Sub: Minutes of 12th Meeting of the Executive Committee (EC) of National Mission for Clean Ganga held on 29th May, 2018.

Please find enclosed the minutes of 12th Meeting of the Executive Committee (EC) of National Mission for Clean Ganga held on 29th May, 2018 at 11:00 AM in NMCG office, New Delhi for information and necessary action.

Hitesh Kumar S. Makwana
Executive Director (Projects)

To,

1. Joint Secretary (PFC-I/PF-States), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001
2. Shri Jitender Kumar/Dr. Yogesh Suri, Adviser, NITI Aayog, Yojana Bhawan, Sansad Marg, New Delhi-110001
3. Secretary, Department of Drinking Water & Sanitation, Uttarakhand, 43/6 Mata Mandir Road, Dharampur, Dehradun, Uttarakhand-248001.
4. Principal Secretary (UD), Urban Development Department (UDD), 834, Bapu Bhawan, Lucknow-226001.
5. Principal Secretary (UD & Housing), Urban Development and Housing Department (UDHD), Vikas Bhawan, Bailey Road, Patna, Bihar-800015.
6. Principal Secretary (UD), Urban Development Department (UDD), 4th Floor, Project Building, Dhorwa, Ranchi - 834004.
7. Principal Secretary (UD), Department of Municipal Affairs (DMA), Nagarayan, Sector-I, Block-DP-8, Bidhan Nagar, Kolkata-700064.
8. All EDs of NMCG.

CC:

1. Project Director, SPMG Group 117 Indira Nagar Dehradun 248001 Uttarakhand
2. Project Director, SPMG Group 834, Bapu Bhawan Sachivalya, Lucknow, 226001.
3. Project Director, SPMG Group (Secretary Urban Development), Government of Bihar, Vikash Bhawan, Bailey Road, Patna, Bihar – 800001.
4. Project Director, SPMG Group Urban Development & Housing Department, Room no. 403, 4th Floor, Project Bhawan, Dhorwa, Ranchi, Jharkhand-834004.
5. Project Director, SPMG Group Unnayan Bhawan’, 3rd Floor, DJ-11, Sector-II, Block-A, KMDA, Kolkata- 700091.
6. PS to DG, NMCG- for his information.
Minutes of 12th meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) held on 29th May, 2018 in NMCG Office, Delhi

Executive Director (Projects) welcomed the members of the Executive Committee and officials from the state and other agencies present for the meeting.

After welcoming the members presents for the meeting DG, NMCG asked for the agenda items to be taken up:

**Agenda No. 1: “Presentation by IIHS –“Citywide and sustainable sanitation diagnostics study – Key Findings for Patna and Allahabad Cities”**

IIHS made presentation on “Citywide and sustainable sanitation diagnostics study – Key Findings for Patna and Allahabad Cities” has covered various revenue generation sources of Patna & Allahabad Municipal Corporation and ways & means for making sewer system sustainable for these towns.

DG, NMCG also directed that the report should be finalized and submitted to World Bank and NMCG for further action.

Detailed discussions were also held about the capacity building of city managers and other functionaries in ULBs. It was agreed to develop suitable training modules & training plan to cover the entire range of total sanitation solution, urban river management plan, etc. Suitable institutions such as NIUA, IIHS, IIMs, etc would be engaged with for taking up such activities.

**Agenda no. 2: “Revised Administrative Approval and Expenditure Sanction towards additional cost for Rajamahal Sewerage and STP scheme”**

- The AA&ES was issued for an estimated cost of Rs 50.23 Crore.
- The project was bided out and after 3 times of bidding 2 bidders participated.
- The L1 bid received is Rs 52.97 Crore which is found to be 12.72% higher than the respective value put to bid.
- Accordingly state govt. requested additional cost of Rs 6.53 Crore leading to revised AA&ES cost as Rs 56.76 Cr.(including 10 years O&M)
- Main Reasons for Additional Cost: Change in SOR from 2016 till 2018 and GST application which lead to an overall change of 16% over and above of estimated cost. Hence 12.72% of additional cost is justified.
- Third Party Appraisal for the project was done by IIT-Kharagpur
- Completion Time: 24 Months
- Financial Effect: 100% Central Sector
- Project Components: Sewer Network 34.21 km, STP capacity 3.5 MLD, 3 intermediate pumping station and 1 main pumping station, 10 new LCS units of 20 seater each and renovation of 9 existing LCS, Nala Restoration and purchasing of sewer cleaning equipment’s etc.

*After detailed discussion and the justification provided by the SPMG regarding the additional cost which was mostly due to change in SOR and application of GST to a tune*
of 16% the Executive Committee (EC) resolved to approve the additional cost of Rs 6.53 Crore leading to total cost of the project as Rs 56.76 Crores (Including cost of O & M for 10 years —Rs 12.46Crores) to be implemented on DBOT mode. It was also resolved that the observations of NMCG, should be complied by the State Governments/Executing Agency while executing the works and during O & M. O & M for 10years after commissioning will form part of the project scope and in subsequent years, State Governments ULB will ensure the O & M of the sewerage system as per the norms. The project is funded under EAP Component (World Bank funded). The State Government should ensure the availability of land in their possession before awarding the works.

**Agenda Item No. 3** DPR of interception & Diversion (I&D) works of drains discharging in Saryu River at Ayodhya, District, Faizabad, Uttar-Pradesh

- I&D of Nala
- Sewer laying from Gola ghat to I.P.S. at Rajghat
- Sump well
- Rising main
- Operation & Maintenance for 15 years

After detailed discussion, Executive Committee (EC) resolved to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for I&D works (with O&M for 15 years) at Ayodhya for district, Faizabad, Uttar Pradesh under Namami Gange Program for an estimated amount of Rs 37.67 Crores (including cost of O & M for 15 years – Rs 20.31 Crores) to be implemented on Design Build Operate Transfer (DBOT) basis.

Project has been approved subjected to the consideration that SPMG may submit the relevant document of O&M of existing STP and optimization of O&M cost for the I&D structures. Since these I&D structures shall be feeding to the existing STP, the performance and O&M mechanism of existing STP is critical for this project.

It was also resolved that the observations of NMCG, TPA should be complied by the State Government/ Executing Agency at the time of finalization of bid document/ at the time of execution and during O&M. The cost towards O&M of the project assets, post commissioning, for 15 years has been included in the project scope. O&M beyond project scope i.e. after 15 years shall be the responsibility of State Government/ ULB at its own cost. The project has been considered to be funded under NGP Component – New Initiatives of Namami Gange Program. The State Government should ensure the availability of land in their possession before awarding the works. State need to submit a revised DPR, before bidding, incorporating Third Party Agency’s recommendations.

**Agenda Item No 4:** DPR of interception & diversion (I&D) network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur Municipality, West Bengal, Under Namami Gange Program.

- Total of 13 I&D structures
- I&D network 11.38 Km
- STPs- 2 nos. (5 MLD Raghunathganj and 8 MLD Jangipur)
- MPS- 2 nos.
- LS- 2 nos.
- Laboratory for Effluent testing and Online Monitoring System
- Operation & maintenance for 15 years

After detailed discussion, Executive Committee (EC) resolved to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for I&D and Development of Sewage Treatment Plant (5 MLD & 8 MLD STP with O&M for 15 years) in Jangipur Municipal Area, West Bengal under Namami Gange Program for an estimated amount of Rs 68.47 Crores (including cost of O & M for 15 years –Rs 31.81 Crores) to be implemented on Design Build Operate Transfer (DBOT) basis.

PD SPMG, West Bengal apprised EC that adjacent to municipal limit of Jangipur, drains from Gram Panchayats namely Char Dafarpur & Teghor are directly falling into river. PD SPMG stated that management of fecal sludge of Jangipur municipality also required. EC stated that after implementing this project no drains should fall in river from Jangipur area including Gram panchayats area etc. Thus all drains of Jangipur area has to be covered in this project. SPMG West Bengal may incorporate the tapping of these drains from Gram panchayat areas and fecal sludge management in scope of this project at the time of preparation of bid document and after finalizing the contract revised AA&ES may be issued.

It was also resolved that the observations of NMCG, TPA should be complied by the State Government/ Executing Agency at the time of finalization of bid document/ at the time of execution and during O&M. The cost towards O&M of the project assets, post commissioning, for 15 years has been included in the project scope. O&M beyond project scope i.e. after 15 years shall be the responsibility of State Government/ ULB at its own cost. The project has been considered to be funded under NGP Component – New Initiatives of Namami Gange Program. The State Government should ensure the availability of land in their possession before awarding the works. State need to submit a revised DPR, before bidding, incorporating Third Party Agency’s recommendations.

Agenda Item No. 5: Intimation to EC for consideration of revised proposal on “Developing River Biodiversity Park and Turtle Conservation Program along with Ganga-Yamuna System in Allahabad”

Consultant (Bio-diversity) explained the rationale behind the proposed project. The proposal on “Developing River Biodiversity Park and Turtle Conservation Program along with Ganga-Yamuna System in Allahabad” was submitted by TSA Foundation India in association with District Administration, Allahabad on 31 March, 2017 to NMCG through the State Project Management Group (SPMG) Uttar Pradesh and it was approved in the 6th Executive Committee (EC) meeting of NMCG, which was held on 29th September 2017.

The project was originally proposed to be based at Triveni Pushp, an abundant facility of Allahabad District Administration, governed by Allahabad Development Authority. After change in administration and revised decision given by district administration Allahabad and receiving consent from Forest Department, Government of UP, a revised proposal was
submitted by TSA Foundation India to Project Director, SPMG, U. P on 06 February 2018, which was further submitted to NMCG on 20 April 2018.

The revised project proposal doesn’t bring in any change in the output of the project. Following are the few points for consideration.

1. There is no change in total project cost amount Rs. 1,34,39,102/- total
2. Changed the location from Triveni Pushp Park to Minto Park
3. TSA Foundation India and Forest Division, Allahabad will be executive agencies in place of TSA Foundation India and District Administration, Allahabad
4. In revised proposal dated 6th February 2018, summary of the cost of the project, S.N 1.7 only activities has been changed from “the restoration of existing area, building, boundary wall landscaping (and excluding Rain Basera from Park) to fencing to separate biodiversity park from bigger (Minto) park to guide the tourism influx”. Cost of S.N. 1.7 is same i.e. Rs 1,00,000.

After detailed discussion, Executive Committee (EC) considered the above mentioned proposal submitted by SPMG, Uttar Pradesh and approved for the same issuing revised AA&ES accordingly.

Agenda item no. 6: Revised approval for Rehabilitation of existing sewage treatment infrastructure along with the development of new Sewage Treatment Plants (STPs) and Tertiary Treatment Plant (TTP) in Mathura in the state of Uttar Pradesh with O&M for 15 years under Namami Gange Programme under Hybrid Annuity Based PPP mode.

The Mathura Sewage Project was originally approved in the 7th EC Meeting held on 17th October 2017 at an estimated cost of Rs.384.49 Cr. This also included a 20 MLD Tertiary Treatment Plant (TTP) for supplying treated water to IOCL and the cost of Rs179.52 Crores to be borne by IOCL. Accordingly the AA & ES was issued only for the STP component at a cost of Rs 204 Cr. Based on the in principle agreement from IOCL, UP Jal Nigam has invited tenders for the entire project and the work has been awarded under Hybrid Annuity based PPP mode. Approval of EC was sought for the revised cost of development & Operation of project including the TTP on the basis of Bid Project Cost. The project details are as follows:

- Project Cost: Rs. 460.45 Crore including O & M for 15 year.
- Project Components:
  - a. Construction of 30 MLD STP at Masani.
  - b. Laying of Rising Main 12.73 KM.
  - c. Construction/renovation of Sewage Pumping Station (SPS) - 9
  - d. Rehabilitation/renovation of Sewage Treatment plant (STP) – 3Nos, 16 MLD, 14.8 MLD, 6.8 MLD
  - e. Nala tapping arrangement including gravity Header – 20 Nos, 4,775 KM
  - f. Construction of 20 MLD TTRO plant, Rising Main and Pumping station for Mathura Refinery of Indian Oil Corporation Limited (IOCL).
  - g. Operation & Maintenance for 15 year.
h. Completion Time – 24 Months.

- Financial effect: The project will be under 100% centre funding. However, the O & M cost and Power consumption charges for operation of 20 MLD TTP amounting to Rs 82.37 Crores is to be borne by IOCL. IOCL will also pay a water tariff of Rs 8.70 per KL for the actual water consumed towards for covering a portion of capital cost during 15 year period.

After detailed discussion and explanation EC resolved to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for the revised cost of the Rehabilitation/ renovation of existing treatment infrastructure, construction of new STP’s, 20 MLD TTP and Pumping Stations at Mathura, Uttar Pradesh including O&M cost and power consumption charges for a period of 15 years at a cost of Rs. 460.45 Crs. Out of this the O & M cost and power charges of Rs 82.37 Cr for the operation of 20 MLD TTP will be borne by IOCL. The project will be funded under the NGP component.