

August 31, 2021

Mr. Rajat Kumar Mishra  
Additional Secretary  
Department of Economic Affairs  
Ministry of Finance  
Government of India  
North Block  
New Delhi - 110001

Dear Mr. Mishra:

***INDIA: National Hydrology Project (Loan No.8725-IN)  
Cancellation and Revision of Results Framework***

We refer to the Loan Agreement (“Loan Agreement”) between India (“Borrower”) and the International Bank for Reconstruction and Development (“Bank”), dated April 18, 2017 for the National Hydrology Project (“Project”), pursuant to which the Bank has extended the above captioned loan (“Loan”).

Cancellation

We also refer to the letter no.3/12/2014/FB-III dated July 15, 2021 from the Department of Economic Affairs, Ministry of Finance, requesting a cancellation of US\$15 million from the above captioned Loan.

In view of the foregoing, and in accordance with the provision of Section 7.01 of the International Bank for Reconstruction and Development General Conditions for Loans dated March 12, 2012, as modified and applicable to the Loan Agreement, the Bank hereby cancels, as of July 15, 2021, an amount of US\$15,000,000 of the Loan.

The withdrawal table set forth in Section IV.A.2 of Schedule 2 to the Loan Agreement has been revised accordingly and the revised withdrawal table is set forth in Annexure I.

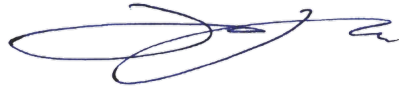
The commitment charges on the total amount cancelled cease to accrue from July 15, 2021.

Results Framework

We also refer to the letter no.3/12/2014/FB-III dated August 17, 2021 from the Department of Economic Affairs, Ministry of Finance, proposing a reallocation among the component of the Project and updating of the Results Framework of the Project.

We are pleased to inform you that the Bank concurs with the above request, therefore the Results Framework has been updated accordingly and the revised Results Framework is set forth in Annexure II.

Very truly yours,



Hideki Mori  
Acting Country Director, India

Enclosures:

Annexure I - Revised Withdrawal Table

Annexure II - Revised Results Framework

**Annexure I****Attachment to the Bank's Letter dated August 27, 2021**

**National Hydrology Project  
(Loan No.8725-IN)  
Revised Withdrawal Table**

<b>Category</b>	<b>Amount of the Loan Allocated (expressed in USD)</b>	<b>Percentage of Expenditures to be Financed (inclusive of Taxes)</b>
(1) Works, goods, non-consulting services, consultants' services, Incremental Operating Costs, and Workshops and Training under the Project	159,562,500	50%
(2) Front-end Fee	437,500	Amount payable pursuant to Section 2.03 of this Agreement in accordance with Section 2.07 (b) of the General Conditions
Amount Cancelled as of July 15, 2021	15,000,000	
<b>TOTAL AMOUNT</b>	<b>175,000,000</b>	

## Annexure II

## Attachment to the Bank's Letter dated August 27, 2021

**National Hydrology Project  
(Loan No.8725-IN)  
Revised Results Framework**

**Results framework**

COUNTRY: India  
National Hydrology Project

**Project Development Objectives(s)**

The proposed Project Development Objective (PDO) is to improve the extent, quality, and accessibility of water resources information and to strengthen the capacity of targeted water resources management institutions in India.

**Project Development Objective Indicators by Objectives/ Outcomes**

Indicator Name	PBC	Baseline	Intermediate Targets									End Target
			1	2	3	4	5	6	7	8	9	
<b>Project Development Objective Indicators (Action: This Objective has been Revised)</b>												
Water resources monitoring stations operated by implementing agencies providing validated data online (Number)		0.00	0.00	0.00	500.00	1,000.00	2,200.00	4,000.00	6,500.00	7,630.00	7,630.00	7,630.00
<b>Action: This indicator has been Revised</b>	<b>Rationale: The values have been revised so that the indicator value reflects only incremental number of stations funded by NHP. The baseline has been updated to zero and end target is reflecting incremental numbers.</b>											

Indicator Name	PBC	Baseline	Intermediate Targets									End Target
			1	2	3	4	5	6	7	8	9	
Surface water stations (Number)		0.00	0.00	0.00	100.00	200.00	400.00	800.00	1,200.00	1,560.00	1,560.00	1,560.00
<b>Action: This indicator has been Revised</b>												
Groundwater stations (Number)		0.00	0.00	500.00	700.00	1,000.00	1,400.00	2,400.00	4,200.00	4,690.00	4,690.00	4,690.00
<b>Action: This indicator has been Revised</b>												
Meteorology stations (Number)		0.00	0.00	0.00	100.00	300.00	400.00	800.00	1,100.00	1,380.00	1,380.00	1,380.00
<b>Action: This indicator has been Revised</b>												
Information products produced under the project made available to the relevant stakeholders (Number)		0.00	0.00	0.00	2.00	2.00	5.00	15.00	35.00	45.00	45.00	45.00
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b>	<b>The values have been revised so that the indicator value reflects only incremental number of Information products produced under the project made available to the relevant stakeholders made by NHP and baseline has been updated to zero. The indicator would count products that have national or basin wide relevance.</b>										
Water Resources Institutions achieving		0.00	0.00	0.00	1.00	3.00	5.00	8.00	11.00	15.00	15.00	15.00

Indicator Name	PBC	Baseline	Intermediate Targets									End Target
			1	2	3	4	5	6	7	8	9	
benchmark performance levels (Number)												
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b> <i>The indicator will now count only Water resources institutions achieving benchmark performance levels as a result of NHP support, accordingly the baseline value nil. Sub-indicator was meant to measure the incremental performance of institutions accounted in baseline. This indicator would be now redundant therefore is proposed to delete.</i>											
Institutions upgraded to next performance level (Number)		0.00	0.00	0.00	2.00	5.00	5.00	7.00	10.00	12.00	15.00	15.00
<b>Action: This indicator has been Marked for Deletion</b>	<b>Rationale:</b> <i>This indicator was meant to measure the incremental performance of institutions accounted in baseline. Since baseline is now zero, this is now redundant and therefore being deleted.</i>											

### Intermediate Results Indicators by Components

Indicator Name	PBC	Baseline	Intermediate Targets									End Target
			1	2	3	4	5	6	7	8	9	
<b>Intermediate Results Indicators (Action: This Component has been Revised)</b>												
Water data centers functioning satisfactorily (Number)		0.00	0.00	0.00	1.00	2.00	2.00	4.00	7.00	14.00	20.00	20.00
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b> <i>The indicator will now count data centers strengthened under NHP, accordingly the baseline value of 10 is set to zero and end target is updated from 30 to 20.</i>											

Indicator Name	PBC	Baseline	Intermediate Targets									End Target
			1	2	3	4	5	6	7	8	9	
Water resources monitoring stations along with historical data standardized and integrated with the national platform (Number)		0.00	0.00	10,000.00	30,000.00	40,000.00	50,000.00	55,000.00	60,000.00	70,000.00	70,000.00	70,000.00
<b>Action: This indicator is New</b>	<b>Rationale:</b> <i>This indicator is measuring major outcome of project towards development of national water resources information system in association with the states across the country. The project is enabling not only standardization of database across the country but also making it available at a single platform by integrating historical as well as real time data with the agencies across the country..</i>											
WRIS users satisfied with the services (Percentage)		0.00	10.00	10.00	20.00	30.00	35.00	40.00	45.00	50.00	50.00	50.00
Page views to access the information at WRIS (Number (Thousand))		400.00	410.00	420.00	440.00	470.00	500.00	520.00	650.00	780.00	900.00	900.00
Water resources applications developed (Number)		0.00	1.00	2.00	3.00	5.00	5.00	5.00	8.00	10.00	12.00	15.00
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b> <i>Agencies are proposing to develop various range of applications instead of limiting to water availability which was original indicator. This indicator has been revised to account for development of various range of applications developed under the project including water resources availability (original indicator), irrigation benchmarking and water accounting applications.</i>											
Advanced flood forecasting systems developed for river basins (Number)		0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.00	4.00	7.00	7.00

Indicator Name	PBC	Baseline	Intermediate Targets									End Target
			1	2	3	4	5	6	7	8	9	
<b>Action: This indicator has been Revised</b>			<p><b>Rationale:</b>  <i>Earlier this indicator was measuring number of forecasting stations across the country. The generic solutions are now able to provide streamflow forecast at any point in a river reach and it will be now counted as knowledge product in PDO indicator. The revised indicator would focus on development of advanced forecast systems including flood inundation and integrated reservoir operation systems guided by weather forecast. Therefore value of indicator has been revised from 250 number of stations to 7 river basins.</i></p>									
Targeted professionals trained (Number)		0.00	50.00	100.00	300.00	400.00	600.00	700.00	1,200.00	1,500.00	2,000.00	2,000.00
<b>Action: This indicator has been Revised</b>			<p><b>Rationale:</b>  <i>No major change excepting for the description about the methodology for measurement of target. Considering the training setup and capacity building arrangements particularly under COVID, it is realized that number of days for training effectiveness are meaningless. The trainees who have been trained in domain applications will be accounted for.</i></p>									



cc:

Mr. Rajesh Khullar, Executive Director, The World Bank

Mr. Ritesh Kumar Singh, Senior Advisor to Executive Director, The World Bank

**Government of India**

Mr. Hanish Chhabra, Deputy Secretary (FB), Department of Economic Affairs, Ministry of Finance, New Delhi

Mr. Subodh Yadav, Joint Secretary (GW&IC), DoWR, RD&GR, Ministry of Jal Shakti

Mr. P. K. Kataria, Director General – SMU and PPG, Comptroller & Auditor General of India, Department of Economic Affairs, Ministries of Finance

Mr. Sukhbir Singh, Controller Aid, Accounts and Audit, Department of Economic Affairs, Ministries of Finance

Ms. Debashree Mukherjee, Additional Secretary, Department of Water Resources, River Development and Ganga Rejuvenation Ministry of Jal Shakti (MoJS)

Mr. Rakesh Kashyap, Senior Joint Commissioner I, National Project Monitoring Unit, National Hydrology Project, DoWR, RD&GR, Ministry of Jal Shakti

Mr. Vivek Chaudhary, Deputy Secretary, National Project Monitoring Unit, National Hydrology Project, DoWR, RD&GR, Ministry of Jal Shakti