

**MINUTES OF THE NINTH MEETING OF NEPAL-INDIA JOINT COMMITTEE ON
INUNDATION AND FLOOD MANAGEMENT (JCIFM)**

(February 8-12, 2015)

The ninth meeting of Nepal-India Joint Committee on Inundation and Flood Management (JCIFM) was held from February 8-12, 2015. The Indian delegation was led by Mr. A. Paramesham, Member (Coordination), Ganga Flood Control Commission (GFCC), Government of India and the Nepalese delegation was led by Mr. Rama Nand Prasad Yadav, Director General of the Department of Water Induced Disaster Prevention (DWIDP), Government of Nepal. The Team Leader of the Nepalese delegation welcomed the Indian delegation at Hotel Sitasaran, Janakpur on February 8, 2015.

The meeting of the Committee at Kathmandu was preceded by joint field visit to the ongoing and proposed embankment and flood protection works along the Kamala, Bagmati and Lalbakeya rivers from February 9-10, 2015. The list of participants of the meeting is given at Annex-1A and Annex-1B.

A) FIELD VISIT OF ONGOING WORKS AND PROPOSED WORKS

A-I Kamala River

The Committee carried out field visit of the Kamala River on February 9, 2015. The Committee inspected the ongoing, emergent works carried out during the monsoon of 2014 and the proposed works on the river.

The Nepalese side requested that the gaps near Nepal India border in the embankment be connected. The Indian side informed that a DPR to tie the embankments in Nepal to the Indian side is under appraisal.

A-II Bagmati River

The Committee carried out the field visit of the Bagmati River on February 10, 2015. The Committee inspected the ongoing, emergent works carried out during the monsoon of 2014 and the proposed works on the river.

A-III Lalbakeya River

The Committee carried out the field visit of the Lalbakeya River on February 10, 2015. The Committee inspected the ongoing, emergent works carried out during the monsoon of 2014 and the proposed works on the river.



DECISIONS OF THE JOINT COMMITTEE ON INUNDATION & FLOOD MANAGEMENT (JCIFM)

B) ONGOING WORKS AND RELEASE OF FUNDS

B-I BAGMATI RIVER

Fifteen work packages were considered by JCIFM in its seventh meeting. An amount of NRs. 10.005 crore was released to GoN as first installment for these work packages. As the utilization certificates of these works have been submitted to GFCC, Patna, the balance 50% amounting to NRs. 10.005 crore is recommended for release.

A total of 6 packages of new works with 3 packages for tendering and 3 packages for execution by Users' Committees were considered as per the decision of the eighth meeting of JCIFM and subsequent correspondences. The summary of these packages is at Annex- 2A. GFCC has endorsed the tender as approved by GoN. The Committee ratified the same. The total GoI contribution for these packages, including contingencies, is NRs. 5.936 crore. The Committee recommended for release of initial instalment of 50% of GoI contribution amounting to NRs. 2.968 crore. The balance payment would be made on receipt of utilization certificates of 75% of funds released.

The Committee inspected emergent works carried out on Bagmati River during the floods of 2014. The utilization certificates for expenditure incurred on such works have been submitted to GFCC. The summary of these emergent works is at Annex- 3A. The Committee recommended for reimbursement of NRs. 2.898 crore spent on the emergent works and an amount of NRs. 0.147 crore towards contingencies that was not claimed earlier for emergent works carried out during the flood of 2013.

The Nepalese side stated that as per the decision of seventh meeting of JCIFM, the proposal for the protection works on Jhanj River was submitted to GFCC for approval. The Indian side stated that the proposal is under examination. The Committee decided that the tender may be floated for these works only after approval of GFCC.

B-II LALBAKEYA RIVER

Four work packages were considered by JCIFM in its sixth meeting. An amount of NRs. 2.720 crore was released to GoN as first installment for these work packages. As the utilization certificates of these works have been submitted to the GFCC, Patna, the balance 50% amounting to NRs. 2.720 crore is recommended for release.

Seven work packages were considered by JCIFM in its seventh meeting. An amount of NRs. 9.979 crore was released to GoN as first installment for these work packages. As the utilization certificates of these works have been submitted to GFCC, Patna, the balance 50% amounting to NRs. 9.979 crore is recommended for release.



A total of 11 packages of new works were considered for tendering as per the decision of the eighth meeting of JCIFM and subsequent correspondences. The summary of these packages is at Annex- 2B. GFCC has endorsed the tenders as approved by GoN. The Committee ratified the same. The total GoI contribution for these packages including contingency is NRs. 10.504 crore. The Committee recommended for release of 50% of this amount i.e. NRs 5.252 crore. The balance payment would be made on receipt of utilization certificates of 75% of funds released.

The Committee inspected the emergent works carried out on Lalbakeya River during the floods of 2014. The utilization certificates for expenditure incurred on such works have been submitted to GFCC. The summary of these emergent works is at Annex- 3B. The Committee recommended for reimbursement of NRs. 3.262 crore spent on the emergent works and NRs. 0.214 crore towards contingency that was not claimed earlier for emergent works carried out during the flood of 2013.

B-III KAMALA RIVER

Four work packages were endorsed by JCIFM in its seventh meeting and an amount of NRs. 2.647 crore was released to GoN as first instalment for these works. The utilization certificate of 75% of funds released earlier has been submitted to the GFCC. The Committee recommended release of balance payment of NRs. 2.647 crore.

Seven work packages were endorsed by JCIFM in its eighth meeting. An amount of NRs. 11.176 crore was released to GoN as first instalment for these work packages. The utilization certificates of 75% funds released have been submitted to the GFCC. The Committee recommended release of balance payment of NRs. 11.176 crore.

A total of 15 packages of new works including 4 packages of works by UCs (Users' Committees) and 11 packages were considered for tendering as per the decision of the eighth meeting of JCIFM and subsequent correspondences. The summary of these packages is at Annex- 2C. GFCC has endorsed the tenders as approved by GoN. The Committee ratified the same. The total GoI contribution for these packages including contingencies is NRs. 43.574 crore. The Committee recommended for release of 50% of this amount i.e. NRs. 21.787 crore. The balance payment would be made on receipt of utilization certificates of 75% of funds released.

The Committee inspected the emergent works of bamboo piling and porcupine carried out on Kamala River during the monsoon floods of 2014. The utilization certificates for expenditure incurred on such works have been submitted to the GFCC. The summary of these emergent works is at Annex- 3C. The Committee recommended for reimbursement of NRs. 4.197 crore spent on the emergent works.



B-IV New Works

The concerned Division offices of DWIDP have proposed 32 new work packages as per the revised DPRs of Bagmati, Lalbakeya and Kamala Rivers. These consist of 9 packages on river Bagmati, 7 packages on river Lalbakeya and 16 packages on river Kamala. The summary of these work packages for Bagmati, Lalbakeya and Kamala are given in Annex-4A, Annex-4B and Annex- 4C respectively. The JCIFM accorded "in principle" approval for the following work packages in view of their urgency:

S.No.	River	Package	Remarks
1	Bagmati	I-N/Bagmati/L-Stud/P-81/2014-15	Tender shall be floated immediately.
2	Bagmati	I-N/Bagmati/R-Porcupine UC19/2014-15,	Works shall be carried out through User's Committee before monsoon 2015.
3	Bagmati	I-N/Bagmati/R-Spur Repair UC20/2014-15	Works shall be carried out through User's Committee before monsoon 2015.
4	Bagmati	I-N/Bagmati/R-Porcupine UC22/2014-15	Works shall be carried out through User's Committee before monsoon 2015.
5	Lalbakeya	I-N/LBK-II/L-EMB+STD+GRV/P-86/2014-15	Tender shall be floated immediately.
6	Lalbakeya	I-N/LBK-II/R-STD/P-88/2014-15	Tender shall be floated immediately.
7	Lalbakeya	I-N/LBK-II/R-Porcupine UC23/2014-15	Works shall be carried out through User's Committee before monsoon 2015.
8	Lalbakeya	I-N/LBK-II/R-Porcupine UC24/2014-15	Works shall be carried out through User's Committee before monsoon 2015.
10	Kamala	I-N/Kamala/LB-94/2071-72	Tender shall be floated immediately.
11	Kamala	I-N/ Kamala/RB-95/2071-72	Tender shall be floated immediately.
12	Kamala	I-N/ Kamala/RB-96/2071-72	Tender shall be floated immediately.
13	Kamala	I-N/ Kamala/RB-97/2071-72	Tender shall be floated immediately.
14	Kamala	UC/Kamala/LB-2/071-72	Works shall be carried out through User's Committee before monsoon 2015.
15	Kamala	UC/Kamala/LB-3/071-72	Works shall be carried out through User's Committee before monsoon 2015.

S.No.	River	Package	Remarks
16	Kamala	UC/Kamala/LB-4/071-72	Works shall be carried out through User's committee before monsoon 2015
17	Kamala	UC/Kamala/LB-5/071-72	Works shall be carried out through User's committee before monsoon 2015
18	Kamala	UC/ Kamala/LB-6/071-72	Works shall be carried out through User's committee before monsoon 2015

The tenders in respect of above-specified packages shall be floated immediately and submitted to the GFCC for necessary vetting. The details of the remaining packages would also be submitted to the GFCC soon for its consideration. After vetting by the GFCC, tenders will be approved and 50% of the Gol contribution shall be released as an initial instalment. The balance 50% shall be released after receiving the utilization certificates of 75% amount of initial contribution of Gol.

B-V Detailed Project Report for Extension of Embankment along Khando River

With reference to the decision of eighth meeting of JCIFM (*in para B-V*), a joint report of survey naming "*India Nepal Joint Survey Report on Proper Drainages of Khando and Jeeta Rivers at Nepal-India Border near Kunauli (Estimated cost NRs. 14.36 crore/IRs. 8.98 crore)*" had been prepared and forwarded to the GFCC. After examining the report some observations had been made by the GFCC. Those observations have been checked and addressed in a joint survey by concerned contact officers and accordingly updated immediate plan has been prepared for providing proper drainage of flood water from Nepal to India at the border near Kunauli and the proposal is under technical appraisal at the GFCC.

The Nepalese side informed that preparation of DPR for long term works, addressing the comments from the GFCC received, is ongoing. Necessary survey works have been completed. The DPR will be provided to the GFCC before May 2015.

B-VI Detailed Project Report for Extension of Embankment along Bhutahi Balan River

The Nepalese side stated that revised DPR incorporating the comments and observations of GFCC has been submitted for further examination. The Indian side stated that the views of GFCC will be conveyed to the Nepalese side after examination as early as possible.




B-VII Detail Project Report for Extension of Embankment along Right Bank of West Rapti River

The Committee noted that two DPRs had been prepared for the West Rapti River. The first DPR is a comprehensive DPR covering the entire flood management works required on the river and the second is a part of the comprehensive DPR comprising of immediate measures required to be taken up in 5 Km stretch of the river, just upstream of Indo-Nepal border.

The Committee noted that comments of the GFCC on comprehensive DPR have been sent to DWIDP. The Nepalese side is to examine and reply.

The Committee also noted that during its seventh meeting, it was decided that the DPR for the immediate measures could be implemented and for funding of the works, the Nepalese side initiated the usual procedure to obtain financial assistance from the Government of India. The matter will be put up for consideration to JSTC.

B-VIII Recovery of Mobilization Advance given to Contractors for the Works of C & D Packages of Bagmati River Embankment

As discussed in the eighth meeting of JCIFM, the Nepalese side informed the Committee that they are taking necessary actions to recover the mobilization advance given to contractors for the works of earlier C & D packages of Bagmati River embankment. The issue is currently sub-judice. The Indian side expressed its concern and requested to expedite the matter.

C) FLOOD INUNDATION ISSUES

C-I Mahali Sagar

The Committee noted that the joint survey, as directed by JCIFM during its third meeting, could not be undertaken to fix the contour level of 92.76 m in order to assess the reservoir area both in Nepal and India at the pond level of 92.76 m. During the seventh meeting, the Committee had directed the Contact Officers to complete the work by April-end, 2014. However, this was not possible due to various reasons. The Committee decided that the said survey should be completed by the end of April, 2015 and the findings reported to the respective Team Leaders.



C-II Bairganiya Ring Bund

The Nepalese side informed the Committee that the construction of a sluice on the right bank of Lalbakeya river near Nepal-India border has been completed and construction of embankment on the right bank of Bhakuwa Nala is under progress. After completion of these two structures, a joint study report is to be prepared to evaluate the effect of these structures on inundation problem of Gaur Bazaar, as decided in third meeting of JCIFM.

C-III Rato River

The Committee observed that left embankment on Nepal side has been connected with the partially constructed left embankment on Indian side. There is a need for construction of embankments on both the banks along the River Rato in Indian portion and tying it up with the embankment in the Nepal side. In view of the above facts, the Committee decided to resume the construction of embankment along River Rato on Indian side.

C-IV Lakhandehi River

As per the decision made by seventh meeting of JCWR, Nepalese side submitted the DPR to the GFCC on which GFCC's observations have been conveyed to the Nepalese side. The committee directed the Nepalese side to re-submit the DPR by May, 2015 in view of the observations made by the GFCC.

C-V Embankment on Mechi River

The Committee noted that the concerned Contact Officers have completed the joint survey of Mechi River on both banks and finalized the proposed alignment of embankment of 52 Km, as per the 8th meeting of JCIFM directives. The Committee directed the concerned contact officers to prepare the DPR within four months and submit to the GFCC for further necessary action.

D) FLOOD FORECASTING ISSUE

D-I Flood Forecasting Master Plan

Last meeting of JCIFM suggested to review the Task Force Report by the experts of GoN within three months. After deliberation it was decided that the views of DHM, GoN on the report would be sent at the earliest. The Indian side requested that the observations may be furnished in advance of monsoon 2015 so that the system is in place during the next monsoon. In the meantime DHM, GoN may continue to provide



water level and rainfall data on near real time basis to CWC during the monsoon season between 1st June to 31st October every year, as usual.

In the eighth meeting of JCIFM, Indian side suggested its nodal officers for various sub-basins. After deliberation it was decided to have the following three groups consisting of officers of Nepal and India for periodical pre-monsoon inspection of hydrological and rainfall stations as mentioned in Flood Forecasting Master Plan (list of sites is attached as Annex-6).

Group	River Basins	CWC Officers from Indian side
I	Mahakali / Sharda, Karnali / Ghagra, Rapti	Executive Engineer, MGD-I, Lucknow Sub-Divisional Engineer, Gonda/Gorakhpur
II	Bagmati, Kamala, Narayani / Gandak, Burhi Gandak	Executive Engineer, MGD-IV, Patna Sub-Divisional Engineer, Muzaffarpur/ Darbhanga
III	Kosi, Kankai / Mahananda,	Executive Engineer, MGD-IV, Patna Sub-divisional Engineer, Begusarai/Purnea

The Nepalese side informed that the names/designations of officers for above mentioned three different groups from Nepal side will be communicated shortly. The groups will be tasked to monitor the preparedness of hydro-meteorological stations in Nepal before onset of monsoon.

E) COMPREHENSIVE STRATEGY FOR FLOOD MANAGEMENT

The Indian side informed the Nepalese side that they have not received the map showing all the 16 priority rivers flowing from Nepal to India, along with details on the related flood problems in the Nepalese territory. The Nepalese side stated that the details will be submitted to the GFCC for consideration by the end of May 2015.

F) MECHANISM FOR PROPER CO-ORDINATION AT THE FIELD LEVEL

The Committee decided that the Contact Officers identified during its seventh meeting shall continue to act. The contact officers from both the sides for Mahakali River at Darchula have been identified and given at Annex-5.




G) ANY OTHER ITEMS

G-I Inundation issue due to ongoing construction of roads and other structures along India-Nepal Border

JCIFM noted the discussion on this agenda item that transpired in the 11th meeting of Nepal India Joint Working Group on Border Management, held on February 10-11, 2015. The relevant portion of the Agreed Minutes is reproduced as below:

"While discussing the additional agenda points on inundation due to the construction of roads in the Indian side along the border, the Nepalese side stated that they have reports and information indicating significant injury or harm to the environment in the territory of Nepal due to the construction works, including roads, barrages, affluxes and embankments, carried out by the Indian side along the Nepal-India border. They raised a serious concern over imminent injury and harm to the environment from these construction works which include inundation, destruction of flora and fauna, displacements of human settlements and wetlands destruction. They requested the Indian side to consider postponing the works till a jointly worked out solution to the issue is found. The Indian side requested to share the reports mentioned by the Nepalese authorities and assured to put up to the concerned authorities for examination."

G-II The Nepalese side informed that as per the decision of the third meeting of the Nepal India Joint Commission held in July 2014, DPRs of Dodha and Mohana river training works would be submitted to the GFCC. The Committee decided that this matter could be discussed first in the next meeting of JSTC for further action.

It was decided to hold the next meeting of JCIFM in Nepal during November 2015.

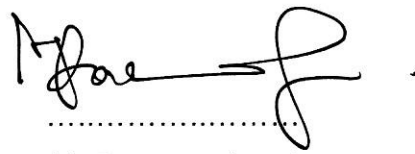
The meeting was held in a cordial and friendly atmosphere.

Signed on February 12, 2015 at Kathmandu.



(Rama Nand Prasad Yadav)

Team Leader/ Director General
Dept. of Water Induced Disaster Prevention
(DWIDP), Kathmandu



(A. Paramesham)

Team Leader/Member (Co-ordination)
Ganga Flood Control Commission
(GFCC), Patna

NINTH MEETING OF JCIFM (FEBRUARY 8-12, 2015)

LIST OF PARTICIPANTS

INDIAN SIDE:

1. Mr. A. Paramesham, Member (C), GFCC, Patna -Team Leader
2. Mr. S. K. Sahu, Chief Engineer, LBGO, Central Water Commission, Patna -Member
3. Mr. Dinesh Prasad, EE, Flood Control Planning & Monitoring, Govt. of Bihar. -Member
4. Mr. C.D. Ram, CE, (I&P), Irrigation Department, Govt. of Uttar Pradesh, -Member
5. Mr. Uttam Ray, S.E., I&W Dte, Govt of West Bengal, -Member
6. Mr. Ashish Sinha, FS (Com), Embassy of India, Kathmandu Nepal -Member
7. Ms. Satwant Khanalia, Under Secretary (Nepal), MEA, New Delhi, -Member
8. Mr. Munni Lal, Sr. Joint Commissioner (Ganga), MOWR, New Delhi, -Member
9. Mr. Anil Jain, Director, GFCC, Patna -Member Secretary
10. Mr. Manish Tripathi, Director (Finance), MoWR, -Permanent Invitee
11. Mr. Vijay Bhushan Sharma, AO, MEA -Permanent Invitee Representative
12. Mr. Sanjeev Kumar, SS(Com) Embassy of India, Kathmandu, Nepal, -Invitee
13. Mr. Arun K. Sinha, Liaison Officer, Government of Bihar, Kathmandu, Nepal. -Invitee



NINTH MEETING OF JCIFM (FEBRUARY 8-12, 2015)

LIST OF PARTICIPANTS

NEPALESE SIDE:

1. Mr. Rama Nand Prasad Yadav, Director General, DWIDP, Kathmandu -Team Leader
2. Mr. Niranjana Dev Pandey, Deputy Director General, DWIDP, Kathmandu, -Member Secretary
3. Mr. Gautam Rajkarnikar, Deputy Director General, DHM, Kathmandu -Member
4. Mr. Prem Kumar Srivastav, Senior Divisional Engineer, Dol, Kathmandu -Member
5. Mr. Sanjaya Dhungel, Senior Divisional Engineer, WECS, Kathmandu -Member
6. Mr. Jabin Tamrakar, Senior Divisional Engineer, MoIR, Kathmandu -Member
7. Mr. Prem Upadhyay, Under Secretary, MoF, Kathmandu -Member
8. Mr. Arvind Kumar Gupta, Senior Divisional Engineer, DWIDP, KTM -Member
9. Mr. Hari Odari, Section Officer, MOFA, Kathmandu -Member

SPECIAL INVITEES:

1. Mr. Bhilanaad Yadav, Division Chief, WIDP Division No.-1, Biratnagar
2. Mr. Ratneshwor Lal Karn, Division Chief, WIDP Division No.-2, Janakpur
3. Mr. Ajay Kumar Jaisawal, Division Chief, WIDP Division No.-3, Parwanipur
4. Mr. Ram Prasad Aryal, Division Chief, WIDP Division No.-5, Bhairahwa
5. Mr. Rakesh Prasad Kalwar, Division Chief, WIDP Division No.-6, Nepalgunj
6. Mr. Ran Bahadur Bam, Division Chief, WIDP Division No.-7, Dhangadhi
7. Mr. Raj Kumar Srivastav, PEP Field Office No.-2, Jaleshwar, Mahottary
8. Mr. Pawan Kumar Prasad, PEP Field Office No.-3, Sarlahi
9. Mr. Prakash Raj Kandel, PEP Field Office No.-5, Rupandehi
10. Mr. Surendra Prasad Choudhary, PEP Field Office No.-6, Dang
11. Mr. Binod Kumar Chapagain, PEP Field Office No.-1, Jhapa
12. Mr. Anup Keshar Thapa, PEP Field Office No.-7, Kanchanpur
13. Mr. Mahendra Prasad Badu, Project Chief, Mahakali River Training Project, Darchula
14. Mr. Atma Ram Ray, Project Chief, Karnali River Training Project, Bardiya

OTHER INVITEES

1. Mr. Krishna Belbase, DDG, DWIDP, Kathmandu
2. Mr. Noore Mohammad Khan, DDG, DWIDP, Kathmandu

FACILITATOR

1. Mr. Ashok Gautam, Engineer, DWIDP
2. Mr. Gopal Sharma, Engineer, DWIDP
3. Mr. Saroj Karki, Engineer, WIDP Division office No.1, Biratnagar



SUMMARY OF CONTRACT PACKAGES OF BAGMATI FOR RELEASE OF FUND

S.N.	Name of Packages	Name of Work	Name of successful Bidder	Estimated Cost (NRs.)	Contingency 5% (NRs.)	Evaluated Bid Amount (NRs.)	VAT 13% (NRs.)	Gol Contribution (NRs.)	GoN Contribution (NRs.)	Remarks
A Works to be done by Contractors										
1	I-N/Bagmati/L-Stud/P-73/2013-14	Construction of Stud	Shankarmali/ Akela J.V, Koteswor, Kathmandu	17930806.59	759779.94	9835279.46	1278586.32	10595059.40	1278586.32	
2	I-N/Bagmati/R-stud /P-74/2013-14	Construction of Stud	Rautaha/Santoshi J.V.Ratopul kathmandu.	27230148.11	1153819.83	13084421.00	1700974.73	14238240.83	1700974.73	
3	I-N/Bagmati/R-stud +Inlet+AFS/P-75/2013-14	Construction of Stud	Gajurmukhi / Baniya J.V. Gongbu, Kathmandu.	46750628.15	1980958.81	21128034.33	2746644.46	23108993.14	2746644.46	
				Total				47942293.37	5726205.51	
B Works to be done by User's Committee										
4	I-N/Bagmati/R-Spur Repair UC10/2013-14	Repair of Existing spur	Bagmati Nadi Niyantran Spur Marmat Upabhokta samitee,Rajdevi Rauthat	5199393.55	247590.16	4951803.39		5199393.55		
5	I-N/Bagmati/R-Stud Repair UC11/2013-14	Repair of Existing Stud	Bagmati Nadi Niyantran Spur Marmat Upabhokta samitee, Matsari, Rauthat	5199393.55	247590.16	4951803.39		5199393.55		
6	I-N/Bagmati/R-Raincut Repair UC12/2013-14	Repair of Raincuts	Bagmati Nadi Tabbandha Marmat Upabhokta samitee, Piprarajbada, Rauthat	1019492.42	48547.26	970945.16		1019492.42		
				Total (NRs.)				11418279.52		
				Grand Total (NRs.)				59360572.89	5726205.51	
				Requested for release of 50% Gol Contribution (NRs. Crore)=				2.968		




SUMMARY OF CONTRACT PACKAGE OF LALBAKEYA FOR RELEASE OF FUND

S.N.	Name of Packages	Name of Work	Name of successful Bidder	Estimated Cost (NRs.)	Contingency 5% (NRs.)	Evaluated Bid Amount (NRs.)	VAT 13% (NRs.)	GoI Contribution (NRs.)	GoN Contribution (NRs.)	Remarks
A Works to be done by Contractors										
1	I-N/LBK/L-EMB+GRV/P-76/2013-14	Construction of Embankment & Graveling Works	Rasuwa / Ashraya J.V Basundhara ,Kathmandu.	78656121.10	3332886.48	24205698.57	3146740.81	27538585.05	3146740.81	
2	I-N/LBK/L-Stud/P-77/2013-14	Construction of Stud	Pappu / Shivshankar J.V, Garuda, Rautahat.	37056100.78	1570173.76	17168607.64	2231918.99	18738781.4	2231918.99	
3	I-N/LBK/L-Stud /P-78/2013-14	Construction of Stud	Kankai International Builders, Surunga, Jhapa	12569095.07	532588.77	5724436.71	744176.77	6257025.48	744176.77	
4	EMB+GRV+AFS/P-79/2013-14	Construction of Stud	Mritsanjeevani / Panchakanya J.V, Kupondol, Lalitpur	75282709.28	3189945.3	25817018.26	3356212.37	29006963.56	3356212.37	
5	I-N/LBK/R-Stud+AFS/P-80/2013-14	Construction of Stud	Dev & Sayar / Binod Sah J.V, Kalaiya 4, Bara	20285130.29	859539.41	10489976.34	1363696.92	11349515.75	1363696.92	
				Total				92890871.24	10842745.88	
B Works to be done by User's Committee										
6	I-N/LBK/L-Stud Repair UC13/2013-14	Repair of Existing Stud	Lalbakeya Nadiniantran Upbhokta Samittee, Phatuha Maheshpur-8, Rautahat	2242804.55	106800.21	2242804.55		2242804.55		
7	I-N/LBK/L-Stud Repair UC14/2013-14	Repair of Existing Stud	Lalbakeya Stud Maramat Upbhokta Samittee, Inaruwa-2, Rautahat	2242804.55	106800.21	2242804.55		2242804.55		
8	I-N/LBK/L-Raincut Repair UC15/2013-14	Repair of Raincuts	Lalbakeya Bandh Maramat Upbhokta Samittee, Rajpurtulsi, Rautahat	2085036.28	99287.44	2085036.28		2085036.28		
9	I-N/LBK/R-Stud Repair UC16/2013-14	Repair of Existing Stud	Lalbakeya Nadiniantran Stud Marmat Upbhokta Samittee, Phatuha Maheshpur, Rautahat	2242804.55	106800.21	2242804.55		2242804.55		
10	I-N/LBK/R-Stud Repair UC17/2013-14	Repair of Existing Stud	Lalbakeya Nadiniantran Upbhokta Samittee, Inaruwa-7, Rautahat	2245804.55	106800.21	2245804.55		2245804.55		
11	I-N/LBK/R-Raincut Repair UC18/2013-14	Repair of Raincuts	Lalbakeya Daya Bandh Maramat Upbhokta Samittee, Tejapakad, Rautahat	1099681.01	52365.76	1099681.01		1099681.01		
				Total (NRs.)				12158935.49		
				Grand Total (NRs.)				105049806.73	10842745.88	
				Requested for release of 50% GoI Contribution (NRs. Crore)=						
				5.252						



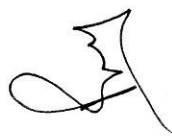

SUMMARY OF CONTRACT PACKAGES OF KAMALA FOR RELEASE OF FUND

S.N.	Chainage	Proposed Protection Works	Contract no./Name of Contractor	Estimated Cost				GoI			GoN	
				GoI With Contingency (NRs.)	GoN (13% VAT) (NRs.)	Total (NRs.)	Total Contract Amount (NRs.)	Contract Amount (Excluding VAT) (NRs.)	Contingencies (NRs.)	Total (NRs.)	VAT (13%) (NRs.)	GoN
				1	2	3	4	5=4-8	6	7	8	
Left Bank												
1	Ch.0+000 to 1+800 km	Construction of Bed Bars	I-N/Kamala/LB-78/070-71 Raman-Kamal J.V.	69684614.16	8627618.90	78312233.05	38959495.90	34477430.00	1723871.5	36201301.5	4482065.90	
2	Ch.9+00 & Ch.11+800 km	Construction of A.F.S. (Double barrel-2Nos.)	I-N/Kamala/LB-79/070-71 Kankai International Pvt. Ltd Suranja Jhapa	10778809.51	1334519.27	12113328.77	7735508.34	6845582.60	513276.64	7358859.243	889925.74	
3	Ch.16+800 km, Bhushi River	Construction of A.F.S. (Five barrel- 1 No.)	I-N/Kamala/LB-80/070-71 Surya Construction Pvt Ltd	19532641.56	2418327.05	21950968.60	13904905.38	12305226.00	930125.79	13235351.79	1599679.38	
4	Ch. 27+000 to 28+000 km	Construction of Studs (30m length, 3 Nos.)	I-N/Kamala/LB-81/070-71	17240856.86	2134582.28	19375439.13	10670712.04	9443108.00	820993.18	10264101.18	1227604.04	
5	Ghurmi River, Ch.16+200	Construction of A.F.S.	I-N/Kamala/LB-82/070-71 Raman Construction	173516189.31	21482954.30	194999123.60	129440308.52	114548945.60	8262674.73	122811620.3	14891362.93	
6	Batala River, Ch. 19+100	Construction of A.F.S.	I-N/Kamala/LB-83/070-71 Swachhanda Nirman Sewa	173516174.79	21482954.97	194999129.76	114607132.08	101422240.78	8262671.93	109684912.71	13184891.30	
7	Kataniya River, Ch.12+100	Construction of A.F.S.	I-N/Kamala/LB-84/070-71 Lama-Khani-Jagadamba J.V	94975036.24	11758814.01	106733850.24	76312522.37	67533205.64	4522620.77	72055826.41	8779316.73	
8	Ch.14+000 to Ch. 14+600 Km	Construction of Studs (30m length with earthen connector, 3 Nos.)	I-N/Kamala/LB-85/070-71 Mahalaxmi Construction Pvt.	20260834.93	2508484.33	22769319.25	14805693.47	13102383.60	964801.66	14067185.26	1703309.87	
Total Left Bank				579505137.36	71748255.10	651253392.40	406436278.10	359678122.21	26001036.21	385679158.42	46758155.89	
Right Bank												
1	Ch. 6+000, Phulbariya	Construction of Revetments (100m)	I-N/Kamala/RB-86/070-71 Jagadamba Builders	5739462.617	710600.13	6450062.75	3572880.33	3161841.00	273307.74	3435148.744	411039.33	
2	Construction of Ramp Near E-W Highway	Construction of Ramps	I-N/Kamala/LB-RB-87/070-71	6164508.85	763224.91	6927733.75	4285163.40	3792180.00	293548.04	4085728.04	492983.40	
3	Ch. 19+000 to Ch.20+000, Hathmunda	Construction of Studs (30m length, 3 Nos.)	I-N/Kamala/RB-89/070-71 Dev. & Svyar. Panekaniya J.V.	21582327.02	2672097.63	24254424.65	12926701.90	11439559.20	1027729.86	12467289.06	1487142.70	
Total Right Bank				33486298.49	4145922.57	37632221.15	20784745.63	18393580.2	1594585.642	19988165.84	2391165.43	
UC Through												
1	Bio Engineering Work	I-N/Kamala/LB-RB-88/070/71	Bio Engineering Work	18131909.25	2244903.05	20376812.30	20376812.30	18131909.25	863424.25	18995333.50	2244903.05	
2	Construction of Porcupine	I-N/Kamala/LB-UC-1/070/71	U/S of Ch 27+000	5515777.86	0	5515777.86	5515777.86	5253121.77	262656.09	5515777.86	0.00	
3	Maintenance of Embankment	I-N/Kamala/LB-UC-2/070/71	Left Bank	3149501.74	0	3149501.74	3149501.74	2999525.47	149976.27	3149501.74	0.00	
4	Maintenance of Embankment	I-N/Kamala/RB-UC-3/070/71	Right Bank	2416425.84	0	2416425.84	2416425.84	2301357.94	115067.90	2416425.84	0.00	
Grand Total				642205050.53	78139080.82	720344131.29	458679541.47	406757616.84	28986746.36	435744363.21	51394224.36	

Total Amount to be Paid by GoI (NRs.) = 435744363.2

Total Amount to be Paid by GoN (NRs.) = 51394224.36

First installment required 50 % of GoI Part (NRs.) = 217872181.6




SUMMARY OF EMERGENT WORKS IN BAGMATI DURING MONSOON OF 2014

S.N.	Name of works	Location of Works	Agency/User's Committee	Work Order Date	Work Completed Date	Estimated Amount (NRs.)	Billed Amount (NRs.)	Contingency (NRs.)	Gol Contribution (NRs.)	Remarks
1	Emergent Protection Works	Badaharwa, Rauthat(Right Bank)Ch6+500to 11+000km	Shree Bagmati Nadi Niyantran Aapikalin Upabhokta Samiti,Matsari-3,Rauthat.	2071.05.15	2071.06.31	2624632.30	2421139.31	124982.49	2546121.80	
2	Emergent Protection Works	Pipra Rajbada-6 Rauthat(Right Bank)Ch 17+500km	Shree Aapatkalin Bagmati Nadi Niyantran Upabhokta Samiti,Pipra Rajbada,Rauthat.	2071.05.15	2071.06.31	3778096.80	3490002.38	179909.37	3669911.75	
3	Emergent Protection Works	Dharampur,Laxmipur,Rauthat (Right Bank)Ch 20+000kmto 22+000km	Bagmati Niyantran Upabhokta Samiti,Gamharaiyapasa,Rauthat.	2071.05.15	2071.06.31	4177679.18	3858917.92	198937.10	4057855.02	
4	Emergent Protection Works	Ramauli Baiyya 4,Rauthat(Right Bank)Ch 29+000km	Bagmati Niyantran Upabhokta Samiti,Ramauli Baiyya,Rauthat.	2071.05.15	2071.06.31	4413023.95	4076520.88	210143.99	4286664.87	
5	Emergent Protection Works	Bagmati(Right Bank)Ch 0+600 to 4+100km	Rekha Nirma Sewa, Matsari 9, Rauthat.	2071.05.02	2071.05.17	497693.00	421052.84	21088.71	442141.55	
6	Emergent Protection Works	Bagmati(Left Bank)Ch. 10+000 to 16+000km	Ma Gadamba Nirma Sewa, Matsari 3, Rauthat.	2071.05.02	2071.05.17	497259.19	420525.00	21070.30	441595.30	
7	Emergent Protection Works	Bagmati(Right Bank)Ch. 20+000 to 23+000km	Saraswati Construction Pipariya-5, Rauthat.	2071.05.02	2071.05.17	497259.19	421240.00	21086.08	442326.08	
8	Emergent Protection Works	Rajghat 1 at (Left Bank)Ch.30+000	Shree Bagmati Nadi Niyantran Upabhokta Samiti,Rajghat 1 ,Sarlahi	2071.05.04	2071.05.25	1832056.11	1673782.80	87240.76	1761023.56	
9	Emergent Protection Works	karmaiya- 9 sarlahi	Shree Bagmati Nadi katan Niyantran Upabhokta Samiti,Karmaiya,Sarlahi	2071.05.03	2070.05.25	2645694.32	2364050.15	125985.44	2490035.59	
10	Emergent Protection Works	Hajariya ,Sarlahi(Left Bank)Ch .29+500km	Shree Bagmati Nadi Niyantran Upabhokta Samiti,Hajariya 3 ,Sarlahi	2071.05.13	2071.06.05	1457274.00	1345584.00	69394.00	1414978.00	
11	Emergent Protection Works	Hajariya ,Sarlahi(Left Bank)Ch .29+000km	Shree Bagmati Nadi Niyantran Upabhokta Samiti,Hajariya 3 kharsal tol,Sarlahi	2071.05.04	2071.05.26	3991305.97	3519426.93	190062.18	3709489.11	
12	Emergent Protection Works	Badaharwa,Rauthat(Left Bank-ch.5+500 km)	Shree Bagmati Katan Samranchan Upabhokta Samiti,Badaharwa Rauthat.	2071.05.24	2071.06.31	3836099.66	3540695.99	182671.41	3723367.40	
Grand Total (NRs.) =								1432571.83	28985510.03	

SUMMARY OF EMERGENT WORKS IN LALBAKEYA DURING MONSOON OF 2014

S.N.	Name of works	Location of Works	Agency/User's Committee	Work Order Date	Work Completed Date	Estimated Amount (NRs.)	Billed Amount (NRs.)	Contingency (NRs.)	GoI Contribution (NRs.)	Remarks
1	Emergent Protection Works	Debahi-8,9 Rautahat(Left Bank) Ch.11+000 to 11+150km	Shree Lal Bakeiya Nadi Niyantran Upabhokta Samiti, Debahi, Rautahat.	2071.05.04	2071.05.30	4517365.75	4137447.92	215112.65	4352560.57	
2	Emergent Protection Works	karunia 3,Rautahat(Left Bank) Ch.9+000 to 9+400& kaharaiya ch.18+000 to 18+250	Shree Lal Bakeiya Nadi Niyantran Samranchan Samiti,Kathariya karuniya, Rautahat.	2071.05.15	2071.05.31	1841658.21	1679375.07	87698.01	1767073.08	
3	Emergent Protection Works	karkach Rautahat(Left Bank) Ch.15+000 to 15+500	Shree Lal Bakeiya Nadi Niyantran Upabhokta Samiti,Karkach karmaiya Rautahat.	2071.05.13	2071.05.31	891731.13	815019.71	42463.38	857483.09	
4	Emergent Protection Works	Debahi 8 & 9 Rautahat(Left Bank) Ch.11+150 to 11+500 km	Shree Lal Bakeiya Taiband Marmat Upabhokta Samiti,Debahi Karunia Rautahat.	2071.05.13	2071.05.31	4638949.47	4228452.21	220902.35	4449354.56	
5	Emergent Protection Works	Tikuliya,Subarnamai (Left Bank) Ch.2+500 km	Shree Lal Bakeiya nadi niyantran Upabhokta Samiti, Gaur- 6,7 Rautahat.	2071.05.25	2071.7.30	3690282.75	3359916.00	175727.75	3535643.75	
6	Emergent Protection Works	Mahadevatti (Left Bank) Ch.0+300 km	Shree Lal Bakeiya nadi niyantran Upabhokta Samiti,Gaur,4 mahadevatti Rautahat.	2071.05.25	2070.07.30	3408894.9	2990343.85	162328.33	3152672.18	
7	Emergent Protection Works	Bairiya(Right Bank) Ch.4+000 km	Jay Shivshankar Nirmansewa hajminiya- 6 Rautahat	2070.05.30	2071.07.30	326800.00	270736	13851.24	284587.24	
8	Emergent Protection Works	Laxminiya- 1 & 4 (Right Bank) Ch.26+000 to 27+500km	Lalakeiya nadi katan Upabhokta samiti,Laxminiya-4,Rautahat	2071.05.15	2071.06.31	4530410.37	4042254.81	215733.82	4257988.63	
9	Emergent Protection Works	Inarwa rautahat (Right Bank) Ch.10+800 km	Aptakalin Upabhokta samiti,Inarwa,Rautahat	2071.05.15	2071.06.31	3482123.09	3074814.64	165815.38	3240630.02	
10	Emergent Protection Works	Tejapakad Rautahat (Right Bank) Ch.9+000 km	Baudhi Devi Upabhokta samiti,Tejapakad, Rautahat	2071.05.15	2071.06.31	1738651.32	1526027.77	82792.92	1608820.69	
11	Emergent Protection Works	Sitalpur bairaganiya 8,9 Rautahat (Right Bank) Ch.19+500 km	Lalakeiya Nadi Niyantran Upabhokta samiti,Ghusukpur,Shitalpur,Bairaganiya - 9,Rautahat	2071.05.15	2071.06.31	3606620.73	2558568.76	171743.84	2730312.6	
12	Emergent Protection Works	Phatuha Harsaha, Rautahat (Right Bank) Ch.22+000 km	Lalakeiya Nadi Niyantran Upabhokta samiti,Shitalpur,Bairaganiya-8,Gamhariya ,Rautahat	2071.05.15	2071.06.31	2517513.92	2265656.89	119881.61	2385538.5	
Grand Total (NRs.) =							35,191,001.64	1,674,051.28	32,622,664.91	

SUMMARY OF EMERGENT WORKS IN KAMALA DURING MONSOON OF 2014

S.N.	Location	Name of Work	Bank	Name of Contractor/User's	Estimate Amount (NRs.)	VAT 13% (NRs.)	Contingency (NRs.)	Total (NRs.)	Payment (NRs.)		Remarks
									Amount	VAT 13%	
Right Bank (Dhanusha District)											
1	Hathmunda, Ch. 18+225 to 18+500 km	Emergent Work	RB	Kamala Nadi Niyanttran Sanrakshan Upbhokta Sanstha, Singyahi Madan, Dhanusha	1595511.00	0.00	79775.00	1675286.00	1514884.00	0.00	1514884.00
2	Hathmunda, Ch. 18+200 km	Emergent Work	RB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Singyahi Madan, Dhanusha	439959.00	0.00	21997.00	461956.00	417265.00	0.00	417265.00
3	Lakkar	Construction of Geo-Bag Stud & Bamboo Pilling Work	RB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Singyahi Madan-5,6, Dhanusha	729108.00	0.00	36455.00	765563.00	674147.00	0.00	674147.00
4	Lakkar & Madan	Flood Fighting Work	RB	Gawala Nirman Sewa, Siraha-1	419866.00	54583.00	20993.00	495442.00	419175.00	54492.00	473667.00
5	Lakkar	Construction of Geo-Bag Stud & Bamboo Pilling Work	RB	Kamala Nadi Niyanttran Upbhokta Sanstha, Lakkar 4, Dhanusha	388396.00	0.00	19419.00	407815.00	272260.00	0.00	272260.00
6	Lakkar	Construction and Laying of Porcupine work	RB	Kamala Nadi Niyanttran Upbhokta Sanstha, Lakkar 4, Dhanusha	2758300.00	0.00	137915.00	2896215.00	2648794.00	0.00	2648794.00
7	Lakkar	Bamboo Pilling Work	RB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Lakkar-5,6,7, Dhanusha	469492.00	0.00	23474.00	492966.00	374168.00	0.00	374168.00
8	Lakkar (Near Ch. 9+500 km)	Flood Fighting Work	RB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Lakkar-5,6,7, Dhanusha	1077309.00	0.00	53865.00	1131174.00	1018953.00	0.00	1018953.00
9	Lakkar (Near Ch. 9+500 km)	Flood Fighting Work	RB	Kamala Nadi Niyanttran Upbhokta Sanstha, Lakkar 4, Dhanusha	1034303.00	0.00	51715.00	1086018.00	980782.00	0.00	980782.00
10	Lakkar (Near Ch. 9+500 km)	Flood Fighting Work	RB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Singyahi Madan-5,6, Dhanusha	1198464.00	0.00	59923.00	1258387.00	1137803.00	0.00	1137803.00
11	Phulwariya	Emergent Work	RB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Singyahi Madan-5,6, Dhanusha	973070.00	0.00	48653.00	1021723.00	923641.00	0.00	923641.00
12	Lakkar	Channelization work		Departmental	3743153.00	253604.00	199837.00	4196594.00	3493362.00	445685.00	3939047.00
13	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Shree Ram Supplier's, Dumariya-6, Rauthat	261000.00	33930.00	0.00	294930.00	260690.00	33889.00	294579.00
14	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Chaudhary Supplier's, Gaur-9, Rauthat	253030.00	32894.00	12651.00	298575.00	252730.00	32854.00	285584.00
15	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Ranjan Supplier's, Rauthat	264985.00	34448.00	0.00	299433.00	264670.00	34407.00	299077.00
16	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	P.N. Construction, Asanpur-6, Siraha	253030.00	32894.00	12651.00	298575.00	252730.00	32854.00	285584.00
17	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Jawala Construction, Siraha-1	253030.00	32894.00	12651.00	298575.00	252349.00	32805.00	285154.00
18	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Anjani Electric Pashal, Janakpur, Dhanusha	253000.00	32894.00	12651.00	298545.00	252984.00	32887.00	285871.00
19	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	Mahalaxmi Construction, Malangwa, Sarlahi	253575.00	32965.00	12678.00	299218.00	252000.00	32760.00	284760.00
20	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	Gyalex Enterprises, Janakpur	189175.00	24593.00	9458.00	223226.00	188000.00	24440.00	212440.00
21	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	Kanchan General Order Supplier's, Janakpur-4, Dhanusha	189175.00	24593.00	9458.00	223226.00	188000.00	24440.00	212440.00
22	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Narayan General Order Supplier's, Janakpur-4, Dhanusha	253031.00	32894.00	12651.00	298576.00	252730.00	32854.00	285584.00
23	Right bank, Dhanusha	Geo-Bag Supply Work	RB	Suruchi Supplier's, Janakpur, Dhanusha	211844.00	27539.00	10592.00	249975.00	211216.00	27458.00	238674.00
24	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Chandika Nirman Sewa, Siraha-1	253031.00	32894.00	12651.00	298576.00	252476.00	32821.00	285297.00

S.N.	Location	Name of Work	Bank	Name of Contractor/User's	Estimate Amount (NRs.)	VAT 13% (NRs.)	Contingency (NRs.)	Total (NRs.)	Payment (NRs.)		Remarks
									Amount	VAT 13%	
25	Right bank, Dhanusha	Geo-Bag Supply Work	RB	Baibhav Enterprises, Katunje-6, Bhaktapur	211844.00	27539.00	10592.00	249975.00	211216.00	27458.00	238674.00
26	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	A.A.General Order Supplier's, Janakpur-4, Dhanusha	120750.00	15698.00	6037.00	142485.00	120000.00	15600.00	135600.00
27	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	Star Builder's, Bengashipur-6, Dhanusha	264960.00	34444.00	0.00	299404.00	259200.00	33696.00	292896.00
28	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Shiv Engineering & Supplier's, Janakpur, Dhanusha	253031.00	32894.00	12651.00	298576.00	252730.00	32854.00	285584.00
29	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	Prince Construction, Janakpur-4, Dhanusha	201250.00	26152.00	10063.00	237475.00	200000.00	26000.00	226000.00
30	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Sanjib Supplier's, Pipariya-2	264985.00	34448.00	0.00	299433.00	264670.00	34407.00	299077.00
31	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Maa Durga General Order Supplier's, Jaleshwar-2, Mahottary	264985.00	34448.00	0.00	299433.00	264670.00	34407.00	299077.00
32	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Abhisek Supplier & Trader's Rajbiraj 3 Saptari	253030.00	32894.00	12651.00	298575.00	252730.00	32854.00	285584.00
33	Right bank, Dhanusha	Load & Unload of Emergency Good	RB	Kulanad Jha	157000.00	0.00	0.00	157000.00	157000.00	0.00	157000.00
34	Right bank, Dhanusha	Supply & Delivery of Nylon Box	RB	Aashis Construction, Sinurjora-5	199237.00	25900.00	11256.00	236393.00	199000.00	25870.00	224870.00
35	Right bank, Dhanusha	Supply & Delivery of Used Cement Bag	RB	Supriya General Order Supplier's, Janakpur-4, Dhanusha	201250.00	26152.00	11370.00	238782.00	200000.00	26000.00	226000.00
				TOTAL :	20107159.00	974208.00	946733.00	22028100.00	19137025.00	1163792.00	20300817.00
											0.00
1	Sarswar, Ch. 11+150 & Ch. 11+800 km	Bamboo Pilling Work	LB	Kamala Nadi Niyanttran Upbhokta Samittee, Sarswar-5, Siraha	735386.00	0.00	36769.00	772155.00	735385.00	0.00	735385.00
2	Sarswar-9, Belaha, Ch. 12+200 km	Bamboo Pilling Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Sarswar-9, Siraha	685789.00	0.00	34289.00	720078.00	684371.00	0.00	684371.00
3	Chatari, Ch. 15+200 km	Bamboo Pilling Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Chatari, Siraha	1692718.00	0.00	84635.00	1777353.00	1685710.00	0.00	1685710.00
4	Bhediya-8, Ch. 26+392 to 26+500 km	Bamboo Pilling & Empty Cement Bag Filling Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Badaharanal-1,2,3,4, Siraha	4274024.00	555623.00	253091.00	5082738.00	4194127.00	0.00	4194127.00
5	Marar - 8 & 9, Paterwa	Construction of Geo-Bag Stud Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Siraha Marar-8,9, Siraha	702314.00	0.00	35115.00	737429.00	702314.00	0.00	702314.00
6	Gamahariya-8,9	Construction of Geo-Bag Stud Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Malahaniya Gamhariya-4,5,6,7,8 & 9, Siraha	468209.00	0.00	23410.00	491619.00	468209.00	0.00	468209.00
7	Nirdana, Ch. 20+580 to 21+160 km	Bamboo Pilling Work	LB	Kamala Nadi Niyanttran Karya Upbhokta Sanstha, Chikana- 6 to 9, Nirdana Tole, Siraha	1485740.00	0.00	74287.00	1560027.00	1469408.00	0.00	1469408.00
8	Bhediya-8, Ch. 26+370 to 26+450 km	Empty Cement Bag Filling Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Bhediya, Siraha	1245315.00	161890.00	64394.00	1471599.00	1242758.00	0.00	1242758.00
9	Bhediya-8, Ch. 26+000 to 26+370 km	Bamboo Pilling & Empty Cement Bag Filling Work	LB	Kamala Nadi Niyanttran Upbhokta Sanstha, Bhediya, Siraha	2758947.00	358663.00	143410.00	3261020.00	2758020.00	0.00	2758020.00
10	Bhediya, Ch. 26+392 to 2+487 km	Repair of Breached Embankment	LB	Departmental	3657548.00	0.00	182877.00	3840425.00	3283292.00	364967.00	3648259.00
11	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Kumar Nirman Sewa, Siraha-7	211600.00	27508.00	10580.00	249688.00	207000.00	26910.00	233910.00
12	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Narayan Nirman Sewa, Janakpur-4, Dhanusha	220800.00	28704.00	11040.00	260544.00	216000.00	28080.00	244080.00
13	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Sukshanti Nirman Sewa, Bandipur, Siraha	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
14	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Prince Supplier's, Bagada	230000.00	29900.00	11500.00	271400.00	225000.00	29250.00	254250.00
15	Left Bank, Siraha	Supply & Delivery of Porcupine work	LB	Pakhrin Nirman Sewa, K.N.P.-7, Sindhuli	247940.00	32232.00	12396.00	292568.00	247690.00	32199.00	279889.00

S.N.	Location	Name of Work	Bank	Name of Contractor/User's	Estimate Amount (NRs.)	VAT 13% (NRs.)	Contingency (NRs.)	Total (NRs.)	Amount	Payment (NRs.)	Remarks
16	Left Bank, Siraha	Supply & Delivery of Porcupine work	LB	R.T.S. Construction & Supplier's Pvt. Ltd., Bardibas, Mahottary	247940.00	32232.00	12396.00	292568.00	247690.00	32199.00	279889.00
17	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Lumbini Hardware, Bardibas, Mahottary	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
18	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Bimal Construction Company Pvt. Ltd., Koteswar, Kathmandu	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
19	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Rita Electro Mechanical Supplier's & Erectors, Janakpur-1, Dhanusha	169050.00	21976.00	8452.00	199478.00	168000.00	21840.00	189840.00
20	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Mahalaxmi Supplier's, Janakpur-8, Dhanusha	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
21	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Prachi Supplier's, Janakpur-4, Dhanusha	264960.00	34444.00	0.00	299404.00	263520.00	34257.00	297777.00
22	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Nursing Traders & Supplier's, Janakpur, Dhanusha	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
23	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Nitish Nirman Sewa Phulwariya-2, Siraha	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
24	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Orish Nirman Sewa Ka.na.pa. 7, Sindhuli	264960.00	34444.00	0.00	299404.00	259200.00	33696.00	292896.00
25	Left Bank, Siraha	Supply & Delivery of Used Cement Bag	LB	Baidehi Nirman Sewa, Janakpur-4, Dhanusha	253920.00	33009.00	12696.00	299625.00	248400.00	32292.00	280692.00
				TOTAL (NRs.):	21340680.00	1548679.00	1087513.00	23976872.00	20796494.00	829442.00	21625936.00
				GRAND TOTAL (NRs.):	41447839.00	2522887.00	2034246.00	46004972.00	39933519.00	1993234.00	41926753.00

Gol Part (Paid Amount+Contingency) (NRs.)	41967765.00
GoN Part (VAT) (NRs.)	1993234.00
Total (NRs.)	43960999.00




SUMMARY OF PROPOSED WORKS IN BAGMATI

S.N	Description of work	Package No.	Location	Construction cost (NRs.)	Contingency 5% of Col. 5 (NRs.)	VAT 13 % of Col. 5 (NRs.)	Total Amount (Col. 5+6+7) (NRs.)	Gol Col. 8-7 (NRs.)	GoN Col. 7 (NRs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11
A. Left Bank										
1	Construction of Manusmara Bridge	I-N/Bagmati/L-M-Bridge/P59/2012-13	At ch. 4+500km in Manusmara River	50269931.04	2468496.55	6418091.03	59156518.62	52738427.59	6418091.03	
2	Construction of Stud	I-N/Bagmati/L-Stud/P-81/2014-15	Left Bank, ch 4+500 to 5+000km (6 nos)	39199144.92	1951176.95	5073060.07	46223381.94	41150321.87	5073060.07	
3	Construction of Earthen Ramp for approach Road & construction of kilometer post	I-N/Bagmati/L-Ramp+km/P-82/2014-15	Ramp-Left Bank at Different Chainages between ch 0+600 to Ch 46+700km & Kilometer Post-1 km c/c between 0+000to 47+000km	12693828.33	634691.41	1650197.67	14978717.42	13328519.74	1650197.67	
Sub-Total of A:				102162904.29	5054364.91	13141348.78	120358617.98	107217269.20	13141348.78	
B. Right Bank										
1	Construction of Anti flood sluice(5 barrel)	I-N/Bagmati/R-AFS/P-83/2014-15	Right bank At ch. 12+045km in Dori River	102099551.52	5104977.58	13272941.70	120477470.80	107204529.10	13272941.70	
2	Construction of Anti flood sluice(Doble barrel), Earthen Ramp & Kilometer Post	I-N/Bagmati/R-AFS+RAMP+km/P-84/2014-15	AFS-Right bank At ch. 34+400km, 34+750km & 35+600km(3 nos), Ramp-between 0+000 to 36+000 & Kilometer post-1 km c/c between 0+000 to 36+000	26023687.95	1301184.40	3383079.43	30707951.78	27324872.35	3383079.43	
Sub-Total of B :				128123239.47	6406161.98	16656021.13	151185422.58	134529401.45	16656021.13	
C. Works to be done by User's Committee before monsoon of 2015										
1	Construction of R.C.C Porcupines	I-N/Bagmati/R-Porcupine/UC-19/2014-15	Right Bank At ch. 6+500km(Badaharawa) & ch.9+500km(Malsari)	4142094.51	207104.73		4349199.24	4349199.24		
2	Repair of existing spur -1 no	I-N/Bagmati/R-Spur Repair/UC-20/2014-15	Right Bank At ch. 16+200km(Piprarajbara)	5075109.71	253755.48		5328865.19	5328865.19		
3	Repair of existing spur -1 no	I-N/Bagmati/R-Spur Repair/UC-21/2014-15	Right Bank At ch. 22+800km(Laxmipur)	3430253.38	171512.66		3601766.04	3601766.04		
4	Construction of R.C.C Porcupines	I-N/Bagmati/R-Porcupine/UC-22/2014-15	Right Bank At ch. 18+000km(Dharampur) & ch.23+100km(Madanpur)	4168815.13	208440.76		4377255.89	4377255.89		
Sub-Total of C:				16816272.73	840813.63		17657086.36	17657086.36		
Total NRs. (A+B+C)				247102416.49	12301340.52	29797369.91	289201126.92	259403757.01	29797369.91	




SUMMARY OF PROPOSED WORKS IN LALBAKEYA

S.N	Description of work	Package No.	Location	Construction cost (NRs.)	Contingency 5% of Col. 5 (NRs.)	VAT 13 % of Col. 5 (NRs.)	Total Amount (Col. 5+6+7) (NRs.)	GoI Col. 8-7 (NRs.)	GoN Col. 7 (NRs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11
A. Left Bank										
1	Construction of Anti-Flood Sluice (5 Barrel)	I-N/LKB-II/L-AFS/P-85/2014-15	Left Side of Lal Bakeya River at ch. 0+250 km (Kamdehi River)	102991696.80	5149584.84	13388920.58	121530202.22	108141281.64	13388920.58	
2	Construction of Embankment, Studs (6Nos.) and Graveling works	I-N/LKB-II/L-EMB+STD+GRV/P-86/2014-15	Left Side of Lal Bakeya River at ch. 10+975 to 11+275km (Debahi)	32127457.40	1606372.87	4176569.46	37910399.73	33733830.27	4176569.46	
3	Construction of Kilometer Post and earthen ramp for approach road	I-N/LKB-II/L-KMP+RMP/P-87/2014-15	Kilometer Post at Left Side of Lal Bakeya River and Earthen Ramp at different chainage between Ch. 2+000 to 32+500 Left Side of Lal Bakeya River	9678063.45	483903.17	1258148.25	11420114.87	10161966.62	1258148.25	
Sub-Total of A:				144797217.65	7239860.88	18823638.29	170860716.83	152037078.53	18823638.29	
B. Right Bank										
1	Construction of Stud	I-N/LKB-II/R-STD/P-88/2014-15	Right Side of Lal Bakeya River at ch. 46+300 to 46+500km (4 nos.)	14462747.60	723137.38	1880157.19	17066042.17	15185884.98	1880157.19	
2	Construction of Kilometer Post and earthen ramp for approach road	I-N/LKB-II/R-KMP+RMP/P-89/2014-15	Kilometer Post at Right Side of Lal Bakeya River and Earthen Ramp at different chainage between Ch. 1+500 to 29+000 Right Side of Lal Bakeya River	10599401.89	529970.09	1377922.25	12507294.23	11129371.98	1377922.25	
Sub-Total of B:				25062149.49	1253107.47	3258079.43	29573336.40	26315256.96	3258079.43	
C. Works to be done by User's Committee before monsoon of 2015										
By User's Committee										
1	Construction of RCC Porcupines	I-N/LKB-II/R-Porcupine UC23/2014-15	Right Bank at Ch. 20+000 (Ghusukpur), Ch. 22+200 (Gamhariya) & Ch. 28+000 (Laxmipur)	3033098.43	151654.92		3184753.35	3184753.35		
2	Construction of RCC Porcupines	I-N/LKB-II/R-Porcupine UC24/2014-15	Right Bank at Ch. 7+000 (Tejapakad), Ch. 10+800 (Inerwa) & Ch. 12+000 (Baudha)	3015864.03	150793.20		3166657.23	3166657.23		
Sub-Total of C:				6048962.46	302448.12		6351410.58	6351410.58		
Grand Total NRs.(A+B+C):				175908329.60	8795416.48	22081717.73	206785463.81	184703746.08	22081717.73	

SUMMARY OF PROPOSED WORKS IN KAMALA

S.No.	Package No.	Structure's Detail	Location	Construction Cost (NRs)	Contingencies 5% of Col. 5 (NRs)	VAT 13% of Col. 5 (NRs)	GoI (5+6) (NRs)	GoN (7) (NRs)	Total Amount (5+6+7) (NRs)	Remarks
1	2	3	4	5	6	7	8	9	10	11
A Left Bank										
Work Proposed Through Contract										
1	I-N/Kamala/LB-90/071-72	Construction of Revetment Work (1002 m)	Sarsar (501 m), Manpur (501 m)	22,237,153.61	1,106,876.73	2,890,829.96	23,344,030.34	2,890,829.96	26,234,860.30	
2	I-N/Kamala/LB-91/071-72	Construction of Studs - 3 nos, 18m Length with 30m earthen connector	Ch. 14+000 to 15+000 km	9,177,039.83	456,796.40	1,193,015.17	9,633,836.23	1,193,015.17	10,826,851.40	
3	I-N/Kamala/LB-92/071-72	Construction of Earthen Ramp (30 no.)	Ch. 0+000 to Ch. 34+650 Left Bank	67,893,148.02	3,379,449.87	8,826,109.24	71,272,597.89	8,826,109.24	80,098,707.13	
	Total		Sub-Total	99,307,341.46	4,943,123.00	12,909,954.37	104,250,464.46	12,909,954.37	117,160,418.83	
Work Proposed Through UC										
4	UC/Kamala/LB-1/071-72	Construction of Double Barrel A.F.S. 1 no.	Ch.25+000, Bhokraha	4,265,158.29	212,302.55	554,470.57	4,477,460.84	554,470.57	5,031,931.41	
5	UC/Kamala/LB-2/071-72	Restoration of Old Stud (2) nos.	Bhediya, Ch. 26+400 & Ch. 26+450 km, Left Bank, Siraha	2,418,281.47	120,372.39	314,376.59	2,538,653.86	314,376.59	2,853,030.45	Emergency
6	UC/Kamala/LB-3/071-72	Construction of Stud (18 m) - 2 nos.	Ch. 27+000 to 28+000, Left Bank, Siraha	5,196,237.60	103,459.18	675,510.88	5,299,696.78	675,510.88	5,975,207.66	Emergency
7	UC/Kamala/LB-4/071-72	Construction of Revetment (120 m)	Ch.2 6+380 to Ch. 26+500, Bhediya, Left Bank, Siraha	2,857,748.11	142,247.29	371,507.25	2,999,995.40	371,507.25	3,371,502.65	Emergency
8	UC/Kamala/LB-5/071-72	Construction of R.C.C. Porcupine in 250 set	Ch.33+000, Bandipur	4,254,917.05	635,378.35	553,139.21	4,890,295.40	553,139.21	5,443,434.61	Emergency
9	UC/ Kamala/LB-6/071-72	Construction of R.C.C. Porcupine in 250 set	U/S of Ch.27+000	4,254,917.05	635,378.35	553,139.21	4,890,295.40	553,139.21	5,443,434.61	Emergency
10	UC/ Kamala/LB-7/071-72	Construction of R.C.C. Porcupine in 250 set	Ch.5+000, Manpur	4,254,917.05	635,378.35	553,139.21	4,890,295.40	553,139.21	5,443,434.61	Emergency
	Total		Sub-Total	27,502,176.62	2,484,516.46	3,575,282.92	29,986,693.08	3,575,282.92	33,561,976.00	
			Total	126,809,518.08	7,427,639.46	16,485,237.29	134,237,157.54	16,485,237.29	150,722,394.83	




SUMMARY OF PROPOSED WORKS IN KAMALA

S.No.	Package No.	Structure's Detail	Location	Construction Cost (NRs)	Contingencies 5% of Col. 5 (NRs)	VAT 13% of Col. 5 (NRs)	GoI (5+6) (NRs)	GoN (7) (NRs)	Total Amount (5+6+7) (NRs)	Remarks
1	2	3	4	5	6	7	8	9	10	11
B Right Bank										
Work Proposed Through Contract										
11	I-N/Kamala/RB-93/071-72	Construction of Ramp (21 nos.), Tying and Re-construction of Embankment	Ch. 0+000 to 28+000 km, Right Bank, Dhanusha	8,666,325.92	431,375.10	1,126,622.36	9,097,701.02	1,126,622.36	10,224,323.38	
12	I-N/Kamala/RB-94/071-72	Construction of Revetment (933 m)	(Ch. 4+700, Ch. 9+300, Ch. 3+700 and Charnath-Kamala Junction Point, Right Bank, Dhanusha)	54,292,534.56	2,702,465.63	7,058,029.49	56,995,000.19	7,058,029.49	64,053,029.68	Emergency
13	I-N/Kamala/RB-95/071-72	Construction of Stud (30 m) 4 nos.	Ch. 9+300 to 9+600 km (Lakkari)- 3 Nos., Ch. 17+500 to 18+000 km (Hathmunda)	27,140,264.91	1,350,934.04	3,528,234.43	28,491,198.95	3,528,234.43	32,019,433.38	Emergency
14	I-N/Kamala/RB-96/071-72	Construction of Stud (30 m) with Earthen Connector 3 nos.	Ch. 5+700 (Near A.F.S. Package No. 39), 9+300 (Lakkari), 12+400 km (Madan), Dhanusha	20,812,269.98	1,035,951.71	2,705,595.09	21,848,221.69	2,705,595.09	24,553,816.78	Emergency
15	I-N/Kamala/RB-97/071-72	Reconstruction of Embankment in Breached Portion.	Barmajhiya	28,079,861.55	1,397,703.41	3,650,382.00	29,477,564.96	3,650,382.00	33,127,946.96	Emergency
	Total		Sub-Total	138,991,256.92	6,918,429.89	18,068,863.37	145,909,686.81	18,068,863.37	163,978,550.18	
Work Proposed Through UC										
13	UC/Kamala/RB-8/071-72	Construction of Porcupine Work (210 Set)	Hathmunda and Lakkari	3,115,268.07	155,065.60	404,984.84	3,270,333.67	404,984.84	3,675,318.51	Emergency
			Total (NRs)	142,106,524.99	7,073,495.49	18,473,848.21	149,180,020.48	18,473,848.21	167,653,868.69	
			Grand Total (NRs):	268,916,043.07	14,501,134.95	34,959,085.50	283,417,178.02	34,959,085.50	318,376,263.52	




Details of Contact Officers in Respect of Various Issues being dealt by the India-Nepal Joint Committee on Inundation and Flood management (JCIFM)

S.N.	Issue	Details of Indian Contact Officer	Details of Nepalese Contact Officer
1	Mahali Sagar	Executive Engineer, Drainage Division, Irrigation Department, Government of Uttar Pradesh, Siddharthanagar Shri A.P. Singh, Contact No: 09451405354	Senior Divisional Engineer, WIDP Division Office, No. 5, Bhairawaha, Nepal Mr. Ram Prasad Aryal Contact No: 00977-9857012509
2	Bairaganiya Ring Bund	Executive Engineer, Drainage Division, Motihari Water Resources Department, Government of Bihar Contact No: 9473197313	Senior Divisional Engineer, WIDP Division Office, No. 3, Parwanipur, Nepal Mr. Ajay Kumar Jaiswal Contact No: 00977-9852671278
3	Rato River	Executive Engineer, Bagmati Division No.-1, Water Resources Department, Government of Bihar Sitamarhi Contact No: 9473197209	Senior Divisional Engineer, People's Embankment Field Office No. 2, Mahottari, Nepal Mr. Raj Kumar Shrivastav Contact No: 00977-9854030775
4	Lakhandehi River	Executive Engineer, Bagmati Division No.-1, Water Resources Department, Government of Bihar Sitamarhi Contact No: 9473197209	Senior Divisional Engineer, WIDP Division Office, No. 3, Parwanipur, Nepal Mr. Ajay Kumar Jaiswal Contact No: 00977-9852671278




S.N.	Issue	Details of Indian Contact Officer	Details of Nepalese Contact Officer
5	Mechi River	West Bengal: Executive Engineer, Siliguri Irrigation Division, Irrigation and Waterways Department, Government of West Bengal Siliguri Contact No: 0353-2431842, 9434323521 Bihar: Executive Engineer, Drainage and Investigation Division, Water Resources Department, Government of Bihar Kishenganj	Senior Divisional Engineer, WIDP Division Office, No. 1, Biratnagar, Nepal Mr. Bhilanaad Yadav Contact No: 00977-9858024641
6	Jhanjh River	Executive Engineer, Bagmati Division No.-1, Water Resources Department, Government of Bihar Sitamarhi Contact No: 9473197209	Senior Divisional Engineer, WIDP Division Office, No. 3, Parwanipur, Nepal Mr. Ajay Kumar Jaiswal Contact No: 00977-9852671278
7	Khando River	Executive Engineer, Western Embankment Division, Water Resources Department, Government of Bihar Nirmali [Shri Om Prakash, Contact No: 9473197054, 9122073904]	Senior Divisional Engineer, WIDP Division Office, No. 2, Janakpur, Nepal Mr. Ratneswar Lal Karna [Contact No: 00977-9854027095, 00977-041-525901/525902]
8	Bhutahi Balan River	Executive Engineer, Flood Control Division No.-1, Water Resources Department, Government of Bihar Jhanjarpur [Shri Nalini Ranjan Prasad, Contact No: 9473197252, 9431074976]	Senior Divisional Engineer, WIDP Division Office, No. 2, Janakpur, Nepal Mr. Ratneswar Lal Karna [Contact No: 00977-9854027095, 00977-041-525901/525902]




S.N.	Issue	Details of Indian Contact Officer	Details of Nepalese Contact Officer
9	West Rapti River	Executive Engineer, Saryu Canal Division-1, Irrigation Department, Government of Uttar Pradesh Bahraich [Shri Narendra Kumar Jadia, Contact No: 05252-220226, 9415489149]	Senior Divisional Engineer, WIDP Division Office, No. 6, Nepalgunj, Nepal Shri Rakesh Prasad Kalwar [Contact No: 00977-9858031067]
10	Lakhandehi River	Executive Engineer, Flood Control Division No.-2, Water Resources Department, Government of Bihar Jhanjarpur Contact No: 9473030612	Senior Divisional Engineer, WIDP Division Office, No. 3, Parwanipur, Nepal Mr. Ajay Kumar Jaiswal Contact No: 00977-9852671278
11	Mahakali River/Sharada River	Executive Engineer, Headworks Division, Bareilly, U.P. Contact No: +919412409971	Division Chief, Water Induced Disaster Prevention Division No. 7, Dhangadi Mr. Rana Bahadur Bam Contact No: +9779851125563 For Darchula District: Project Chief, Mr. Mahendra Prasad Badu Mahakali River Training Project, Contact No: +9779858757075




List of 64 Sites 46 in Nepal & India forming part of Flood Forecasting (FF) Network
(H-Hydromet, M-Meteorological)

S.N.	Basin	Station	River	Located	Type of Station
1	Mahakali/Sharda	Banbasa	Sharda	India	H
2		Paliakalan	Sharda	India	H
3		Dadeldhura		Nepal	M
4	Karnali/Ghagra	Dipayal	Seti	Nepal	H
5		Samajighat	Bheri	Nepal	H
6		Asraghat	Karnali	Nepal	H
7		Chisapani	Karnali	Nepal	H
8		Katarniyaghat	Ghagra	India	H
9		Elginbridge	Ghagra	India	H
10		Dhangadhi		Nepal	M
11		Jumla		Nepal	M
12		Dang		Nepal	M
13	Rapti	Bhaluwang	Rapti	Nepal	H
14		Kusum	Rapti	Nepal	H
15		Kakardhari	Rapti	India	H
16		Bhinga	Rapti	India	H
17		Bhairahawa		Nepal	M
18		Nepalgunj		Nepal	M
19	Bagmati	Karmaiya (Noonthar)	Bagmati	Nepal	H
20		Dheng bridge	Bagmati	India	H
21		Runisaidpur	Bagmati	India	H
22		Kathmandu		Nepal	M
23		Garuda		Nepal	M
24		Nijgadh		Nepal	M
25	Kamala	Jainagar	Kamala	India	H
26		Jhanjharpur	Kamala-Balan	India	H
27		Sindhuligadhi	Kamala	Nepal	H
28		Chisapani	Kamala	Nepal	H
29		Belkot	Kamala	Nepal	H
30		Nepaltar		Nepal	M
31	Narayani/Gandak	Betrabati	Trisuli	Nepal	H
32		Narayanghat	Narayani	Nepal	H
33		Ansingh	Kaligandaki	Nepal	H
34		Ararughat	Budhi-Gandaki	Nepal	H
35		Rajaiya	East Rapti	Nepal	H
36		Valmikinagar (Tribeni)	Gandak	India	H
37		Khadda	Gandak	India	H
38		Beni		Nepal	M
39		Pokhara		Nepal	M
40		Gorkha		Nepal	M
41		Danda		Nepal	M

S.N.	Basin	Station	River	Located	Type of Station
42	Koshi	Pachuarghat	Sunkosi	Nepal	H
43		Kuruleghat	Sunkosi	Nepal	H
44		Rabuwabazar	Dhudkoshi	Nepal	H
45		Turkeghat	Arun	Nepal	H
46		Majhitar	Tamor	Nepal	H
47		Chatra	Saptakoshi	Nepal	H
48		Birpur	Kosi	India	H
49		Basua	Kosi	India	H
50		Jiri		Nepal	M
51		Okhaldhunga		Nepal	M
52		Chaurikharka		Nepal	M
53		Lungthung		Nepal	M
54		Taplejung		Nepal	M
55		Dhankuta		Nepal	M
56	Kankai/Mahananda	Mainachuli		Nepal	M
57		Taibpur		India	H
58		Dhengraghat		India	H
59		Haraincha		Nepal	M
60		Ilam		Nepal	M
61	Budhi Gandak	Biratnagar		Nepal	M
62		Chanpatia		India	H
63		Lalbegiaghat		India	H
64		Simara		Nepal	M

Note :-

Hydromet Site in Nepal = 21
Hydromet Site in India = 18
Meteorological Site in Nepal = 25