

No. 416-511 /Drainage/14/2019

Dated: 05.02.2019

From

Engineer-in-Chief,
Haryana Irrigation & Water Resources Department,
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To

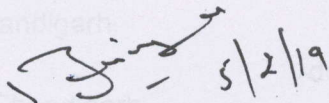
All the Members/Special Invitees,
Haryana State Drought Relief & Flood Control Board.
(As per list attached)

Subject: - Minutes of 50th meeting of Haryana State Drought Relief & Flood Control Board.

Kindly find enclosed herewith the Minutes of 50th Meeting of Haryana State Drought Relief & Flood Control Board held on **15.01.2019** under the Chairmanship of **Hon'ble Chief Minister, Haryana** for information and necessary action. The minutes have been issued with the approval of the Hon'ble Chief Minister, Haryana.

It is requested to send the action taken report on the points related to your office at the earliest.

DA/As above

 5/2/19
Engineer-in-Chief,
Irrigation and Water Resources Department,
Haryana, Panchkula.

LIST OF MEMBERS

HARYANA STATE DROUGHT RELIEF & FLOOD CONTROL BOARD

OFFICIAL MEMBERS

1. Hon'ble Chief Minister, Haryana.	Chairman
2. Finance Minister, Haryana.	Member
3. Agriculture Minister, Haryana.	-do-
4. Revenue & Disaster Management Minister, Haryana.	-do-
5. Chief Secretary, Govt. of Haryana, Chandigarh.	-do-
6. Additional Chief Secretary, Govt. of Haryana, Revenue & Disaster Management Department, Chandigarh.	-do-
7. Additional Chief Secretary, Government of Haryana, Agriculture Department, Chandigarh.	-do-
8. Additional Chief Secretary, Govt. of Haryana, Animal Husbandry and Dairying Department, Chandigarh.	-do-
9. Additional Chief Secretary, Govt. of Haryana, Mines and Geology Department, Chandigarh.	-do-
10. Additional Chief Secretary, Govt. of Haryana, PW (B&R) Department, Chandigarh.	-do-
11. Additional Chief Secretary, Govt. of Haryana, Power Department, Chandigarh.	-do-
12. Additional Chief Secretary to Government of Haryana, Forest & Wildlife Department, Chandigarh.	-do-
13. Additional Chief Secretary, Govt. of Haryana, Finance Department, Chandigarh.	-do-
14. Additional Chief Secretary, Govt. of Haryana, Planning Department, Chandigarh	-do-
15. Principal Secretary, Govt. of Haryana, Development and Panchayat Department, Chandigarh.	-do-
16. Principal Secretary, Government of Haryana, Irrigation and Water Resources Department, Chandigarh.	-do-
17. Principal Secretary, Government of Haryana, Public Health Engineering, Department, Chandigarh.	-do-
18. Principal Secretary, Govt. of Haryana, Urban Local Bodies Department, Chandigarh.	-do-
19. Principal Secretary, Govt. of Haryana, Town and Country Planning Department, Chandigarh.	-do-
20. Commissioner, Ambala Division, Ambala.	-do-
21. Commissioner, Gurugram Division, Gurugram.	-do-
22. Commissioner, Hisar Division, Hisar.	-do-
23. Commissioner, Rohtak Division, Rohtak.	-do-
24. Engineer-In-Chief, PW(B&R) Department, Haryana, Sector-33, Chandigarh.	-do-

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| 25. Engineer-In-Chief,
Public Health Engineering Department, Haryana, Panchkula. | -do- |
| 26. Member (RM) Central Water Commission,
Room No. 212(S) Sewa Bhawan, R.K. Puram, New Delhi.
110066 | -do- |
| 27. Principal Chief Conservator of Forest, Haryana, Panchkula. | -do- |
| 28. Engineer-In-Chief,
Irrigation and Water Resources Department Haryana, Panchkula. | Member
Secretary |
| 29. Chief Engineer/YWS (North)
Irrigation and Water Resources Department, Haryana, Panchkula. | Joint Member
Secretary |
| 30. Chief Engineer/ YWS (South)
Irrigation and Water Resources Department, Haryana, Delhi. | Member |
| 31. Chief Engineer/BWS,
Irrigation and Water Resources Department, Haryana, Panchkula. | -do- |
| 32. Chief Engineer/LCU,
Irrigation and Water Resources Department, Haryana, Panchkula. | -do- |

SPECIAL INVITEES

1. Principal Secretary to Chief Minister Haryana, Chandigarh.
2. Additional Principal Secretary-I to Chief Minister, Haryana, Chandigarh.
3. Additional Principal Secretary-II to Chief Minister, Haryana, Chandigarh.
4. Dy. Principal Secretary to Chief Minister, Haryana, Chandigarh
5. Principal Officer on Special Duty to Chief Minister Haryana, Chandigarh.
6. Officer on Special Duty to Chief Minister Haryana, Chandigarh.
7. Chairman & Managing Director, DISCOM (UHBVNL and DHBVNL), Panchkula.
8. Administrator, CADA, Panchkula.
9. Secretary, Revenue & Disaster Management Department, Haryana, Chandigarh.
10. Secretary, Irrigation and Water Resources Department, Haryana, Chandigarh.
11. Director General-cum- Secretary, Information,
Public Relations & Cultural affairs, Haryana, Chandigarh.
12. Commander/Headquarter, Punjab, Haryana and Himachal Pradesh,
Independent Sub Area, Western Command, Ambala Cantt.
13. Representative of National Highway Authority of India, New Delhi-110075
14. Representative of Indian Meteorological Department, Regional Office, Chandigarh
15. Representative of Haryana Space Application Centre, Hisar
16. Chief Engineer / Co-ordination,
Irrigation and Water Resources Department, Haryana, Panchkula.
17. Chief Engineer/Construction,
Irrigation and Water Resources Department, Haryana, Panchkula.
18. Chief Engineer/Project,
Irrigation and Water Resources Department, Haryana, Panchkula.
19. Chief Engineer / CADA, Panchkula.
20. Deputy Commissioner, Ambala.
21. Deputy Commissioner, Bhiwani.
22. Deputy Commissioner, Faridabad.
23. Deputy Commissioner, Fatehabad.

24. Deputy Commissioner, Gurugram.
25. Deputy Commissioner, Hisar.
26. Deputy Commissioner, Jhajjar.
27. Deputy Commissioner, Jind.
28. Deputy Commissioner, Kaithal.
29. Deputy Commissioner, Karnal.
30. Deputy Commissioner, Kurukshetra.
31. Deputy Commissioner, Mahendergarh at Narnaul.
32. Deputy Commissioner, Mewat at Nuh.
33. Deputy Commissioner, Palwal.
34. Deputy Commissioner, Panchkula.
35. Deputy Commissioner, Panipat.
36. Deputy Commissioner, Rewari.
37. Deputy Commissioner, Rohtak.
38. Deputy Commissioner, Sirsa.
39. Deputy Commissioner, Sonapat.
40. Deputy Commissioner, Yamuna Nagar.
41. Deputy Commissioner, Charkhi Dadri.
42. Superintending Engineer,
Planning, Irrigation and Water Resources Department, Haryana, Panchkula.
43. Superintending Engineer, HKB Circle, Jagadhari.
44. Superintending Engineer, YWS Circle, Karnal.
45. Superintending Engineer, YWS Circle, Sonapat.
46. Superintending Engineer, YWS Circle, Delhi.
47. Superintending Engineer, YWS Circle, Faridabad.
48. Superintending Engineer, YWS Circle, Jind.
49. Superintending Engineer, SYL W.S. Circle, Ambala.
50. Superintending Engineer, BWS Circle, Kaithal.
51. Superintending Engineer, BWS Circle, Hisar.
52. Superintending Engineer, BWS Circle, Fatehabad.
53. Superintending Engineer, BWS Circle, Sirsa.
54. Superintending Engineer, YWS Circle, Rohtak.
55. Superintending Engineer, Jhajjar W.S. Circle, Jhajjar.
56. Superintending Engineer, YWS Circle, Bhiwani.
57. Superintending Engineer, LWS Circle, Bhiwani.
58. Superintending Engineer, JLN W.S. Circle, Rewari.
59. Superintending Engineer, JLN W.S. Circle, Narnaul.
60. Superintending Engineer, Work Shop Circle, Karnal.
61. Superintending Engineer/CDO,
Irrigation and Water Resources Department, Haryana, Panchkula.
62. Executive Engineer/CDO-I,
Irrigation and Water Resources Department, Haryana, Panchkula.

63. Executive Engineer/Drainage,
Irrigation and Water Resources Department, Haryana, Panchkula.
64. Executive Engineer/Nabard,
Irrigation and Water Resources Department, Haryana, Panchkula.

Minutes of 50th meeting of Haryana State Drought Relief & Flood Control Board (HSDR&FCB) held on 15.01.2019 under the Chairmanship of Hon'ble Chief Minister, Haryana.

The list of participants is at **Annexure A**.

The Additional Chief Secretary, Revenue & Disaster Management Department, Haryana welcomed the Hon'ble Chief Minister, Hon'ble Finance minister, Haryana, and senior officers in the meeting. All Divisional Commissioners, Deputy Commissioners and Senior officers of I&WRD & PHED, who had joined in the meeting through video conference, were also welcomed.

ACS, Revenue apprised the Board about the discussions held in 48th meeting of Haryana State Technical Advisory Committee (HSTAC) held on 15.01.2019 in the forenoon session. It was brought out that all the new schemes (except that of Jind Distt.) proposed for approval of the Board were discussed in detail. She further told that 10 new schemes and 2 schemes of distt. Yamunanagar with revised scope on the request of respective Deputy Commissioners were also considered by HSTAC and same were circulated as recommendation of HSTAC as supplementary agenda for consideration and approval of Board. (Supplementary agenda annexed as **Annexure –B**).

The Principal Secretary (Irrigation & Water Resources Department) welcomed the Chairman and all the participants and further gave a brief account of the flood situation during 2018. The PS/I&WRD also informed about the efficiency and benefits of the flood protection works executed in previous years. The Engineer in Chief and Chief Engineer/LCU, IWRD briefed about the success stories of dewatering and land reclamation after the execution of schemes in village Dighal in District Jhajjar, Villages Shakkerpura and Singwa in District Hisar and he further stated that based on the past experiences this year similar new dewatering schemes are proposed in villages Dighal and Kondrawali.

Thereafter, discussions/deliberations on the agenda items were held. The record of discussions and decisions are brought out as under:-

Item No. 1: No comments were received from any quarter. The minutes of 49th meeting of HSDR&FCB held on 19.03.2018 were confirmed.

Item No.2: Action Taken Report (ATR) was noted. Regarding Sr. no. 1 of (ATR), it was apprised that work of 117 schemes has been completed whereas work on 57

schemes are under progress. Furthermore, this year 15 schemes have been proposed to be dropped due to non-availability of land and other technical issues. The Hon'ble Chief Minister asked the district administration to create awareness among farmers/public regarding the benefits of the schemes and the land holders must be encouraged to provide their land voluntarily at collector's rate. He further desired that land holders should not hesitate in giving their land for flood protection works at collector rate.

On Sr. no. 2 regarding balance payment from Urban Local Bodies for the deposit work of remodeling of Panipat Drain from Rd 55673 to 64400 (Phase-II) with estimated cost of Rs 13.55 Crore, the Principal Secretary, ULB agreed to provide the funds at the earliest.

On Sr. no. 3 regarding exploring the alternatives to reuse the water and not just throwing into drain, it was informed that I&WRD has planned schemes for reutilization of flood water in districts Jhajjar and Panipat in association with Haryana State Pollution Control Board .

On Sr. no. 4 regarding preparations to face serious Heat Wave conditions in Year 2018; the ACS, Revenue stated that due to well-coordinated efforts with I&WRD & PHED no causality or major damage occurred due to Heat wave in the State and no drought conditions were reported last year.

On Sr. no. 5 regarding checking the quality of water before injecting into the ground water recharge or bore wells, it was brought out that required instructions were circulated to all concerned officers to ensure its compliance.

On Sr. no. 6 regarding monitoring the flood protection schemes by the District Administration; the instructions regarding same were given to all concerned and the committee was constituted to check the flood protection works.

Item No. 3: Flood report of Haryana for the year 2018 was noted. The PS/I&WRD pointed out that despite the fact that the State experienced 10.10 % deficit rain fall during monsoon 2018, some districts have still faced water logging problem due to accumulation of rain water in low laying fields & abadi area during the unprecedented rainfall of 22-23-24 September, 2018. The heavy rains during this period flooded about 2,30,000 acres, resulting in damage of crops. However, well-coordinated efforts of officers of I.W.R.D with Distt. Administration, the

dewatering of fields were carried out efficiently. PS/ I&WRD further apprised that additional 245 pumps have been procured during 2018 and same were utilized for draining out the flood water in low lying areas timely and efficiently. Further procurement of some additional pumps has been proposed in this year also. Apart from this river Yamuna received more than 6 lac cusecs of discharge which passed safely; however erosion of banks at few places along river were reported. It was desired that district administration shall clear the bills of private operators engaged for dewatering of fields at the earliest after arranging the funds from Revenue Department. The Position of pumps and new inventory that was added this year with IWRD were also discussed. The Chief Minister directed to compile and prepare a consolidated list of all inventories available with all departments in Haryana and the compiled information may be circulated to all concerned departments, for utilizing the same in case of occurrence of flood like situation anywhere in state. As regard to payment of compensation (Kharaba) to farmers, ACS Revenue informed that all the Deputy Commissioners have been directed to complete survey associated with District Agricultural Officers within three days and send the report to H.Q at the earliest. Further compensation to farmers shall be disbursed in association with agriculture department.

Item No. 4: PS/I&WRD informed that HSTAC has recommended 153 schemes costing Rs. 152.77 Cr (cost later increased to Rs. 154.17 Crore) including supplementary schemes as circulated as **Annexure-B** for approval of the Board. The Chief Minister, Haryana directed that schemes pertaining to flood protection and drainage works only be proposed to the Board. The 12 schemes of District Jind were not discussed due to imposition of model code of conduct by Election Commission and the decision regarding the same shall be taken separately. The Board authorized the Chairman to consider the approval of schemes of Jind District on file after completion of election process in District Jind.

The Chairman of the Board desired to know the actual reason behind lakhs of acre of land becoming unfit for agricultural purpose in Ellenabad in District Sirsa, The Deputy Commissioner Sirsa explained that this problem has occurred due to the rise in Ground Water Table in that region. The Addl. Chief Secretary, Agriculture added that to know the root cause and solution thereof, the manual mapping of the area has been done and the work to digitalize the same is in

progress. However, a comprehensive solution in consultation with the experts shall also be proposed very soon.

The Deputy Commissioner Bhiwani pointed out that 02 schemes are proposed to be dropped as the land owners refused to provide their land for execution of flood protection scheme. The Chairman directed that merely dropping the schemes should not be the intention but the affected people must also be persuaded to provide their land where urgent flood protection schemes are required or otherwise the officers must provide an alternative solution to overcome the existing problem.

The Finance Minister also pointed out that district administration must ensure that the culverts on National Highway should never be blocked, rather any obstruction to the flow of water must be removed immediately.

The Deputy Commissioner Yamunanagar briefed to the Chairman that high flood discharge was received in river Yamuna in 2018 which affected various villages along river Yamuna. The agendas to protect these villages have been incorporated in this year's proposals. However due to paucity of funds, the scheme proposed in the agenda to protect village Odri is inadequate; and the Board was requested to allow to increase the scope of work in district Yamunanagar at Sr. no.142 page no. 55 of main agenda as mentioned below:-

*“Agenda for construction of 1855 ft stone steining & 06 stone studs for the protection of village Odri from River Yamuna amounting to **Rs. 195 Lacs** (against the initial cost Rs.55.03 Lacs)”*

Finally, after detailed deliberations, **153 schemes amounting to Rs. 154.17 Crore** were approved by the Board.

Item No.5: The Principal Secretary (I&WRD) briefed the Board regarding the status of on-going schemes which were approved during 49th meeting of Haryana State Drought Relief & Flood Control Board held on 19.03.2018. It was informed that a total of **111 schemes** with balance requirement of funds of **Rs.148.12 Crore** were discussed in the 48th meeting of HSTAC in the noon session and proposed to be carried forward for FY 2019-20 and thereafter. However, 15 schemes, approved in previous Board meetings were proposed to be dropped on account of unavailability of land and various administrative and technical reasons. Thence,

111 no. ongoing schemes with balance requirement of Rs. 216.34 Cr. for the next 03 financial years were also noted by the Board for continuation.

Item No.6: The PS/(I&WRD) informed the Board that 07 schemes approved in previous Board meetings under Deposit Head could not be taken up as the balance amount of Rs 79.84 Cr. is still pending with Haryana Urban Development Authority (HUDA) now HSVP, Municipal Corporation Panipat, Municipal Corporation Faridabad and HSIIDC. The Principal Secretary, Town and Country Planning expressed his inability to provide the funds in view of the financial constraints of the Authority. However, during the last meeting it was decided that Irrigation & Water resources Department may clear the liability of contractors to avoid litigation. The I&WRD had cleared the liability from its own resources after approval from Hon'ble Chief Minister, Haryana, but the pending funds are yet to be deposited by the departments to reconcile the accounts to avoid any audit objection. The PS/Town & Country Planning and PS, Urban Local Bodies agreed to clear the current liability at the earliest.

Item No. 7: It was informed by Principal Secretary (I&WRD) that during the FY 2018-19, Finance Department had allocated Rs 120.00 Crore in original budget estimate and out of that, Rs. 66.00 Crore has already been spent so far on various flood protection schemes. Further, the total requirement of budget for the financial year 2019-20 is as under:-

Sr. No.	Schemes	Amount required during 2019-20 (Rs. in Cr.)
1.	New schemes (153)	154.17
2.	Ongoing schemes (111)	148.11
	Total	309.48

(*12 new schemes amounting to Rs. 15.69 Cr. in Distt Jind shall be taken up Separately after the culmination of model code of conduct)

Accordingly ACS, Finance was requested to allocate additional budget under head 4711-Flood Control & Drainage, so that Department is able to complete the maximum number of schemes on priority basis during the Financial

Year 2019-20. The ACS, Finance brought out that allocation of budget of Rs. 309.48 Crore during Financial Year 2019-20 is subject to availability of funds. Initially, the budget of about Rs. 125.00 Cr. would be allocated for 2019-20. However, he assured that the requirement of additional funds, if any, will be reviewed at the time of supplementary budget as per performance of the department.

The PS/I&WRD requested that as per the previous practice, the works approved by the Board, should be exempted from taking administrative approval of individual works and the concerned officers shall be allowed to take up approved flood works immediately without any further delay.

After deliberations, it was decided that I&WRD & PHED may start the works immediately as approval of the Board is *de facto* administrative approval. However regarding technical sanction of individual works, the same may be taken from the respective competent authorities, as the case may be.

Item No.8: The Principal Secretary, Public Health Engineering Department briefed about the Status of Schemes completed during 2018-19, on going schemes and funds required to complete the ongoing works during 2019-20. Out of total 36 schemes approved, 13 schemes were completed during 2018-19 and 23 schemes were reported as in progress. To complete these 23 ongoing schemes, funds to the tune of Rs.2000.00 lacs are required during 2019-20.

The Board approved the proposal of Public Health Engineering Department.

Additional Discussions:-

1. The Chairman of the Board, Hon'ble Chief Minister also directed the Irrigation and Water Resources Department to start the internal clearance and desilting of drains well before the monsoon and district administration shall provide MNREGA labour to the department for clearance of drains timely. I&WRD shall utilize the maximum funds available under MNREGA for clearance of drains and canals. District Administration and Irrigation Department shall certify that all the drains have been cleared as per

requirement before 15th May 2019 to the Revenue and Irrigation Department respectively.

2. The Chairman of the Board mentioned that the schemes for construction of new bridges on rivers/rivulets must be taken up separately by the PWD (B&R) or Marketing Board as the case may be, and that such schemes should not be proposed before the HSDR&FCB.

The Hon'ble Chief Minister directed all the Deputy Commissioners to monitor the flood protection schemes, their effectiveness and ensure reliability and quality of works executed. The meeting was concluded with the message from Chairman to all members that *“Hope for best but prepare for the worst”*.

The meeting ended with a vote of thanks to the Chair.

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LIST OF PARTICIPANTS**HARYANA STATE DROUGHT RELIEF & FLOOD CONTROL BOARD****OFFICIAL MEMBERS**

1.	Sh. Manohar Lal, Hon'ble Chief Minister, Haryana.	Chairman
2.	Capt. Abhimanyu, Finance and Revenue & Disaster Minister, Haryana.	Member
3.	Smt. Keshni Anand Arora, Additional Chief Secretary, Govt. of Haryana, Revenue & Disaster Management Department, Chandigarh.	-do-
4	Smt Navraj Sandhu, Additional Principal Secretary, Government of Haryana, Agriculture Department, Chandigarh.	-do-
5	Sh. Pranab K. Das, Additional Chief Secretary, Govt. of Haryana, Mines and Geology Department, Chandigarh.	-do-
6	Sh. Alok Nigam, Additional Chief Secretary, Govt. of Haryana, PW (B&R) Department, Chandigarh.	-do-
7	Sh. Trilok Chand Gupta, Additional Principal Secretary, Govt. of Haryana, Power Department, Chandigarh.	-do-
8	Sh. T. V. S. N Prasad , Additional Chief Secretary, Govt. of Haryana, Finance and Planning Department, Chandigarh.	-do-
9	Sh. Anurag Rastogi, Principal Secretary, Govt. of Haryana Irrigation & W.R. Department, Chandigarh	-do-
10	Sh. Anand M. Sharan Principal Secretary, Govt. of Haryana Urban Local Bodies Department, Chandigarh	-do-
11	Sh. A.K. Singh, Principal Secretary, Govt. of Haryana Town & Country Planning Department, Chandigarh	-do-
12	Sh. M.Shayin, Commissioner, Gurugram Division, Gurugram.	-do-
13	Sh. Rakesh Manocha , Engineer-In-Chief, PW(B&R) Department, Haryana, Sector-33, Chandigarh.	-do-

14	Sh. Manpal Singh, Engineer-In-Chief, Public Health Engineering Department, Haryana, Panchkula.	Member
15	Sh. S.K. Sharma, Director, Member (RM) Central Water Commission, Room No. 212(S) Sewa Bhawan, R.K. Puram, New Delhi. 110066	-do-
16	Dr. A.K. Hooda, Principal Chief Conservator of Forest, Haryana, Panchkula.	-do-
17	Sh. Birender Singh, Engineer-In-Chief, Irrigation and Water Resources Department Haryana, Panchkula.	Member Secretary
18	Sh. M. L. Rana, Chief Engineer/YWS (North) Irrigation and Water Resources Department, Haryana, Panchkula.	Joint Member Secretary
19	Sh. Sandeep Taneja, Chief Engineer/ YWS (South) Irrigation and Water Resources Department, Haryana, Delhi.	Member
20	Sh. Phool Singh Nain , Chief Engineer/BWS, Irrigation and Water Resources Department, Haryana, Panchkula.	-do-
21	Dr. S.S. Kadian, Chief Engineer/LCU, Irrigation and Water Resources Department, Haryana, Panchkula.	-do-

SPECIAL INVITEES

1. Sh. V. Uma Shankar,
Additional Principal Secretary-I to Chief Minister, Haryana, Chandigarh.
2. Smt. Ashima Brar,
Dy. Principal Secretary to Chief Minister, Haryana, Chandigarh
3. Sh. Lalit Mohan Sharda,
Joint Secretary Revenue Representing,
Secretary Revenue & Disaster Management Department, Haryana, Chandigarh.
4. Dr. Anup Kumar, Senior Scientist
Representative of Haryana Space Application Centre, Hisar
5. Sh. Sandeep Bishnoi,
Chief Engineer / Co-ordination,
Irrigation and Water Resources Department, Haryana, Panchkula.
6. Sh. Jaideep Rao,
Chief Engineer/Construction,
Irrigation and Water Resources Department, Haryana, Panchkula.
7. Sh. Rakesh Chauhan,
Chief Engineer / CADA, Panchkula.
8. Sh. Rakesh Kumar Sood,
Superintending Engineer/CDO,
Irrigation and Water Resources Department, Haryana, Panchkula.
9. Sh. Sunny Bharti ,
Executive Engineer/ CDO-I & Drainage,
Irrigation and Water Resources Department, Haryana, Panchkula.
10. Sh. Ajay Pal
Executive Engineer/Nabard,
Irrigation and Water Resources Department, Haryana, Panchkula.

List of other Participants Attended the Meeting

- 1. Sh. Vineet Garg,
Commissioner Karnal Division**
- 2. Sh. Ajit Joshi
Director Agriculture Department**
- 3. Sh. Harmail Singh
Advisor, I&WR, Panchkula**
- 4. Sh. T. K. Sharma
CE, UHBVN, Panchkula**
- 5. Sh. R. K Sodha
CE, DHBVN, Hisar**
- 6. Sh. V. K. Kalra,
CE, HSVP**
- 7. Sh. O. P Goyal
CE ULB**
- 8. Sh. A. K Pahwa
CE, PHED**
- 9. Sh. Rakesh Kumar
Chief Hydrologist**
- 10. Sh. Shivinder
Scientist –B**
- 11. Sh. V. S Raparia
Additional Director Agriculture**
- 12. Sh. Pankaj Mahalla
WDS, Agriculture Department**
- 13. Sh. Anil Banwala
CPO**
- 14. Sh. Sanjay Rahar
SE, I&WRD Panchkula**
- 15. Sh. Virender Malhotra
XEN/BWS, I&WRD Panchkula**
- 16. Sh. Vinay Sabharwal
XEN/YWS (N), I&WRD Panchkula**
- 17. Sh. Jagpal Singh
XEN/LCU, I&WRD Panchkula**
- 18. Sh. Dinesh Jain
XEN/Planning I&WRD Panchkula**
- 19. Sh. Dharam Pal
Supdt. Revenue & Disaster Management Deptt.**
- 20. Ms. Ritesh
CBO , Revenue & Disaster Management Deptt.**

Annexure B

Recommendation of the Meeting on 48th meeting of Haryana State Technical Advisory Committee on Drought Relief & Floods held under the Chairpersonship of Addl. Chief Secretary (Revenue & Disaster Management) on dated 15.01.2019 at Haryana Niwas, Sector-3, Chandigarh.

In order to finalize the agenda for the Haryana State Drought Relief & Flood Control Board meeting, the discussions regarding the new as well ongoing flood protection schemes were held with the concerned Deputy Commissioners; after the detailed deliberation with concerned officers the following Supplementary Schemes are recommended for addition in 50th meeting of Haryana State Drought Relief & Flood Control Board:-

(Rs. In Lacs)

Sr. No.	Name of Constituency	Name of Irrigation Circle	Name of Schemes	S, M, L	Estimated Cost	Requirement of Funds			Remarks
						2019-20	2020-21	2021-22	
<u>Supplementary Schemes</u>									
<u>BWS Unit</u>									
<u>District Panchkula</u>									
01	Kalka	SYL Circle Ambala	Double tier steining for the protection of village of village Jholuwal from Sirsa River after flood 2018.	S	17.00	17.00	0.00	0.00	Recommended by the concerned Deputy Commissioner
02	Kalka	SYL Circle, Ambala	Three tier steining for the protection of village abadi of village Madhanwala from River Madhanwali after flood 2018.	S	23.00	23.00	0.00	0.00	Recommended by the concerned Deputy Commissioner
<u>District Hisar</u>									
03	Adampur	BWS Circle Hisar	Providing protection and restoration of capacity of Hisar Ghggar Multipurpose channel (Drain) from RD 205230 to 269650	M	80.25	40.25	40.00	0.00	Recommended by the concerned Deputy Commissioner
<u>YWS (S) UNIT</u>									
<u>District Sonipat</u>									
04	Sonipat	YWS Circle, Sonipat	Providing protection at Tikola Complex by constructing 01 No. new stone stud and 1055 feet revetment on river Yamuna A/F 2018	S	98.45	98.45	0.00	0.00	Recommended by the concerned Deputy Commissioner
05	Gohana	YWS Circle, Sonipat	To make pucca drain in village Bhatgaon Dongran from Purbia Dera to Bhatgaon Malyan i.e. providing brick lining on side slope of Bhatgaon Dongran link Drain from RD 3500 to 5000 (CM Announcement code No. 23606)	S	16.00	16.00	0.00	0.00	Recommended by the concerned Deputy Commissioner

Sr. No.	Name of Constituency	Name of Irrigation Circle	Name of Schemes	S, M, L	Estimated Cost	Requirement of Funds			Remarks
						2019-20	2020-21	2021-22	
<u>LIFT CANAL UNIT</u>									
<u>District Rohtak</u>									
06	Kalanaur	YWS Circle Rohtak	Laying underground PVC pipeline at village pond Kateshra to Pilana Minor RD 10700-R	S	38.00	38.00	0.00	0.00	Recommended by the concerned Deputy Commissioner
07	Kalanaur	YWS Circle Rohtak	Constructing Sundana pipeline pump house link drain from RD 0 to 5950 and Bhutian Minor tail to Drain No. 8 pipe link drain from RD 0 to 7250 outfall at RD 202000-L Drain No. 8	L	376.23	76.23	150.00	150.00	Recommended by the concerned Deputy Commissioner
08	Kalanaur	YWS Circle Rohtak	Procurement of PVC pipeline of 8 inch dia to drain out flood water from the fields of village Gudhan and Katesra	S	29.60	29.60	0.00	0.00	Item procured, Ex-Post Facto approval required.
<u>District Jhajhar</u>									
09	Jhajhar	JWS Circle, Jhajhar	Procurement of HDPE pipeline 200 mm dia and 160 mm dia in W.S Mech. Divn. Jhajhar	S	32.00	32.00	0.00	0.00	Item procured, Ex-Post Facto approval required.
<u>District Bhiwani</u>									
10	Charkhi Dadri	LWS Circle, Bhiwani	Procurement of 4 No. 10 cs. Vertical pumps alongwith motors of 50 HP, starters and 20 No. EP sets of 3 cs. Capacity	S	72.50	72.50	0.00	0.00	Item procured, Ex-Post Facto approval required.
<u>YAMUNA WATER SERVICES(N) UNIT</u>									
<u>District Yamuna Nagar</u>									
11	Radaur	HKB Circle, Jagadhari	Construction of 1730 feet stone steining for the protection of village Kamalpur from River Yamuna	S	108.47 (initial cost 27.47)	108.47 (Amount raised Rs. 81.00 lacs).	0.00	0.00	Recommended by the concerned Deputy Commissioner in replacement of Agenda at serial No. 133 of original agenda (Amount raised Rs. 81.00 lacs).
12	Radaur	HKB Circle, Jagadhari	Construction of 06 Nos. stone stud and 700 feet stone steining for protection of village Lal Chappar from river Yamuna	S	181.00 (initial cost 91.00)	181.00 (Amount raised Rs. 90.00 lacs).	00.00	00.00	Recommended by the concerned Deputy Commissioner in replacement of Agenda at serial No. 135 of original agenda. (Amount raised Rs. 90.00 lacs)
Total					954.03	614.03	190.00	150.00	

Districtwise Details of New Proposed Flood schemes approved in 50th meeting of HSDR&FCB

(Rs. in lacs)

Sr. No	Name of Constituency	Name of Irrigation Circle	Name of Work	Short Medium, Long Term,(S/M/L)	Est. Cost	Requirments of funds		
						2019-20	2020-21	2021-22
			BWS					
			Dist:- AMBALA					
1	AMBALA CITY	SYL CIRCLE AMBALA	Construction of Inlet at KM 11.956 on Left Bank of SYL Canal	S	60	60	0	0
2	MULLANA	SYL CIRCLE AMBALA	Constructing stone steining for the protection of abadi of village Kakkar Kunda from River Markanda	S	23.24	23.24	0	0
3	MULLANA	SYL CIRCLE AMBALA	Constructing stone steining for the protection of abadi and agriculture land of village Rolanheri from River Markanda	S	11.91	11.91	0	0
4	NARAINGARH	SYL CIRCLE AMBALA	Constructing stone stud for the protection of agriculture land of village Ambli from River markanda	S	42.91	42.91	0	0
5	NARAINGARH	SYL CIRCLE AMBALA	Constructing stone steining for the protection of Abadi of Durga Colony in Kala-Amb from river Markanda	S	28.24	28.24	0	0
6	NARAINGARH	SYL CIRCLE AMBALA	Constructing stone steining for the protection of agriculture land of village Pulewala from river Begna	S	20	20	0	0
7	NARAINGARH	SYL CIRCLE AMBALA	Constructing stone steining for the protection of abadi of village Ramabagh Colony in Kala-Amb from river Markanda	S	50	50	0	0
8	NARAINGARH	SYL CIRCLE AMBALA	Repair and replenishing old stone steining for the protection of abadi of village Kala-Amb from river Markanda	S	30	30	0	0
9	NARAINGARH	SYL CIRCLE AMBALA	Repair and replenishing old stone steining for the protection of abadi of village Jiriwala from Sakroon Nadi	S	18.21	18.21	0	0
10	NARAINGARH	SYL CIRCLE AMBALA	Constructing stone steining for the protection of Shamshanghat and agriculture land of village Nasrouli from Dhanana Chowe	S	18.11	18.11	0	0
11	NARAINGARH	SYL CIRCLE AMBALA	Constructing stone steining for the protection of Dera on Ganda Nallah	S	7.2	7.2	0	0
			Total		309.82	309.82	0	0
12	AMBALA CANTT.	SYL CIRCLE AMBALA	Purchase of land for cunnettee D/S of Mahesh Nagar drain in a length of 1000 feet from RD 2132 to 3132	M	75	75	0	0
13	AMBALA CANTT.	SYL CIRCLE AMBALA	Constructing RCC Open trough from RD 0 to 4000 of Mahesh Nagar drain	M	450	300	150	0
14	AMBALA CITY	SYL CIRCLE AMBALA	Constructing RCC open trough on Singhawala drain from RD 6650 to 5750	M	60	60	0	0
15	AMBALA CITY	SYL CIRCLE AMBALA	Construction of RCC Open Trough from RD 19500 to 22500 on Ambala Drain, with extension RD 2300 to 1300.	M	560	280	280	0
			Total		1145	715	430	0
16	AMBALA CITY	SYL CIRCLE AMBALA	Restoration of design section/pitching in village abadi area and remodelling of 8 no. bridges of Ganda Nallah for the protection of village abadi and agriculture land of villages Kanwla, Jalbera, Lakhnour Sahib, Bara, Adhomajra, Ugara, Sakroan, Naggal and Segti etc.	L	400	200	200	0
17	MULLANA	SYL CIRCLE AMBALA	Constructing Tejan Drain from RD 0-8250 outfalling in Ganda Nallah at RD 17150 (CM Announcement No. 22934 dated 15.08.2018)	L	273.44	50	150	73.44
			Total		673.44	250	350	73.44
			District Total (S+M+L)		2128.26	1274.82	780	73.44
			Dist:- FATEHABAD					
18	RATIA	BWS CIRCLE FATEHABAD	Agenda Note for remodelling / re-construction of bridge at RD 5640 Barreta Drain on Pucca road from village Nangal to Nangal Dhani Tehsil Ratia District Fatehabad	M	71.79	71.79	0	0
19	TOHANA	BWS CIRCLE FATEHABAD	Agenda note for constructing pipeline drains for dewatering of floodwater of village Shakkerpura falling into Rangoi Nallah at RD 7.25 Km Right side	M	31.32	31.32	0	0
20	TOHANA	BWS CIRCLE FATEHABAD	Agenda note for constructing pipeline drains for de-watering of floodwater of village Talwara outfalling into River Ghaggar U/S Bridge at Jakhal - Kullian Road	M	25.62	25.62	0	0
			Total		128.73	128.73	0	0
			District Total (S+M+L)		128.73	128.73	0	0
			Dist:- HISAR					
21	HANSI	BWS CIRCLE HISAR	Bring to design section of HMPC Drain (RD 0 to 38320)	S	45	45	0	0
22	HANSI	BWS CIRCLE HISAR	Procuring one No. Poclairne 230 Excavator.	S	60	60	0	0
23	HANSI	BWS CIRCLE HISAR	Procurement of HDPE 200 mm dia pipe.	S	74.75	74.75	0	0
24	NARNAUND	BWS CIRCLE HISAR	Bring to design section of BMPC Drain (RD 0 to 155580)...	S	137	137	0	0
25	NARNAUND	BWS CIRCLE HISAR	Bring to design section of Puthi Mundhal Link Drain (RD 0 to 60000).	S	32	32	0	0
26	NARNAUND	BWS CIRCLE HISAR	Rehabilitation of Narnaund Drain (RD 0 to 19689).	S	121	121	0	0
			Total		469.75	469.75	0	0
27	ADAMPUR	BWS CIRCLE HISAR	Providing protection and restoration of capacity of Hisar Ghggar Multipurpose channel (Drain) from RD 205230 to 269650 (Supplementary Scheme).	M	80.25	40.25	40.00	0
			Total		80.25	40.25	40	0
			District Total (S+M+L)		550.00	510.00	40.00	0.00
			Dist:- KAITHAL					
28	GUHLA	BWS CIRCLE KAITHAL	Scheme for constructing inlet at RD 100700 of Ghaggar Bund to drain out the flood water of village namely Channa Jattan, Seon Majra, Duserpur and Bhatian.	S	36.02	36.02	0	0
29	KAITHAL	BWS CIRCLE KAITHAL	Scheme for replacement of pipe type bridge into slab type bridge at RD 1936 of Old Manas Link Drain leading from village Qutabpur to Bhanpura.	S	4.76	4.76	0	0
30	KAITHAL	BWS CIRCLE KAITHAL	Scheme for re-construction of bridge at RD 15750 on Mago Majri Link Drain leading from village Sirta to Kaithal.	S	9.25	9.25	0	0
			Total		50.03	50.03	0	0
31	KALAYAT	BWS CIRCLE KAITHAL	Scheme for laying RCC NP3 pipe line along Batta Mr. from RD 33800 to 37500 to drain out the flood water of village Kharak Pandwa into Pundri Drain No. II at RD. 24410-L	M	84.19	84.19	0	0
			Total		84.19	84.19	0	0
			District Total (S+M+L)		134.22	134.22	0	0
			Dist:- KURUKSHETRA					

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(Rs. in lacs)

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						2019-20	2020-21	2021-22
32	PEHOWA	SYL CIRCLE AMBALA	Scheme for procurement of PVC pipeline for flood in District Kurukshetra	S	10	10	0	0
33	PEHOWA	SYL CIRCLE AMBALA	Scheme for re-construction of V.R. Bridge at RD 13022 Sandholi Drain on Pehowa to Dera Fateh Singh Road	S	50.6	50.6	0	0
34	PEHOWA	SYL CIRCLE AMBALA	Scheme for reconstruction of V.R. Bridge at RD 15300 Sandholi Drain on Pehowa to Pooja Colony Road	S	43.17	43.17	0	0
35	THANESAR	SYL CIRCLE AMBALA	Replacement of one No. Eicher Truck Tempo Model 1110 XP	S	18.77	18.77	0	0
36	THANESAR	SYL CIRCLE AMBALA	Replacement of one No. Diesel Welding Set 550 A (Moveable)	S	1.92	1.92	0	0
37	THANESAR	SYL CIRCLE AMBALA	Construction of sumpwell at RD 87000 of Sirsa Branch upstream at Budhera Complex.	S	5	5	0	0
			Total		129.46	129.46	0	0
38	PEHOWA	SYL CIRCLE AMBALA	Scheme for remodeling of Sandholi Drain from RD 12000 to RD 18000 to safeguard the abadi as well as agricultural area of village Sandholi, Sandhola, Asmanpur, Pehowa etc.	M	125	125	0	0
			Total		125	125	0	0
39	PEHOWA	SYL CIRCLE AMBALA	Scheme for extension of Ismailabad Link Drain (Katcha Drain with land acquisition) from RD 17230 to RD 27230 parallel to Thaska Distributary from RD 36000 to RD 26000.	L	523.37	300	223.37	0
			Total		523.37	300	223.37	0
			District Total (S+M+L)		777.83	554.46	223.37	0
Dist:- PANCHKULA								
40	KALKA	SYL CIRCLE AMBALA	Scheme for constructing 512 feet double tier steining for the protection of Government school of village Mandalaya from River Begna after flood 2018	S	25.62	25.62	0	0
41	KALKA	SYL CIRCLE AMBALA	Scheme for constructing 536 feet three tier steining for the protection of village abadi of village Mirpur from Mirpur Wali Nadi tributary of River Tangri after flood 2018	S	60.88	60.88	0	0
42	KALKA	SYL CIRCLE AMBALA	Scheme for constructing 4 No. bed bars and repair of damaged Ishar Nagar Drain to protect abadi and road of village Ishar Nagar and Himshikha from Ishar Nagar Drain and Kaushalya River after flood 2018	S	60.47	60.47	0	0
43	KALKA	SYL CIRCLE AMBALA	Scheme for constructing 464 feet (296 plus 168) double tier steining for the protection of village abadi of village Paploha from River Baadgodam, tributary of River Sarsa after flood 2018	S	23.3	23.3	0	0
44	KALKA	SYL CIRCLE AMBALA	Scheme for constructing 576 feet (328 plus 248) three tier steining for the protection of abadi of village Rampur Seori from River Jhajira after flood 2018	S	51.83	51.83	0	0
45	KALKA	SYL CIRCLE AMBALA	Double tier steining for the protection of village of village Jholuwal from Sirsa River after flood 2018 (Supplementary Scheme).	S	17.00	17.00	0	0
46	KALKA	SYL CIRCLE AMBALA	Three tier steining for the protection of village abadi of village Madhanwala from River Madhanwali after flood 2018 (Supplementary Scheme).	S	23.00	23.00	0	0
47	PANCHKULA	SYL CIRCLE AMBALA	Scheme for constructing 448 feet double tier steining for the protection of abadi area of village Manakyan from River Manakyan wali nadi tributary of river Ghaggar after flood 2018	S	20.00	20.00	0	0
48	PANCHKULA	SYL CIRCLE AMBALA	Scheme for constructing 232 feet three tier steining for the protection of village Shamshan Ghat and Bataur Bundh of village Bataur from River Tangri after flood 2018	S	20.92	20.92	0	0
49	PANCHKULA	SYL CIRCLE AMBALA	Scheme for constructing 568 feet three tier steining for the protection of Rehod Bundh and agriculture land of village Rehod from River Tangri after flood 2018	S	45.00	45.00	0	0
50	PANCHKULA	SYL CIRCLE AMBALA	Scheme for constructing 448 feet three tier steining for the protection of village abadi of village Natwal from River Tangri after flood 2018	S	40.32	40.32	0	0
51	PANCHKULA	SYL CIRCLE AMBALA	Scheme for constructing 248 feet double tier steining for the protection of village abadi of village Nada from Nada Choe, tributary of River Ghaggar after flood 2018	S	12.47	12.47	0	0
			Total		400.81	400.81	0	0
52	PANCHKULA	SYL CIRCLE AMBALA	Scheme for construction of Causeway and steining in village Asrewali at Asrewali Nadi, tributary of River Ghaggar in Panchkula District	M	122.11	122.11	0	0
			Total		122.11	122.11	0	0
			District Total (S+M+L)		522.92	522.92	0	0
Dist:- SIRSA								
53	ELLENABAD	BWS CIRCLE SIRSA	Internal Clearance of Hisar Ghaggar Multipurpose Drain from RD. 0-141000	S	56.68	56.68	0	0
54	ELLENABAD	BWS CIRCLE SIRSA	Bringing to design section and unloading of banks of Hisar-Ghaggar multipurpose Drain from RD. 111000-127000	S	38.03	38.03	0	0
55	KALANWALI	BWS CIRCLE SIRSA	INTERNAL CLEARANCE OF RORI GHAGGAR DRAIN IN REACH RD 100000 TO 130750-TAIL and ITS SUBSIDIARY DRAINS	S	14.83	14.83	0	0
			Total		109.54	109.54	0	0
			District Total (S+M+L)		109.54	109.54	0	0
			Unit Total		4351.50	3234.69	1043.37	73.44
CONSTRUCTION								
Dist:- KAITHAL								
56	KAITHAL	SARASWATI HERITAGE CIRCLE KURUKSHETRA	Scheme for remodeling of flood inlets and repair of adjoining lining at RD 197400/L and RD233500/L of Bhakhra Main Line-Hansi Branch- Butana Branch- Multi Purpose Link channel	S	48.48	48.48	0	0
			Total		48.48	48.48	0	0
			District Total (S+M+L)		48.48	48.48	0	0
Dist:- KARNAL								
57	NILOKHERI	SARASWATI HERITAGE CIRCLE KURUKSHETRA	Construction of sumpwell and pumphouse at tail R.D116400 of Rakshinadi out falling into Sirsa branch.	S	35	35	0	0
			Total		35	35	0	0
			District Total (S+M+L)		35	35	0	0
Dist:- KURUKSHETRA								

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						2019-20	2020-21	2021-22
58	PEHOWA	SARASWATI HERITAGE CIRCLE KURUKSHETRA	Construction of inlet at RD 116200 of Saraswati Drain for protection of abadi of villages: Bilochpura, Dhanipura, Urnai, Sainsa and Saraswati Khara etc.	S	21.29	21.29	0	0
			Total		21.29	21.29	0	0
			District Total (S+M+L)		21.29	21.29	0	0
Dist:- ROHTAK								
59	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for reconstruction of V.R. Bridge at RD 68000 Drain No. 8	M	174.63	100	74.63	0
60	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for reconstruction of V.R. Bridge at RD 94500 Drain No. 8	M	174.63	100	74.63	0
			Total		349.26	200	149.26	0
			District Total (S+M+L)		349.26	200	149.26	0
			Unit Total		454.03	304.77	149.26	0
LCU								
Dist:- BHIWANI								
61	KALANAUR	LWS CIRCLE BHIWANI	agenda note for laying underground pipeline in Gudhan link drain from RD 0 TO 9900 outfall at RD 129000-L OF Bond Disty.	M	277	138.5	138.5	0
			Total		277	138.5	138.5	0
			District Total (S+M+L)		277	138.5	138.5	0
Dist:- Charkhi Dadri								
62	DADRI	LWS CIRCLE BHIWANI	Increasing Capacity of Bond Drain and Brick Pitching on one sides from RD 12000 to 20435 Bond Drain outfall at RD 6000-R of Bond Disty.	S	250	250	0	0
63	DADRI	LWS CIRCLE BHIWANI	Laying Underground Pipe Line in Jai Shree Link Drain from RD 0 to 8200 outfall at RD 12700-L of Jai Shree Drain.	S	231	231	0	0
64	DADRI	LWS CIRCLE BHIWANI	Increasing Capacity of Nimri Malkosh Link Drain from RD 0 to 12244 outfall at RD 2350-R of Bond Drain.	S	137	137	0	0
65	DADRI	LWS CIRCLE BHIWANI	Procurement of New Earth moving machine for Internal clearance of drain and bank strengthening of Canal and drains in LWS circle Bhiwani specially for District Ch. Dadri	S	25.6	25.6	0	0
66	DADRI	LWS CIRCLE BHIWANI	Agenda Note for purchase of EP and DP sets for flood Dewatering.	S	147	147	0	0
67	DADRI	LWS CIRCLE BHIWANI	Agenda Note for Purchase of Vechicle for flood Dewatering work.	S	17.85	17.85	0	0
68	DADRI	LWS CIRCLE BHIWANI	Agenda Note for Purchase of 10 Cs. V.T. Pumps for flood Dewatering.	S	115	115	0	0
69	DADRI	LWS CIRCLE BHIWANI	Procurement of 4 No. 10 cs. Vertical pumps alongwith motors of 50 HP, starters and 20 No. EP sets of 3 cs. Capacity (Ex-Post Facto approval)	S	72.5	72.5	0	0
			Total		995.95	995.95	0	0
			District Total (S+M+L)		995.95	995.95	0	0
Dist:- JHAJJAR								
70	BERI	JWS CIRCLE JHAJJAR	Agenda note for Proposed pipe line to dewater pond of village Dujana from RD 0 to 2200 outfalling into Beri Dujana Dhaur link drain at RD 38025	S	9.31	9.31	0	0
71	BERI	JWS CIRCLE JHAJJAR	Agenda note for Dewatering of flood water by reversible bore-wells of village Dighal.	S	8.74	8.74	0	0
72	JHAJJAR	JWS CIRCLE JHAJJAR	Agenda note for Constructing RCC Pipe culvert at RD 290550-R of Ditch Drain R/side of JLN Feeder	S	15	15	0	0
73	JHAJJAR	JWS CIRCLE JHAJJAR	Agenda note for providing Geo Membrane to control sloughing in Matanhail Pump House link drain along with slope of ramp of VR Bridge RD 297000-R of JLN feeder.	S	20.14	20.14	0	0
74	JHAJJAR	JWS CIRCLE JHAJJAR	Agenda note for dewatering of flood water by reversible bore wells in village Kondrawali (on sample basis).	S	8.74	8.74	0	0
75	JHAJJAR	JWS CIRCLE JHAJJAR	Procurement of HDPE pipeline 200 mm dia and 160 mm dia in W.S Mech. Divn. Jhajhar (Ex-Post Facto approval).	S	32.00	32.00	0	0
			Total		93.93	93.93	0	0
76	BADLI	JWS CIRCLE JHAJJAR	Agenda note for constructing Dhakia Link Drain through (underground RCC Pipe Line) from RD 0 to 10000 outfalling into SLC at RD 20910-L (By lift)	M	169.17	100	69.17	0
77	BADLI	JWS CIRCLE JHAJJAR	Agenda note for constructing R/Bank of outfall Drain No. 8 (critical reaches) in Km. 2.258 to 6.800, Km. 11.00 to 18.500 and Km. 19.500 to 25.00	M	224.26	124.26	100	0
78	BADLI	JWS CIRCLE JHAJJAR	Agenda note for constructing of Khudan Drain from RD 0 to 4000 outfalling at RD 17000-R Zahidpur Minor (By lift)	M	60.97	40.97	20	0
79	BERI	JWS CIRCLE JHAJJAR	Agenda note for constructing Majra-Siwana-Dubaldhan Link Drain through (underground RCC Pipe Line) from RD 0 to 15000 outfalling into Loharu Feeder at RD 32935-R With interlinking of Village Ponds.	M	291.36	191.36	100	0
80	BERI	JWS CIRCLE JHAJJAR	Agenda note for constructing Dubaldhan Link Drain (Through underground RCC Pipe Line) from RD 0 to 5000 outfalling into Loharu Feeder at RD 19648-L.	M	27.35	27.35	0	0
81	BERI	JWS CIRCLE JHAJJAR	Agenda note for constructing Beri-Bishan Pipe Link Drain from RD 0 to 9500 outfalling into Drain No. 8 at RD 210000-L	M	150.3	100.3	50	0
82	JHAJJAR	JWS CIRCLE JHAJJAR	Agenda for repair and rehabilitation of existing Pumps, Motors, Control Panels and allied accessories and Transformer at Rewari Road Pump House in W.S. Mech. Division, Jhajjar for the year 2018-19.	M	35	17.5	17.5	0
			Total		958.41	601.74	356.67	0
			District Total (S+M+L)		1052.34	695.67	356.67	0
Dist:- ROHTAK								
83	KALANAUR	YWS CIRCLE ROHTAK	Laying underground PVC pipeline at village pond Kateshra to Pilana Minor RD 10700-R (Supplementary Scheme)	S	38	38	0	0
84	KALANAUR	YWS CIRCLE ROHTAK	Procurement of PVC pipeline of 8 inch dia to drain out flood water from the fields of village Gudhan and Katesra (Ex-Post Facto approval).	S	29.6	29.6	0	0
			Total		67.6	67.6	0	0
85	GOHANA	YWS CIRCLE ROHTAK	Agenda Note for Restoring the bank of Tributary Drain No.4 from RD 51500 to 53000 around village Kasanda and RD 53600 to 54200 and 57000 to 57500 along Village Kasandi.(CM Announcement Code 23605 dated 17.09.2018 and 23940 dated 12.10.2018)	M	18.94	18.94	0	0

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						2019-20	2020-21	2021-22
86	GOHANA	YWS CIRCLE ROHTAK	Agenda Note for Purchase and supply of special T and P Machine i.e. 1 No. JCB JS205LR with Excavator (Pocklain) for use in Gohana WS division, Gohana.	M	73.29	73.29	0	0
87	MEHAM	YWS CIRCLE ROHTAK	Agenda Note for Improving Capacity by widening of Civil structure (Pump House) at RD-100 Left Meham Drain Pump House Village Bharan in WS Mech Division, Rohtak	M	64.64	64.64	0	0
88	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for Purchasing 1 No. Excavator Loader and 1 No. Mahindra maxi Truck for Rohtak WS Dvn Rohtak.	M	64	64	0	0
89	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for Replacement of V.R. Bridge at RD 31200 of Jassia Drain.	M	19	19	0	0
90	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for Renovation of VR Bridge at RD 112300 at Lakhna Majra Link Drain.	M	40	40	0	0
91	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for Procurement of New Electric Pannels for Flood Protection Works in WS Mech Division, Rohtak	M	76	76	0	0
92	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for Procurement of New Electric Pump Sets for Flood Protection Works in WS Mech Division, Rohtak	M	50	50	0	0
93	ROHTAK	YWS CIRCLE ROHTAK	Agenda note for providing and laying interlocking tiles from RD 105260 to 107200 BSB and from RD 107200 BSB to Meham Drain Pump House RD 73000-Left Side on service road.	M	32.14	32.14	0	0
			Total		438.01	438.01	0	0
94	GARHI SAMPLA - KALOI	YWS CIRCLE ROHTAK	Agenda Note for Re-placement of Pipe Culvert into VR Bridge at RD 35000 of Rohtak Link Drain.	L	27.23	27.23	0	0
95	GARHI SAMPLA - KALOI	YWS CIRCLE ROHTAK	Agenda Note for Construction of RCC Truff of Baland Pump House Link Drain from RD 0 to 3500.	L	164.1	60	104.1	0
96	ROHTAK	YWS CIRCLE ROHTAK	Agenda Note for Construction of One Side Vertical wall on Left Side from RD 99400 to 102900 and laying interlocking tiles for service road from RD 99400 to 100760 Meham Drain (up to Pump House)	L	272	100	172	0
97	KALANAUR	YWS CIRCLE ROHTAK	Constructing Sundana pipeline pump house link drain from RD 0 to 5950 and Bhutian Minor tail to Drain No. 8 pipe link drain from RD 0 to 7250 outfall at RD 202000-L Drain No. 8 (Supplementary Scheme).	L	376.23	76.23	150	150
			Total		839.56	263.46	426.1	150
			District Total (S+M+L)		1345.17	769.07	426.1	150
Dist:- SONIPAT								
98	GOHANA	YWS CIRCLE ROHTAK	Agenda Note for Construction of 07 Nos. Civil Structures (Sump Wells) for Flood Protection Works at Various Flood Sites in WS Mech. Division, Rohtak.	M	49	49	0	0
			Total		49	49	0	0
99	GOHANA	YWS CIRCLE ROHTAK	Agenda Note for procurement of New Pump for Flood Protection works at Various Flood sites in WS Mech. Division, Rohtak.	L	283	143	140	0
			Total		283	143	140	0
			District Total (S+M+L)		332	192	140	0
			Unit Total		4002.46	2791.19	1061.27	150
<u>PROJECT, ENVIRONMENT AND MATERIAL</u>								
Dist:- KARNAL								
100	KARNAL	WORKSHOP CIRCLE KARNAL	Purchase of 40 number electric pumping sets of 5 cs. capacity for distt. Karnal and Jind as inventory for utilization in emergency dewatering.	M	171	85	85	0
101	KARNAL	WORKSHOP CIRCLE KARNAL	Procurement of tempo excel pick up and truck tata 407 in replacement of condemned vehicles.	M	25.5	15.5	10	0
102	KARNAL	WORKSHOP CIRCLE KARNAL	Replacement/Renovation of pumping sets with allied accessories in district JIND .	M	78.27	50	28.27	0
			Total		274.77	150.5	123.27	0
			District Total (S+M+L)		274.77	150.5	123.27	0
			Unit Total		274.77	150.5	123.27	0
<u>YWS(N)</u>								
Dist:- BHIWANI								
103	BHIWANI	YWS CIRCLE BHIWANI	Agenda for Providing sump well, gates and gearing on Bhiwani Ghaggar drain from RD. 28345-165600 out-falling at RD 384000-L Hisar Ghaggar Drain	M	331.66	200	131.66	0
104	BHIWANI	YWS CIRCLE BHIWANI	AGENDA FOR PURCHASE OF NEW MACHINERY FOR FLOOD PROTECTION WORKS DURING 2019-20, 1 No. AXIAL FLOW VT PUMP 20 CS WITH MOTOR AND DELIVERY PIPE WITH STARTER PANEL, 7 NO S. AXIAL FLOW VT PUMP 10 CS WITH MOTOR AND DELIVERY PIPE WITH STARTER PANEL, 7 NO. AXIAL FLOW VT PUMP 5 CS WITH MOTOR AND DELIVERY PIPE WITH STARTER PANEL AND 6 NO. DIESEL PUMPING SETS WITH ENGINE 10 HP AND PUMP OF SIZE 4' X4'.	M	150	150	0	0
			Total		481.66	350	131.66	0
105	BAWANI KHERA	YWS CIRCLE BHIWANI	Agenda for Dewatering fields of village Badesra by constructing Badesra Drain no. 1 from RD 0 to 4500 and providing sumpwell for lifting of flood water	L	182.7	100	82.7	0
			Total		182.7	100	82.7	0
			District Total (S+M+L)		664.36	450	214.36	0
Dist:- KARNAL								
106	GHARAUNDA	YWS CIRCLE KARNAL	Agenda for the work of providing protection to Jammukhala Complex by constructing 465' stone revetment, 1 No. new stone stud and repairing of 4 No. stone studs on river Yamuna after flood 2018	S	210	210	0	0
107	GHARAUNDA	YWS CIRCLE KARNAL	Agenda for the work of providing protection to Mustfabad Complex by constructing 726' stone revetment and repairing of 6 No. stone stud on river Yamuna after flood 2018	S	350	350	0	0
108	INDRI	YWS CIRCLE KARNAL	Agenda for the work of providing protection to Kalsora Complex by repairing 8 No. old damaged stone stud and constructing 610' stone revetment on river Yamuna after flood 2018	S	162	162	0	0
109	INDRI	YWS CIRCLE KARNAL	Agenda for the work of providing protection to Nabiabad Complex by repairing 3 No. damaged stone studs on river Yamuna after flood 2018	S	27	27	0	0

Districtwise Details of New Proposed Flood schemes approved in 50th meeting of HSDR&FCB

(Rs. in lacs)

Sr. No	Name of Constituency	Name of Irrigation Circle	Name of Work	Short Medium, Long Term.(S/M/L)	Est. Cost	Requirments of funds		
						2019-20	2020-21	2021-22
110	NILOKHERI	YWS CIRCLE KARNAL	Agenda for restoring left bank of Sambhli Link Drain from RD 0 to RD 6560	S	36	36	0	0
			Total		785	785	0	0
111	NILOKHERI	YWS CIRCLE KARNAL	Replacement Of Existing Pipe Culverts At RD 33530 and RD 45050 Of Balu Link Drain	M	60	60	0	0
			Total		60	60	0	0
			District Total (S+M+L)		845	845	0	0
Dist:- PANIPAT								
112	SAMALKHA	YWS CIRCLE KARNAL	Providing protection to Tamsabad complex by repairing 2 No. stone studs and construction of 486' long revetment.	S	65	65	0	0
113	SAMALKHA	YWS CIRCLE KARNAL	Providing protection to Mirzapur complex by repairing 3 No. stone studs and repair of Revetment	S	70	70	0	0
114	SAMALKHA	YWS CIRCLE KARNAL	Providing protection to Nanhera Complex by repairing 3 No. old stone studs	S	50	50	0	0
			Total		185	185	0	0
115	ISRANA	YWS CIRCLE KARNAL	Replacement/construction of syphon at RD 4670 of Shera Link crossing Madlauda Minor and replacement of bridge at RD 2750 on Shera Link Drain	M	60	60	0	0
116	ISRANA	YWS CIRCLE KARNAL	Separation of village pond from flood and waste water flowing in Idyana Link Drain and protection to village abadi in village Idyana	M	75	75	0	0
117	ISRANA	YWS CIRCLE KARNAL	Separation of village pond from flood and waste chemical water flowing in Try. Drain No. 4 and protection to village abadi in village Chamrara	M	125	125	0	0
118	ISRANA	YWS CIRCLE KARNAL	Separation of village pond from flood and waste chemical water flowing in Try. Drain No. 1 and protection to village abadi in village Bhandari	M	125	125	0	0
119	PANIPAT CITY	YWS CIRCLE KARNAL	Bringing to design section and strengthening of banks of Main Drain No. 2, Munak escape drain and old Munak drain for safe passage of design discharge.	M	80	80	0	0
120	SAMALKHA	YWS CIRCLE KARNAL	Providing protection to River Yamuna embankment in reach RD 18910 to 27410 in Pathargarh Complex by providing lining	M	250	250	0	0
			Total		715	715	0	0
			District Total (S+M+L)		900	900	0	0
Dist:- YAMUNANAGAR								
121	JAGADHRI	HKB CIRCLE JAGADHRI	Agenda for constructing 1500 ft. bund with stone pitching for the protection of Village Shazadwala From Chikken Khol (River Pathrala).	S	44.55	44.55	0	0
122	JAGADHRI	HKB CIRCLE JAGADHRI	Agenda for construction of stone steining between studs and renovation of 02 nos. old stone studs for the protection of Village Mali Majra From River Yamuna.	S	77.43	77.43	0	0
123	JAGADHRI	HKB CIRCLE JAGADHRI	Agenda for construction of stone steining between studs and renovation of 02 nos. old stone studs for the protection of Village Nawazpur From River Yamuna.	S	85.43	85.43	0	0
124	JAGADHRI	HKB CIRCLE JAGADHRI	Agenda for Renovation 3000' old Bund with stone pitching for the protection of Village Mukaravpur From Plasi Khol (River Pathrala).	S	77.1	77.1	0	0
125	JAGADHRI	HKB CIRCLE JAGADHRI	Agenda for Constructing 400 ft. Stone Steining and 01 No. new stone stud for the protection of Village Mamdubass from River Yamuna.	S	30.4	30.4	0	0
126	JAGADHRI	HKB CIRCLE JAGADHRI	Agenda for Renovation of 300' old Stone Steining along with construction of 250' stone steining for the protection of Village Baniyawala From Chikken Khol (River Pathrala).	S	9.72	9.72	0	0
127	JAGADHRI	HKB CIRCLE JAGADHRI	Construction for 03 no. studs for the protection of village Kalesar from River Yamuna.	S	59.02	59.02	0	0
128	JAGADHRI	HKB CIRCLE JAGADHRI	Construction of 250 feet steining and 02 no. stone studs for the protection of village Baburam Bass from River Yamuna.	S	50	50	0	0
129	RADAUR	HKB CIRCLE JAGADHRI	Agenda for Construction of 1730 ft. Stone steining for the protection of village Kamalpur from river Yamuna. (Scope increased with approval from Board).	S	108.47	108.47	0	0
130	RADAUR	HKB CIRCLE JAGADHRI	Agenda for Construction of 02 Nos. stone studs and 230 ft. Stone steining for the protection of village Ramgarh/Bagwali from river Yamuna.	S	60.77	60.77	0	0
131	RADAUR	HKB CIRCLE JAGADHRI	Agenda for construction of 6 No. stone studs and 700 feet stone steining for protection of village Lal Chappar from river Yamuna. (Scope increased with approval from Board)	S	181	181	0	0
132	RADAUR	HKB CIRCLE JAGADHRI	Agenda for providing 140 mtr. stone steining between studs for the protection of village Abadi of Gumthala Rao from River Yamuna after floods 2018 in District : Yamuna Nagar.	S	48.87	48.87	0	0
133	RADAUR	HKB CIRCLE JAGADHRI	Agenda for providing 260 mtr. stone steining for the protection of village : Sandhala and Nagli from River Yamuna after floods 2018 in District : Yamuna Nagar.	S	89.67	89.67	0	0
134	RADAUR	HKB CIRCLE JAGADHRI	Agenda for providing 400 Mtr. stone pitching for the protection of village Gadholi Khurd at RD 7525 Left side of Chautang Nallah.	S	30	30	0	0
135	SADHAURA	HKB CIRCLE JAGADHRI	Agenda for providing 03 Nos. Bed Bars for protection of village Rajpur Bund from river Pathrala.	S	19.91	19.91	0	0
136	SADHAURA	HKB CIRCLE JAGADHRI	Agenda for restoration of Rampur Jattan Bund on river Pathrala.	S	8.54	8.54	0	0
137	SADHAURA	HKB CIRCLE JAGADHRI	Agenda for providing 328 feet Stone steining for protection of village abadi of village Nagli from river Pathrala.	S	7.83	7.83	0	0
138	YAMUNA NAGAR	HKB CIRCLE JAGADHRI	Agenda for construction of 1855 ft. stone steining and 6 no. stone studs for the protection of village Odri from river Yamuna. (Scope increased with approval from Board)	S	195	195	0	0
139	YAMUNA NAGAR	HKB CIRCLE JAGADHRI	Agenda for construction of sump well at RD 39000 R/s MLL to Drain Out Flood Water from Agricultural land in Village Sugh, District Yamuna Nagar after flood 2018	S	9	9	0	0
			Total		1192.71	1192.71	0	0
			District Total (S+M+L)		1192.71	1192.71	0	0
			Unit Total		3602.07	3387.71	214.36	0
YWS(S)								
Dist:- SONIPAT								
140	SONEPAT	YWS CIRCLE SONIPAT	Providing protection at Tikola Complex by constructing 01 No. new stone stud and 1055 feet revetment on river Yamuna A/F 2018 (Supplementary Scheme)	S	98.45	98.45	0	0
141	GOHANA	YWS CIRCLE SONIPAT	To make pucca drain in village Bhatgaon Dongran from Purbia Dera to Bhatgaon Malyan i.e. providing brick lining on side slope of Bhatgaon Dongran link Drain from RD 3500 to 5000 (CM Announcement code No. 23606) (Supplementary Scheme).	S	16.00	16.00	0	0
			District Total (S+M+L)		114.45	114.45	0	0

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(Rs. in lacs)

Sr. No	Name of Constituency	Name of Irrigation Circle	Name of Work	Short Medium, Long Term,(S/M /L)	Est. Cost	Requirments of funds		
						2019-20	2020-21	2021-22
	Dist:- FARIDABAD							
142	PRITHLA	YWS CIRCLE FARIDABAD	460 ft. edge protection to protect village abadi and agriculture land of village Mohna R/C after flood 2018	S	51.92	51.92	0	0
143	TIGAON	YWS CIRCLE FARIDABAD	Repairing of 7 Nos. stone studs to protect village abadi and agricultural land of village Dadasia/Kidawali River Complex A.F. 2018.	S	104.46	104.46	0	0
144	TIGAON	YWS CIRCLE FARIDABAD	6 no. Stone Studs to protect village Abadi and it's agricultural land of village chandpur R/C A.F. 2018	S	185	185	0	0
			Total		341.38	341.38	0	0
145	BADKHAL	YWS CIRCLE FARIDABAD	Construction of CC open drain from RD 0 to 2000 and laying of RCC hume pipe from RD 2000 to 6000 of Badhkal escape channel for disposal of flood water and storm water of village Badhkal and Aakhir.	M	369.78	369.78	0	0
146	PRITHLA	YWS CIRCLE FARIDABAD	Reconstruction of £ no. bridges at RD 201500 , 191000 and 208500 of Gaunchi main drain.	M	344.54	344.54	0	0
			Total		714.32	714.32	0	0
			District Total (S+M+L)		1055.7	1055.7	0	0
	Dist:- MEWAT							
147	FIROZEPUR JHIRKA	YWS CIRCLE FARIDABAD	Flood agenda for replacement of V.R. Bridge at RD. 5700 of Ferozpur Jhirka Link Drain	S	34	34	0	0
			Total		34	34	0	0
148	NUH	YWS CIRCLE FARIDABAD	Flood agenda for Re-construction of V.R. Bridge at RD. 37150 of Nuh Drain	M	174.58	174.58	0	0
149	NUH	YWS CIRCLE FARIDABAD	Flood agenda for Re-construction of V.R. Bridge at RD. 58145 of Nuh Drain	M	171.36	171.36	0	0
150	PUNHANA	YWS CIRCLE FARIDABAD	Flood Agenda for Re-construction of D.R. Bridge on Ujina Drain at RD. 79266 for crossing from village Bhadas to Punhana	M	454.5	454.5	0	0
151	PUNHANA	YWS CIRCLE FARIDABAD	Agenda for re-construction of V.R. Bridge at Km 24.885 (from village Nai to Nunera) of Ujina Diversion Drain in Distt. Nuh	M	320.74	320.74	0	0
			Total		1121.18	1121.18	0	0
			District Total (S+M+L)		1155.18	1155.18	0	0
	Dist:- PALWAL							
152	PALWAL	YWS CIRCLE FARIDABAD	Scheme for construction of Stone pitching to protect village abadi and Sidh Baba Temple of village Kushak on right side of village Kushak on right side of River Yamuna after flood 2018	S	14.91	14.91	0	0
			Total		14.91	14.91	0	0
153	HODAL	YWS CIRCLE FARIDABAD	Agenda for replacement of 2 Nos. V.R. Bridge at RD. 10300 and RD. 12000 of Gaunchi Main Drain.	M	392.72	392.72	0	0
			Total		392.72	392.72	0	0
			District Total (S+M+L)		407.63	407.63	0	0
			Unit Total		2732.96	2732.96	0	0
			Grand Total		15417.79	12601.82	2591.53	223.44

* Note:- The approval of new flood schemes in District Jind (12 no. amounting to Rs. 1568.53 lac) shall be taken separately.