

Proceeding of the 21<sup>st</sup> Meeting of HP State Executive Committee (SEC) constituted under the Disaster Management Act, 2005 held on 14<sup>th</sup> December 2023 & 06<sup>th</sup> January 2024 in the CS Committee Room, HP Secretariat, Shimla under the Chairmanship of Shri Prabodh Saxena, Chief Secretary, H.P.

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List of the Participants is at Annexure-I

At the outset, the Additional Chief Secretary (Revenue) to the Government of Himachal Pradesh, Sh. Onkar Chand Sharma, welcomed the Chief Secretary-cum-Chairman, SEC, all the members of SEC, and other participants. The 21<sup>st</sup> meeting of the SEC was first conducted on 14<sup>th</sup> December 2023 but due to shortage of time the agenda item could not be completed. The SEC met again on 6<sup>th</sup> January 2024 and rest of the agenda items were taken up for consideration and decision. Sh. DC Rana, Director-cum-Ex-Officio Special Secretary (Revenue-DM) to the GoHP, presented the agenda to the SEC and SEC took up the agenda items for discussion. After detailed discussion, the following decisions were taken:-

**Agenda Item No. 21.1: Confirmation of the Proceedings of the Meetings of SEC held on 24 & 25 August 2023.**

2. The minutes of the last meeting of the SEC held on 24 & 25 August 2023 were placed before the SEC for confirmation. The SEC was informed that the minutes of the meeting were circulated to all concerned. No objection/ comments have been received from any quarter. SEC was requested to confirm the same.

**Decision**

3. The minutes of 20<sup>th</sup> meeting of State Executive Committee held on 24-25 August 2023 were noted and confirmed.

**Agenda Item No. 21.2: Action Taken Report on the 20<sup>th</sup> meeting of the SEC held on 24-25 August 2023**

4. Action Taken Report on the decisions taken in 20<sup>th</sup> Meeting of SEC held on 24-25 August 2023 is as under:-

  
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Agenda Item No.	Agenda Description & Discussions and Last Decision of SEC	Action Taken	Direction given in the 21 <sup>st</sup> Meeting
4.5	<b>FORMATION OF SEC SUB-COMMITTEE ON TECHNO LEGAL REGIME</b>		
4.5.1	<p>The Building Bye-laws as approved by the SEC be implemented immediately by TCP and UD and compliance reported within 2 months.</p> <p>Further, these Building Bye laws were be re-examined in view of current requirements, and need be amended and implemented in due course of time.</p>	<p>The Town and Country Planning Department has submitted inputs on the Draft Modal Building bye-laws, aligning with the T&amp;CP regulations. However, it is expected that the UD Department will adopt a 12-year pending agenda related to their department. The DM-Cell has taken up the matter with the Urban Development Department and reminders have also been issued.</p>	<p>The Chairman, SEC, highlighted the recommendation of PDNA document prepared for Monsoon Season-2023 and directed UD Deptt. to re-examine the Building Bye-laws in view of current requirements. In this regard, compliance reported from UD Deptt. may be submitted to DM-Cell within a month.</p> <p>TCP Department will also share initiatives taken by the Department post Monsoon 2023 disaster with the DMC.</p>
4.5.2	<p>TCP Department to ensure safe construction practices in rural areas and commercial activities to be brought under the ambit of TCP.</p>	<p>The T&amp;CP Department has apprised that the draft to regulate the construction in rural areas has been shared with Rural Development Department to seek their inputs for the same.</p>	<p>Since separate agenda item has been placed vide agenda No. 9.23 for the consideration of SEC, this item may be dropped from here.</p>
4.5.3	<p>RD to promote safe construction practices in rural areas as already directed.</p> <p>DDMAs to ensure safe construction practices in their respective jurisdiction and take steps to deal with vulnerable structures as per law.</p>	<p>No response from the Rural Development Department &amp; DDMA has been received.</p> <p>However, it was informed by the TCP Department that they have prepared and circulated draft guidelines for adoption by the Govt. for rural areas.</p>	<p>Follow up with RD and DDMA's is needed.</p> <p>ATR on guidelines prepared by the TCP for rural areas may be also shared.</p>
8.10	<b>Proposal on Hospital Safety Program.</b>	<p>The matter has been taken up with CBRI Roorkee and it has been requested to submit the proposal.</p>	<p>CBRI Roorkee may be requested to share the proposal for the Hospital Structural Safety Audit of Lifeline Buildings such as hospitals in Mandi, Kullu, and Lahaul &amp; Spiti Districts. The same will be presented in the next SEC meeting for discussion and deliberation on the retrofitting of critical infrastructure.</p>
8.16	<p><b>Structural/Safety Audit of Lifeline Buildings</b></p> <p>DM-Cell is advised to collaborate with additional technical institutions for conducting safety audit of lifeline buildings. Further, as CBRI Roorkee has completed its assigned work, it is advised that the services of CBRI be utilized for Mandi, Kullu and Lahaul &amp; Spiti Districts. This will help the department to meet timeline of the project.</p>	<p>Letters were also written to other technical institutions. Response of some institutions has also come. Action in the matter will be taken in due course now.</p> <p>Service of UNDP is being considered to prepare Hospital DMPs and carrying out capacity building of health professionals and officials.</p>	<p>Other technical institutions may also be involved to carry out these audits and DPRs got prepared for retrofitting.</p> <p>The Health Department is directed to appoint a nodal officer for the</p>

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	Health Department to appoint Nodal Officer to implement the Hospital Safety Scheme effectively, HP SDMA/DDMAs may assist the Health Department in implementing the Scheme. Issue of retrofitting will be discussed separately.	Secretary Health has also been requested to conduct one day sensitisation programme on Hospital Safety for all Health Administrators through DMC  Response from Health Department is awaited.	implementation of the Hospital Safety schemes across the State and work closely with DMC.
9.18	<b>White paper on Earthquake Risk Reduction</b>		
	A comprehensive compliance report regarding the status of the implementation of the recommendations stated in the white paper may be sought from the Stakeholder departments. This report should outline the progress made, any challenges encountered, and the planned course of action for moving forward and the same shall be placed in the next SEC meeting.	The DM-Cell has sent reminders on November 2, 2023 to all Administrative Secretaries, Heads of Departments (HoDs), and Deputy Commissioners (DCs) to submit the Action Taken Reports.	Sensitisation workshop with Nodal Officers of DM for all Departments be carried out to ensure compliance with Action Plan.
9.20	<b>INSTALLATION OF EARLY WARNING AND ALERT SYSTEM BY THE DAM AUTHORITIES IN THE STATE</b>		
	The SEC directed MPP & Power Department to submit action taken report as per the decisions taken in meeting held on 18 August 2023 under the chairmanship of Chief Secretary. The SEC specifically mentioned that the action against violations be taken in accordance with the guidelines provided by the Central Water Commission (CWC) and the Dam Safety Act of 2021 with the ultimate goal of promoting effective dam safety in all major dam sites of the State.	In compliance with the directions of the SEC, the DoE has formed a committee. The purpose of this committee is to inspect the early warning arrangements by the major dams and check violations. Following the inspection, the DoE will compile a detailed report to be submitted to the SEC.  The DoE has submitted report with the DMC.	The SEC noted the actions taken and decided to place the proceedings of the meeting scheduled for January 9, 2024, before the SEC in the next meeting. Additionally, it was directed that the findings of the inspection report be shared by the DoE with the National Dam Safety Authority. Furthermore, dam authorities found to be in violation are to be penalized in accordance with the existing rules and regulations laid down by the Government of India/State Government.  Since this matter was also taken up vide agenda item No. 20.7 too, it was decided to drop it from here.
9.22	<b>UTILISATION OF THE SERVICES OF RETIRED ENGINEERS FOR PROMOTING SAFE CONSTRUCTION PRACTICES IN THE STATE</b>		

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	<p>The SDMA and DDMA to immediately identify retired engineers, who are willing to provide their services and database of such engineers is to be placed on the websites of SDMA and DDMA. Further plan of action be developed to sensitize the general public about safe construction practices.</p>	<p>The DM-Cell has issued press releases to seek enrolment of retired engineers to promote safe construction practices.</p> <p>In addition to this, the DM-Cell has also developed a Google Form for enrolment of retired Civil engineers interested in offering their services. This form is accessible through a specific URL.</p>	<p>The SEC noted the actions taken and directed to seek details of retired engineers from the concerned departments so that they can be motivated to provide their services for safe construction practices in the State.</p>
9.23	<b>NEED OF REGULATION IN CONSTRUCTION IN RURAL AREAS</b>		
	<p>TCP Department to ensure safe construction practices in rural areas and commercial activities to be brought under the ambit of TCP.</p> <p>RD to promote safe construction practices in rural areas as already directed.</p>	<p>The T&amp;CP Department has apprised that the draft to regulate the construction in rural areas has been shared with Rural Development Department to seek their inputs for the same.</p> <p>Report from the Rural Development Department is awaited.</p>	<p>The Rural Development Department has been instructed to speed up reviewing the draft for regulating construction in rural areas, prepared by the T&amp;CP Department. The actions taken are to be shared with the DM-Cell at the earliest.</p> <p>TCP Department to share report on initiatives taken post 2023 Monsoon Disaster.</p> <p>ATR w.r.t.the regulation of commercial activities in rural areas be shared by the TCP Department.</p>
14.7	<p><b>SEHEME FOR PROMOTING AMATEUR (HAM) AND COMMUNITY RADIOS FOR "ALTERNATE COMMUNICATION DURING EMERGENCIES</b></p>	<p>The Hon'ble Chief Minister has launched the scheme of HPSDMA namely, "<b>Scheme for Promotion Amateur (HAM) and Community Radios for Alternative Communication During Emergency.</b>" This launch occurred on the International Day of Disaster Risk Reduction, which is October 13, 2023.</p>	<p>The SEC noted the action taken and decided to drop the Agenda.</p>
15.8	<p><b>Establishment of State institute of Disaster Management (SIDM) in the State.</b></p> <p>The establishment of SIDM is part of an External Aided Project AFD. The project activities are expected to commence in the next fiscal year, i.e. 2024-25, if approved by the Govt.</p>	<p>It was approved that the DM-Cell will select HIPA-Fairlawn for the establishment of SIDM.</p>	<p>SEC decided to drop the agenda</p>

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15.11	<b>Status of the Glacial Lakes</b> The SEC advised that the project proposal for activities related to GLOFs mitigation should be submitted by HIMCOSTE.	The HIMCOSTE (Himachal Pradesh Council for Science, Technology, and Environment) has submitted a proposal amounting to Rs 26.91 lakh on 21.10.2023. This proposal will be presented before the PAC for approval to get funds under the State Disaster Mitigation Fund (SDMF).	The SEC observed that the proposal is related to the promotion of R & D concerning GLOF-related hazards. However, critical sites require intervention such as the installation of monitoring equipment and early warning system, draining water from critical lakes, and conducting hydrological modeling in the case of a breach of the GLOF site. Therefore, HIMCOSTE is directed to prepare the proposal on a pilot basis for the most critical site.
18.3	<b>Constitution of State Disaster Response Force (SDRF)</b>	The agenda point has been integrated with the agenda point 20.6.	Since separate agenda item has been placed for the consideration of SEC, this item may be dropped from here.
18.18	<b>Setting up the Mitigation Division (Project Management Unit) for SDRMF Externally Aided Projects of SDMA</b>	PMU with some staff members has started functioning in the DMC.  RFP to hire PMC is being prepared.	The SEC noted the action taken and decided to drop the agenda
18.21	<b>Implementation of NDMA'S Up scaling of Aapda Mitra Scheme</b>	The SEC took note of the action taken.	SEC decided to drop the agenda
18.22	<b>NDMA's project on Emergencies Response Support System (ERSS) for disaster emergencies.</b>	The SEC took note of the action taken.	SEC decided to drop the agenda
18.23	<b>Internet allowances to Kanungos and Patwaris</b>	The SEC took note of the action taken.	SEC decided to drop the agenda
18.24	<b>Requirements of Funds under P&amp;CB head</b>	The SEC took note of the action taken.	SEC decided to drop the agenda
18.27	<b>Status update on the Landslide Mitigation Detailed Project Reports (DPRs) submitted to NDMA for approval under National Disaster Mitigation fund (NDMF)</b>	The SEC took note of the action taken.	SEC decided to drop the agenda
20.3	<b>Submission of the memorandum of Damages and Losses of Monsoon to GOI</b> The SEC noted action taken and accorded ex-post facto approval, items wise, to submit the memorandum to the GOI to seek assistance under NDRF.	Final memorandum of damages amounting of Rs 9909 Cr. has been submitted to the GoI, MHA.	SEC noted the action taken and decided to drop the agenda
20.4	<b>Approval of Expenditure Incurred under SDRF, SDMF and Preparedness and</b>	The SEC noted the amount disbursed/spent/utilized.	SEC noted the action taken and decided to drop the agenda

	<b>Capacity Building Fund</b>		
20.5	<p><b>Administration of the State Disaster Mitigation Fund</b></p> <p>(a) Approval was accorded for notification of Project Appraisal Committee and Technical Advisory Committees notified on 10.5.2023.</p> <p>(b) The DPRS for retrofitting of schools and health institutions amounting to Rs. 40.25 as</p>	<p>Funds amounting to Rs. 40.25 Cr. for earthquake retrofitting of Health and Educational institutions are being released to the PWD through the DC concerned.</p>	<p>The SEC noted the action taken and decided to drop the agenda.</p>
20.6	<p><b>Raising State Disaster Response Force (SDRF) and Setting up of National Disaster Response Force (NDRF)</b></p> <p>(a) There is urgent need that SDRF is raised as per the sanctioned strength at the earliest. They need to be further properly equipped and trained as per the need of the State.</p> <p>During Relief Commissioners Conference, the NDRF HQ has shared a vision document for HP SDRF. There is need to develop HP SDRF on those lines.</p> <p>(b) The deployment of HP Police personnel to SDRF should be made on NDRF pattern. The DGP is requested appropriate orders accordingly.</p> <p>(c) The PHQ may take up the matter with Home Department to provide risk allowance to SDRF personnel on Uttarakhand and Maharashtra pattern.</p> <p>(d) Similarly, strengthening of NDRF also needs to be expedited as per the need and requirement of the State. Construction of its campus at Rampur needs to be taken up on priority</p>	<p>The DM-Cell has sent reminder to on 2 November 2023 all the concerned to submit the Action Taken Reports.</p> <p>Response is still awaited from PHQ.</p> <p>The PHQ has not shared ATR.</p> <p>The PHQ has not shared ATR.</p> <p>The NDRF, has started infrastructure development in Singhla, for RRC-Rampur</p>	<p>As the Police department has initiated fresh recruitment of various positions and Police Department should fill up all positions of SDRF on priority.</p> <p>DGP may be requested to share ATR.</p> <p>DGP may be requested to share ATR.</p> <p>DGP may be requested to share ATR.</p> <p>SEC noted the action taken and decided to drop the agenda point.</p>

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	(e) DC Mandi to ensure prompt action on FCA case of NDRF land in Mandi.	The DC-Mandi has informed that the establishment of NDRF 14 <sup>th</sup> BN HQ at Behna has received in-principal approval from the Government of India. To obtain final approval, an amount of Rs 4,89,52,533/- needs to be deposited with Forest Department.	The matter may be referred to FD to seek funds.
20.7	<p><b>Establishment of Early Warning System (EWS) by the Specified Dam Authorities as per the CWC Guidelines 2015 and as per the provisions Dam Safety Act 2021</b></p> <p>a) This matter has been reviewed separately by the Chief Secretary in view of urgency involved and proceedings issued on 18th August 2023. The decision taken in the review meeting were ratified by the SEC for implementation.</p> <p>b) The DCs concerned were directed to assess damages and losses due to sudden releases and expenditure incurred on search and rescue and issue notice for loading the expenditure to the dam authorities as per the provisions of the DM Act or otherwise.</p> <p>c) Matter may be discussed with IMD to improve weather and seismic network in the State on Uttarakhand pattern and share proposed in next meeting of SEC.</p> <p>d) The districts may be advised to consider adopting Sri Kedamath Model of electronic surveillance and monitoring of Yatras/Temple complexes and share their thoughts/ATR on this</p>	<p>In compliance with the directions of the SEC, the DoE had formed a committee. The purpose of this committee was to inspect the early warning arrangements by the major dams. Following the inspection, the DoE has compile a detailed report and submitted copy to the DMC too. This matter is being taken up separately in a meeting fixed on 9<sup>th</sup> January.</p> <p>ATR from DCs is still awaited.</p> <p>Being put up as a separate agenda item.</p> <p>Proceedings were shared with all DDMA's.</p>	<p>The proceedings of the meeting to be held on 9<sup>th</sup> may be shared with the SEC.</p> <p>The DCs were directed to share ATR.</p> <p>This item may be dropped from here.</p> <p>The SEC directed to drop the agenda item.</p>
20.8	<b>Earthquake &amp; Other Disaster</b>	The DM-Cell has sent	All Administrative Secretaries, Heads

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	<p><b>Risk and Need of Mitigation &amp; Risk Reduction</b></p> <p>(a) The SEC accorded in principal approval to the action points proposed. Reviews review with Departments may be organised to expedite actions.</p> <p>b) Vigorous follow up of action plan contained in White Paper on Earthquake Mitigation may be done with stakeholder departments and SEC updated regularly.</p>	<p>reminder on November 2, 2023, to all Administrative Secretaries, Heads of Departments (HoD), and Deputy Commissioners (DCs) to submit the Action Taken Reports.</p> <p>Response is still awaited from all concerned.</p>	<p>of Departments (HoD), and Deputy Commissioners (DCs) to submit the Action Taken Reports before the next SEC meeting and the Status be apprised to Chairman on regular intervals.</p>
20.9	<p><b>Strengthening of Disaster Management Set up in the State</b></p> <p>The SEC took note of the proposed action and accorded its in-principal approval to the suggestions/proposals.</p>	<p>The SAD is yet to allot adequate space to the DMC.</p> <p>Action on other points is also awaited.</p>	<p>Reminders be issued to all concerned.</p>
20.10	<p><b>Celebration of the International Day for Disaster Reduction (IDDR) - Samarth 2023</b></p>	<p>The DM-Cell has successfully conducted 13<sup>th</sup> edition of SAMARTH w.e.f. 1 to 15 October 2023 across the State.</p>	<p>SEC noted the action taken and decided to drop the agenda</p>
20.11	<p><b>Circulation of revised Norms of Assistance notified by the DM Division of MHA GOI for SDRF/NDRE.</b></p> <p>(a) The SEC approved the proposal for circulating the MHA norms retaining the items on which state gives over and above the MHA norms.</p> <p>(b) The matter may also be taken with MHA, GOI to increase the ceiling of expenditure in state specific disasters from 10% to 30%</p>	<p>Revised norms have been circulated on 17<sup>th</sup> October 2023, and matter regarding enhancing allocation for State specific disaster has been taken up through Hon'ble Chief Minister with Union Home Minister, GOI to raise the ceiling.</p>	<p>SEC noted the action taken and decided to drop the agenda</p>
20.12	<p><b>Working to reduce Vulnerability by Simulation Exercises</b></p>	<p>Bidding document needs to be prepared to hire agency to carry out the study. Action in the matter is yet to be initiated.</p>	<p>The SEC has desired to speed up preparing the bidding document to hire an agency for conducting simulation exercises studies.</p>
20.13	<p><b>Investment of Funds under SDRF/SDMF as per the Guidelines issued by MHA, GOI through the Reserve Bank of India</b></p> <p>(a) The SEC approved that out</p>	<p>The SGL account shall be opened at the earliest as RBI has shared the Documents via mail on 21.12.2023.</p>	<p>The SEC took note of the action taken and decided to drop the agenda item.</p>

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	<p>of the available SDMF funds, 50% amount of Rs. 68.62 Cr and 81.40 Cr of State Disaster Response Fund may be considered for investment in Treasury Bills (91 days) through RBI.</p> <p>(b) The DM-Cell may ask the RBI for the creation of a separate SGL (Subsidiary General Ledger Account) for the investment of SDRF/SDMF prior to making any investments to avoid mixing of funds and maintaining proper accounts.</p>		
<p>20.14</p>	<p><b>Utilizations of Funds of SDRF/NDRF and Interest money lying in Bank Account of Deputy Commissioner and SDMs.</b></p> <p>(a) Excess/unwanted unspent fund lying in bank account (including interest earned on SDRF/NDRF funds) be recalled from all the Deputy commissioners and the departments.</p> <p>(b) The SEC delegated the power to the Principal Secretary (Revenue) to the GoHP to release the funds surrendered by the districts.</p> <p>(c) It was further decided that the surrendered funds will be further allocated to the districts where there is demand.</p>	<p>As per information collected by the DM-Cell approximately 128 Crores were lying in a bank account of respective district/departments during April 2023. During the monsoon season, some of this amount was utilized by the district/departments. Except Kullu &amp; Una District, an amount of Rs 31.34 Cr was surrendered by the respective district to the DM-Cell, and it is being reallocated to other districts and departments.</p>	<p>The SEC took note of the action taken and decided to drop the agenda item.</p>
<p>20.15</p>	<p><b>Regarding HPSDMA (Covid-19) State Disaster Response Fund</b></p> <p>The SEC decided that funds available in district generated for COVID-19 be recalled from the districts and deposited in HP-SDMA COVID-19 SDRF account so that these funds can be used during disaster situation as and when required.</p>	<p>The DM-Cell has initiated correspondence with the respective districts regarding the COVID-19 fund. As of now, Chamba and Kullu districts have surrendered the amount, while the rest of the districts have not done so. Reminders to those districts have been issued.</p>	<p>The SEC decided that the remaining funds should be utilized by the DM-Cell during a disaster situation, as and when required since this fund has been opened under DM Act, 2005, to prevent audit objections.</p> <p>The agenda item was dropped.</p>

  
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20.16	<b>Administration of Preparedness and Capacity Building Funding Window under the (NDRF) and (SDRF) based on the recommendations of Fifteenth Finance Commission (XV-FC) for the financial year 2021-22 to 2025-26.</b>		
	a) The SEC accorded approval to release funds to SDRF for purchase of equipment as per their estimate.	Rs. 12.65 has been released to the SDRF on 16 <sup>th</sup> September 2023.	The SEC noted the action taken and decided to drop the agenda.
	a) The proposal of purchase of 13 No. of Bailey Bridges submitted by Principal Secretary (PWD) was approved.	Rs. 19.81 Cr has been released on 16.09.2023 to HP-PWD from the Preparedness & Capacity Building window of SDRF.	The SEC noted the action taken and decided to drop the agenda.
	b) The MD HP-SEDC was asked to carry out pilot in 3 districts initially and re-submit proposal accordingly	The HP-SEDC has submitted a proposal amounting to Rs 2.12 Crore for three districts. The DM-Cell has planned to present this proposal before the SEC in the 21 <sup>st</sup> meeting, with the intention of seeking further directives related to the proposal.	Since, separate agenda item has been placed at 21.10 (b) for the consideration of SEC, this item be dropped from here.
	c) The SEC also allowed to get activities proposed by UNDP w.r.t up-dation of DMPs, Implementation of Hospital Safety & School Safety components, Techno-legal regime, Organisation of Exposure visit, etc. executed through it on actual cost basis.	In this regard, DM-Cell conducted meeting on 30 October 2023 with UNDP & stakeholder departments and asked UNDP to submit the proposal which has been submitted by the UNDP on 6 November 2023. The proposal is being presented in the meeting of the SEC.	Since, separate agenda item has been placed at 21.10 (d) for the consideration of SEC, this item be dropped from here.
	d) The SEC has noted and accorded approval to the amount disbursed/ spent/ utilized. Further, the Principal Secretary (Revenue) was authorized to release funds to implement various schemes being run by HP SDMA.	No Action required	The agenda was dropped.
20.17	<b>Ratification of an order issued by Chairman, SEC to regulate the Stone Crusher Activities</b>	The SEC accorded its ex-post facto approval.	The agenda item was dropped.

  
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**Agenda Item No. 21.3: Project Proposals under State Disaster Mitigation Fund for Approval**

5. The SEC was informed that the State of Himachal is prone to various hazards both natural and manmade. The main hazards consist of earthquakes, landslides, flash floods, snowstorms and avalanches, draughts, dam failures, fires, and accidents-road, etc. The hazard which, however, poses biggest threat to the State is the earthquake hazard, fire, flood and landslide. The State has been shaken by more than 80 times by earthquakes having a magnitude of 4 and above on the Richter scale as per the recorded history of earthquakes.

6. That this year due to floods and landslides, a massive landslide destroyed roads and buildings in the state. As per the Memorandum of loss report of HPSDMA, there was estimated damage of Rs 9905.77 cr.

7. The SEC was also informed that to mitigate such type of hazards under the DM Act, 2005, State Disaster Response Fund (SDRF) and State Mitigation Fund (SDMF) have been notified dated 10.5.2023. The DM Cell has also notified Project Appraisal Committee (PAC) and Technical Advisory Committee (TAC) in accordance with SDMF guidelines. These committees have been evaluating the proposals being received in DMC. Summary of the proposals (DPRs) recommended for sanction by the TAC is as under:-

Sr. No.	Name of the Districts	Hazards	Recommended DPR	
			Recommended Projects (in No.)	Funds Required (in Rs)
1	Chamba	Landslide	2	55530598
		Flood Protection	2	61076710
		<b>Total</b>	<b>4</b>	<b>116607308</b>
2	Hamirpur	Flood Protection	2	137649400
		Drought	1	100000000
		<b>Total</b>	<b>3</b>	<b>237649400</b>
3	Kangra	Landslide	2	127199150
		Flood Protection	7	257736280
		<b>Total</b>	<b>9</b>	<b>384935430</b>
4	Kinnaur	Landslide	1	25365500
		Flood Protection	3	101209766
		Fire Safety	2	26955358
		<b>Total</b>	<b>6</b>	<b>153530624</b>
5	Kullu	Landslide	1	84348346
		Flood Protection	11	753991006
		<b>Total</b>	<b>12</b>	<b>838339352</b>
6	Mandi	Food Protection	9	198099166
7	Solan	Flood	1	40700000
8	Una	Flood Protection	4	185560000
<b>Grand Total</b>			<b>48</b>	<b>2155421280</b>

**Rs. 215.54 Cr.**

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Hazard wise, summary of approved and recommended DPRs by TAC is as under:-

Hazard	No of Recommended	Estimated amount in Rs	Percentage of Allocation (%)
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	Projects		
Landslide	6	292443594	13.57
Flood Protection	39	1736022328	80.54
Drought	1	100000000	4.64
Fire Safety	2	26955358	1.25
<b>Total</b>	<b>48</b>	<b>2155421280</b>	<b>100.00</b>

Detailed list of the project wise proposals for consideration under SEC is enclosed as **Annexure II.**

8. In addition to this 5 No. of proposals amounting to Rs. 126 Crore as per Annexure III have been recommended for taking up the matter with GOI under NDMF. In order to send these proposals to GOI, commitments of the state to contribute @ 10% is needed for which the matter needs to be taken up with FD for concurrence, if so approved.

9. It was also brought to the notice of the SEC that the State will roughly receive around Rs. 750 Cr, out of which 250 Cr. is exclusively for landslide and seismic risk mitigation. As of now 41 projects worth 112 Cr. have been approved by the SEC in various meetings whereas in the 20<sup>th</sup> meeting of SEC approved DPRs of approx Rs. 40 Cr pertaining to earthquake retrofitting of life line buildings of Hamirpur, Kangra, Kinnaur, and Sirmaur districts. Presently the detail of funds available under HPSDMA is Rupees 138 crores, to mitigate the various hazards under SDMF. Funds amounting to Rs. 100 Cr. approx. is due for this year. Rs. 150 Crore is due under earthquake and landslide mitigation under special grant.

10. It is pertinent to mention here that due to the extreme monsoon events this year, most of the DPR proposals received by the HPSDMA from the Implementing agencies are under the category of flood mitigation. Approximately 80% of the funds have been sought for mitigating flood hazards only. During the 2nd TAC meeting, experts recommended the 48 DPRs for consideration by the SEC.

*As per the SDMF guideline mentioned on page 4 para 2 Sr. No II, that in a year, not more than 50% of SDMF may be utilized for measures/projects to mitigate risks from a single hazard. However, this stipulation may be relaxed by the Ministry of Home Affairs on the recommendations of Sub Committee of National Executive Committee (SC-NEC), based on the written request of the State with proper justification.*

11. If SEC deems fit, we may request the Ministry of Home Affairs (MHA) for relaxation of fund utilization under the State Disaster Management Fund (SDMF) for more than 50% in the case of a single hazard read: Flood mitigation.

12. However, The SEC may approve DPRs amounting to Rupees 215.54 Cr as detailed above. As desired by the Chairman SEC on 14.12.2024, the District Administration Chamba, Kullu, and Mandi have presented two Detailed Project Reports (DPRs) each before the SEC. After presentation & due deliberation, following actions were taken:

#### Decision

- a) 48 DPRs amounting to Rs. 215.45 Cr. were approved for sanction and release of funds.

- 7
- b) Critical mitigation proposals such as DPRs for Kali Ghar-Chamba & Chhruru-Kullu, should be technically vetted and supervised by technical institutions such as CBRI Roorkee, IIT-Mandi, NITTR, and NIT Hamirpur, etc.
  - c) Detailed Project Reports (DPRs) proposed under the National Disaster Mitigation Fund should be submitted to MHA/NDMA after getting concurrence of the Finance Department.
  - d) The Project Management Unit (PMU, SDMF - DM-Cell) is directed to explore the possibility of funding a DPR preparation PWD DPR preparation rate.
  - e) Matter may be taken up with Govt. of India to relax the condition of the provisions of page 4 para 2 Sr. No II of the guidelines in view of the situation explained.

**Agenda Item No. 21.4: Renaming/Re-designation of the name of the post of Deputy Programme Manager to Project Director- Project Management Unit(SDMF)**

13. The SEC was apprised that the PMU to manage Mitigation Fund has been constituted in July 2023 to manage the fund under the HPSDMA after the getting the approval of the CMM. It was also decided that the PMU shall be headed by the HPAS officer under the supervision of HPSDMA and he/she will be designated as a Deputy Programme Manager. As per the guidelines of SDMF, mandate of the PMU is as under:

- Overall monitoring and coordination of mitigation projects at the national, state and district levels, and host decision support system for all the investments in mitigation.
- Setting up the Project Appraisal Committee (PAC) and Develop a Roster of Consultants for technical support;
- Inviting project proposals, conduct preliminary scrutiny and coordinate with the Project Appraisal Committee (PAC) for technical review of the project;
- Coordination with Project Approval Committee for appraisal of selected projects
- Monitoring of implementation of Mitigation Projects;
- Set-up and manage a National Mitigation Portal for submission, approval, funding and monitoring of the project proposals at all stages;
- Monitor fund utilization and facilitate Disaster Management Authorities to manage the Mitigation Funds, raise additional resources, and suggest improvement in Mitigation Strategy,
- Facilitate Research and Development in the field of Disaster Mitigation

14. In this regard, the SEC is requested for renaming of the current position of Deputy Programme Manager to **Project Director, Project Management Unit (SDMF)** so that the HAS Officer appointed can be properly designated and work of the PMU can be run smoothly.

**Decision**

The SEC approved the proposal.

  
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**Agenda Item No. 21.5: Streamlining and expediting the financial approval process within PMU**

15. The SEC was informed that in order to streamline and expedite the financial approval process within PMU, ensuring more efficient operations, the current title and approval limits may not align with the scope of responsibilities and financial decisions required in the role. By making this adjustment, we can enhance our efficiency and decision-making capabilities

16. Additionally, it is also requested that the Deputy Programme Manager or if re-designated as Project Director he/she may be granted the authority to approve financial sanctions up to the limit of Fifty thousand only (Rs.50,000) per month, towards meeting office and miscellaneous expenditure of the Project Management Unit from Management cost component of the SDMF Funds.

**Decision**

The SEC approved the proposal.

**Agenda Item No. 21.6: Preparation of Landslide Mitigation DPRs – Proposal of IIT Mandi**

17. The SEC was informed that HPSDMA has received various proposals to mitigate landslide hazards. During the two meetings of the TAC (held on 4<sup>th</sup> and 5<sup>th</sup> Aug and 26<sup>th</sup> Oct 2023) it was observed by the expert that the DPRs for landslide mitigation under SDMF are not as per the requisite formats. Consequently, there is a need to enhance the capacity of departments in the preparation of DPRs to ensure that they meet the required standards and formats

18. A proposal for capacity building and develop capacity in the State to prepare DPR was received from the IIT Mandi amounting to Rs. 2.00 crore. The proposal has been discussed with IIT Mandi. In this context, PMU requested the IIT Mandi for detail presentation against their proposal which was pertaining to establish LAB and to prepare the DPRs. In this context, PMU has constituted the expert committee (PWD, JSV, HIMCOSTE, and HPIDB) to evaluate the proposal.

19. The IIT Mandi was directed by the committee to revised the proposal and resubmit accordingly. The revised proposal looks very much similar as previously submitted by them.

**Budget**

Equipment charges

Sr. No.	Name of Facility	Budget (in Lakhs)
1.	Multi-Channel Analysis of Surface wave	30
2.	Drone based LiDAR mapping	60
3.	Flac2D and workstation (2 numbers)	25
4.	Dynamic Back Pressure Shear box apparatus	85
5.	Institute overheads (20%)	0
		200

Consolidated Charges: 10 lakhs + 20% (institute overheads) + 18% (GST) = 14.16 lakhs for DPR

**Assumptions of the Proposal:**

1. The site locations in Mandi, Kullu and Bilaspur, far locations need more cost for travel and logistics
2. At least 15 DPRS are targeted per year after initial six months for procurement and training.
3. Also includes charges for involving external experts on a case-to-case basis.

#### Timeline for Implementation:

- 0-6 months for procurement and manpower training with 4 DPRS
- 12-15 DPRs per year thereafter

#### Benefits to the state

- IIT Mandi has all the facilities required for lab testing, to the basic requirements and will extend the facility to host the new facilities.
- These facilities will be set under the 'State Resources Centre', accessible for HP state line departments for their works. Travel and logistics shall be borne by the agency for use and transfer back to the facilities
- At the outset, IIT Mandi will extend feasible discounts on the user and testing charges (in annexure A, for HP State line departments for the facilities established by IIT Mandi. Other consultancy and manpower charges shall be the same as earlier.
- IIT Mandi can take up the capacity building and training for other institutions and departments on DPR preparation to develop a systematic and in-house efficiency in managing Landslide DPRS and others.

#### Cost Benefit Analysis

- The cost for preparation DPR for landslide mitigation per site should be 32-35 lakhs, which has been reduced to 14-15 lakhs. Hence, from the 16th DPR, the per DPR cost is reduced to 50%.
- The time for tender, processing, verification and awarding of the work is significantly reduced per the acceptance of the proposal, MoU and project award.
- The training charges of the experts will not be charged for capacity building on landslide mitigation DPR preparation, which is a significant amount as the experts are from IIT up to 2 days and twice a year.
- User and testing charges for the line departments at a reduced cost (up to 25%) on the facilities developed by IIT Mandi as listed in Annexure A, shared with all organisations, including NHAI, BRO and others.

20. The matter was placed for the consideration of the SEC.

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The SEC considered the proposal and it was felt that there is need to create capacity in the State for landslide mitigation which is non-existent as on today. Whereas, there is huge work to be done for landslide mitigation in the State. There is need to train the Engineers of the HP PWD and other Departments to

prepare the landslide mitigation DPRs. As such in order to build the capacity of the State for landslide mitigation which includes training and capacity building of State Engineers and equipping IIT Mandi with adequate equipment, it was decided to fund the proposal from Preparedness and Capacity Building window of SDRF.

**Agenda Item No. 21.7: Monsoon Disaster, Lessons Learnt and Need for Building Resilience**

**Monsoon**

21. The SEC was briefed about the details of the Monsoon season-2023 disaster as under:-

- **Arrival of South West Monsoon in Himachal:** Monsoon advanced in most parts of HP on 24.06.2023.
- From 1<sup>st</sup> June 2022 to 24<sup>th</sup> June 2023 State had received 78.2mm rainfall which is 10% above normal.
- State received heavy precipitation during the months of July to August in different three spells.
- **Rainfall Status during 7-11 July 2023:** Active to vigorous monsoon conditions prevailed in Himachal Pradesh during 7-10 July 2023 with widespread rainfall of very heavy to extremely heavy rainfall in most parts of State during this period. State received 734.4 mm of rainfall as long period average during monsoon season (June-September) period 1971-2020. Out of total average rainfall of 734.4 mm state received 223 mm of rainfall against its normal rainfall of 41.6 mm only in 4 days viz., 7-11 July 2023 with deviation of 436% which is unprecedented as per records. All district of state have received large excess rainfall with highest rainfall in district Kinnaur, Kullu, Solan. District Kinnaur and Lahaul & Spiti have received 43% and 33% of total average rainfall during these four days which is all time high.
- **Rainfall Status during 11-14 August 2023:** Normal to vigorous monsoon conditions prevailed in Himachal Pradesh during 11-14 August 2023 with widespread rainfall. State received 107.2 mm of rainfall against its normal rainfall of 41.7mm only in 4 days viz. 11-14 August 2023 with deviation of 157% which is unprecedented as per records. District Kangra, Kullu, Mandi, Hamirpur, Bilaspur, Solan, Shimla of state have received large excess rainfall.
- The State again suffered massive destruction during **22-26 August 2023**. District Kangra received highest rainfall amount viz., 720.4 mm while district Bilaspur received highest rainfall departure (89%) against normal rainfall. District Bilaspur, Hamirpur, Mandi, Shimla & Solan also received excess rainfall during this period.

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- There have been numerous events of extreme rainfalls leading to cloudburst, flash floods, floods, mudslides, landslides and land subsidence.
- Monsoon departed from the state on 6<sup>th</sup> October 2023 with around 20% excess rainfall.

22. Damages and Losses reported during the Monsoon 2023 were as under:-

- Himachal receives monsoon rains from June to September which are very beneficial for the state but at the same time monsoon invariable also leaves a trail of devastation affecting lives, livelihood and infrastructure. Every year the state suffers large scale damage to its infrastructure due to monsoon. On an average, the loss is to the tune of Rs. 1,000/- crore.
  - However, this year the state has suffered direct damages to the tune of around Rs. 10,000 crore and if we add indirect loss then this figures will go beyond Rs. 12,000/- crore. Livelihood sector has been severely impacted; tourism activities have been totally disrupted. Disruption of roads and utilities have caused huge damage and loss to Power, Industrial, Horticulture and Agriculture Sector too.
  - 18024 KMs of road length, 126 bridges, 300 No. of culverts were damaged leading to damages of Rs. 2950 Cr.
  - 11863 WSS, 2856 irrigation schemes were damaged and total damage was assessed at Rs. 1419 Cr.
  - 8498 Ha of agriculture land was washed away. Agriculture and horticulture crops suffered huge losses. Damage was assessed to Rs. 530 Cr.
  - Power sector also suffered huge damages and losses. Kilometers of power lines were damaged, around 21000 LT poles and 1292 DTR were damaged. Total loss was assessed at Rs. 1770 Cr.
  - 374 community assets 264 educational institutions, 218 health institutions were also damaged.
  - The State has suffered huge and unprecedented devastation resulting in loss of precious human live and damage and loss to public and private property. As on 5<sup>th</sup> October more than 509 people have lost their lives and 39 are missing. This year around 114 deaths took place due to landslides alone which are unprecedented. More than 21,000 livestock including 11,000 poultry birds have perished. More than 3,000 houses have been completely destroyed and more than 12,000 houses have been partially damaged.
- Large number of villages in district Mandi, Solan, Kangra and Shimla have been completely ruined due to land subsidence. More than 200 villages have been damaged due to land subsidence rendering affecting 1772 households and involving around 12,000 persons. More than 295 families

involving around 3000 persons were housed in relief camps. Many relief camps are still in operation. Many villages have been destroyed making them uninhabitable.

- This is unprecedented in the State. This kind of damage and loss has not been witnessed in the recent past. In addition to the major state and district roads, all National Highways – Kalka-Shimla, Ropar-Manali, Pathankot-Mandi, Kangra-Shimla have been badly affected hampering movement of people, goods, and services. Connectivity to Kullu and Lahaul Spiti districts have been severely impacted.
- The extent of damage was so much that the State issued a notification on 18<sup>th</sup> August 2023 declaring the whole State of Himachal Pradesh as “Calamity Affected”.

23. Main Reasons for the Unprecedented Damage and Loss: Some of the reasons for such a large scale damage and destruction are as under:-

- **Excess and Intense Rainfall:** The state received excess rainfall in the pre-monsoon period spanning from March to May which was 19% excess than the normal. The soil conditions were already saturated when the monsoon hit the State on 24<sup>th</sup> June 2023.
- **Extreme Events:** The State experienced many extreme weather event such as intense rainfall activities, cloudburst and flashflood events leading to landslides, mudflows, floods, land subsidence resulting in damage to public and private property.
- **Poor Drainage System:** In many cases it was noticed that poor or improper drainage, construction in or around drainage, encroachment of drainage, and absence of the provisions for drainage of storm water was missing in the disaster affected areas.
- **Poor Construction Quality of Houses:** It has also been noticed that the damage to houses has happened mainly due to many reasons, namely,
  - ✓ The houses were constructed on unsafe locations,
  - ✓ The foundation of houses were not on solid/in-situ rocks,
  - ✓ The quality of construction was poor,
  - ✓ The RCC houses have constructed by untrained masons – RCC houses can only be designed and constructed under the supervision of qualified Engineers.
- **Unsafe Locations for Construction of Houses:** In many cases houses have been constructed in steep slopes, comprising unconsolidated material, near *nullahs* and streams and construction on areas prone to landslides and land subsidence. Traditionally these locations were avoided by our forefather because these locations are not assumed to be suitable for safe constructions.

- **Discarding Traditional Construction Practices:** Our forefathers had mastered the art of safe construction practices after experiencing various disasters such as earthquakes, landslides, land subsidence, etc. Houses constructed with 'Dhaji wall' and 'kath kuhni' are a living example of it. With change of time and availability of new construction material, we have abandoned and discarded the traditional wisdom.
- **Unscientific Cutting of Hills and Slopes:** Unscientific cutting of hills and slopes is one of the reasons for landslides which is damaging houses and other public and private properties.
- **Unscientific Disposal of Construction and Demolition Waste:** A lot of construction and demolition waste by way of hill/slope cutting – construction of roads, construction and reconstruction of houses, and other construction projects is being generated in the state. Instead of disposing it scientifically i.e. recycling it or dumping it in designated dumping sites, it is being rolled down the hills or being dumped in unsafe locations. This muck is causing havoc downstream damaging water supply schemes, habitations and infrastructure, besides causing landslides.

**Lessons Learnt**


24. Due to the unprecedented nature of the disaster, the Disaster Management Cell (DMC), Department of Revenue, has closely followed the disaster, monitored the type and nature of damage and loss and response of various agencies. Besides, various civil society organizations have also sent their concern to the DMC. In DC and SP Conference held on 10<sup>th</sup> October 2023, presentations were made by the districts about learning from the disasters. Based on these feedbacks, following points emerge for taking action in future to deal with disasters more effectively and efficiently:-

**(a) What has Helped**

- i) Pre-positioning of SDRF and NDRF
- ii) Satellite Phones provided emergency communication at critical time and locations

**(b) What Could have been Done**

- i) Adequate storage of relief material such as tents, tarpaulin, bedding, utensils, etc.
- ii) Advance distribution of ration in vulnerable locations – taking the ration to many locations using IAF choppers proved a very costly affair.
- iii) Functional V-SATs of Police could have provided critical communication but in most the locations, they were down.
- iv) With the help of TSPs, mobile BTCs could be pre-positioned in critical and remote location and would have filled in the communication gap.

  
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**(c) Factors that contributed to the damage/destructions**

- i) The Dam Authorities had no monitoring network of incoming water, taking informed decision to release water timely, EWS to alert populations downstream as mandated under CWC guidelines of 2015 and provisions of Section 35 of Dam Safety Act 2021.
- ii) Vulnerable infrastructure and locations - Infrastructure projects such as WSS Schemes, irrigation projects, specifically plant and machinery were located at flood plains. The road network lacked slope stabilization and protection measures such as retaining and breast walls. Steep, and unscientific hill cutting destroyed road and other infrastructures. The road network, specifically lacked adequate storm water management.


**(d) Remedial/Preparatory Measures Needed**

- i) The Dam Authorities need to set up Monitoring Network and set up EWS as mandated under law. Besides, River Basin wise Monitoring and EWS integrating the network of all dam/power projects need to be put in place immediately.
- ii) Highway projects can be brought under the EIA Notification of the MoEF & CC to minimize huge damage caused to the 4 lane projects in HP.
- iii) Risk Based land use planning should be carried out and development projects should be hazard resistant.
- iv) National Building Codes should be incorporated in Building Bye-Laws of all ULBs. Safe Construction practices should be promoted and enforced in rural areas. Effective Compliance Regime need to be institutionalized to ensure safe construction practices in the State.
- v) There is need to promote traditional contraction practices such as *dhajji wall* and *kath kuhni* besides, all building being constructed by individuals without the help of engineers should be confirmed masonry buildings.
- vi) Slope stabilization should be integral part of all development works, specifically in road construction and widening. This should be coupled with adequate storm water management and muck management. Local arrangement of muck management needs to be ensured.
- vii) Matters should be taken up by the HPPWD with GOI to keep the provisions of slope stabilization, drainage management, muck management and crash barriers in all projects

to be sanctioned to the State to build resilience and avoid collateral damages in future due to road constructions. These practices need to be adopted in all National Highway Projects too.

- viii) All construction should be ensured above HFL and at safe distance from the water channels and rivers. No construction should be allowed over the drainage. This needs to be regulated by enactment of law.
- ix) All low lying areas within the flood plains at river terraces should be identified and mapped.
- x) No construction should be allowed in steep and unconsolidated slopes. Steepness of slopes needs to be checked on all directions of the plot. Report of Geologist should be made mandatory for all construction in urban and peri-urban areas, and all Govt. and commercial buildings in the entire State.
- xi) There is need to take up large scale landslide mitigation activities.
- xii) SOPs need to be put in place to remove Old building stock.
- xiii) There is urgent need to upgrade monitoring network of IMD, CWC and GSI in the State to improve weather, flood and landslide forecast.
- xiv) In order to improve response, one Company of NDRF needs to be stationed at Shimla keeping in view high vulnerability of Shimla city.
- xv) SDRF needs to be raised to its full strength immediately, trained and equipped.
- xvi) We need to improve our response capacity, from local to State – training and equipment of HHGs, Civil Defence, Fire Services, Mountaineering Sub Centers, Police Stations, IRBs HQs, etc.
- xvii) There is need to take up large scale landslide mitigation activities.
- xviii) There is need to work out plan to deal with old and vulnerable trees in Shimla city.
- xix) In order to safeguard individual loss, particularly in housing sector and damage to vehicles, risk transfer should be made available and popularized.
- xx) Flood level experienced this time will be marked at prominent and permanent place like bridge, building or any other structure so that it acts a reminder to the general public and all concerned.

25. The Recommendations of Post Disaster Needs Assessment (PDNA) Document were shared with the SEC as under:-

  
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Some of the **gaps and challenges observed during 2023 disaster** and interventions required to achieve effective DRR mechanism are as under:-

- Lack of Recognition of Himalayan Ecology in Development Activities.
- Sporadic and State-Wide Incidents of Landslide
- Lack of Comprehensive Early Warning Systems in Place.
- Lack of River Boundaries and Floodplains.
- Lack Of Insurance as A Risk Transfer Mechanism For Housing, Crop And Community Infrastructure
- Implementation And Efficacy of Town And Country Planning Act In Himachal Pradesh

#### **Immediate Disaster Risk Reduction Interventions required**

1. State-Wide Landslide Risk Mitigation Program
2. Strengthening Community-Based Disaster Risk Reduction Measures
3. Joint Initiatives for Optimising Road Design
4. Strengthening The Early Warning System
5. Establishment Of Floodplain Management Guidelines
6. Strengthening Town And Country Planning Act and Building By Laws For Urban Disaster Risk Reduction
7. **Establishment of Local Hill Area Development Authorities**
8. Forecast Based Dam Management Systems
9. **Establishment of A Himalayan Centre For Disaster Risk Reduction**

#### **Long -term Disaster Risk Reduction Interventions required**

1. Demarcation of Floodplains, River boundaries & Channelization
2. State wide Landslide Risk Mitigation Programme.
3. Vision for Urban DRR through Risk Governance Approach.

26. It was apprised to the SEC that the document has been circulated to all ADs, HODs and DC. It is proposed to implement learning of the monsoon including sector wise prescription given in PDNA document and in view of the immediate DRR interventions required such as Establishment of Local Hill Area Development Authorities and Establishment of a Himalayan Centre For Disaster Risk Reduction as suggested as part of immediate actions, the Proposal is submitted for considering of establishing a Centre to Conduct Scientific Assessments, Studies and guide Disaster Risk Reduction measures all across the State as part of the outcome of the PDNA exercise carried out post 2023 disaster.

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- a. The leanings of the Monsoon 2023 Disaster may be shared with all concerned, department wise, for implementation. ATR be sought within a period of 2 months from all concerned.

- b. The SEC granted in-principle approval for Establishment of a Himalayan Centre for Disaster Risk Reduction in Himachal Pradesh Institute of Public Administration (HIPA). It was desired a concept note in this regard be shared with Director HIPA for comments and feedback.

**Agenda Item No. 21.8: Improving Emergency Response - Designation of Response Centers.**

27. The SEC was informed that the State faces many challenges for disaster response due to topography and varied nature of hazards. There is need to prepare the State for big disasters, such as earthquakes, which can paralyze our response system, if we don't plan comprehensive response system. In order to improve emergency response, and to reduce the response time we need to designate and equip as many agencies for response as possible. There are 356 number of emergency related Govt. agencies which can be designated response centers located at different locations of the state, as listed below:

Sr. No.	Name of the Organizations	No. of Presence Points
1	Fire Station	22
2	Sub – Fire Station	15
3	Fire Post	46
4	Police Station	129
5	Police Post	6
6	Police Control Room	10
7	Indian Reserve Battalion	6
8	Home Guard	74
9	BTCs – Home Guard	12
10	SDRF	3
11	NDRF	5
12	Regional Response Center – ITBP	5
13	SSB	2
14	Mountaineering Sub – Center	7
15	Water Sports Center	3
16	Army	11
		<b>356</b>

28. In the event of any catastrophic disaster, these response centers may get activated, suo moto, and conduct search and rescue operations in their respective areas. Each response center may be expected to have its own role and responsibility in dealing with such situations, even if the entire system faces failure. These agencies may be equipped with basic search and rescue equipment to respond effectively to disasters. However, it has been observed that some of these agencies are not well-equipped, and in disastrous situations and equipment has to be arranged or procured, causing delays in the rescue process during the critical golden hours. In addition to providing equipment, these agencies may also need to be trained to handle the equipment and assisted in safely storing and maintaining them.

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29. In this regard, it is proposed that HPSDMA may create an equipment bank at all 356 locations. The bank shall contain basic rescue/life-saving equipment to handle situations in the golden hours.

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**Proposed activities:-**

- All 356 aforementioned locations of government agencies are proposed to be designated or notified as response centers to ensure quick and efficient response to potential incidents/disasters.
- SDRF may prepare the list of equipment required for response centers and to ensure the equipment list is comprehensive and up-to-date.
- To develop detailed SOPs for the response center including maintenance and storage of equipment as may be updated in accordance with the lessons learned from real incidents and mock exercises.
- Designing of training programs based on the specific needs and challenges of each response center including practical, hands-on exercises to enhance the skills. Furthermore, to provide refresher courses and continuous training to keep updated on new technologies and best practice.
- Continues capacity building of response centers for effectiveness and sustainability of disaster management.

**Decision:**

30. The SEC granted in-principle approval for the proposal and directed that before initiating the proposal, site-specific requirement of equipment be prepared by HP-SDRF in consultation with HHG, CD & FS and NDRF for the conversion of the 356 identified centres into the Designation of Response Centres. Furthermore, the cost estimation of the required equipment is to be presented before the SEC in the next meeting.

**Agenda Item No. 21.9: Presentation by Dr. Krishna S Vatsa, Member NDMA to Strengthen DRR Set up in Himachal Pradesh.**

31. It was brought to the notice of the SEC that Sh. Krishna S Vatsa, Member NDMA during his visit of Shimla made a presentation on 10<sup>th</sup> October 2023 before the Chief Secretary to strengthen DRR system in the State of HP. The proposal involves Institutional Reforms in Disaster Management. Key feature of the PPT was as follows:

- SDMAs need to be appropriately Constituted
- An Independent Office, EOC, and a Network of Support Organizations (State Fire Services, Home Guards, Red Cross, and NGOs)
- Integrating DM Functions– Response, Recovery, Preparedness, and Mitigation-- in the SDMA
- Dedicated Implementation Capacity for Each Window

**Proposed Cadre Positions and Hierarchy from SDMAs and DDMA's**

**Number of positions for Himachal Pradesh at Districts**

States/UT	Himachal Pradesh
Number of Districts 2022	12



Number of focus districts	0
District DM Officer	12
District Hazard Analyst	0
District IT Assistant	12
District Admin/Finance Assistant	12
Total number of technical posts in districts	24 (67%)
Total number of admin posts in districts	12 (33%)
Total number of posts in districts	36
Total cost at the district (Rs Crore) (Tech: Admin)	₹2.15 (70:30)

#### Number of positions for Himachal Pradesh at the State Level

State Principal Specialist	1
State Lead Specialist	3
State Senior Specialist	8
State Specialist	12
State Senior IT Assistant	3
State Junior IT Assistant	3
State Admin/Finance Officer	1
State Senior Admin/Finance Assistant	2
State Junior Admin/Finance Assistant	4
Total number of technical posts at the State HQ	30 (81%)
Total number of admin posts at the State HQ	7 (19%)
Total number of posts at the State HQ	37
Total cost at the State HQ (Rs Crore) (Tech:Admin)	₹3.32 (88:12)

#### The total annual staffing expenditure for all Himachal Pradesh

Total number of technical posts in districts	24
Total number of admin posts in districts	12
Total number of posts in districts	36
Total cost at the district (Rs Crore)	₹2.15
Total number of technical posts at the State HQ	30
Total number of admin posts at the State HQ	7
Total number of posts at the State HQ	37
Total cost at the State HQ (Rs Crore)	₹3.32
Total number of posts in the State (DDMA & SDMA)	73
Total cost for all posts in the State (DDMA & SDMA) (Rs Crore).	₹5.47



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Total cost as % of 15th FC 2023-24 allocation	1.09%
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32. Current staffing positions of the DMC shared with the SEC and need to strengthen the Cell was shared.

**Decision:**

- a) It was felt that there is need to strengthen the Disaster Management set up in the State and suggestions given by Dr. Krishna S Vatsa may also be taken into consideration while preparing proposal.
- b) The SEC desired that the proposal of the Member NAMA may be examined and put on Departmental file to the Chairman SEC.

**Agenda Item No. 21.10: Continuous IEC Activities by the SEC to Generate Public Awareness about Disasters**

33. The SEC was informed that Section 22 of the DM Act defines functions of the State Executive Committee. According to Sub Section (2) (i) the SEC shall "Promote general education, awareness and community training in regard to the forms of disasters to which different parts of the State are vulnerable and the measures that may be taken by such community to prevent the disaster, mitigate and respond to such disaster;"

34. Further Section 24 of the DM Act lays down powers and functions of State Executive Committee in the event of threatening disaster situation. According to Sub Section (k) the SEC shall "Disseminate information to public to deal with any threatening disaster situation or disaster;"

35. Accordingly, in accordance with the Ministry of Home Affairs' letter no. 33-02/2020-NDM.I dated 22nd April 2022, following the guidelines outlined for the constitution and administration of Preparedness and Capacity Building Funding Window under the National Disaster Response Fund (NDRF) and State Disaster Response Fund (SDRF) comprehensive Standard Operating Procedure (SOP) focused on General Awareness, Information, Education, and Communication (IEC) through various media channels has been prepared. The SOP primarily emphasizes four key sectors:

- Audio Jingles for Radio Channels: Crafting impactful audio messages to be broadcasted on radio channels, delivering essential disaster-related information to a broad audience.
- Video Jingles/Animated Videos for TV Channels: Developing visually engaging video content for television channels, employing animated videos and jingles to effectively communicate disaster preparedness measures.
- Advertisements for Newspapers/Magazines: Creating informative and visually appealing advertisements for publication in newspapers and magazines, ensuring wide dissemination of crucial disaster awareness information.

  
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- **Social Media Management:** Implementing a robust social media strategy to disseminate timely updates, tips, and alerts across various platforms, leveraging the widespread reach of social media networks.

36. The significance of disaster awareness cannot be overstated. Proactive preparation not only safeguards numerous lives but also expedites the recovery process for affected individuals and communities. Moreover, it substantially alleviates the financial burden associated with post-disaster response and recovery efforts. To effectively carry out these vital awareness and preparedness activities, an estimated annual budget of approximately 2-3 Crore is required. This financial allocation is crucial for ensuring the success and sustainability of the initiative, reinforcing the importance of investing in disaster risk reduction and community resilience.

### Decision

37. Continuous IEC activities as per the season need to be carried out in the State through print, electronic and social media. Therefore, the SEC approved the proposal.

### Agenda Item No. 21.10: Proposals under funding under the Preparedness & Capacity Building Fund of SDRF.

38. The State Executive Committee (SEC) was briefed on the proposals received under the Training and Capacity Building window of the State Disaster Response Fund (SDRF).

- (a) **Construction of Flood & Drawing Rescue Centre at Police Training Centre Daroh.** The Principal Secretary, Department of Home, Himachal Pradesh, vide letter no Home(A)-A(3)-3/2012-II, dated 27<sup>th</sup> May 2023 has sent a request w.r.t the letter No. HP-SDRF/Rev(DM)/19/2020-2037 dated 20.05.2023 received ADGP Police requesting to allocate additional funds to the tune of Rs. 50.00 Lakh for the "Construction of swimming pool (Flood & Drawing Rescue Centre) at Police Training Centre Daroh"

### Decision:-

The SEC accorded its approval to the proposal.

- (b) **"Use of Drones for effective Disaster Management in HP"**: The Himachal Pradesh State Electronics Development Corporation (HPSEDCL) had submitted proposal "use of Drones for effective Disaster Management in HP". The proposal was placed before the 20th Meeting of the State Executive Committee (SEC). In the meeting the Director HPSEDC was directed to carry out pilot in 3 districts and resubmit proposal accordingly. The Managing Director, HP State Electronics Development Corporation Ltd. vide its letter No. T-HPSEDC/ Drone/ 2K22- 10236, dated 22/09/2023 has sent a revised Proposal on the aforementioned topic. The proposed cost of the project is Rs. 2,12,16,064/-. MD, HPSEDC made a power point presentation before the SEC.

### Decision

- a. The SEC took note of the the revised proposal and directed to pilot the proposal in one or two districts severely affected during the monsoon season of 2023 – i.e. Kullu and Chamba.
- b. The final decision on the district selection was delegated to the Additional Chief Secretary (Revenue) of the Government of Himachal Pradesh.
- c. The DoIT was instructed to submit the revised proposal for the selected district.

**(c) Proposal for Establishing VC Set up in the ICCC:** The State Emergency Operations Centre of HPSDMA has been shifted to the Integrated Command and Control Centre at Armsdale Building P-III. The new Premises currently requires Audio and Video Calling system to enhance its ability to monitor the situations across the state and Virtually conduct meetings with the Districts and other Stakeholders. In this regard the HP State Electronics Development Corporation Ltd. has sent a Proposal for the same vide Letter No. T020 Vol-vii/hw-sw/Rates/AUG-2023-8686 dated 28-08-2023, amounting to Rs. 35,64,814/-.

**Decision:-**

The SEC accorded its approval to the proposal.

**(d) UNDP Proposal “Strengthening of Disaster Risk Management System in HP”** amounting to Rs. 14.21 Crores, was submitted by UNDP Dated 9<sup>th</sup> May 2023. The Proposal was placed in the 20<sup>th</sup> Meeting of the State Executive Committee held on dated 24<sup>th</sup>& 25<sup>th</sup> August 2023, under Agenda Point No.46 (a). The SEC in its decisions under Agenda Point No. 50(C) allowed DMC to get activities proposed by UNDP w.r.t. up-dation of DMPs, implementation of Hospital Safety & School Safety Components, Techno-legal regime, Organization of Exposure Visits, etc., executed through it on actual cost basis. The matter was discussed with the stakeholders Departments and UNDP representatives were asked to submit revised proposal. Now in compliance to the directions of the SEC the Revised Proposals has been submitted by Amounting to Rs. 9,04,87,800/- has been submitted by UNDP.

**Decision:-**

- i) The SEC accorded in-principal approval to the proposal.
- ii) The UNDP was asked to present break up of expenditure to be incurred on HR.
- iii) Qualification of experts to be deployed for the project may be also shared before signing the agreement with the State Govt.

**(e) Demand of Equipment by Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports Manali -** This is with reference to letter No. 800/SK (DM), dated 29<sup>th</sup> November, 2023, received from DC Kullu w.r.t. letter No. YSS (MI) H/G-13/2018 Vol-II/8341 dated: 20 October, 2023, received from the Director, A.B.V.I.M.A.S, and to say that HPSDMA sanctioned the budget i.e. 32.85 lacs for the purchase of a life saving device in Snow Bound regions: RECCO. The said amount will not be sufficient to call the tender of the device. A demand has been made for an additional amount of Rs. 10 Lakh) for the device and Rs. 05 lakh for the purchase of a Satellite Phone.

**Decision:-**



The SEC accorded its approval to the proposal.

- (f) **Request to provide 05 number 4X4 vehicles to Shimla Police in view of winter season** - This is with reference to letter No. DA-II/5.5/2023-1068451 Dated 23-11-23, received from Superintendent of Police, Shimla, District Shimla, conveying requirement of 05 number of 4x4 vehicles to deal with rescue operations during winter season.

**Decision:-**

- i) The SEC noted the agenda & directed to constitute a Committee under Chairmanship of Joint Secretary (Rev-DM) to the GoHP for finalization of specifications of SAR vehicles and working out financial implications associated with these vehicles. Representative from Fire, SDRF, Police and NDRF be associated in the committee.
- ii) Further, Chair has apprised the participants that ICICI bank has already approved SAR vehicles to District Administration Mandi, Kinnaur & L&S and is also in the process of handing over the SAR vehicles under the CSR to the State.
- iii) SAR vehicles sanctioned should be bearing the Logo of HPSDMA, carry mark at prominent place as "Rescue Vehicle" and should be used for SAR purpose only.

- (g) **Administrative Approval and Expenditure Sanction of Rs. 22,12,586.00 for the procurement of Rescue Vehicle by Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports Manali** - This is with reference to letter No. YSS (Mitti-New Vehicle 716/2017-19/8759, Dated 28 November 2023, received from Director Atal Bihari Vajpayee Institute of Mountaineering & Allied Sports, Manali. requesting that a dedicated rescue vehicle, fully equipped, having high power engine and sufficient boot space is essentially required for search and rescue.

**Decision:-**

The SEC accorded its approval to the proposal.

- (h) **Demand of fund by DDMA-Kullu for logistic support provided to various centre notified agencies** -The Deputy Commissioner, District, Kullu, (H.P.) has requested to provide a total fund of Rs 13,11,598/- for the payment of field visit of various teams such as IMCT, PDNA, GSI and River basin changes committee visited District Kullu for the assessment of the damages occurred during the floods in the monsoon season(Rs 3,11,598/-) and funds of Rs 10,00,000/- for conduct of various activities in the Training & Capacity Building budget head.

**Decision:-**

The SEC accorded its approval to the proposal.

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- (i) **Demand of fund by DDMA-Kullu for workshop organized to Sensitization of for Disaster affected families:**The Deputy Commissioner, District Kullu (H.P.) has submitted demand of funds for the payment of bills incurred for conduct of 'Capacity Building' workshop for Disaster affected families of Kullu District on 21-10-2023 during which the Hon'ble Chief Minister of Himachal Pradesh

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Pradesh engaged and interacted with the disaster affected families of district Kullu. In this regard, bills of the expenditure occurred during the event have been received by this office amounting to a total of Rs 5,29,246.

**Decision:-**

The SEC accorded its approval to the proposal.

- (j) **Demand of fund by DDMA-Shimla for Winter Season:** the Deputy Commissioner District Shimla, (H.P.) has submitted that the Administration needs to take preventive measures to avoid any untoward incidents during winter season. In view of the above this office requires funds amounting to Rs 30,00,000/- (Rupees thirty lakh) under the Capacity Building Head for the said purpose please.

**Decision:-**

The SEC accorded its approval to the proposal.

- (k) **Additional Demand of fund by DDMA-Mandi for Equipment Bank:** Deputy Commissioner District Mandi (H.P.) has submitted additional requirement of funds amounting to Rs. 1,06,53,987/- for the procurement of Search and Rescue Equipment (Equipment Bank) DDMA Mandi has placed supply orders via GeM portal costing to Rs. 3,10,53,987/- (contract/supply orders attached) out of which Rs. 2,04,00,000/- has already been and now there is a shortage of funds amounting to Rs. 1,06,53,987/-.

**Decision:-**

The SEC accorded its approval to the proposal.

- (l) **Proposal under School Safety Project by SCERT:** Principal, State Council of Educational Research & Training, Solan, has submitted a consolidated proposal (Including SCERT, Govt. College of Teacher Education, Dharamshala, & District Institute of Education and Training (DIET) all districts) for the various activities and Trainings under the School Safety Project, amounting to Rs.4,34,77,981/- scheme. After examining the proposal, the DMC proposes to release an amount of Rs. Rs. 2,54,79,123/- to the SCERT Solan, 12 DIETs and GCTE through SCERT Solan, the Nodal Agency for School Safety Project.

**Decision:-**

The SEC accorded Financial Approval of Rs. 2,54,79,123/- to the proposa

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**Agenda Item No. 21.11: Proposal to establish Earthquake Early Warning System in Himachal Pradesh.**

39. Project Lead, EEWS for Uttarakhand, Professor, Department of Earth Sciences, Centre of Excellence in Disaster Mitigation and Management, Indian Institute of Technology Roorkee, vide email dated 21-11-2023 has submitted a Proposal to establish Earthquake Early warning System in Himachal Pradesh. The system automatically detects the Primary wave onset referred to as P-Onset, Earthquake location determination, Earthquake Magnitude Prediction and finally Dissemination of warnings. The expected warning time to the major cities if the 1905 Kangra earthquake repeats in the region would be Shimla 37 Seconds, Solan 42 Seconds, Mandi 20 Seconds and Dalhousie 8 Seconds.

40. The proposed objectives are as follows:

1. Installation of sensors (150 sensors) and sirens (100 sirens) across the State.
2. For the network connectivity, BSNL (VPNoBB) and SWAN network will be used to fetch the data from sensors to the central server at IIT Roorkee.
3. Maintenance and uninterrupted operation of sensors and the sirens for three years.
4. To organize courses/workshops/seminars and training programs for administrators and other stakeholders to understand the earthquake early warning system.
5. To conduct Earthquake Early Warning mock drills in the state as per the requirement put by Himachal Pradesh State Disaster Management Authority so that they could check their preparedness for unforeseen earthquakes.

41. Total Outlay and Duration of Project is Rs. 2159.17 lakhs for a period of three years respectively.

**Details of Costing are as below:**

Recurring Budget (Amount in Lakhs of Rs.)						
Budget for Manpower						
Post	No.	Current Wages/ person (Per month)	I Year	II Year	III Year	Total
Project Consultant	1	Rs.250000/- + HRA (i.e., 10%)	33	33	33	99
Project Fellow	3	Rs.100000/- + HRA (i.e., 10%)	39.6	39.6	39.6	118.8
Project Associate	1	Rs.60000/- + HRA (i.e., 10%)	7.92	7.92	7.92	23.76
Project Asst (Tech)	4	Rs.45000/- + HRA (i.e., 10%)	23.76	23.76	23.76	71.28
Project Asst (Admin)	1	Rs.45000/- + HRA (i.e., 10%)	5.94	5.94	5.94	17.82
Project Attendant (Admin/Tech.)	1	Rs. 30000/- + HRA (i.e., 10%)	3.96	3.96	3.96	11.88

<b>Total</b>			<b>114.18</b>	<b>114.18</b>	<b>114.18</b>	<b>342.54</b>
<b>Add 15% Institute Overhead</b>			17.127	17.127	17.127	51.381
<b>Total(A)</b>			<b>131.31</b>	<b>131.31</b>	<b>131.31</b>	<b>393.92</b>
<b>Budget for other costs</b>						
<b>Item</b>		<b>I-Year</b>	<b>II- Year</b>	<b>III-Year</b>		<b>Total</b>
VPNOBB Charges		63	63	63		189
Consumable Items		20	20	20		60
Travel		50	50	50		150
Mock Drill/ Seminars/ Workshops		15	15	15		45
Contingency Expenditure		12	12	12		36
<b>Total II</b>		<b>160</b>	<b>160</b>	<b>160</b>		<b>480</b>
<b>Add 15% Institute Overhead</b>		24	24	24		72
<b>Total(B)</b>		<b>184</b>	<b>184</b>	<b>184</b>		<b>552</b>
<b>Non-Recurring Budget (Amount in Lakhs of Rs.)</b>						
<b>Budget for permanent equipment</b>						
<b>Items</b>		<b>Quantity</b>		<b>Amount</b>		
EEW Sensors		150		900		
EEW Sirens		100		80		
Server with 24x7 SWAN connectivity or VPNoBB and networking equipment (router etc)		2no.at IIT Rand 1 no. at HPTU		30		
Router		1 at IITR 1 at HPTU		20		
Switch		1 + 1		10		
Large LED Monitors(1.25 meter)		2 (IITR) + 2 (HPTU)		6		
Desktop Computer and Peripherals		3 no.		3		
Note Book PC		3 no.		6		
<b>Total III</b>				<b>1055</b>		
<b>Add 15% Institute Overhead</b>				158.25		
<b>Grand(C)</b>				<b>1213.25</b>		
<b>Grand Total (A+B+C)</b>				<b>Rs. 2159.17 Lakhs</b>		

42. Keeping in view the high vulnerability of the State to earthquake disaster, we may examine the proposal. States like Uttarakhand have already set up such system with the help of IIT Roorkee. The funds for Preparedness and Capacity Building of SDRF are available to improve early warning stems in the State. Additional funds can also be requested from the Govt. of India with State Share as per the Preparedness and Capacity Building Guidelines.



43. Dr. Kamal, from IIT Roorkee made a power point presentation before the SEC through online mode to explain the proposal and emphasized the need to install earthquake early warning system.

**Decision:-**

- i) The SEC noted the urgent need for earthquake early warning for the HP which falls in seismic zone IV and V.
- ii) The SEC directed that a team of experts will visit Uttarakhand and analyze the functionality of the Early Warning System designed by the IIT Roorkee for Uttarakhand SDMA and its use in Disaster Risk Reduction and submit report to the Govt.
- iii) The State may pose this project for funding from Center Govt., if adequate funds are not available with the State Govt.

**Agenda Item No. 21.12: Automation of Disaster Helplines 1070, 1077, 1100 and Integration with 112 for SEOC Shimla**

44. It was brought to the notice of the SEC that there is a critical gap in the current emergency response infrastructure of HPSDMA, particularly in the domain of Call Management Systems in 1 SEOC and 12 DEOCs. While HPSDMA currently lacks such a system, C-DAC Kerala's team has proactively developed a comprehensive system for the 112 Emergency Response Support System (ERSS) helpline. Recognizing the need for an autonomous system for State and District Emergency Operation Centres, C-DAC Kerala has submitted a proposal to address this requirement.

45. To facilitate the decision-making process, HPSDMA formed a committee comprising expert departments and meeting organized on 06<sup>th</sup>. Dec, 2023. This collaborative effort aims to enhance the emergency response capabilities in the state, ensuring a well-organized and efficient system for managing emergencies. The proposed system is designed to handle diverse emergency situations, leveraging multiple communication channels, including voice calls, SMS, e-mails, panic SOS signals, and the ERSS web portal. Implementing such a comprehensive and autonomous emergency management system is crucial for the effective and timely response to various emergencies that citizens may encounter.

**Project Cost Breakdown:**

The project cost is divided into two components:

- Setting up SEOC with hardware, software, connectivity, and project management:- Rs **1.07 Cr**
- Setting up DEOCs (12 Nos) with hardware, connectivity to SEOCs, installation: - Rs. **1.52 Cr**

**Total Project Cost: Rs 2.59 Cr**

46. It was also brought to the notice of the SEC that a Committee under the chairmanship of the Joint Secretary (Rev-DM) has examined the proposal.

**Decision:-**

47. The SEC granted its in-principle approval to the proposal submitted by the Centre for Development of Advanced Computing for the automation of disaster management helpline numbers in 1 SEOC and 12 DEOCs in the State.

**Agenda Item No. 21.13: I-SAT Phones Requirements for Emergency Communication**

48. The SEC was apprised that ensuring effective communication during disasters is paramount, and it's commendable that the State has already established a layer of satellite communication. However, there is a recognized need to enhance this communication infrastructure further. Currently, HPSDMA possesses 31 I-SAT Phones and 3 V-SATs, along with 37 I-SATs and 76 V-SATs with Police Department. To address the identified gap in communication capabilities, the State aims to procure 78 new I-SAT Phones with antennas. These phones will be strategically deployed for emergency purposes up to the Sub-Divisional Magistrate (SDM) level, police stations, and other vulnerable locations as per the demand of the Deputy Commissioners. Presently, only 31 Nos. I-SAT Phones with antennas are available with the Deputy Commissioners and in vulnerable Subdivisions and Panchayats.

49. The proposed budget for acquiring the necessary **78 I-SAT Phones**, will be **Rs. 2.91 Crore**, (Apprx.) includes additional costs for GST. Furthermore, an annual budget of **Rs. 77 Lakh (Approx.)**, along without GST, is outlined to support the maintenance and operational expenses associated with the I-SAT Phones.

**Decision:-**

- a) The SEC acknowledged the need for enhancing emergency communication capabilities and granted in-principle approval to the procurement of 78 I-SAT Phones. The DM-Cell was also advised to review communication needs concerning different types of disasters.
- b) Prior to signing the contract with BSNL, it was directed that provisions be included to ensure alternative handsets in case of technical malfunctions, with consignee agencies providing alternatives until the defective handsets are handed over to executing agencies.

**Agenda Item No. 21.14: - Improving Weather Observation and Monitoring Network in the State to Improve Early Warning**

50. The SEC was apprised that the current density of weather observation and monitoring network in the State is very sparse. There is need to need to improve it considerably. Matter has been taken with the Govt. of India, even at the level of Hon'ble Chief Minister, but there is no response from the Govt. of India.

51. There is proposal to add to this network from proposed AFD EAP on HP DRR, but the project still State Govt. nod. However, the recent monsoon disaster calls for early action. This matter was discussed in a meeting chaired by the Director cum Ex-officio Special Secretary, Disaster Management with all the stakeholders on 24.11.2023 wherein the Uttarakhand Model was also discussed and Director IMD Uttarakhand and Officers of UK SDMA also participated. After discussion it was recommended that the State of HP may consider to improve the weather observation and monitoring network in the State on

  
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Uttrakhand pattern wherein the equipment like AWS, ARGs, ASGs, etc. are installed by the State Govt. from its funds and data shared with IMD and also processed in house to increase efficiency of EWS.

52. The SEC was informed that if approved this model can also be implemented in HP and funds leveraged from Preparedness and Capacity Building window of SDRF. This will help the State in dealing with vagaries of climate change in a better way and help improving EWS for hydro-meteorological disasters.

**Decision:-**

- a) The SEC acknowledged the importance of the proposal and gave in-principle approval for improving the weather observation/monitoring network for the multi-Hazard Early Warning System in the State on Uttrakhand pattern.
- b) The SEC approved to establish the system of seeking "No Objection Certificate (NOC)" from DMC for the upcoming observatories to be established by various institutions and making mandatory provision for agencies/ institutions to supply their database to the Central Notified Early Warning Agencies such as IMD, CWC, GSI, etc.
- c) Institutions that have already established observatories in the State shall be directed to share their databases with Central Notified Early Warning Agencies, such as IMD, CWC, GSI, etc to improve EWS in the State.
- d) Directions be issued to send a letter reiterating the key points discussed in the meeting held on November 24, 2023 to all concerned.
- e) It was directed that the progress on implementing the directives and the overall improvement of the weather observation and monitoring network be presented in the next SEC meeting.

**Agenda Item No. 21.15: - Signing of MoU with OneWeb Satellite Communication to roll out a Pilot Project in HP**

53. The SEC was briefed that an email received from Ms. Nishtha, OneWeb India, Communication Pvt. Ltd., OneWeb is a state-of-the-art satellite communications system. OneWeb has launched 630+ satellites in the LEO (Low Earth Orbit). Its network will optimally provide high-speed, low latency and affordable connectivity for governments, defense, businesses, consumers, schools, and communities in locations that cannot technically or economically be served through existing connectivity solutions. They will be in the forefront of Disaster and Emergency Communication in line with the spirit of Tampere Convention and other national directions etc.

54. OneWeb implements redundant solutions safeguarding continuity of operations during critical business periods and emergency situations. "Pop-up connectivity can be rapidly deployed at short notice to areas with no existing or functioning base stations. The OneWeb network with global coverage is designed to respond to critical needs and disaster scenarios.

55. Himachal recently has been devastated by natural calamities be it cloudburst, landslides etc., the wrath of nature destroying home and families and above all the loss of human lives. Through this pilot project OneWeb proposes to exhibit its high-speed, low-latency satellite services, which will be a pathfinder

in Disaster and Emergency Communications, will help in building and augmenting resilient connectivity which could be a corner stone in disaster mitigation and relief .

56. The live pilot will allow different teams to experience a truly high-speed low latency satellite connectivity. This will be subject to infrastructure readiness and requisite government approvals. In addition, we would separately endeavor to work with our partner network like Airtel and collaborate to identify & find techno- commercially feasible solutions to address dark spots in existing terrestrial coverage.

57. They have shared draft of a Memorandum of Understanding (MoU) designed for cooperation between OneWeb and HPSDMA. In the Memorandum of Understanding

- The objective of this MoU is to establish non-exclusive collaborative linkages between the Parties, in the area of emergency telecommunication systems and disaster relief and mitigation, in accordance with their prevailing legal framework and on the basis of mutual benefit. Except for Articles 7, 8, 9, 10, 11, 13, 14 and 15 which shall be binding and survive any termination or expiration of this MOU, this MoU is a preliminary, non-binding statement of mutual intentions of the Parties and does not create a binding or enforceable contract or obligation between the Parties. Any binding commitment or legal obligation with respect to the implementation of this MoU will require the execution of a separate and formal agreement. Including but not limited to any commercial agreement on completions of this MOU.

58. In Article 3, Roles of the Parties: In accordance with its mandate and its own Rules, Regulations and procedures, HP SDMA role would be:

- to manage projects for emergency telecommunications activities undertaken jointly by One Web for the benefit of HP Government based on project documents entered into by the Parties in consonance with the applicable Licenses and Legal Framework governing the Parties.
- to deploy satellite services offered by OneWeb to respond to needs by the HP Government in both development oriented areas and humanitarian work for the prevention of and effective response to disasters through both voice communications and other telecommunications applications such as telemedicine;
- to share information between parties, and if so required and so agreed, to fund joint projects and activities on emergency telecommunications for the benefit of Himachal at local community levels;

**OneWeb's proposed role would be:**

- To consider implementation of joint projects/activities with HP Government or singularly based on project documents entered into by the Parties, subject to technical, business, operational and strategic limitations.
- To coordinate HP Government activities with OneWeb's satellite services in pre and post natural disaster periods;
- To collaborate on studies aimed at finding solutions on finding low-cost connectivity solutions to HP Government's needs in specified areas.

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- To display HP Government logo and name in relevant press releases related to natural disaster response/relief operations where Parties act in a coordinated manner, subject to prior written approval of HP Government;
- To identify certain information on new and emerging technologies, to the extent feasible and practicable, that can enhance the work of the Parties.
- To provide free satellite airtime and terminals subject to 5 terminals subject to all technical limitations and terminal availability. To experience the utility and benefit of the services, such terminals would be available as and for up to 90 days and extension based on mutual agreement between the parties. OneWeb shall retain legal ownership of its hardware and terminals at all times.
- Commercial terms on airtime and terminals to be mutually agreed in good faith before end of the free trial period. This is required to continue with the services after the free trial period.
- To highlight the outcome of this project at national and international fora acknowledging the role of HP Government
- To identify projects and activities on emergency telecommunications for the benefit of Himachal at local community levels.

**It is proposed that**

- Prior to the signing of the Memorandum of Understanding (MoU) between HPSDMA and One Web, the draft MoU shall undergo vetting by the Law Department, Government of Himachal Pradesh.
- If the performance of the company is deemed unsatisfactory, HPSDMA shall have the right to discontinue the MoU at any time. Any disputes between the parties signing the MoU shall fall under the jurisdiction of the Himachal Pradesh High Court.

**Decision:-**

59. The SEC decided that the matter be decided on file by the Chief Secretary cum Chairman SEC.

**Agenda Item No. 12.16: Institutionalizing GO-NGO Coordination in Himachal Pradesh for effective DRR.**

60. The SEC was apprised about the provisions of Section 22(2)(f) & 22(2)(j); Section 24(j); Section 30(2)(xiii), 30(2)(xix) & 30(2)(xxvii); Section 34(l); and Section 38 (2)(a) of the Disaster Management Act, 2005 which mandate every State Disaster Management Authority (SDMA), State Executive Committee (SEC), and the District Disaster Management Authorities (DDMAs) to ensure the involvement of non-governmental organizations and voluntary social-welfare institutions and also to have an effective coordination with them for improving the effectiveness of Disaster Management at the state, district and local level.

Keeping this in view, the Himachal Pradesh State Disaster Management Authority (HPSDMA) constituted the Himachal Pradesh Inter Agency Group (HPIAG) in the year 2011 for strengthening of GO-NGO coordination in the state. Despite some progress in the past few years, the HPIAG lacks on several fronts,

primarily an operational strategy for its functioning. To address these challenges, the HPSDMA has drafted a Strategy Blueprint for the overhaul and effective functioning of the HPIAG. Executing this strategy will enable the HPSDMA to engage the NGOs in a constructive, transparent and accountable manner.

**It is proposed that:**

- As the first step towards the overhaul of the HPIAG in the proposed strategy is about assessing the capacities of Non-Governmental Organizations (NGOs) and Voluntary Organizations working in the state, it is proposed that a systematic assessment of the Organizational Capacity Assessment in the form of a scoping study should be carried out in the state. This assessment may be conducted by floating an Expression of Interest (EoI) to invite experienced agencies or professionals who will (1) prepare a concept note on the assessment including the methodology, (2) prepare a comprehensive questionnaire, (3) collect the data in a structured, error-free manner, (4) analyze the collected data, and (5) prepare a report on the findings of the assessment. The whole process shall not take more than one month.
- This will help the HPSDMA gain insights over the varied levels of organizational capacities of the NGOs. Based on the finding of the Assessment, NGOs may be involved in different interventions and schemes launched by the HPSDMA as per their existing capacities.

**Decision:-**

61. The SEC approved the proposal after consideration.

**The meeting concluded with a vote of thanks from and to the Chair.**

**Approved by**

**(Prabodh Saxena)  
Chief Secretary-cum-Chairman, SEC  
Government of Himachal Pradesh**

**Endst. No. Rev (DMC) (F)11-1/2022-SEC**

**Dated the 12th January, 2024**

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

- 1) All the Administration Secretary to the Govt. Of Himachal Pradesh
- 2) All the Members of State Executive Committee, HP
- 3) All Deputy Commissioners-cum Chairman, DDMA, Himachal Pradesh
- 4) All the Heads of the Departments of the Himachal Pradesh.
- 5) The Sr. Pvt. Secretary to the Chief Secretary to the GoHP.
- 6) All the DAs in DM-Cell
- 7) Guard File.

  
**(Onkar Chand Sharma)  
ACS cum Member Secretary (SEC)  
Government of Himachal Pradesh**

**Annexure-I****List of Participants (14.12.2023)**

- 1) Sh. Onkar Chand Sharma, Pr. Secretary (Revenue) to the GoHP, Shimla-2
- 2) Ms M. Sudha Devi, Secretary (Health) to the GoHP- Shimla-2
- 3) Sh. Priyatu Mandal, Secretary (RD) to the GoHP- Shimla-2
- 4) Sh. DC Rana, Director-cum-Spl. Secy (Rev-DM) to the GoHP- Shimla-2
- 5) Sh. Rohit Jamwa, Spl. Secy. (Finance) to the GoHP- Shimla-2.
- 6) Sh. Manoj Kumar Chauhan, Spl. Secretary (Home) to the GoHP- Shimla-2
- 7) Sh. Prem Kumar Thakur IGP, AP&T, PHQ Shimla.
- 8) Sh. Kamal Kant Saroch Director TCP Shimla.
- 9) Miss. Ilma afroz SP HPSDRF Shimla.
- 10) Sh. Shivan Pratap Singh MD HPSEDC Shimla.
- 11) Sh. D.P Gupta CE (Engineer) DOE Shimla.
- 12) Sh. Gulsaan Negi DSP SDRF Shimla.
- 13) Sh. Surrender Paul IMD Shimla.
- 14) Sh. Karam Chand Nanta STP, TCP, Dept. Shimla.
- 15) Sh. Deepak Jasrotia Dy. CE (DOE) Shimla.
- 16) Sh. Subhash Chand Verma superintendent, HPSDRF Shimla.
- 17) Sh. Vinod Sharma, Section Officer, DM-Cell Deptt. of Revenue, Shimla-2
- 18) Dr. Rohit Chauhan GIS & RS, DM-Cell Deptt. of Revenue, Shimla-2
- 19) Sh. Parveen Bhardwaj, DMS, DM-Cell Deptt. of Revenue, Shimla-2
- 20) Sh. Vijay Singh, ITS, DM-Cell Deptt. of Revenue, Shimla-2

**List of Participants: (06.01.2024)**

- 1) Sh. Onkar Chand Sharma, Addl Chief Secretary (Revenue) to the GoHP, Shimla-2
- 2) Sh. Priyatu Mandal, Secretary (RD) to the GoHP- Shimla-2
- 3) Sh. Ajay Gupta, Engineer in Chief, HPPWD, Shimla-2
- 4) Sh. DC Rana, Director-cum-Spl. Secy (Rev-DM) to the GoHP- Shimla-2
- 5) Sh. Mukesh Reparwal, Managing Director HPSEDC, Shimla-9
- 6) Sh. Harbans Singh Special Secretary HPPWD
- 7) Sh. Vinay Kumar Special Secretary (Urban Development/ finance) to the GoHP, Shimla-2
- 8) Sh. Aupam Sharma DIG Police head quarter Shimla
- 9) Sh. Kamal Kant Saroch Director Town and Country Planning Shimla-9
- 10) Smt. Ilma froz Superintendent of police SDRF.
- 11) Sh. Nishant Thakur, Project Director- Project Management Unit (SDMF)
- 12) Sh. Gulshan Negi Deputy Superintendent of Police HPSDRF
- 13) Dr. S.S. Randhawa Principal Scientific officer HIMCOST Shimla-9
- 14) Sh. Sandeep Kumar Scientist-C India Meteorological Department
- 15) Sh. Naresh Kumar AC DMC (PMU)
- 16) Sh. Ajay Section Officer HPPWD
- 17) Sh. Karam Chand STP Town and Country Planning Shimla-9
- 18) Sh. Sandeep Kant Sharma Executive Engineer JSW Theog District Shimla
- 19) Sh. Vivek Haza Executive Engineer JSW Sarkaghat District Mandi
- 20) Sh. Anil Kumar Sharma Assistant Engineer JSW Sarkaghat District Mandi
- 21) Sh. Hemant Thakur Junior Engineer JSW Theog District Shimla
- 22) Sh. Rajinder Kumar Junior Engineer JSW Sarkaghat District Mandi
- 23) Sh. Vinod Sharma, Section Officer, DM-Cell Deptt. of Revenue, Shimla-2
- 24) Dr. Rohit Chauhan GIS & RS, DM-Cell Deptt. of Revenue, Shimla-2
- 25) Sh. Parveen Bhardwaj, DMS, DM-Cell Deptt. of Revenue, Shimla-2

## Detail List of the Project wise Proposals for Consideration under SEC

Sr. No.	Submitted by	District	Title of the Proposal	Hazard	Implementing Agency	Estimated cost
1	DC-cum-Chairperson DDMA Chamba	Chamba	Providing Flood Protection work to village Motla in GP Motla in Tehsil Sihunta District Chamba.	Flood Protection	JSV Chamba	17922000
2	DC-cum-Chairperson DDMA Chamba	Chamba	DPR for providing flood protection work to village Jatroon Trimath and Saloh in Tehsil Bhattiyat and district Chamba.	Flood Protection	JSV Chamba	43154710
3	DC-cum-Chairperson DDMA Chamba	Chamba	Landslide Mitigation Measures for Prevention of Landslide Disaster over Kaali Ghar on Shahpur Sihunta Chowari Jot Chamba Road KM 40/000 to 76/000 Chamba	Landslide	HPPWD	38612448
4	DC-cum-Chairperson DDMA Chamba	Chamba	DPR-Gali Ghar on Chamba Sahoo Kiri Road	Landslide	HPPWD Chamba	16918150
5	Deputy Commissioner-cum-Chairperson DDMA Hamirpur	Hamirpur	Channelization of Different Nallahs within Municipal limits for the purpose of mitigating flood and flash floods	Flood Protection	MC Hamirpur	67649400
6	Deputy Commissioner-cum-Chairperson DDMA Hamirpur	Hamirpur	Providing Flood Protection works to Beas river from Nadaun Bridge to Kohla to save Jal Shakti Vibhag and other private property.	Flood Protection	Jal Shakti Vibhag	70000000
7	Deputy Commissioner-cum-Chairperson DDMA Hamirpur	Hamirpur	C/O rain water harvesting structures for recharging of various water supply/irrigation schemes and to protect the soil from scouring in Nadaun area.	Drought	Jal Shakti Vibhag	100000000
8	DC -cum-Chairperson DDMA Kangra	Kangra	DPR for Mitigation of Rain Damaged of Gaj Khad at Village Ansui in Tehsil Shahpu rDistt. Kangra	Flood	JSV	10591499
9	DC -cum-Chairperson DDMA Kangra	Kangra	Disaster Mitigation to Village Multhan in Chota Bhagal left bank of river Uhal in Tehsil Bajjnath Distt. Kangra	Flood	JSV	30903000
10	DC -cum-Chairperson DDMA Kangra	Kangra	DPR for providing protection works to source of water supply scheme Dharamshala Town in Gaj Khad & Bathed Khad in Tehsil Dharamshala Distt. Kangra (H.P.)	Flood	JSV	27646000



11	DC –cum- Chairperson DDMA Kangra	Kangra	Providing Flood protection works on Manjhi Khad from village Passu in Shella in Tehsil Dharmshala Distt. Kangra (H.P.)	Flood	JSV	98275000
12	DC Cum Chairman DDMA- Kangra	Kangra	Disaster Related Mitigation work at Rajol Ansui to Chari road and agriculture land Protection Near Ghajkhad in Shahpur Kangra	Landslide	Divisional Engineer Soil Conservation (NZ) Palampur	12720000
13	DC-cum- Chairperson- DDMA Kangra	Kangra	The Disaster Related Mitigation of WSS/LWSS schemes in Shahpur Kangra	Flood Protection	JSV	16507712
14	DC Cum Chairman DDMA- Kangra	Kangra	Providing channelization to Cloud Burst affected area on Ghurlu Nallah near Indru Nag Temple ward no .15 Khaniara in Tehsil Dharamshala District Kangra.	Flood Protection	JSV	3971000
15	Jal Shakti Division Palampur	Kangra	Flood Protection Work to Housing Board Colony Bindraban in Tehsil Palampur District Kangra	Flood Protection	JSV	69842069
16	Executive Engineer HPPWD-Kangra	Kangra	DPR- Protection/Treatment of Landslides on Bhaler to Duli Roads under Kangra Division 0/00-4/00 (on Section 2/00-4/00)	Landslide	HPPWD-Kangra	114479150
17	DC –cum- Chairperson DDMA Kinnaur	Kinnaur	Flood protection work Baspa River at Rakchham in GP Rakchham	Flood Protection	JSV ReckongPeo	10665766
18	DC –cum- Chairperson DDMA Kinnaur	Kinnaur	Flood protection work at Rokti Nallah in GP Sangla	Flood Protection	JSV ReckongPeo	15244000
19	Jal Shakti vibhag	Kinnaur	Flood protection work to village Shango (Left Bank) in GP Katgaon Tehsil Nichar distt. Kinnaur HP.	Flood Protection	JSV ReckongPeo	75300000
20	DC –cum- Chairperson DDMA Kinnaur	Kinnaur	Providing fire fighting system in village Kalpa	Fire Safety	JSV ReckongPeo	13402958
21	Jal Shakti vibhag	Kinnaur	The fire fighting system to village Pangni in tehsil Kalpa distt. Kinnaur HP.	Fire Safety	JSV ReckongPeo	13552400
22	DC Cum Chairperson DDMA-Kinnaur	Kinnaur	Slope stabilization and rock fall mitigation works at Km 10/530 to 10/700 along hill side of Link road to village Nesang	Landslide	PWD	25365500
23	DC –cum- Chairperson DDMA Kullu	Kullu	Flood protection work on Tirthan Khad near Banjar in Tehsil Banjar distt Kullu.	Flood Protection	JSV Larji	19503417

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24	DC –cum- Chairperson DDMA Kullu	Kullu	Flood protection work from Sharabai to Bajaura along river Beas on both side at various reaches in Distt. Kullu.	Flood Protection	JSV Larji	82525339
25	DC-cum- Chairperson DDMA Kullu	Kullu	Flood protection work near rafting canter Pirdi in Tehsil and District Kullu (H.P.)	Flood Protection	JSV Kullu	36305000
26	DC –cum- Chairperson DDMA Kullu	Kullu	Embankment protection at critical vulnerable points from Gau Sadan to STP Lanka Baker in District Kullu HP	Flood Protection	JSV Kullu	40388918
27	DC –cum- Chairperson DDMA Kullu	Kullu	Embankment protection works at vulnerable points of Kullu from Lower Shastri Naggar to STP BadahKullu and District Kullu HP	Flood Protection	JSV Kullu	60058065
28	DC –cum- Chairperson DDMA Kullu	Kullu	Protection works at vulnerable points off Bunter from LIS Seund Hathithan Pump House to Saraswati via Mandir Bhunter Colony along the River Parvati left Bank in Tehsil Bhunter.	Flood Protection	JSV Kullu	79684000
29	DC-cum- Chairperson DDMA Kullu	Kullu	Providing flood protection work on River Beas (right Bank) at 17 Mile in G.P. Brain in Tehsil Manali distt. Kullu.	Flood Protection	JSV Katrain	89165074
30	DC-cum- Chairperson DDMA Kullu	Kullu	Providing flood protection work on River Beas (right Bank) at Patlikuhai in GP Hallan-II in Tehsil & distt. Kullu.	Flood Protection	JSV Katrain	89807406
31	DC-cum- Chairperson DDMA Kullu	Kullu	Providing flood protection work on River Beas (right Bank) at Raison in GP Raison in Tehsil & distt. Kullu.	Flood Protection	JSV Katrain	89936261
32	DC –cum- Chairperson DDMA Kullu	Kullu	Flood protection work at vulnerable points of Kullu MC areas from Tibetan School at Gau Sadan	Flood Protection	JSV Kullu	85261210
33	DC-cum- Chairperson DDMA Kullu	Kullu	Flood Protection Work near Bhuntar Bridge and Confluence point of River Beas and Parbati River in Distt. Kullu	Flood Protection	JSV Kullu	81356316
34	Executive Engineer PWD-Katrain	Kullu	Protection of RRD on Kullu Manali Left Bank Road Near Chhruru during flood on dated 21 September 2018 Kullu. Landslide mitigation measures by soil Naoling Reach length 90 mtr for HT app. 30 mtr C/O wire created B/Wall RCC R/Wall C/O U Shape Drain etc& C/o CC	Landslide	PWD Katrain	84348346

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			Pavement			
35	DC -cum- Chairperson DDMA Mandi	Mandi	Channelization of various Khad & Nallah of Barchar Paplog and adjoining area in District Mandi under NDMA.	Flood Protection	JSV Sarkaghat	41442998
36	Jal Shakti Vibhag	Mandi	Flood Protection work for Jawal Khad and Bagsdaid NallahThunag Mandi	Flood Protection	JSV Thunag	35658476
37	Jal Shakti Vibhag	Mandi	Flood Protection /Anti Erosion Measures works for Harian Nallah in Tehsil Dharampur Mandi	Flood Protection	JSV Dharampur	10420000
38	Jal Shakti Vibhag	Mandi	Flood Protection/Anti Erosion Measures works for Srilanka Nallah in Tehsil Dharampur Mandi	Flood Protection	JSV Dharampur	10380000
39	Jal Shakti Vibhag	Mandi	Flood Protection/Anti Erosion Measures works for Dhardi Nallah in Tehsil Dharampur Mandi	Flood Protection	JSV Dharampur	25620000
40	Jal Shakti Vibhag	Mandi	Flood Protection/Anti Erosion Measures works for Balhara Nallah in Tehsil Dharampur Mandi	Flood Protection	JSV Dharampur	10680000
41	Jal Shakti Vibhag	Mandi	Flood Protection works to Nald khad in GP Laungani Dharampur Dist. Mandi	Flood Protection	JSV Dharampur	19504692
42	Jal Shakti Vibhag	Mandi	Flood protection work for Kuhatnallah in Sandhole tehsil Sandhole Mandi RCC Channel from CSD Canteen to PWD Rest house From RD 0 to 1/000m)	Flood Protection	JSV Dharampur	29443000
43	Jal Shakti Vibhag	Mandi	Flood Protection/Anti Erosion Measures works for Lower Tanehar Nallah in Tehsil Dharampur Mandi	Flood Protection	JSV Dharampur	14950000
44	DC-cum- Chairperson DDMA Solan	Solan	Flood Protection/ Channelization of Both the Banks of Ashwani Khad at Sadhupul	Flood	JSV Solan	40700000
45	EE Jal Shakti Division Una	Una	Providing Household drainage system in ward No. 7 Mohalla Talian in Village Lower Pandoga Tehsil Haroli Distt. Una	Flood Protection	JSV Una	9973000
46	EE Jal Shakti Division Una	Una	Providing Flood Protection Work in Athwai Khad Sub Tributary of Pandoga Khad from RD 24725/0/2500/02300 to 3155 on left bank and RD 4725/0/2500/02300 to 2912 on Right Bank i/c C/o Bridge & Culvert in Tehsil Haroli Distt. Una	Flood Protection	JSV Una	33536000

47	EE Jal Shakti Division Una	Una	Providing Flood Protection work to Protect the Harizon Basti in Village Khad in Distt. Una	Flood Protection	JSV Una	69845000
48	EE Jal Shakti Division Una	Una	Channelization of Seer Nallah in Village Panjwar Tehsil Haroli Distt. Una	Flood Protection	JSV Una	72206000
<b>Grand Total</b>						<b>215,54,21,280</b>

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## Recommended Proposal for NDMF in TAC

TAC 2							
S N	Submitted by	District	Title of the Proposal	Hazard	Implementing Agency	Estimated cost	Decision of TAC
1.	DC-cum-Chairperson DDMA Chamba	Chamba	Landslide mitigation measure for Prevention of landslide disaster on Samote to Dramnallah road KM 0/000 to 12/435 (Portion Samote to Tikkri KM 1/000 to 4/000)	Landslide	HPPWD	413961673	Recommended in Principle with modification. The RD 0/000 to 12/435 KM seems that the long stretch of road need to be restore through this fund, need to be justify. DPR need to be resubmitted in accordance with the guidelines of NDMF.
2.	DC –cum-Chairperson DDMA-Kangra	Kangra	Land Slide Mitigation of Gaggal Chetru Dharamshala Mecleodganj Road Kotwali Bazar Near Kali Mata Mandir at Dharamshala	Landslide	PWD	173018302	Recommended in Principle with modification. DPR need to be resubmitted in accordance with the guidelines provided by NDMF. Recommended for NDMF, Subject to SEC approval
3.	Executive Engineer HPPWD-Kangra	Kangra	DPR- Protection/Treatment of Landslides on Bhaler to Duli Roads under Kangra Division 0/00-4/00(on Section 0-2/00)	Landslide	HPPWD-Kangra	165935887	Recommended in Principle with modification. DPR need to be resubmitted in accordance with the guidelines of NDMF. Recommended for NDMF, Subject to SEC approval
4.	DC –cum-Chairperson DDMA Kullu	Kullu	Protection of Land/ property damaged due to excessive rain/Intrusion/ Erosion by Flash flood water for SSB campus to Sabji Mandi Bhunter in MC Bhunter Kullu.	Flood Protection	JSV Kullu	312398125	Recommended in Principle with modification. DPR need to be resubmitted in accordance with the guidelines provided by NDMF. Recommended for NDMF, Subject to SEC approval.
5.	EE Jal Shakti Division Una	Una	Providing Storm Water Drainage to Una Town under SDMG in Tehsil & Distt. Una	Flood Protection	JSV Una	196671222	Recommended in Principle with modification. The cost mentioned in PAC II, by the IA was Rs. 19,66,71,000 and same was approved, However the project cost is Rs. 196671222 and difference of the amount and recommendation to NDMF, need to be approved by the SEC. DPR need to be resubmitted in accordance with the guidelines provided by NDMF.
Total						1261985209	126 Cr. (approx.)

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