

Proceedings of the meeting of 2nd Technical Appraisal Committee (TAC) held on 26th October 2023, 10.00 AM onwards at NIC-Conference Hall, Armsdale Building, H.P. Secretariat, Shimla, HP.

List of participants is at Annexure A
Decisions of TAC is at Annexure B

1. At the outset, the Dr. Rohit Chauhan (GIS and RS Specialist) welcomed Sh. Nishant Thakur – HPAS, DPM-PMU (SDMF) to the Government of Himachal Pradesh, the Members of Technical Appraisal Committee (TAC), and the Nodal officers of various departments and the officers of various Departments who had joined through video conference and also discussed the agenda of the meeting.
2. After that the he discussed the guidelines of State Disaster Mitigation Funds (SDMF) to make clarity to TAC members on SDMF provision and said that at least 10% funds in a year should be earmarked for the non-structural measures and not more than 50% of funds may be utilized to mitigate any single hazard whereas up to 5% of the NDMF/ SDMF, funds may be earmarked for small grants window to support small proposals related to innovation, technology, community leadership, research, studies and learning.
3. Further, he requested that TAC members must ensure that all the DPRs should have enclosed with it the GIS maps along with KML file so that the duplicity of the projects and near real time monitoring of projects at National, State and District level during different stages of project implementation may be done.
4. He also directed the coordinators of concerned District Disaster Management Authorities (DDMAs) that, before submitting the Detailed Project Reports (DPRs) to the Project Management Unit - Disaster Management Cell (PMU-DMC), they must ensure that the DPRs adhere to the guidelines of the State Disaster Management Framework (SDMF).

5. The DDMAAs were also requested to sensitize the concerned departments about the formats for Project Progress Reports (PPRs) and Detailed Project Reports (DPRs) in accordance with the State Disaster Management Fund (SDMF) and National Disaster Management Fund (NDMF).
6. Further he emphasised that the concerned departments may hire a consultant at their own level to preparation of landslide-based DPRs until the PMU shortlists the Consultants.
7. He also directed that all the concerned departments and DDMAAs are requested to expedite the DPRs preparation process as per the requisite formats as recommended by the PAC meetings.
8. During the meeting following expert members have given the suggestions to enhance the DPRs quality in future:-
- Dr. D.P. Kanungo (Chief Scientist) CBRI Roorkee, gave the suggestion the the DPRs in future should contain the present scenario along with the latest data available. He further gave the suggestion w.r.t. ground water recharging schemes in HP that the first of all the holding capacity of the aquifer may be ascertained by base investigation\.
 - Dr. K.V.Uday (Associate Prof.), IIT Mandi, gave a suggestion that magnetic tomography may be done for identification of water for such aquifer in respect of water recharging schemes.
 - Dr. Hemant Kumar Vinayak (Associate Prof.) NIT Hamirpur, gave the suggestion that new design/ methodology other than RCC should be incorporated in future DPRs.
 - Dr. Vivek Gupta (Assist. Prof) IIT Mandi, gave the suggestion that climate change aspect should be incorporated in future DPRs.

The Chairman welcomed the suggestions and informed the committee that the necessary direction in this regard would be given to the DDMAAs as well as the Implementing Agencies.

9. The Committee was of the unanimous decision that their suggestion w.r.t. scientific channelization of rivers by controlled mining may be send to the government so that necessary direction in this regard may be given to the regulatory agencies in the State
10. He stressed that the Implementing Agencies would ensure that the titles of project proposals are clear and accurately reflect the work described in the PPRs.
11. After suggestions from TAC members, it was decided in the meeting that minor observations related to recommendations made in principle with modifications should be addressed by PMU, and if observations will be resolved by the Implementing agencies, the proposals shall be considered in the SEC after the approval of higher authority.

At the conclusion of the meeting, Dr. Rohit Chauhan (GIS and RS Specialist) expressed his gratitude to all the Technical Advisory Committee (TAC) members for dedicating their valuable time for the discussions and deliberations during the meeting. His acknowledgment highlights the importance of the TAC member's contributions and their commitment to the project's progress and success.

The meeting ended with a vote of thanks to and from the chair.



Nishant Thakur (HPAS)
Deputy Programme Manager
Project Management Unit

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

Dated the Nov, 2023

Copy forwarded for information and necessary action to:-

1. All the Members of the TAC.
2. The Deputy Commissioner-cum-Chairman, DDMA, all districts (concerned) in HP.

3. The Director of Energy, Shakti Bhawan, Sector-6, New Shimla-9.
4. The Engineer-in-Chief (PWD), Nirman Bhawan, Shimla-2.
5. The Engineer-in-Chief (JSV), Tutikandi, Shimla-2.
6. The Director, Department of Agriculture, HP.
7. The Director, Health Services, Health and Family Welfare Directorate, SDA Complex Kasumpti, Shimla-9.
8. The Director, Directorate of Elementary Education, Lalpani, Shimla.
9. The Director, CBRI Roorkee.
10. The Director, NITTTR, Chandigarh.
11. All the participants of the meeting.



Deputy Programme Manager
Project Management Unit

Annexure-A**List of Participants**

| Sr. No. | Name | Designation/Organization |
|----------------|--------------------------|--|
| 1. | Sh. Nishant Thakur | Deputy Programme Manager (SDMF) |
| 2. | Dr. D.P. Kanungo | Chief Scientist, CBRI Roorkee |
| 3. | Dr. R.S. Banshtu | Associate Professor, NIT Hamirpur |
| 4. | Dr. Hemant Kumar Vinayak | Associate Professor, NIT Hamirpur |
| 5. | Dr. K.V.Uday | Assistant Professor , IIT Mandi |
| 6. | Dr. Vivek Gupta | Assistant Professor, IIT Mandi |
| 7. | Smt. Kanchan Sharma | Executive Engineer (S&P) JSV |
| 8. | Dr. Kesar Chand | Scientist-C G.B.P.N.I.H.E-Kullu Unit |
| 9. | Sh. Naresh Dhiman | SE, JSV Una |
| 10. | Sh. Om Prakash Bhardwaj | Executive Engineer |
| 11. | Sh. Rakesh Vaidya | Executive Engineer, Jhanduta |
| 12. | Er. Sandeep Kant | Executive Engineer, JSD Thunag |
| 13. | Er. Yogesh Kumar | Executive Engineer, JSD Dharampur |
| 14. | Er. Vivek Haza | Executive Engineer, JSD Sarkaghat |
| 15. | Er. Ajay Veram | Executive Engineer, JSV Ghumarwin |
| 16. | Sh. Piyush Aggarwal | Executive Engineer, Dhami |
| 17. | Sh. Kishore Sharma | Executive Engineer, JSV Anni |
| 18. | Sh. Satish Kumar Sharma | Executive Engineer, JSV Div. Bilaspur |
| 19. | Sh. Abhishek Sharma | Executive Engineer, JSD R/Peo |
| 20. | Sh. Puneet Sharma | Executive Engineer, JSV Una |
| 21. | Sh. Jagtar Singh | Executive Engineer, HPPWD Dharamshala |
| 22. | Sh. Arun Sharma | Executive Engineer, JSV Division Katrain |
| 23. | Sh. Sanjay Thakur | Executive Engineer, JSV Division Hamirpur |
| 24. | Sh. Harsh Puri | Executive Engineer, Chowari Division |
| 25. | Er. Amit | Executive Engineer, JSV Kullu Division |
| 26. | Sh. Ravinder Kumar | Executive Engineer, JSV Larji |
| 27. | Sh. Bhaunesh Sharma | Senior Hydro-geologist 6WO, JSV Una |
| 28. | Sh. Puneet Maria | Geotechnical Engineer (ARS) |
| 29. | Er. Nand Lal | AE, JSD Dharmapur |
| 30. | Sh. Nishant Kapoor | Assistant Engineer, JSV Sub Division Jukhala |
| 31. | Sh. Rajender Pathania | Assistant Engineer |
| 32. | Sh. Aman Thakur | Assistant Engineer |
| 33. | Sh. Gopal Dev Sharma | Assistant Engineer, HPPWD Sub Division Sunni |
| 34. | Sh. Ashwani Kumar | Assistant Engineer |
| 35. | Sh. Vivek Kumar | Assistant Engineer, HPPWD Chowari Division |
| 36. | Sh. Ashish Chaudhary | Assistant Engineer JSV Haroli |
| 37. | Sh. Amit Choudhary | Assistant Engineer JSV Sub Division Nadaun |
| 38. | Er. Mast Ram Chauhan | Assistant Engineer, JSV Ghumarwin |
| 39. | Er. Pankaj Prasher | Junior Engineer |
| 40. | Er. Hemant Thakur | Junior Engineer, JSV Thunag |
| 41. | Sh. Govind Negi | Junior Engineer, JSV Kullu |
| 42. | Sh. Tilak Raj | Junior Engineer |
| 43. | Sh. Sunil Kumar | Junior Engineer, JSV Anni |
| 44. | Sh. Praveer Sharma | ARS consultants |
| 45. | Sh. Prince Joshi | Director ARS consultants |
| 46. | Dr. Kumar Abhishek | DGM Civil Mantra Infra Com. Pvt. Ltd. |
| 47. | Dr. Rohit Chauhan | GIS&RS Spl, Revenue Dept. (DM Cell) |

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| 48. | Lata Thakur | DEO, Revenue Dept. (DM Cell) |
| 49. | Devender Kumar | DEO, Revenue Dept. (DM Cell) |
| Virtual Mode | | |
| 1. | Officers from HP JSV & HPPWD Departments | |
| 2. | Nodal Officers (DM), District Level | |
| 3. | Sr. Officers from Various Departments | |
| 4. | All the concerned Coordinators from DDMA's Himachal Pradesh | |

Project Management Unit-(PMU) - HPSDMA
2nd TECHNICAL APPRAISAL COMMITTEE MEETING, (26th October 2023)

Decisions of the Meetings

| S N | Submitted by | District | Title of the Proposal | Hazard | Implementin g Agency | Estimated cost | Decision of TAC |
|--------|---------------------------------------|----------|--|------------------|-------------------------|----------------|---|
| 1 | DC –cum- Chairperson DDMA Kullu | Kullu | Flood protection work on Tirthan khad near Banjar in Tehsil Banjar distt Kullu. | Flood Protection | JSV Larji | 1,95,03,417 | Recommended |
| 2 | 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 | 8,25,25,339 | Recommended |
| 3 | DC –cum- Chairperson DDMA Kullu | Kullu | Flood protection work on Jibhi Khad at Hidab Ghiagi Jibhi Dawala and Damothi and on Tirthan Khad at Bathad Pharyiadi Gushaini Shai Ropa Deori and Kandidhar Kalu Ropa and Khundhan to Mangalore in Tehsil Banjar distt Kullu.. | Flood Protection | JSV Larji | 6,54,84,000 | Need to be re-examined: <ul style="list-style-type: none"> • DPR need to be resubmitted in accordance with the guidelines provided by SDMF. • The technique used for displaying proposed and vulnerable site(s) in GIS map is not clearly indicated |
| 4 | DC –cum- Chairperson DDMA Kullu | Kullu | Flood protection work at confluence point of Tirthan and Sainj Khad at Larji in Tehsil Banjar Distt. Kullu. | Flood Protection | JSV Larji | 2,51,97,000 | Need to be re-examined: <ul style="list-style-type: none"> • DPR need to be resubmitted in accordance with the guidelines provided by SDMF. • The technique used for displaying proposed and vulnerable site(s) in GIS map is not clearly indicated. • Estimated cost need to re-examined by IA. |
| 5 | DC-cum- Chairperson DDMA Kullu | Kullu | Flood protection work near rafting canter Pirdi in Tehsil and District Kullu (H.P.) | Flood Protection | JSV Kullu | 3,63,05,000 | Recommended |
| 6 | DC-cum- Chairman DDMA Kullu | Kullu | Embankment protection at critical vulnerable points from Gau Sadan to STP Lanka Baker in District Kullu-HP | Flood Protection | JSV Sub Division Kullu | 4,03,88,918 | Recommended |

Project Management Unit-(PMU) - HPSDMA
2nd TECHNICAL APPRAISAL COMMITTEE MEETING, (26th October 2023)

Decisions of the Meetings

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|----|-----------------------------------|-------|--|------------------|------------------------|-----------------|---|
| 7 | DC-cum-Chairman DDMA Kullu | Kullu | Embankment protection works at vulnerable points of Kullu from Lower Shastri Naggar to STP Badah Kullu and District Kullu HP | Flood Protection | JSV Sub Division Kullu | 6,00,58,065 | Recommended |
| 8 | DC –cum-Chairperson DDMA Kullu | Kullu | protection works at vulnerable points off Bunter from LIS Seund Hathithan Pump House to Saraswati via Mancir Bhunter Colony along the River Parvati left Bank in Tehsil Bhunter. | Flood Protection | JSV Kullu | 7,96,84,000 | Recommended |
| 9 | 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 dist. Kullu. | Flood Protection | JSV Katrain | 8,91,65,074 | Recommended |
| 10 | 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 | 8,98,07,406 | Recommended |
| 11 | 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 | 8,99,36,261 | Recommended |
| 12 | DC-cum-Chairperson DDMA Kullu | Kullu | DPR of Providing Flood Protection Work on River Beas From Palchan to Aut RD 0/0 to 70/200 KM (Left/Right bank) in Distt Kullu | Flood | | 16,59,33,00,000 | Recommended in Principle with modification <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines provided by NDMF. |
| 13 | DC –cum-Chairperson DDMA Kullu | Kullu | Protect work at vulnerable points of Kullu MC areas from Tibetan School at Gau Sadan | Flood Protection | JSV Kullu | 8,52,61,210 | Recommended |

Project Management Unit-(PMU) - HPSDMA
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Decisions of the Meetings

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| 14 | DC –cum- Chairperson DDMA Kullu | Kullu | Restoration reclamation/protection of Land/ property damaged due to excessive rain/Intrusion/ Erosion by Flash flood water for Samudayik Bhawan towards Tibetan school in MC Kullu. | Flood Protection | JSV Kullu | 6,64,56,200 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF Restoration-related works typically involve activities to repair, rebuild, or rehabilitate infrastructure or resources that have been damaged or affected by a disaster may not be eligible or considered under the State Disaster Management Fund (SDMF) guidelines. Estimated cost need to be rechecked. |
| 15 | 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 | 31,23,98,125 | Recommended in Principle with modification: <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines provided by NDMF. Recommended for NDMF, Subject to SEC approval. |
| 16 | DC –cum- Chairperson DDMA Kullu | Kullu | Restoration reclamation/protection of Land/ property damaged due to excessive rain/Intrusion/ Erosion by Flash flood water for Sangam Ghat to Radha krishan temple in MC Bhunter Kullu.. | Flood Protection | JSV Kullu | 6,13,74,800 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF |
| 17 | DC-cum- Chairperson DDMA Kullu | Kullu | Flood Protection Work near Bhutar Bridge and Confluence point of River Beas and Parbati River in Distt. Kullu | Flood | JSV Kullu | 8,13,56,316 | Recommended |
| 18 | Executive Engineer HPPWD- 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 Pavement | Landslide | HPPWD | 8,43,48,346 | Recommended <ul style="list-style-type: none"> Recommended with the approval of Rs. 84,34,000, (Rs 0.84 Cr) and the proposed estimated cost Rs. 8,43,48,346 (Rs. 8.43 Cr) is Subject to SEC approval. The cost mentioned by the IA was Rs. 84,34,000 and same was approved in the PAC-1, However the project cost is Rs. 8,43,48,346 and difference of the amount need to be approved by the SEC. |

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2nd TECHNICAL APPRAISAL COMMITTEE MEETING, (26th October 2023)
Decisions of the Meetings

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| 19 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work of rain damages to Gangarang Nallah in GP Sangla | Flood Protection | JSV Reckong Peo | 1,80,59,300 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF |
| 20 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work of rain damages to Tong Tong Che Nallah in GP Sangla | Flood Protection | JSV Reckong Peo | 1,63,18,600 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF |
| 21 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work of rain damages to Kharogla Nallah in GP Sangla | Flood Protection | JSV Reckong Peo | 1,47,56,594 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF |
| 22 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work Baspa River at Rakchham in GP Rakchham | Flood Protection | JSV Reckong Peo | 1,06,65,766 | Recommended <ul style="list-style-type: none"> The cost mentioned in PAC 2, by the IA was Rs. 1,06,65,000 and same was approved, However the project cost is Rs. 1,06,65,766 and difference of the amount need to be approved by the SEC. |
| 23 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work at Rokti Nallah in GP Sangla | Flood Protection | JSV Reckong Peo | 1,52,44,000 | Recommended |
| 24 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work of rain damages to Village Bruain Tehsil Sangla | Flood Protection | JSV Reckong Peo | 4,96,83,000 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF |

**Project Management Unit-(PMU) - HPSDMA
2nd TECHNICAL APPRAISAL COMMITTEE MEETING, (26th October 2023)**

Decisions of the Meetings

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| 25 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work of rain damages to Homte in GP Kafnoo | Flood Protection | JSV Reckong Peo | 2,52,00,000 | Not Recommended: <ul style="list-style-type: none"> Restoration related works may not be considered under SDMF |
| 26 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Flood protection work to village Sapni in tehsil Sangla | Flood Protection | JSV Reckong Peo | 5,76,60,000 | Recommended in Principle with modification <ul style="list-style-type: none"> GIS map and KML file needs to be resubmitted The estimated cost of DPR need to be rechecked. |
| 27 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Damages to sewerage system to village Sangla in GP Sangla distt Kinnaur HP. | Flood Protection | JSV Reckang Peo | 4,06,48,000 | Recommended in Principle with modification <ul style="list-style-type: none"> GIS map and KML file needs to be resubmitted. |
| 28 | Jal Shakti vibhag | Kinnaur | Flood protection work/channelization of Kotangtee Khas as a remedial measure to safeguard settling/sliding in tehsil Kalpa distt. Kinnaur HP. | Flood Protection | JSV Reckang Peo | 1,87,72,052 | Recommended in Principle with modification <ul style="list-style-type: none"> GIS map and KML file needs to be resubmitted. |
| 29 | Jal Shakti vibhag | Kinnaur | Flood protection work to village Shango (Left Bank) in GP Katgaon Tehsil Nichar distt. Kinnaur HP. | Flood Protection | JSV Reckang Peo | 7,53,00,000 | Recommended |
| 30 | DC –cum- Chairperson DDMA Kinnaur | Kinnaur | Providing fire fighting system in village Kalpa | Fire Safety | JSV Reckong Peo | 1,34,02,958 | Recommended <ul style="list-style-type: none"> The cost mentioned in PAC 2, by the IA was Rs. 1,34,00,000 and same was approved, However the project cost is Rs. 13402958 and difference of the amount need to be approved by the SEC. |
| 31 | Jal Shakti vibhag | Kinnaur | The fire fighting system to village Pangji in tehsil Kalpa distt. Kinnaur HP. | Fire Safety | JSV Reckang Peo | 1,35,52,400 | Recommended |

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| 32 | DC Cum Chairman 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 | 2,53,65,500 | Recommended |
| 33 | DC –cum- Chairperson DDMA Kangra | Kangra | DPR for Mitigation of Rain Damaged of Gaj Khad at Village Ansui in Tehsil Shahpur Distt. Kangra | Flood | JSV | 1,05,91,499 | Recommended |
| 34 | DC –cum- Chairperson DDMA Kangra | Kangra | Disaster Mitigation to Village Multhan in Chota Bhagal left bank of river Uhal in Tehsil Baijnath Distt. Kangra | Flood | JSV | 3,09,03,000 | Recommended |
| 35 | 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 | 2,76,46,000 | Recommended |
| 36 | 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 | 9,82,75,000 | Recommended |
| 37 | DC –cum- Chairperson DDMA Kangra | Kangra | Providing flood protection work to Sinh Nallah to protect the private property Jal Shakti Vibhag Sewerage line and Sewerage Treatment Plant at Village Massal in Tehsil Nagrota Bagwan Distt. Kangra (H.P.) | Flood | JSV | 6,95,63,025 | Not Recommended: <ul style="list-style-type: none"> • To protect the private property through SDMF funds, may not be considered as per guidelines. • Estimated cost need to be re-examined |

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Decisions of the Meetings

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|----|---|--------|--|-----------|-------|-------------|---|
| 38 | DC –cum- Chairperson DDMA Kangra | Kangra | Providing flood protection work between Both Nallah to Confluence of Gareli Khad & Jabbar Khad On Left bank of Jabbar Khad in Tehsil Nurpur Distt. Kangra (H.P.) | Flood | JSV | 6,17,25,433 | Not recommended <ul style="list-style-type: none"> Flood plain area should be marked clearly on GIS Map Discharge of Both Nallah at Confluence of Gareli Khad & Jabbar Khad need to be measured Estimated cost need to be re-examined |
| 39 | DC –cum- Chairperson DDMA Kangra | Kangra | DPR of Dharamshala to Khaniyara Road Km 0/00 to 8/000 in Tehsil Dharamshala Distt. Kangra (H.P.) | Landslide | HPPWD | 1,55,40,000 | Not Recommended <ul style="list-style-type: none"> The title is not clearly indicating the work It appears that a long stretch of road, RD 0/000 to 8/000 KM need to be restored using this fund, which may not be acceptable as per SDMF Guidelines. |
| 40 | DC –cum- Chairperson DDMA Kangra | Kangra | DPR of Khara Danda Road Km 0/00 to 1/350 in Tehsil Dharamshala Distt. Kangra (H.P.) | Landslide | HPPWD | 77,55,000 | Not Recommended <ul style="list-style-type: none"> The title is not clearly indicating the work. It appears that a long stretch of road, RD 0/00 to 1/350 KM need to be restored using this fund, which may not be acceptable as per SDMF Guidelines. |
| 41 | DC –cum- Chairperson DDMA Kangra | Kangra | Baldhar Jassour road State disaster mitigation (SDMF) in Tehsil Nagrota Bagwan and Distt. Kangra (H.P.) | Landslide | HPPWD | 2,19,49,000 | Not Recommended <ul style="list-style-type: none"> Required to be reinvestigated for adequate drawing of structure at vulnerable locations. Detailed geological inputs like slope material, thickness and the lithology of the upper catchment are required for the landslide mitigation. Landslide prone area required to be investigated DPR need to be resubmitted as per SDMF guidelines. GIS based map and KML file needs to be submitted. The estimated cost need to be re-examined. |

**Project Management Unit-(PMU) - HPSDMA
2nd TECHNICAL APPRAISAL COMMITTEE MEETING, (26th October 2023)**

Decisions of the Meetings

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| 42 | DC –cum- Chairperson DDMA- Kangra | Kangra | Land Slide Mitigation of Gaggal Chetru Dharamshala Meeleodganj Road Kotwali Bazar Near Kali Mata Mandir at Dharamshala | Landslide | PWD | 17,30,18,302 | Recommended in Principle with modification <ul style="list-style-type: none"> • DPR need to be resubmitted in accordance with the guidelines provided by NDMF. • Recommended for NDMF, Subject to SEC approval |
| 43 | DC Cum Chairman DDMA- Kangra | Kangra | Disaster Related Mitigation work at Rajol Ansui to Chari road and agriculture land Protection Near Ghaj khad in Shahpur Kangra | Landslide | DDMA | 1,27,20,000 | Recommended |
| 44 | DC-cum- Chairperson- DDMA Kangra | Kangra | The Disaster Related Mitigation of WSS/LWSS schemes in Shahpur Kangra | Flood Protection | JSV | 1,65,07,712 | Recommended |
| 45 | 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 | 39,71,000 | Recommended The cost mentioned in PAC 1, by the IA was Rs. 3269530 and same was approved, However the project cost is Rs. 3971000 and difference of the amount need to be approved by the SEC. |
| 46 | Jal Shakti Division Palampur | Kangra | Flood Protection Work to Housing Board Colony Bindraban in Tehsil Palampur District Kangra | Flood Protection | JSV | 6,98,42,069 | Recommended |
| 47 | Executive Engineer HPPWD- Kangra | Kangra | DPR- Protection/Treatment of Landslides on Bhaler to Dali Roads under Kangra Division 0/000-4/000 | Landslide | HPPWD- Kangra | 11,44,79,150 | Recommended |

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|----|---|--------|--|------------------|------------------|--------------|---|
| 48 | Executive Engineer HPPWD- Kangra | Kangra | DPR- Protection/Treatment of Landslides on Bhaler to Duli Roads under Kangra Division 0/000-2/000 | Landslide | HPPWD- Kangra | 16,59,35,887 | Recommended in Principle with modification <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines of NDMF. Recommended for NDMF, Subject to SEC approval |
| 49 | DC-cum- Chairperson- DDMA Kangra | Kangra | Reflector collars on stray animals to minimize the incidence of road mishappening | Road Safety | DDMA | 14,22,240 | Recommended in Principle with modification <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines of SDMF |
| 50 | 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 | 4,14,42,998 | Recommended <ul style="list-style-type: none"> The cost mentioned in PAC 1, by the IA was Rs. 4,01,14,000 and same was approved, However the project cost is Rs. 41442998 and difference of the amount need to be approved by the SEC. |
| 51 | Jal Shakti Vibhag | Mandi | Flood Protection work for Jawal Khad and Bagsdaid Nallah Thunag Mandi | Flood Protection | JSV Thunag | 3,56,58,476 | Recommended |
| 52 | Jal Shakti Vibhag | Mandi | Flood Protection /Anti Erosion Measures works for Harijan Nallah in Tehsil Dharampur Mandi | Flood Protection | IPH Dharampur | 1,04,20,000 | Recommended |
| 53 | Jal Shakti Vibhag | Mandi | Flood Protection/Anti Erosion Measures works for Srilanka Nallah in Tehsil Dharampur Mandi | Flood Protection | IPH Dharampur | 1,03,80,000 | Recommended |
| 54 | Jal Shakti Vibhag | Mandi | Flood Protection/Anti Erosion Measures works for Dhardi Nallah in Tehsil Dharampur Mandi | Flood Protection | IPH Dharampur | 2,56,20,000 | Recommended |

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| 55 | Jal Shakti Vibhag | Mandi | Flood Protection/Anti Erosion Measures works for Balhara Nallah in Tehsil Dharampur Mandi | Flood Protection | IPH Dharampur | 1,06,80,000 | Recommended |
| 56 | Jal Shakti Vibhag | Mandi | Flood Protection works to nald khad in GP Laungani Dharampur Dist. Mandi | Flood Protection | IPH Dharampur | 1,95,04,692 | Recommended |
| 57 | Jal Shakti Vibhag | Mandi | Flood protection work for Kuhat nallah in Sandhole tehsil Sandhole Mandi RCC Channel from CSD Canteen to PWD Rest house From RD 0 to 1/000m) | Flood Protection | IPH Dharampur | 2,94,43,000 | Recommended |
| 58 | Jal Shakti Vibhag | Mandi | Flood Protection/Anti Erosion Measures works for Lower Tanehar Nallah in Tehsil Dharampur Mandi | Flood Protection | IPH Dharampur | 1,49,50,000 | Recommended |
| 59 | JSV Mandi | Mandi | Flood Protection work for Janjehli Bazaar and Lamba Thach area in tehsil Thunag Dist Mandi | Flood Protection | JSV | 3,96,59,585 | Recommended in Principle with modification <ul style="list-style-type: none"> • Detail Hazard Assessment, vulnerability assessment are required • The estimated cost need to be re-examined. |
| 60 | 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 | 1,79,22,000 | Recommended |
| 61 | DC-cum-Chairperson DDMA Chamba | Chamba | PPR for providing flood protection work to village Jatroon Trimath and Saloh in Tehsil Bhattiyat and district Chamba. | Flood Protection | JSV Chamba | 4,31,54,710 | Recommended |

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| 62 | 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 | 3,86,12,448 | Recommended |
| 63 | DC-cum-Chairperson DDMA Chamba | Chamba | Landslide Mitigation Measures for Prevention of Landslide Disaster over Narola Ghar on Nurpur Sanjha Nallah Lahru Tunnuhati Road KM 15/390 to 40/810 Chamba | Landslide | HPPWD | 2,72,46,190 | Recommended in Principle with modification <ul style="list-style-type: none"> The title is not clearly indicating the work It appears that a long stretch of road, RD 15/390 to 40/810 KM need to be restored using this fund, which may not be acceptable as per SDMF guidelines. Detailed geological inputs like slope material, thickness and the lithology of the upper catchment are required for the landslide mitigation. |
| 64 | DC-cum-Chairperson DDMA Chamba | Chamba | Landslide Mitigation Measures for Prevention of Landslide Disaster over Breughar on Nurpur Sanjha Nallah Lahru Tunnuhati Road KM (25/000 to 40/810) Chamba | Landslide | HPPWD | 7,69,55,800 | Recommended in Principle with modification <ul style="list-style-type: none"> The title is not clearly indicating the work It appears that a long stretch of road, RD 25/000 to 40/810 KM need to be restored using this fund, which may not be acceptable as per SDMF guidelines. Detailed geological inputs like slope material; thickness and the lithology of the upper catchment are required for the landslide mitigation. |
| 65 | DC-cum-Chairperson DDMA Chamba | Chamba | Landslide Mitigation Measures for Prevention of Landslide Disaster over Jatroon & Trimath Village on Ghatasni Pull to Bhalog Road KM 00/000 to 7/360 Chamba | Landslide | HPPWD | 36,41,88,887 | Recommended in Principle with modification <ul style="list-style-type: none"> The title is not clearly indicating the work It appears that a long stretch of road, RD 0/000 to 7/360 KM need to be restored using this fund, which may not be acceptable as per SDMF guidelines. Detailed geological inputs like slope material, thickness and the lithology of the upper catchment are required for the landslide mitigation. The estimated cost need to be re-examined DPR need to be resubmitted in accordance with the guidelines of NDMF. |

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| 66 | DC-cum-Chairperson DDMA Chamba | Chamba | Landslide Mitigation Measures for Prevention of Landslide Disaster over Tikargala Ghaar on Nurpur Sanjha Nallah Lahru Tunnuhatti Road KM 15/390 to 40/810 Chamba | Landslide | HPPWD | 9,17,24,411 | Recommended in Principle with modification <ul style="list-style-type: none"> The title is not clearly indicating the work The RD 15/390 to 40/810 KM seems that the long stretch of road need to be restore through this fund, need to be justify The estimated cost need to be re-examined Detailed geological inputs like slope material, thickness and the lithology of the upper catchment are required for the landslide mitigation. |
| 67 | 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 Tikri KM 1/000 to 4/000) | Landslide | HPPWD | 41,39,61,673 | Recommended in Principle with modification <ul style="list-style-type: none"> 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. |
| 68 | DC-cum-Chairperson DDMA Chamba | Chamba | DPR-Bhatalwan Ghar on Chamba Khajjiar Road | Landslide | NITTTR | 9,29,05,498 | Recommended in Principle with modification <ul style="list-style-type: none"> Need to be resolved TAC -1 observation(s) |
| 69 | DC-cum-Chairperson DDMA Chamba | Chamba | DPR- Sliding Prone on Sultanpur Link Road Helipad | Landslide | NITTTR | 14,30,69,033 | Recommended in Principle with modification <ul style="list-style-type: none"> Need to be resolved TAC -1 observation(s) |
| 70 | DC-cum-Chairperson DDMA Chamba | Chamba | DPR-Gali Ghar on Chamba Sahoo Kiri Road | Landslide | NITTTR | 1,69,18,150 | Recommended |

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| 71 | 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 | 6,76,49,400 | Recommended |
| 72 | Deputy Commissioner -cum- Chairperson DDMA Hamirpur | Hamirpur | Channelization on right bank of seer khad at Jahu in Tehsil Bhoranj Distt. Hamirpur | Flood Protection | JSV Bhoranj | 15,54,00,000 | Recommended in Principle with modification <ul style="list-style-type: none"> Flood plain area should be marked clearly on GIS Map Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river DPR need to be resubmitted in accordance with the guidelines of NDMF. |
| 73 | Deputy Commissioner -cum- Chairperson DDMA Hamirpur | Hamirpur | Providing Flood Protection works to various schemes in Kunah and Man Khad | Flood Protection | Jal Shakti Vibhag | 8,50,00,000 | Not recommended <ul style="list-style-type: none"> Flood plain area should be marked clearly on GIS Map Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river |
| 74 | 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 | 7,00,00,000 | Recommended |

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| 75 | 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 | 10,00,00,000 | Recommended |
| 76 | SE Jal Shakti Circle | Una | Providing Flood Protection at Ghaluwal in Tehsil Haroli Distt. Una HP (SH:- C/o 300 Rmt Long G.I wire crate in apron slope pitching and Toe key along the embankment damaged at various RD's near Ghaluwal Rest House) | Flood Protection | JSV Una | 70,94,602 | Not recommended <ul style="list-style-type: none"> • Flood plain area should be marked clearly on GIS Map • Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river |
| 77 | SE Jal Shakti Circle | Una | Providing Flood Protection at Haroli Khad in Tehsil Haroli Distt. Una HP (SH:- C/o 1250 Rmt Long G.I Wire Crate in apron various RD's Haroli Khad) | Flood Protection | JSV Una | 75,31,461 | Not recommended <ul style="list-style-type: none"> • Flood plain area should be marked clearly on GIS Map • Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river • The estimated cost need to be re-examined |
| 78 | SE Jal Shakti Circle | Una | Providing Flood Protection work in Bathri Khad to save cultivated land market industries and abadies in tehsil Haroli Distt. Una HP | Flood Protection | JSV Una | 94,84,670 | Not recommended <ul style="list-style-type: none"> • Flood plain area should be marked clearly on GIS Map • Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river |
| 79 | 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 | 99,73,000 | Recommended |

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| 80 | SE Jal Shakti Circle | Una | Providing Flood Protection work in Pandoga Industrial area to save the abadies of Harizan Basti in Village Pandoga Tehsil Haroli Distt. Una HP | Flood Protection | JSV Una | 2,09,35,495 | Not recommended <ul style="list-style-type: none"> Flood plain area should be marked clearly on GIS Map Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river |
| 81 | 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 | 3,35,36,000 | Recommended |
| 82 | SE Jal Shakti Circle | Una | Providing Flood Protection in Bhadsali Har to save abides of Mohalla tholian in Tehsil Haroli Distt. Una HP (SH:- C/o Earthen Embankment with apron Slope pitching and Toe wall on tholian Khad) | Flood Protection | JSV Una | 3,68,33,044 | Not recommended <ul style="list-style-type: none"> Flood plain area should be marked clearly on GIS Map Flood Modelling as per CWC guidelines and BIS code need to incorporate and planned considering the HFL of the river |
| 83 | 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 | 6,98,45,000 | Recommended |
| 84 | EE Jal Shakti Division Una | Una | Channelsiation of Seer Nallah in Village Panjavar Tehsil Haroli Distt. Una | Flood Protection | JSV Una | 7,22,06,000 | Recommended |
| 85 | EE Jal Shakti Division Una | Una | Providing Storm Water Drainage to Una Town under SDMG in Tehsil & Distt. Una | Flood Protection | JSV Una | 19,66,71,222 | Recommended in Principle with modification <ul style="list-style-type: none"> 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. |

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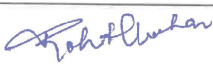
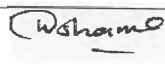
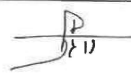
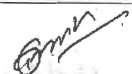
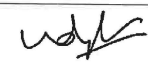



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| 86 | DC-cum-Chairperson DDMA Solan | Solan | Flood Protection/ Channelization of Both the Banks of Ashwani Khad at Sadhupul | Flood | JSV Solan | 4,07,00,000 | Recommended <ul style="list-style-type: none"> The cost mentioned in PAC II, by the IA was Rs. 4,00,00,000 and same was approved, However the project cost is Rs. 40700000 and difference of the amount need to be approved by the SEC. |
| 87 | Jal Shaki Department | HP | Recharging of Ground water through dry and defunct hand pumps and tube wells through roof tap rainwater harvesting structure Proposal for Aquifer mapping in porous formation in HP | Drought | JSV | 13,25,30,000 | Recommended in Principle with modification <ul style="list-style-type: none"> Need to be mapped the aquifer The existing working and not working hand pumps need to be mapped DPR need to be resubmitted in accordance with the guidelines provided by SDMF. The cost mentioned in PAC II, by the IA was Rs. 126323000 and same was approved, however now the project cost is Rs. 132530000 and difference of the amount and need to be approved by the SEC. |
| 88 | DC-cum-Chairperson DDMA Bilaspur | Bilaspur | Landslide mitigation measures for presentation of Landslide disaster on Link road from Ghumarwin Seer Khad Bridge to Nalwari Mela ground Ghumarwin in km 0/000 to km 0/400 in Tehsi Ghumarwin District Bilaspur HP (SH: Construction of R/Wall,B/Wall & Bio Engineering works in km 0/000 to km 0/400). | Landslide | PWD Ghumarwin | 98,97,000 | Recommended in Principle with modification <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines provided by SDMF. |
| 89 | DC-cum-Chairperson DDMA Bilaspur | Bilaspur | Link road from Ghumarwin Seer Khad Bridge to Nalwari Mela ground Ghumarwin in km 0/000 to km 0/400 in Tehsil Ghumarwin District Bilaspur HP (SH: Construction of R/Wall,B/Wall & Bio | Landslide | PWD Ghumarwin | 3,15,57,677 | Recommended in Principle with modification <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines provided by SDMF. |

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| | | | Engineering works in km 0/000 to km 0/400). | | | | |
| 90 | DC-cum-Chairperson DDMA Bilaspur | Bilaspur | Detailed Project report for Flood Mitigation measures for Galahi Nallah at Galahi Tehsil Ghumarwin District Bilaspur H.P. | Landslide | PWD Ghumarwin | 2,29,12,967 | Recommended in Principle with modification <ul style="list-style-type: none"> DPR need to be resubmitted in accordance with the guidelines provided by SDMP. |

The DPRs from Sr. No. 1 to 90 were evaluated by the following experts:-

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|---|---|--|---|
| Dr. Rohit Chauhan (GIS & RS Spl.) | Er. Kanchan Sharma, EE (S&P) JSV | Dr. Vivek Gupta (Assist. Prof) IIT Mandi | Dr. Kesar Chand (Scientist C) GB Pant Institute-Mohal, Kullu |
|  |  |  |  |
| Dr. K.V.Uday (Associate Prof.) IIT Mandi | Dr. Hemant Kumar Vinayak (Associate Prof.) NIT Hamirpur | Dr. R.S. Banshtu (Associate Prof.) NIT Hamirpur | Dr. D.P. Kanungo (Chief Scientist) CBRI Roorkee |
|  |  |  |  |