

Mi/24/2020-HR NMCG
Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development & Ganga Rejuvenation
National Mission for Clean Ganga

1st Floor,
Major Dhyan Chand National Stadium
New Delhi-110001

Dated: 27th May 2025

Sub: Minutes of 63rd meeting of the Executive Committee (EC) of National Mission for Clean Ganga

Please find enclosed minutes of the 63rd meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) held on **21st May 2025** at 11:00 AM through hybrid mode, for kind information and necessary action.


(Satya Prakash Vashishth)
Executive Director (Admin.)

To

1. Joint Secretary (PFC-I/PF-States), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001
2. JS & FA, DoWR, RD & GR, MoJS, Shram Shakti Bhawan, New Delhi-110001
3. Adviser (WR&LR), NITI Aayog, Yojana Bhawan, Sansad Marg, New Delhi - 110001
4. Secretary, Department of Drinking Water & Sanitation, Uttarakhand, 43/6, Mata Mandir Road, Dharmapur, Dehradun, Uttarakhand-248001.
5. Principal Secretary (UD), Urban Development Department (UDD), 834, Bapu Bhawan, Lucknow- 226001.
6. Principal Secretary (UD & Housing), Urban Development and Housing Department (UDHD), Vikas Bhawan, Bailey Road, Patna, Bihar-800015.
7. Principal Secretary (UD), Urban Development Department (UDD), 4th Floor, Project Building, Dhurwa, Ranchi- 834004.
8. Principal Secretary (UD), Department of Municipal Affairs (DMA), Nagarayan, Sector-I, Block-DF-8, Bidhan Nagar, Kolkata-700064.
9. All Executive Directors/DDG of NMCG

Copy to: -

1. PS to Hon'ble Minister for Jal Shakti
2. PPS to Secretary (WR, RD & GR)
3. Project Director, SPMG Group, 105 (New No.545/941), Rajpur Road, Opp. RTO office, Dehradun 248001
4. Project Director, SMCG, Plot No. 18, Sector-7, Gomti Nagar, Lucknow- 226010
5. Project Director, SPMG Group (Secretary Urban Development), Government of Bihar, Vikash Bhawan, Bailey Road, Patna, Bihar – 800001
6. Project Director, SPMG Group Urban Development & Housing Department, Room no. 403, 4th Floor, Project Bhawan, Dhurwa, Ranchi, Jharkhand- 834004
7. Project Director, SPMG Group Unnayan Bhawan', 3rd Floor, DJ-11, Sector-II, Block-A, KMDA, Kolkata- 700091
8. PPS to DG, NMCG- for his kind information

**Minutes of 63rd meeting of the Executive Committee (EC) of
National Mission for Clean Ganga (NMCG) held on 21st May 2025 at
NMCG Office, New Delhi**

The 63rd meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) was held on 21st May 2025 at 11:00 AM at NMCG office, Delhi through hybrid mode under the Chairmanship of Director General (DG), NMCG.

Executive Director (Admin.), NMCG welcomed the Director General, NMCG, members of the Executive Committee and other officials present in the meeting. Thereafter, the agenda items were taken up for discussion.

Agenda Item No. 63.1: Minutes of 62nd meeting of the Executive Committee of NMCG held on 1st May 2025 for information.

The member-secretary informed the Executive Committee that the minutes of 62nd meeting of the Executive Committee of NMCG held on 1st May 2025 were under finalization.

Agenda Item No. 63.2: Action Taken Report on the decisions of the Executive Committee taken in the 62nd meeting held on 1st May 2025

The member-secretary informed the Executive Committee that the minutes of 62nd meeting of the Executive Committee of NMCG held on 1st May 2025 were under finalization.

Agenda Item No. 63.3: DPR for Tapping of Balance Drains & Augmentation of Sewage Pumping Stations (SPSs) at Agra City, Uttar Pradesh

The proposal was placed before Executive Committee (EC) for according approval to proposed 'I&D of balance drains & augmentation of Sewage Pumping Stations (SPSs) at Agra City' at an estimated cost of Rs. 126.41 crore. The project will help in abating the pollution in river Yamuna river due to untreated sewage inflow. The project details are following:

- i. DPR prepared by UPJN(Urban) & SMCG-UP
- ii. DPR appraised by Indian Institute of Technology-Roorkee
- iii. Pollution Abatement of Yamuna river (tributaries of Ganga river)
- iv. Financial Effect: Central Share as 100% of project cost
- v. Design Build Operate Transfer (DBOT) basis
- vi. Completion period – 21 Months with one-year operation and maintenance

vii. Major components: -

- a) I&D: 45 nos. (40 untapped & 5 partially tapped drains)
- b) I&D Sewer: 21.20 Km
- c) SPS/IPS: 08 nos. (New-05 nos. & Renovation-03 nos.)
- d) Rising Main: 15.56 Km
- e) Mechanical trash screen at 05 major drains.
- f) Operation & Maintenance for 01 years.

Discussion:

UPJN-Urban presented the proposal before the EC. EC enquired about several Agra city drains discharging into the Yamuna River. The state informed that there are 94 drains whose discharge is approx. 293 MLD flow and status of these drains is as per:

1. Of these 94 drains, 21 are fully tapped and 8 are partially tapped carrying 211 MLD sewage to different STPs for treatment.
2. 26 drains are proposed to be tapped under the Namami Gange Programme wherein 23 untapped drains and 3 partially tapped drains will be fully tapped and diverted to new STPs of 177.60 MLD capacity for treatment.
3. Balance 40 drain untapped and 05 partially tapped are directly discharging in Yamuna river.
4. 2 drains Belanganj Kali Mandir and Ambedkar Park have dried out.

Further, it has been informed that in Agra city, there are 10 existing STPs in Agra having a total installed capacity of 228.31 MLD, and 13 STPs of a total of 177.60 MLD are under construction; After completion of these STPs, the total treatment capacity in the city will be 406 MLD which is sufficient to address the sewage generation till 2040. UPJN Urban informed that with the tapping of the balance drains, there shall be no drain left discharging the sewage in the Yamuna River in Agra. It was also informed by the UPJN Urban that there is a direction of the Hon'ble Supreme Court in the matter of MC Mehta and this DPR is in compliance with the Hon'ble Supreme Court order. The Hon'ble Supreme Court in Writ Petition (Civil) No.13381/1984- M.C. MEHTA Vs Union of India & Others - and IA NOS. 171142/2019 AND 74770, 74771/2024 with IA NO. 60618 OF 2025 has directed to consider this proposal on priority for Yamuna pollution abatement works in Agra.

Decisions:

After detailed discussions, the Executive Committee (EC) decided to approve the proposal for according administrative approval and expenditure sanction (AA&ES) towards Tapping of Balance Drains & Augmentation of Sewage Pumping Stations (SPSs) at Agra City, Uttar Pradesh Namami Gange Program under DBOT mode at an estimated cost of Rs. 126.41 crore (including cost of O&M for 01 years) with the following conditions:

- i. *The SMCG/UPJN(Urban) shall carry out a detailed drone survey of Yamuna river in Agra and provide the certificate/undertaking that after this intervention no untreated drain shall discharge in river Yamuna from Agra town;*
- ii. *The observations of NMCG, TPA would be complied with by the State Government/ Executing Agency at the time of finalization of bid document/ at the time of execution and during O&M;*
- iii. *The project has been considered to be funded under National Ganga Plan (NGP)- Component Non-EAP Component of Namami Gange Program and shall follow NGM-II guidelines strictly;*
- iv. *NMCG logo and name to be inscribed at strategic locations of created infrastructures;*
- v. *There shall be no scope change without prior approval of NMCG. Executing Agency shall obtain NMCG approval before making any changes in the sanctioned scope.*
- vi. *Executing agency/SMCG must complete the work within stipulated time. The issue being monitored in matter before Hon'ble Supreme Court, the timeline limit should be followed rigorously and Hon'ble Supreme Court may be informed about the same.*
- vii. *EC also directed the Executing agency/SMCG that the tender works may be awarded within three months from the date of issue of AA&ES.*
- viii. *In addition, EC decided that installation of trash arresting rack and its regular O&M at the mouth of all drains and adequate provision for handling the solid waste in drains may also be made part of project proposal for implementation.*
- ix. *Any cost escalation over and above the sanctioned cost attributable to State Government, including due to delay in land acquisition, change in scope post approval etc., will be borne by State Government concerned.*
- x. *The costs include estimated O&M costs for 01 year only; After 01 year of O&M the project will be handed over to State for further O&M under State funding.*

Agenda Item No. 63.4: Revised Administrative Approval & Expenditure Sanction towards additional cost for Pollution Abatement Work for Rejuvenation of River Adi Ganga (Tolly Nullah), Kolkata, West Bengal Under Namami Gange Program

The Pollution Abatement work for Rejuvenation of River Adi Ganga (Tolly Nullah), Kolkata project was approved in the 46th EC meeting dated 23rd December 2022 amounting to Rs. 653.67 crores under the EAP component (World Bank funded). The tender was invited by the SPMG, West Bengal, and 3 bids were received. The L1 bid cost was Rs. 781.98 crores which is 26.46% above the value put to the tender. The L1 bid above 25% was placed for approval before the 59th EC as agenda item no. 59.12 on 30.12.2024 for consideration and approval. The EC directed that the State needs to carry out the component-wise cost comparison and provide justification concerning the submitted DPR cost, the TPA appraised cost, the AA&ES cost, and the State's recommended cost for consideration of EC. As per the directions, the executing agency (KMC) and SPMG, West Bengal prepared a justification for the higher market discovered value in

comparison to AA&ES and obtained an appraisal of the third-party agency (TPA). Accordingly, SPMG West Bengal has submitted the TPA report along with a justification report for consideration and approval of the revised cost.

The State informed that the L1 bid cost is justified as it has come through competitive bidding and it's on the lower side compared to the original DPR cost, which was submitted by SPMG for consideration, however during the Third Party Appraisal(TPA), the cost of the project was curtailed to Rs. 653.67 crores by TPA (IIT Roorkee) that became the sanctioned value conveyed through the AA&ES. The re-evaluation from the third party agency (IIT Roorkee) has confirmed with reasons that the obtained L1 bid market discovered value/price is justified and may be considered.

The agenda was placed before the EC for consideration of the revised project cost (including taxes and other statutory charges) from Rs 653.67 crore to Rs 817.30 crore. The total revised proposed project cost has increased by Rs. 163.63 crores from the original sanctioned cost.

PD, SPMG-WB mentioned that DPR estimates was based on SoR of year 2017 and the cost inflation index of 2017-18 was 272 and 2023-24 was 348, so the cost increased about 27.94% while the L1 bidder cost is 26.46% above the sanctioned amount. It was also mentioned that justification report of KMC has been reviewed and appraised by IIT Roorkee, which has opined that the tendered cost may be accepted. The cost of special pipes for trenchless work is Rs 720.20 lacs as the cost of micro-tunneling was not included in the TPA cost. The cost of Micro-tunnelling activity, is Rs. 62.4 Crore which is about Rs. 16.2 Crore more than the DPR-provision of Rs. 46.2 Crore.

The PD, SPMG mentioned that the pumping station bidder cost is higher than estimated cost by 14.41%. The L1 bidder has quoted more capex and less opex in respect of Pumping station. In case of Rising Main, the cost as quoted by the L-1 bidder is Rs. 46.8 Crore more than the DPR provision. This is because of:

- (a) the *Adi Ganga* basin is highly congested and spreading across 33 wards—covering approx. 31 Sq. Km,
- (b) there will be multiple hindrances/disturbances followed by two-stage (temporary and permanent) road restoration according to necessity at the sites,
- (c) there will be multiple bends & junctions of roads which shall cause installation of several air-valves & allied fittings,
- (d) temporary & permanent shifting of utilities like water supply line, ferrule connection, catchpit-gullypit connection, power-cables, telecom lines, gas lines etc. will incur undesirable delay,
- (e) further, idle hours of machinery and manpower owing to the availability of site for only 7 months as working period in a year, along with night shift
- (f) laying in sand-boiling prone areas and subsequent soil stabilisation.

Further, the L1 bidder cost of STP is Rs 34.30 Cr. more than the AA & ES cost.

It was deliberated that the complexity of the site should have been duly captured in the DPR itself.

It was also informed that in the original approval, the time limit for completion of the project was 30 months, including a trial run, whereas, in the tender, the time limit for completion of the project has been fixed as 36 months, including a trial run. The State requested that the time limit for completion of the project be considered as 36 months, including a trial run.

Decisions:

After detailed discussions, the Executive Committee (EC) decided to approve the proposal according to revised administrative approval and expenditure sanction (AA&ES) for the Pollution Abatement Work for Rejuvenation of River Adi Ganga (Tolly Nullah), Kolkata, West Bengal, Under Namami Gange Program. The revised cost of the project is Rs. 817.30 crores including 15-year O&M period and the project completion timeline is 36 months including 3 months' trial run. SPMG confirmed that after implementing this project, no untreated drains will fall in the river Adi Ganga from the considered zone, etc. Other terms and conditions of the originally issued AA&ES will also be applicable.

Agenda Item No. 63.5: Proposal of Scientific Study for Reduced Flow Condition of Niranjana (Falgu) River, Jharkhand & Bihar for River Rejuvenation including Immediate Measures/ Interventions like Afforestation/ Ecological Restoration, Ground Water Recharge Trenches & Water Bodies Rejuvenation with groundwater recharge through abandoned or defunct bore wells in Jharkhand & Bihar

The Agenda was not discussed during this meeting and it was decided to take up this Agenda in the next EC meeting.

Agenda Item No. 63.6: Proposal "Monitoring of Performance and Presentation of Guidelines for Johkasou Technology Based on site Sewage Treatment in India

Executive Committee considered the proposal submitted by IIT (Roorkee) regarding Monitoring of Performance and Presentation of Guidelines for Johkasou Technology Based on site Sewage Treatment in India and approved the proposal with following conditions:

1. Monitoring of 100 Johkasou systems would be done in the project with the condition that only those systems would be taken which have been in operation for more than two years;

2. In case the 100 Johkasou systems satisfying above condition are not there or cannot be taken up for any reason, the cost of the project would be reduced on *pro rata* basis except for the fixed/mandatory cost which cannot be proportionately reduced.
3. Institutional overheads to be given to IIT (Roorkee) to be reduced from 20 per cent to 10 per cent and the same will be a normal standard for all the institutes handling NMCG's projects.

The EC decided to approve the project proposal with a financial implication of 54,84,000/- (Fifty Four lakhs Eighty Four Thousand) subject to above mentioned conditions.

Agenda Item No. 63.7: “Environmental Flow Assessment For Kosi, Gandak And Mahananda Rivers’

Proposal:

IIT, Kanpur submitted a proposal for the duration of 3 years at an estimated cost of Rs. 7.02 crores only for estimation of e flow of the Kosi, Gandak And Mahananda river basins river. The proposal had the following scope of study:

1. Work Package 1: Fluvial Geomorphology
 - i. Geomorphic Mapping;
 - ii. Planform Dynamics;
 - iii. Data integration for habitat suitability;
 - iv. Geomorphic criteria for e-flow assessment
2. Work Package 2: Cross-Section Survey
3. Work package 3: Hydrological modelling
 - i. Hydrological Modelling Using SWAT for Historical Conditions;
 - ii. Flow Duration Curve (FDC) and Multivariate Copula-Based Low Flow Assessment;
 - iii. Climate Projections and Future Flow Scenarios
4. Work package 4: Biodiversity analysis
5. Work Package 5: Socio-cultural & Economic Assessments
6. Work Package 6: Data integration and E-flow assessment

(ii) **Project Proposal appraised by:** Central Water Commission.

(iii) **Executing Agency:** IIT, Kanpur

(iv) **Total Project Cost:** Rs 7.02 Crores

(v) **Project implementation duration:** 3 years (2025-2028)

(vi) **Central Government Share:** 100% central assistance under the Institutional Development Component of the World Bank.

Discussion: ED (T) while presenting the proposal informed the Committee about current status of e-flow monitoring network in the Ganga basin; e-flow assessment study by NIH, Roorkee between Hathinikund and Okhla barrages in Yamuna river, e-flow study done by GIZ for Ramganga basin, and study underway for rivers like Chambal, Tons, Sone and Damodar by NIH, Roorkee.

The Executive Committee was informed that with current ongoing e-flow study by NIH, Roorkee would cover major right bank tributaries of river Ganga, and these two proposals intends to cover major left bank tributaries of river Ganga in the states of UP and Bihar. He further intimated that these proposals were appraised by the Central Water Commission, and necessary modifications have been incorporated by project proponents.

Decision:

After discussions, the Executive Committee decided to approve the project at an estimated cost of Rs. 6.4 crores including 10% institutional charges

Agenda Item No. 63.8: ‘Assessment of Environmental Flows in the Ghaghra and Gomti River Basins’ project under Namami Gange programme.

Proposal:

IIT, Roorkee submitted a proposal for the duration of 3 years at an estimated cost of Rs. 8.43 crores only for estimation of e flow of the Ghagra and Gomti river basins river. The proposal had the following scope of study:

1. Collection of extensive databases of the river ecosystems (i.e., water quality, hydrologic & hydraulic, flora and fauna diversity, social) for hydrologic seasons using UAV and ground monitoring.
2. Integrated modelling of human water demand and riverine ecosystem protection under changing climate, LULC scenarios, and various management options using a cascade of models (i.e., SWAT, QUAL2K, HEC-RAS, PHABSIM, and WEAP).

3. Evaluation of the assessment methodology and its further fine-tuning and its implementation at the study area.
4. Interpretation of the inter-relationship between flow hydrology and eco-system functions and flow regimes characteristics.
5. Assessment of e-flows for the Ghaghara and Gomti river basins.
6. Recommendations of the best management practices (BMPs) for maintaining river e-flow restoration.

(ii) **Project Proposal appraised by:** Central Water Commission.

(iii) **Executing Agency:** IIT, Roorkee

(iv) **Total Project Cost:** Rs 8.43 Crores

(v) **Project implementation duration:** 3 years (2025-2028)

(vi) **Central Government Share:** 100% central assistance under the Institutional Development Component of the World Bank.

Discussion: ED (T) while presenting the proposal informed the Committee about current status of e-flow monitoring network in the Ganga basin; e-flow assessment study by NIH, Roorkee between Hathinikund and Okhla barrages in Yamuna river, e-flow study done by GIZ for Ramganga basin, and study underway for rivers like Chambal, Tons, Sone and Damodar by NIH, Roorkee.

The Executive Committee was informed that with current ongoing e-flow study by NIH, Roorkee would cover major right bank tributaries of river Ganga, and these two proposals intends to cover major left bank tributaries of river Ganga in the states of UP and Bihar. He further intimated that these proposals were appraised by the Central Water Commission, and necessary modifications have been incorporated by project proponents.

Decision:

After discussions, the Executive Committee decided to approve the project at an estimated cost of Rs. 8.42 crores including 10% institutional charges.

Agenda Item No. 63.9: “Conservation and Management of Ramsar Site ‘Asan Wetland’ in Dehradun District of Uttarakhand” under Namami Gange Mission-II.

Proposal:

Officials from the State Wetland Authority, Uttarakhand presented a proposal for the conservation of the Asan Wetland in Dehradun district. The Asan Conservation Reserve, a Ramsar Site and Important Bird Area (IBA), supports rich biodiversity and serves as a key stopover for migratory and threatened bird species along the Asian, European, and Eurasian

flyways. The project aims to restore the wetland's ecological character through integrated management, community involvement, and adherence to Ramsar guidelines. The two-year project (2025–2027) is proposed at a total cost of ₹7.60 crore, with ₹3.11 crore allocated for Phase I (ending March 2026) and ₹4.49 crore for Phase II (2026–2027).

Discussion:

The members expressed concerns regarding the current proposal's emphasis. It was noted that the project placed insufficient focus on core wetland conservation measures, while greater attention was given to eco-tourism promotion, livelihood enhancement, awareness generation, and pollution control activities.

In response, the State Wetland Authority, Uttarakhand clarified the project components as follows:

- Components 1 & 2: Directly relate to wetland conservation planning, inventory, and assessment—forming the fundamental basis for conservation initiatives.
- Components 3, 4 & 5: Though not directly focused on conservation, these components support ancillary activities that contribute indirectly to wetland protection.

Following detailed deliberations, the DG, NMCG recommended a phased approach for project implementation:

- Immediate approval and implementation of Component 1: Wetland Inventory, Assessment and Monitoring System (WIAMS) and Component 2: Development of Plans, which are aligned with conservation priorities.

Decision:

After detailed discussions, the Executive Committee (EC) approved Component 1: Wetland Inventory, Assessment and Monitoring System (WIAMS), with a financial outlay of ₹212.00 lakh, and Component 2: Development of Plans, with a financial outlay of ₹35.00 lakh, under the project titled “Conservation and Management of Ramsar Site ‘AsanWetland’ in Dehradun District of Uttarakhand,” as part of the Namami Gange Mission – II.

The total sanctioned cost for these approved components is ₹2.47 crore, to be implemented over a period of one year.

The meeting ended with vote of thanks to the Chair.
