

No. 5/12/2012-Ganga (Part I)/5334-69
 Government of India
 Ministry of Water Resources,
 River Development and Ganga Rejuvenation
 (Ganga Wing)

Block No.11, 8th Floor,
 CGO Complex, New Delhi,
 Dated: 23rd December, 2014

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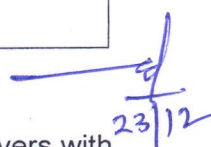
Subject: Administrative Approval for the Central Sector Scheme "River Management Activities & Works Related to Border Areas" at a total cost of Rs.740.00 crore for implementation during XII Plan.

The undersigned is directed to convey administrative approval of the competent authority for implementation of the central sector scheme "River Management Activities & Works Related to Border Areas" with a total cost of Rs.740 crore (Rupees Seven Hundred Forty Crore Only) during XII Five Year Plan (2012-17) to cover the following continuing and new activities :

SN	Activities	Amount (Rs. crore)	
1.0	Hydrological observations and flood forecasting on common border rivers with neighbouring countries		
1.1	Flood Forecasting on rivers common to India and Nepal	29.64	Details at Annex-1
1.2	Hydrological observations / Flood Forecasting - Bhutan, Bangladesh, China and adjoining Indian side	52.52	Details at Annex-2
	Sub-total (1.0)	82.16	
2.0	Investigation of WR projects in Neighbouring countries		
2.1	Pancheshwar Multipurpose Project	50.13	Details at Annex-3
2.2	Surveys & Investigation of Kosi High Dam	40.61	
2.3	Investigations for Naumure MP Project	25.00	
	Sub-total (2.0)	115.74	
3.0	Pre-construction activities for WR projects on common border rivers - Pancheswar Development Authority (PDA)	100.00	
4.0	Grant-in-Aid to States / UTs for flood management /anti-sea erosion works		
4.1	Maintenance of flood protection works of Kosi & Gandak Projects (in Nepal), Flood Protection/anti-erosion works in the border areas with Bangladesh and Pakistan by States	266.60	
4.2	Flood management /anti-erosion works/ anti-sea erosion works in UTs	130.50	
	Sub-total (4.0)	397.10	Details at Annex-4
5.0	Activities of Ganga Flood control Commission (GFCC)	45.00	Details at Annex-5
	Grand Total	740.00	

2. The sanction is subject to following conditions:

- (i) The work of hydrological observations and flood forecasting on common border rivers with neighbouring countries will be monitored by CWC.


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- (iii) The provision of Rs. 100 crore towards pre-construction activities of WR projects in neighbouring countries covers the expenditure on the activities of pre-construction, equity related to Pancheshwar Multipurpose Project and establishment charges of Pancheshwar Multi Pancheshwar Development Authority (PDA) during XII Plan.
- (iv) The flood protection works for maintenance of Kosi and Gandak projects in the territory of Nepal shall be executed and maintained by the Governments of Bihar and Uttar Pradesh in accordance with bilateral arrangements between India and Nepal. The actual expenditure incurred by the State Governments on such works shall be reimbursed to the extent of 100% on submission of certificate of Audit by AG's Office, recommendations of Kosi High Level Committee and GFCC on the claims of reimbursement for such works.
- (v) The flood protection/ anti-erosion works in the border areas with Bangladesh and Pakistan shall be executed by the concerned States in accordance with the provisions of bilateral treaties / arrangements between India and neighbouring countries. The central assistance to the extent of 100% will be provided for such works under this scheme on submission of documents viz. Clearance of appraisal agency or Advisory Committee of MoWR, RD & GR, investment clearance of Planning Commission or the organisation authorised by Government of India, Utilisation Certificate in GFR-19(A) duly countersigned by the concerned Secretary / Principal Secretary of the State Government for the central assistance released earlier, State Budget allocation indicating provision for the central share, physical & financial progress reports, monitoring report with recommendations of monitoring agency etc or any other document as may be required by the Ministry in justification of such works. Such works shall be monitored by GFCC in Ganga Basin States and by CWC in remaining States.
- (vi) The grant-in-aid covered under para-2(v) above to States and UTs shall be released in two instalments in a year. The amount of first instalment shall not exceed 50% of the provision in Annual Budget of State Government. Balance / Second instalment of central assistance shall be released on submission of Utilisation Certificate for utilization of 50% of Central Share released earlier for 2nd instalment falling in the same financial year and on 100 % utilisation of earlier funds if the 2nd / subsequent instalment falls in the next financial year.
- (vii) Ganga Flood Control Commission (GFCC), a subordinate office of Ministry of Water Resources, created in 1972 to deal with floods and its management in Ganga basin states shall continue and an amount of Rs. 45.00 crore is approved towards its activities and establishment cost during XII Plan.
3. Release of payment to the Government of China, Bhutan and Nepal towards running and maintenance of hydro-meteorological stations in their territory, on actual basis, would be made with approval of competent authority.
4. GFCC and Brahmaputra Board shall ensure that the hydrological data used in preparation of Master Plans would be treated as classified by the state governments and utilized fully, so that the investment is fruitful.
5. The expenditure shall not exceed budgetary grant under this scheme for each year;
6. The economy instructions issued by the Government of India from time to time shall be adhered.
7. In view of the fact that many works pertaining to Nepal, Bhutan, China and Bangladesh require mutual consent of the respective Government and their progress depends upon the agreements/ consent of the neighbouring countries, sanction is also conveyed for any inter-item re-distribution of provisions within the overall cost of Rs. 740 crore and re-appropriation of funds from one head to another by the Administrative Ministry as per the extant instructions/guidelines/rules of the Ministry of Finance may be undertaken.

8. Evaluation study of the investment made during XI Plan in preparation of master plans by the Ganga Flood Control Commission and the Brahmaputra Board would be carried out from the independent agencies to assess the quality and usefulness, by GFCC and Brahmaputra Board respectively.
9. The expenditure on account of above works & activities will be debitible to the relevant Head of the account under Demand for Grants of Ministry of Water Resources.
10. Approval of competent authority in line with delegated powers for administrative approval & financial sanction as per prescribed procedure would be taken during implementation of scheme.
11. This issues with the concurrence of Integrated Finance Desk vide their Dy. No. FTS dated 17.12.2014.

 23.12.2014

(C. LAL)

Sr. Joint Commissioner-II (Ganga)

Copy to:

1. Chairman, CWC, New Delhi.
2. Member (RM), CWC, New Delhi.
3. Member (WP&P), CWC, New Delhi.
4. Member (D&R), CWC, New Delhi.
5. Chairman, GFCC, Patna.
6. Chairman, Brahmaputra Board, Guwahati.
7. Joint Secretary (PF-II), Department of Expenditure, Ministry of Finance, New Delhi.
8. JS & FA, MoWR, RD & GR, New Delhi.
9. JS(PP), MoWR, RD & GR, New Delhi
10. JS (Admn), MoWR, RD & GR, New Delhi.
11. Joint Secretary (BM), Ministry of Home Affairs, New Delhi.
12. Joint Secretary (North), Ministry of External Affairs, New Delhi.
13. Joint Secretary (BM), Ministry of External Affairs, New Delhi.
14. Joint Secretary, Ministry of DONER, New Delhi.
15. Advisor (WR), Planning Commission, New Delhi.
16. Commissioner (Ganga), MoWR, RD & GR, CGO Complex, New Delhi.
17. Commissioner (B&B), MoWR, RD & GR, New Delhi
18. Commissioner (PR), MoWR, RD & GR, New Delhi
19. Chief Engineer (FM), CWC, New Delhi.
20. Chief Engineer (P&D), CWC, New Delhi.
21. Chief Engineer (YBO), CWC, New Delhi.
22. Member (C), GFCC, Patna.
23. Member (P), GFCC, Patna. .
24. Cabinet Secretariat (Director), Rashtrapati Bhawan, New Delhi.

25. Principal Director of Audit, Economic & Service Ministries, AGCR Building, New Delhi-110002
26. Director (Prog.), Ministry of DONER, New Delhi.
27. Director (Finance), MoWR, New Delhi.
28. Controller of Accounts, MoWR, Shastri Bhawan, New Delhi.
29. Principal PAO, MoWR, Shastri Bhawan, New Delhi.
30. PAO, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
31. Under Secretary, Finance Wing/ Budget Section, MoWR.

Copy also for kind information to :

1. PS to Hon'ble Minister (WR, RD &G), New Delhi.
2. PS to MOS (WR, RD &G), New Delhi.
3. Secretary (Expenditure), Ministry of Finance, New Delhi.
4. Secretary (WR, RD &GR), New Delhi
5. Additional Secretary (WR, RD & GR), New Delhi.

 23.12.2014

(C. LAL)
Sr. Joint Commissioner-II (Ganga)

FLOOD FORECASTING ON RIVERS COMMON TO INDIA AND NEPAL DURING XII PLAN

S.N.	Description of items	XII Plan Provision	
		Unit	Cost
1	Automatic Weather Station (AWS)	5 Nos.	0.64
2	Rainfall + Water Level Sensors	50 Nos.	5.00
3	Installation of equipment , cabin and related civil works including maintenance	50 Nos.	3.00
4	License Fee (DSL Cell, DoT)	LS	1.00
5	License Fee (ISRO Satellite Transponder)	LS	5.00
6	V-SAT unit	LS	0.05
7	V-SAT – Bandwidth charges	5 years	0.05
8	License Fee (WPC Cell-DoT) for 50 sites	Per link	0.90
9	Payment to Nepal for operation & maintenance of flood forecasting stations. Misc. items	LS	6.00
10	Meetings / visits / office equipment/ furniture etc. (CWC+ Ganga Wing)	LS	8.00
	Total		29.64


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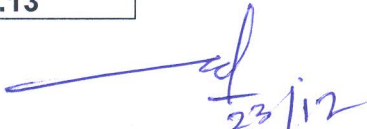
**HYDROLOGICAL OBSERVATIONS / FLOOD FORECASTING - BHUTAN, BANGLADESH,
CHINA AND ADJOINING INDIAN SIDE DURING XII PLAN**

Amount in Rs. crore

Sl. No.	Name of Activity	Quantity	Unit Rate	Funds Required during XII Plan
1	Payment to China			
	For hydrological information of river Brahmaputra		LS	3.50
	For hydrological information of river Sutlej		LS	1.00
2	Payment to Bhutan for HO/FF on Bhutanese Stations		LS	8.47
3	Modernisation of sites located in Bhutan	35 nos.	LS	3.79
4	Joint Hydrological observations with Bangladesh			
4.1	Joint Hydrological observations of river Ganga/Ganges from 1st Jan. to 31st May, every year at Hardinge Bridge, Bangladesh.	5 Yrs.	0.13	0.65
4.2	Joint Hydrological observations of river Tista from 1st Jan. to 31st May, every year at Dalia, Konia and Tistamukh in Bangladesh (Proposed)	5 Yrs.	0.35	1.05
5	HO/FF on Indian Sides adjoining neighbouring countries		LS	
5.1	Establishment			1.11
5.2	Construction of approach paths to sites	9 sites	LS	0.50
5.3	Repair existing office buildings(1no.) / construction of new office buildings (8nos.)/ land (12 sites/places)	LS	LS	2.50
5.4	Cableways	7 nos.	LS	1.50
5.5	Water level recorders (1), current meters, ADCP, WL sets, Boats (10) , Auto-levels (10) other misc. equipment		LS	2.96
5.6	Civil works at sites including upkeeping			2.30
5.7	Installation / Maintenance of FWS / Met Stations / Telemetry sytem	2 sites	Rs. 0.20 cr. / site	2.00
5.8	Hiring of Vehicles			0.50
6	Modernisation/ Operation / Maintenance of sites in Brahmaputra & Meghna Basins including measures of erosion / sediment control .	5 yrs.	LS	6.00
7	Study for integrated flood management in common border rivers / areas of India in Nepal / Bhutan/Bangladesh/China /Pakistan Sectors.			2.00
8	Performance evaluation studies of Scheme implemented during XI Plan			5.00
9	Expenditure on bilateral meeting with Nepal, Bhutan, Bangladesh, China and other neighbouring countries			7.69
	Total			52.52

PANCHESHWAR MULTIPURPOSE PROJECT

SN	Activity / Item	Amount (Rs. Cr.)
1	Regular Establishment Charges	10.52
2	Wages of work-charged staff	22.63
3	Works	9.01
4	Salary of drivers	1.50
5	R&M/hiring of Vehicles	1.46
6	Machinery & Equipment	3.20
7	Office exp/equipment/ Misc. works of CWC (HQ)	1.61
8	Office exp/equipment/ Misc. works of Ganga Wing, MOWR	0.20
	Total	50.13


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**MAINTENANCE OF FLOOD PROTECTION WORKS OF KOSI & GANDAK PROJECTS
(IN NEPAL), FLOOD PROTECTION/ANTI-EROSION WORKS IN THE BORDER AREAS WITH
BANGLADESH AND PAKISTAN BY STATES**

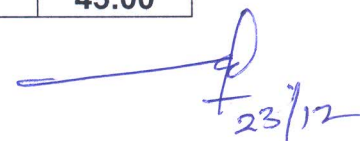
SN	State /UTs	Provision During XII Plan (Rs. in crore)
A	States	
I	Bangladesh Sector	
1	West Bengal	36.00
2	Tripura	35.00
	Assam	5.00
	Sub-Total	76.00
II	Pakistan Sector	
1	J&K	30.24
2	Punjab	30.00
	Sub-Total	60.24
III	Nepal Sector (Kosi, Gandak and Kosi Breach)	
1	Uttar Pradesh	22.00
2	Bihar	108.36
	Sub-Total	130.36
	Sub-Total (States)	266.60
B	Union Territories	
1	Puducherry	129.00
2	Lakshdweep	1.50
	Sub-Total (UTs)	130.50
	Total	397.10

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**PROVISIONS FOR ACTIVITIES OF GANGA FLOOD CONTROL COMMISSION (GFCC)
DURING XII PLAN**

Amount in Rs. crore

SN	Activity	Recurring Exp.	Non- Recurring Exp.	Total
1	Updation of comprehensive master Plans		0.90	0.90
2	Studies for assessment of adequacy of waterways		0.10	0.10
3	Monitoring of flood management projects / works		0.90	0.90
4	Evaluation of flood management projects /schemes		2.40	2.40
5	Modernisation of GFCC		0.90	0.90
6	Establishment of GIS Lab		0.35	0.35
7	Establishment of Satellite Data Repository	1.75	3.50	5.25
8	Establishment of new office		1.00	1.00
9	R&M Exp.	1.00		1.00
10	Exp. on Establishment	31.50		31.50
11	Misc. Exp.	0.70		0.70
	Total	34.95	10.05	45.00


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