDMF)/ (SDMF), funds maybe earmarked for small grants window to support small proposals related to innovation, community leadership, research, studies and learning.
3. The Chairman informed the Implementing Agencies that the HP SDMF portal has now been launched for submission and processing of proposals. He emphasized that all Project Proposals Reports (PPRs) and Detailed Project Reports (DPRs) shall mandatorily be submitted through the online mode only. It was categorically stated that the Department will not accept any hard copy submissions henceforth, and Implementing Agencies are advised to strictly adhere to this online submission process for timely consideration of their proposals.
4. He further emphasis on incorporating bio engineering solutions alongside conventional construction solutions. This suggests a shift towards more environmentally friendly and sustainable approach in project implementation. By highlighting the importance of bio engineering solutions, there's an indication of the

need to explore and integrate nature based techniques into project designs, which can benefits on erosion control, habitat restoration and overall environmental enhancement.

5. After suggestions from TAC members, it was decided that the minor observations related to recommendations made in principle with modifications should be addressed by PMU, and if observations are resolved by the Implementing Agencies, the proposals shall be considered in the SEC after the approval of Competent Authority.

At the conclusion of the meeting , the Chairman, expressed his gratitude to all the Technical Appraisal Committee (TAC) Members for dedicating their valuable time for the discussions and deliberations during the meeting.

The meeting ended with a vote of thank to and from the Chair.



**Nishant Thakur**  
**Additional Secretary (Rev-DM) to the GoHP -**  
**cum-Project Director (PMU-SDMF)**

Endst. No. Rev. (DMC) (F)-9-1/2022-MF-II (TAC)

Dated the 2025

**Copy forwarded for information and necessary action to:-**

1. All the Members of the TAC (by Name)
2. The Deputy Commissioner-cum- Chairman, DDMA's, all districts.(concerned) in HP.
3. The Engineer- in- Chief (PWD), Nirman Bhawan, Shimla-2.
4. The Engineer- in- Chief (JSV), Tutikandi , Shimla-2.
5. All the participant(s) of the meeting.



**Additional Secretary (Rev-DM) to the GoHP -**  
**cum-Project Director (PMU-SDMF)**

**List of Participants**

**List of Participants:-**

1. Vaseem Ashraf, Director, Central Water Commission, Shimla
2. Sh. Sumit Gupta, Deputy Director, Central Water Commission, Shimla .
3. Dr. Ashok K. Gupta, Professor & Dean (Civil Engineering), Jaypee University, Waknaghat.
4. Sh. Ravi Bhushan Sharma, Executive Engineer (Horticulture Wing), HPPWD.
5. Dr. R.S.Banshtu, Associate Professor, National Institute of Technology, Hamirpur.
6. Sh. Bishan Das, Superintending Engineer, HPPWD.
7. Er. Kishan Sharma, JSV, Anni.
8. Virender Pathania, EE, JSV, Mandi.
9. Er. Anil Verma, SE SRFMD Circle Una.
10. Mr. Bhupesh Kumar, Assistant Controller (FRA)/CME-PMU(SDMF)
11. Aman Gupta, C&E Consultancy.
12. Shubham Madheshiya, Director-Xways.
13. Saurabh Chaurasiya, Design head, X-ways.
14. Pradeep Bali, SDO- winterfield.
15. Vishal Kaundal, NIVV Consultancy Services.
16. Nimay Jindal, NIVV Consultancy Services.
17. Vipul Kaundal, NIVV Consultancy Services.
18. Aakash Rastogi, NIVV Consultancy Services.
19. Nitish Verma, C&E Consultancy.
20. Ujval Chauhan, C&E Consultancy.
21. Dr. Rohit Chauhan, GIS & RS Spl (Rev-DM).
22. Ms. Preeti Negi, AT&CBC, Rev-DM (PMU).
23. Ms. Priyanka Thakur, DEO-(PMU-SDMF) (Rev-DM).
24. Mrs. Lata Thakur, CO-(PMU-SDMF) Rev-DM.

**Through Virtual Mode :-**

1. Deputy Commissioner, District Kullu, Himachal Pradesh
2. Officers from JSV & HPPWD Departments
3. Sr. Officers from other Departments
4. Nodal Officers (DM), District Level
5. All TCB Coordinators and Documentation Coordinators

**Decision (s) of the 6<sup>th</sup> TAC Meeting**

Sr. NO	Submitted by	District	Title of the Proposal	Hazard being Mitigated	IA	Fund Requirement in Rs.	Decision/ Remarks
1.	DDMA Hamirpur	Hamirpur	Providing Flood Protection works on the vulnerable reaches of river Beas and it's tributaries Kunah , Man & Maseh Khads for flood mitigation & land reclamation in Hamirpur and Kangra Districts of Himachal Pradesh	Flood Mitigation	Jal Shakti Division, Nadaun	2,49,85,42,654	<b>Approved in Principle with following Observations/ Suggestions for submission for funding under NDMF.</b>  i. Proposal includes very limited plantation under non-structural mitigation measures. As per the SDMF Guidelines, the proposal must ensure at least 10% allocation towards non-structural mitigation measures to be incorporated in the proposal. ii. Remove the EWS Component since it involves holistic approach. iii. Geological Map of the total stretch of the river to be mitigated may be enclosed. iv. Where ample area is available construction of retaining walls should

							<p>be avoided.</p> <p>v. Justification of construction Gabion/ RCC walls may be given</p> <p>vi. Has the factor been taken into account as to how much scouring will increase because of shifting/ removing of rocks from the River bed surface.</p> <p>vii. It is suggested that Sand/gravel mix may be used for the base construction.</p> <p>viii. From where does the Implementing Agency proposes to source stones for Gabion walls.</p>
2	DDMA Kangra	Kangra	Land Mitigation Measures to meet Recurring Erosion due to Narad Khad to protect Nehran Pukhar to Bara via Bharoon road KM 2/350 to 2/400, 2/410 to 2/455 & 2/485 to 2/510 in Tehsil Dehra, District Kangra, Himachal Pradesh	Landslide Mitigation	HPPWD Division Dehra	84,12,129	<p><b>Not Approved</b></p> <p>Not admissible under the SDMF Guidelines.</p>
3	DDMA Kangra	Kangra	Providing Drought mitigation works to protect the ancient	Drought	Jal Shakti Division, Dehra	4,96,96,166	<p><b>Re-examine with following Observations/ Suggestions.</b></p> <p>i. The Committee found the presentation incomplete</p>

			ponds affected due to drought under JSV division Dehra, Teh. Dehra Distt. Kangra Himachal Pradesh				<p>and decided <i>only one pond, on a test basis, may be mitigated</i> to show the efficacy of the solution proposed.</p> <p>ii. Effective micro organism may be used and chemical treatment may be avoided.</p> <p>iii. The images are incomplete, which represents/ shows intake/ outlet for water.</p> <p>iv. How does the method proposed allow for aeration.</p> <p>v. I.A to find out effective techniques/ technologies like hydro isotopes for water properties evaluation, before initiating measures to mitigate</p>
4	DDMA Kangra	Kangra	Land Mitigation Measures to meet Recurring Erosion due to Majuhi Khad to protect link road Bhangtial Papeh Road (KM 0/160 to 0/190) in Tehsil Fatehpur, District Kangra, Himachal Pradesh	Landslide Mitigation	HPPWD Division Fatehpur	91,65,045	<p><b>Not Approved</b></p> <p>Not admissible under the SDMF Guidelines.</p>
5	DDMA Kinnaur	Kinnaur	Flood protection work to village Homtey (Right Bank) in GP Kafnoo Tehsil Nichar	Flood Mitigation	Jal Shakti Vibhag	2,51,88,427	<p><b>Approved</b></p>

			Distt. Kinnaur HP				
6	DDMA Kinnaur	Kinnaur	Providing Flood Protection work at Rangrik Temple in Charang, Tehsil Moorang, Distt. Kinnaur (HP). (SH:-C/O RCC Retaining walls).	Flood Mitigation	Jal Shakti Vibhag	4,83,36,482	Presentation could not be held due to internet connectivity issue at Pooh. TAC directed the Xen, JSV Pooh to send the presentation to SDMA through DDMA through Whatsapp/ E.mail for the evaluation by TAC members, through circulation.
5-7.	DDMA Kullu	Kullu	FLOOD PROTECTION WORK ON SAMEJ KHAD IN KULLU(HP)	Flood Mitigation	Jal Shakti Vibhag	4,02,64,919	<p><b>Approved in principle with following Observations/ Suggestions.</b></p> <p>i. Whether, there was Gabion / RCC structure(s) on the site to be mitigated earlier. If yes, what were the reasons for failure, if any.</p> <p>ii. HFL should be clearly indicated/ marked.</p> <p>iii. Justification for Gabion/ RCC wall across the stretch to be mitigated, may be provided.</p> <p>iv. Whether all bio-engineering solutions are proposed. alongwith tentative</p>

							costs. v. Other, Non-Structural measures proposed may be explained, alongwith proposed tentative costing
8.	DDMA Kullu	Kullu	FLOOD PROTECTION WORK ON KURPAN KHAD (RIGHT BANK) AT BAGIPUL IN KULLU (HP).	Flood Mitigation	JAL SHAKTI VIBHAG	5,92,30,321	<p><b>Approved in principle with following Observations/ Suggestions.</b></p> <p>i. Whether, there was Gabion / RCC structure(s) on the site to be mitigated earlier. If yes, what were the reasons for failure, if any.</p> <p>ii. HFL should be clearly indicated/ marked</p> <p>iii. Justification for Gabion/ RCC wall across the stretch to be mitigated, may be provided.</p> <p>iv. Whether all bio-engineering solutions are proposed. alongwith tentative costs.</p> <p>v. Other, Non-Structural measures proposed may be explained, alongwith</p>

							proposed tentative costing
9.	DDMA Kullu	Kullu	Flood Mitigation & Embankment protection work at vulnerable areas in Tosh village in Tehsil Bhuntar Distt. Kullu H.P	Flood Mitigation	Jal Shakti Division Kullu	1,71,42,390	<b>Approved</b>
10.	DDMA Kullu	Kullu	Landslide Mitigation measures along River Beas (Left Bank ) at Rangri & Batahar in Tehsil and Distt Kullu (H.P)	Landslide Mitigation	JSV Katrain	2,90,73,185	<b>Approved</b>
11.	DDMA Kullu	Kullu	Flood Protection Work on Vulnerable Reaches of River Beas to Protect the Public Properties and Reclaim the Culturable Land in Manali Distt Kullu HP	Flood Mitigation	JSV Katrain	2,43,37,50,000	<p><b>Approved in Principle with following Observations/ Suggestions for submission for funding under NDMF.</b></p> <p>i. Proposal includes very limited plantation under non-structural mitigation measures. As per the SDMF Guidelines, the proposal must ensure at least 10% allocation towards non-structural mitigation measures to be incorporated in the proposal.</p> <p>ii. Remove the EWS Component since it involves holistic</p>

							<p>approach.</p> <p>iii. Geological Map of the total stretch of the river to be mitigated may be enclosed.</p> <p>iv. Where ample area is available construction of retaining walls should be avoided.</p> <p>v. Justification of construction Gabion/ RCC walls may be given</p> <p>vi. Has the factor been taken into account as to how much scouring will increase because of shifting/ removing of rocks from the River bed surface.</p> <p>vii. It is suggested that Sand/gravel mix may be used for the base construction.</p> <p>viii. From where the Implementing Agency propose to source stones for Gabion walls.</p>
12.	DDMA Lahaul &Spiti	Lahaul &Spiti	Flood Protection Works At Vulnerable Points On Right Bank Of Karpet Nallah & Left Bank Of Miyar Nallah To Mitigate Flood Disaster In Karpet&Chhaling, G.P.	Flood Mitigation	JSV Division Keylong	8,47,48,740	<p><b>Approved in principle with following Observations/ Suggestions.</b></p> <p>i. Specific structure/ interventions are required on the school side to avoid any</p>

			Chimret Distt. L&S (H.P.				<p>damage to school in future</p> <p>ii. Detailed analysis of debris density shall be carried out and incorporated in the proposal</p> <p>iii. Non- Structural Mitigation Measures along with tentative cost may be outlined.</p>
13.	DDMA Mandi	Mandi	Landslide Mitigation Measures Near Government Pharmacy College administrative block ,staff residence and Girls Hostel Block	Landslide Mitigation	HPPWD Janjehli	5,96,13,821	<b>Not Approved</b>
14.	DDMA Mandi	Mandi	Landslide Mitigation Measures Near Auhun Village on Mandi Gagaj Chail Janjahli road (MDR -24) km 61/470 to 61/510	Landslide Mitigation	HPPWD Janjehli	50,74,754	<b>Approved</b>
15.	DDMA Mandi	Mandi	Landslide Mitigation Measures Near Lambathach Govt Degree College on Mandi GagajChail Janjahli road (MDR - 24) RD 73/120 to 73/270	Landslide Mitigation	HPPWD Janjehli	4,67,44,759	<b>Approved</b>
16.	DDMA Mandi	Mandi	Landslide Mitigation Measures Kelo dhar to Patikari Road km 10/150 to 10/450	Landslide Mitigation	HPPWD Janjehli	38,552,699	<b>Approved</b>






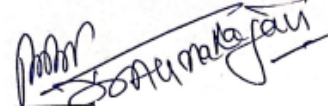

17.	DDMA Mandi	Mandi	Landslide Mitigation Measures Near Dezi Village on Thunag Punjot Lambashater Road km 1/450 to 1/650	Landslide Mitigation	HPPWD Janjehli	4,02,50,963	<b>Approved</b>
18.	DDMA Mandi	Mandi	Landslide Mitigation Measures Near Dharwarthach Village Panchayat Shili bagi Lambathach Shilibagi Kalhani road KM 12/930 to 13/010	Landslide Mitigation	HPPWD Janjehli	4,52,59,712	<b>Approved</b>
19.	DDMA Shimla	Shimla	Treatment of Landslide Prone and Sinking Zone at Lakkar bazar, Ridge Shimla	Landslide Mitigation	HPPWD Shimla Div. No III	4,94,68,646	<b>Approved in Principle with following Observations/Suggestions.</b> <ul style="list-style-type: none"> <li>i. The geotechnical investigations should be carried out at intervals of every 5 meters in the proposed patch/area.</li> <li>ii. The alignment of the drainage system needs to be verified, and a stress analysis of the rocks should be conducted.</li> <li>iii. Are the boreholes done in 2023 study still effective</li> <li>iv. Are the perforated pipes effective and for how many years.</li> <li>v. Bio-engineering mitigation Measures be taken</li> </ul>

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20.	DDMA Kullu	Kullu	Providing land mitigation work to protect landslide in village bandal and koshunaali in GP Sharchi tehsil Banjar Distt Kullu H.P. (SH:- C/O RCC Channel Kuhal Retaining wall, anchor block and RCC Chamber for drainage of water)	Flood Mitigation	JSV Larji	2,32,28,889	<b>Approved in Principle with following Observations/ Suggestions.</b>  i. Clarity on sub- surface drainage maybe given ii. Step wise collection of water sub- surface discharge
21	DDMA Kangra	Kangra	Land Mitigation Measures to Address Persistent Erosion Caused by Beas River to Safeguard Agricultural Land, Horticulture Cluster, And Pump Houses at Jakhota Along the Beas River bank	Landslide Mitigation	JSV Jawalamukhi	5,09,42,187	The DPR could not be appraised by TAC because it was received late. The TAC recommended the IA/DDMA to submit it timely for proper appraisal in next TAC
22	DDMA Shimla	Shimla	Improving weather observation and monitoring network in the State to improve Early Warning.	Flood Mitigation	JSV Shimla	13,71,00,000	<b>Approved</b>

**Note: All the proposals *approved in principle* are subject to submission of revised DPRs on the SDMF portal. The Implementing Agencies shall also remove the observations raised by TAC for its perusal/approval , through circulation method and incorporate suggestions, if any, which are feasible on the ground. The revised DPR may be submitted in seven working days. Discrepancy in the amount proposed in the DPR and shown in the table above may be brought to light to the PMU (SDMF) immediately by the IA/ DDMA.**

The DPRs from Sr. No. 1 to 22 were evaluated by the following experts :-

			
<b>Sh. Prashant Thakur,</b> Assistant Professor JNGEC, H.P	<b>Er. Ravi Bhushan Sharma,</b> Executive Engineer (EE), HPPWD- Horticulture Division, Shimla	<b>Dr. Hemant Kumar Vinayak</b> Associate Professor, NIT Hamirpur	<b>Dr. R.S Banshtu</b> Associate Professor, NIT Hamirpur
			
<b>Prof. Ashok K. Gupta,</b> Dean (A&R) JUIT Waknaghat	<b>Prof. A.K Mahajan,</b> Professor- Central University of Himachal Pradesh	<b>Sh. Bishan Das,</b> Superintending Engineer HPPWD	

**Chairman**



**Nishant Thakur**  
**Project Director, PMU (SDMF)**  
**-cum- Chairman TAC**