

**EDA/2016-17/717/NMCG-EC Meeting**  
**National Mission for Clean Ganga**  
Ministry of Water Resources, River Development &  
Ganga Rejuvenation

1<sup>st</sup> Floor,  
Major Dhyan Chand National Stadium  
India Gate, New Delhi-110002

**Dated: 26<sup>th</sup> July, 2017**

**Sub: Minutes of 4<sup>th</sup> Executive Committee Meeting (EC) of NMCG held on 21<sup>st</sup> July, 2017.**

Please find enclosed the minutes of the 4<sup>th</sup> Executive Committee (EC) Meeting of NMCG held on held on 21st July, 2017 at 03:00 PM in the conference Hall of NMCG, New Delhi for information and necessary action.

  
26.7.17

**Rajiv Kishore**

**Executive Director (Administration)**

**Contact: 011-23049440**

**To,**

1. Shri Sandeep Dave, Joint Secretary, Department of Expenditure, Ministry of Finance, North Block, New Delhi- 110001
2. Shri Jitender Kumar, Adviser, NITI Aayog, Yojana Bhawan, Sansad Marg, New Delhi-110001
3. Principal Secretary (UD), Directorate of Urban Development (DUD), Uttarakhand, 43/6 Mata Mandir Road, Dharampur, Dehradun, Uttarakhand-248001.
4. Secretary (UD), Urban Development Department (UDD), 834, Babu 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), Department of Municipal Affairs (DMA), Nagarayan, Sector-I, Block-DF-8, Bidhan Nagar, Kolkata-700064
7. Deputy Director General, NMCG
8. Executive Director (Finance), NMCG
9. Executive Director (Projects), NMCG
10. Executive Director (Technical), NMCG

**Copy to:-**

1. Project Director, SPMG Group 117 Indira Nagar Dehradun 248001 Uttarakhand
2. Project Director, SPMG Group (Secretary Urban Development), Government of Bihar, Vikash Bhawan, Bailey Road, Patna, Bihar – 800001
3. Project Director, SPMG Group 834, Babu Bhawan Sachivalya, Lucknow, - 226001.
4. Project Director, SPMG Group Nagarayan Bhawan (6th Floor), DF-8, Sector-I, Salt Lake, Kolkata – 700064
5. PS to Director General, NMCG- for his kind information.

**Minutes of 4<sup>th</sup> meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) held on 21<sup>st</sup> July 2017 in NMCG Office, Delhi**

The 4<sup>th</sup> meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) was held on 21<sup>st</sup> July 2017 at 15.00 hours under the Chairmanship of Director General (DG) of NMCG. List of participants is enclosed at **Annexure-I**.

ED (Admin) welcomed DG/NMCG and the participants of the meeting after which DG asked Executive Director (Project) to start the discussion on Agenda.

**Agenda1: "Interception, Diversion of Drains & Sewage Treatment Works at Unnao in Uttar Pradesh under Namami Gange Program"**

- DPR appraised by IIT-Roorkee
- Project Cost: Rs 102.20Cr. including O & M for 15 years
- Land: to be provided by State Government
- Project Components:
  1. Nala Tapping - 01 Nos. (Dakkari Drain)
  2. Interceptor Trunk Sewer 1100 mm dia. – 3.2 Km
  3. Sewage Treatment Plant – 1 No (13 MLD)
  4. Main Pumping Station – 1 No.
  5. Rising mains 750 mm dia. – 50 m + 50 m bypass
  6. Effluent Channel – 300 M
  7. O & M -15 years for I & D and STP work
- Completion Time: 33Months including bidding period
- Financial Effect: 100% Central Sector
- Bidding Process: Hybrid Annuity Based PPP model

*After detailed discussion Executive Committee (EC) resolved to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for I&D and STP works at Unnao for an estimated amount of Rs 102.20 Cr. (Including cost of O & M for 15 years –Rs 55.25 Cr) to be implemented on Hybrid Annuity based PPP mode. It was also resolved that the observations of NMCG, TPA and World Bank 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. O & M for 15 years after commissioning will form part of the project scope and in subsequent years, State Government/ ULB will ensure the O & M of I& D system as per the norms. The project has been considered to be funded under EAP Component – World Bank assisted project (Component A of Namami Gange) subject to the NOC received from World Bank for this project, otherwise the funding will be from National Ganga Plan (NGP). The State Government should ensure the availability of land in their possession before awarding the works.*

**Agenda2: "Interception, Diversion of Drains & Sewage Treatment Works at Shuklaganj, Dist. Unnao in Uttar Pradesh Under Namami Gange Program"**

- DPR appraised by IIT-Roorkee
- Project Cost: Rs65.18Cr. including O & M for 15 years
- Land: to be provided by State Government
- Project Components:
  1. Nala Tapping - 02 Nos.[Ganga Vishnu Drain & Indira Nagar Drain]
  2. Interceptor Trunk Sewer 450 mm dia. – 50 m
  3. Sewage Treatment Plant – 1 No (06 MLD)
  4. Main Pumping Station 8 m dia. – 1 No.
  5. Rising mains 500 mm dia. – 50 m + 50 m bypass
  6. Effluent Channel – 100 m
  7. O & M -15 years for I & D and STP work
- Completion Time: 31Months including bidding period
- Financial Effect: 100% Central Sector
- Bidding Process: Hybrid Annuity Based PPP model

*After detailed discussion Executive Committee (EC) resolved to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for I&D and STP works at Shuklaganj, Unnao for an estimated amount of Rs65.18 Cr. (including cost of O & M for 15 years –Rs37.35 Cr.) to be implemented on Hybrid Annuity based PPP mode. It was also resolved that the observations of NMCG, TPA and World Bank 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. O & M for 15 years after commissioning will form part of the project scope and in subsequent years, State Government/ ULB will ensure the O & M of I& D system as per the norms. The project has been considered to be funded under EAP Component – World Bank assisted project (Component A of Namami Gange) subject to the NOC received from World Bank for this project, otherwise the funding will be from National Ganga Plan (NGP). The State Government should ensure the availability of land in their possession before awarding the works.*

Agenda Item No. 3, 4 & 6 were proposed by ED (T) regarding pilot project for the treatment of drain using bioremediation technique. The proposals were discussed and it was felt that original proposal on which financial concurrence were taken had cost estimates at price level of December, 2016 and therefore needs to be re-validated by technology proponents. Therefore it was decided that fresh approval may be taken before putting the proposal in next Executive Committee (EC) meeting.

**Agenda Item No. 5“A Detail Study to Understand the Non-Putrefying Property of River Ganga in both Water and Sediment”**

- DPR - CSIR-NEERI & ICMR
- Project Cost: Rs. Rs. 496.20 Lakh
- Completion Time: 24 Months
- Financial Effect: 100% Central Sector

*After detailed discussion, Executive Committee (EC) approved the proposal for according administrative approval and expenditure sanction (AA&ES) for “A Detail Study to Understand the Non-Putrefying Property of River Ganga in both Water and Sediment” for an estimated amount of ₹ Rs. 496.20 Lakh, subject to condition the observations of NMCG / TPA should be complied by the CSIR-NEERI & ICMR. The project has been considered to be funded under National Ganga Plan (NGP).*

**Agenda Item No.7: “Interception, Diversion & Sewage Treatment Plant Works” for Sultanganj town under Namami Gange**

- DPR - Appraised by: NIT-Patna
- Project Cost: **Rs 60.22 Crore** including O&M for 15 years
- Land: To be provided by State Government
- Project Components: Construction 05 Nos. of nala tapping/ interception arrangements, 04 Nos. of Sewage Pumping Stations with E & M Works, Rising Main – 9892 m, , Construction of 01 Nos. of STPs - 10 MLD, Online flow & quality monitoring systems at inlet & outlet, 15 year Operation & Maintenance and Environment plan during construction and operation phase
- Completion Time: 18 Months (including bidding)
- Financial Effect: 100% Central Sector
- Bidding Process: Design Build Operate and Transfer (DBOT) model

*After detailed discussion, Executive Committee (EC) resolved to approve the proposal for according administrative approval and expenditure sanction (AA&ES) for I&D and STP works in Sultanganj town for an estimated amount of Rs 60.22 Crore (including cost of O&M for 15 years - Rs 37.33 Crore). 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. For the I&D and STP works, O&M for 15 Years after commissioning will form part of the project scope and in subsequent years, State Govt./ULB will ensure the O&M of I&D system as per the norms. The project has been considered to be funded under National Ganga Plan (NGP). The State Govt. should ensure the availability of land in their possession before awarding the works.*

*Since the project only involves I&D and STP works of very small capacity (10 MLD only) and clubbing with other towns is difficult due to remote location of the town from the other big towns nearby, the project will be executed following Design Build Operate and Transfer (DBOT) mode instead of Hybrid annuity based PPP mode.*

*During the discussion, it was informed that during Nirikshanabhiyan of Hon,ble Minister (WR, Rd & GR) held during 26th May 2017 to 13th June 2017, Hon,ble Minister has*

*desired that a distribution channel of River Ganga flowing northwards of Ajgabinath Temple and thereafter merging into main channel of River Ganga does not have flows during non-monsoon period during accumulation of silt at the mouth of distributing channel. The silt needs to be removed and some works related to channel restoration and flow guide vanes etc. are desirable so that river water is available at the Ghat abutting the river distributing bank. It was resolved that State Government of Bihar would prepare a proposal for taking up these works and submit the DPR towards their implementation for consideration by Executive committee.*

**Agenda Item No.8: “Interception, Diversion & Sewage Treatment Plant Works” For Mokama town under Namami Gange**

- DPR - Appraised by: NIT-Patna
- Project Cost: Rs 53.81 Crore including O&M for 15 years
- Land: To be provided by State Government
- Project Components: Construction 06 Nos. of nala tapping/ interception arrangements, 03 Nos. of Sewage Pumping Stations with E & M Works, Rising Main – 8375.57 m, , Construction of 01 Nos. of STPs - 08 MLD, Online flow & quality monitoring system at inlet & outlet, 15 year Operation & Maintenance and Environment plan during construction and operation phase
- Completion Time: 18 Months (including bidding)
- Financial Effect: 100% Central Sector
- Bidding Process: Design Build Operate and Transfer (DBOT) model

*After detailed discussion, Executive Committee (EC) resolved to approve the proposal for according administrative approval and expenditure sanction (AA&ES) for I&D and STP works in Mokama town for an estimated amount of Rs 53.81 Crore (including cost of O&M for 15 years - Rs 33.12 Crore). It was also resolved that the observations of NMCG, TPA to 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. For the I&D and STP works, O&M for 15 Years after commissioning will form part of the project scope and in subsequent years, State Govt./ULB will ensure the O&M of I&D system as per the norms. The project has been considered to be funded under National Ganga Plan (NGP). The State Govt. should ensure the availability of land in their possession before awarding the works.*

*Since the project only involves I&D and STP works of very small capacity (8 MLD only) and clubbing with other towns is difficult due to remote location of the town from the other big towns nearby, the project will be executed following DBOT mode instead of Hybrid annuity based PPP mode.*

**Agenda Item No-9: Foreclosure of Treatment Plant at Badrinath in Uttarakhand under GAP\_II**

*Due to change in highest flood level (HFL) of the river in 2013 natural calamity and approval of new project for the "Pollution Abatement works at Badrinath (Interception and Diversion with STP)" by NMCG in 2nd EC meeting, the said project is required fore-closure.*

*Since no financial expenditure has been incurred in this project, Executive Committee (EC) of NMCG has approved the fore-closure of the project and also instructed SPMG UK and UKPJN to execute the newly sanctioned project without delay.*

**Agenda Item No-10: Foreclosure of Treatment Plant at Karnaprayag in Uttarakhand under GAP\_II**

*Due to change in highest flood level (HFL) of the river in 2013 natural calamity and approval of new project for the "Pollution Abatement works at Badrinath (Interception and Diversion with STP)" by NMCG in 2nd EC meeting, the said project is required fore-closure.*

*Since no financial expenditure has been incurred in this project, Executive Committee (EC) of NMCG has approved the fore-closure of the project and also instructed SPMG UK and UKPJN to execute the newly sanctioned project without delay.*

**Agenda Item No-11: Foreclosure of Treatment Plant at Rudraprayag in Uttarakhand under GAP\_II**

*Due to change in highest flood level (HFL) of the river in 2013 natural calamity and approval of new project for the "Pollution Abatement works at Badrinath (Interception and Diversion with STP)" by NMCG in 2nd EC meeting, the said project is required fore-closure.*

*Since no financial expenditure has been incurred in this project, Executive Committee (EC) of NMCG has approved the fore-closure of the project and also instructed SPMG UK and UKPJN to execute the newly sanctioned project without delay.*

**Agenda Item No.12: "Interception, Diversion & Sewage Treatment Plant Works" For Naugachia town under Namami Gange**

- DPR - Appraised by: NIT-Patna
- Project Cost: Rs 60.79 Crore including O&M for 15 years
- Land: To be provided by State Government
- Project Components: Construction 09 Nos. of nala tapping/ interception arrangements, 06 Nos. of Sewage Pumping Stations with E & M Works, Rising Main – 17881.66 m, , Construction of 01 Nos. of STPs -09 MLD, Online flow & quality monitoring system at inlet & outlet, 15 year Operation & Maintenance and Environment plan during construction and operation phase
- Completion Time: 18 Months (including bidding)
- Financial Effect: 100% Central Sector
- Bidding Process: Design Build Operate and Transfer (DBOT) model

*After detailed discussion, Executive Committee (EC) resolved to approve the proposal for according administrative approval and expenditure sanction (AA&ES) for I&D and STP works in Naugachia town for an estimated amount of Rs60.79Crore (including cost of O&M for 15 years - Rs36.55Crore). It was also resolved that the observations of NMCG, TPA and World Bank 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. For the I&D and STP works, O&M for 15 Years after commissioning will form part of the project scope and in subsequent years, State Govt./ULB will ensure the O&M of I&D system as per the norms. The project has been considered to be funded under National Ganga Plan (NGP). The State Govt. should ensure the availability of land in their possession before awarding the works.*

*Since the project only involves I&D and STP works of very small capacity (9 MLD only) and clubbing with other towns is difficult due to remote location of the town from the other big towns nearby, the project will be executed following DBOT mode instead of Hybrid annuity based PPP mode.*

### **Additional Agenda Items:**

#### **Agenda Item No.01: “Development / Renovation of Ghats and Crematoria at Belurmath” in West Bengal under Namami Gange**

- DPR - Appraised by: IIT - Consortium
- Project Cost: Rs.10.02 Crore including O&M for 06 -Months
- Project Components:
- Development / Renovation of 02 Ghats
  - i. Renovation of Ferry Ghat
  - ii. Renovation of Old Mayer Ghat and
- Crematoria: Construction of one Electric Crematoria
- Completion Time: 15 Months (including bidding)
- Financial Effect: 100% Central Sector
- Land to be provided by the State Govt.

*After detailed discussion, Executive Committee (EC) approved the proposal for according administrative approval and expenditure sanction (AA&ES) for Development / Renovation of Ghats and Crematoria at Belurmath in West Bengal for an estimated amount of ₹10.02 Crore (including cost of O&M for 06 Months - ₹ 09.77Lacs), subject to condition the observations of NMCG / TPA should be complied by the CPSU and state Govt. at the time of finalization of Bid Document. The project has been considered to be funded under National Ganga Plan (NGP).*

- i. O & M for initial 06 months after commissioning will form part of the project scope.*
- ii. Issue pertaining land, consultations with local authorities and observations from the state need to be addressed and resolved before tendering with necessary evidence of such consultations*
- iii. CPSUs in Support with the state Government need to explore and put in place an endowment fund (with financial support coming in from public, ashram, industries, institutions, NGOs etc.) to take care of the O & M expenditure beyond GOI support period.*

**Agenda Item No.02: “Development / Renovation of Ghats at Dakshineswar” in West Bengal under Namami Gange**

- DPR - Appraised by: IIT - Consortium
- Project Cost: Rs. 14.26 Crore including O&M for 06 -Months
- Project Components:
- Development / Renovation of 03 Ghats
  - i. Renovation of Chanadni Ghat
  - ii. Renovation of Panchvati Ghat
  - iii. Renovation of Ferry Ghat
- Completion Time: 15 Months (including bidding)
- Financial Effect: 100% Central Sector
- Land to be provided by the State Govt.

*After detailed discussion, Executive Committee (EC) approved the proposal for according administrative approval and expenditure sanction (AA&ES) for Development / Renovation of Ghats at Dakshineswar in West Bengal for an estimated amount of ₹14.26 Crore (including cost of O&M for 06 Months - ₹ 11.10Lacs), subject to condition the observations of NMCG / TPA should be complied by the CPSU and state Govt. at the time of finalization of Bid Document. The project has been considered to be funded under National Ganga Plan (NGP).*

- i. O & M for initial 06 months after commissioning will form part of the project scope.*
- ii. Issue pertaining land, consultations with local authorities and observations from the state need to be addressed and resolved before tendering with necessary evidence of such consultations*
- iii. CPSUs in Support with the state Government need to explore and put in place an endowment fund (with financial support coming in from public, ashram, industries, institutions, NGOs etc.) to take care of the O & M expenditure beyond GOI support period.*



**List of participants from EPIL**

1. Mr. Kalyan Mitra, Executive Director, EPIL
2. Mr. Sanjay Goel, GM, EPIL
3. Mr. Sandip Mondal, Sr. Manager, EPIL
4. Mr. Mandeep Sindhu, Engineer Civil, EPIL

**Agenda item No. 3: Interception and Diversion and Treatment works in Ramnagar Varanasi in Uttar Pradesh State, Under NamamaiGangeProgramme**

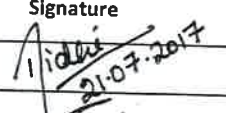

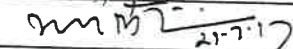
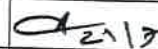
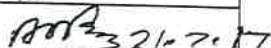

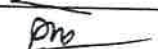




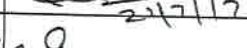
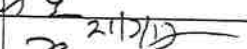
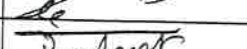


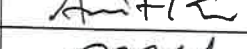

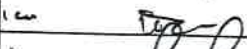



- DPR has been reviewed by IIT-Roorkee.
- Project Cost: Rs 71.26 Crore including O & M for 15 years
- Land: to be provided by State Government
- Project Components:
  1. Nala tapping Works - 4 nos.
  2. Interceptor Sewer Lines (350-900 mm) – 0.380 Km
  3. Sewage Treatment Plant – 1 No (10 MLD Capacity)
  4. Insitu/ On-site Treatment of Drain – 1 No.
  5. Effluent Disposal Pipeline (600 mm) – 0.46 km
  6. Main Pumping Station – 1 No (13 MLD)
  7. Rising Main (400 mm) – 0.06 Km
  8. Operation & Maintenance -15 years of I/ D and STP work
- Completion Time: 29Months including bidding period
- Financial Effect: 100% Central Sector
- Bidding Process: DBOT mode

*After detailed discussion Executive Committee (EC) resolved to approve the proposal for according Administrative Approval and Expenditure Sanction (AA&ES) for I&D and STP works at Ramnagar, Varanasi for an estimated amount of Rs71.26 Crore(including cost of O & M for 15 years –Rs45.91 Crore). It was also resolved that the observations of NMCG and 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. for the I/ D and STP works, O & M for 15 years after commissioning will form part of the project scope and in subsequent years, State Government/ ULB will ensure the O & M of I/ D system as per the norms. The project has been considered to be funded under Component B – New Initiatives of Mission Namami Gange Program. The State Government should ensure the availability of land in their possession before awarding the works.*

*Since the project involves only I& D and STP works of very small capacity (10 MLD only) and clubbing with other projects is difficult due to remote location of the instant project from the other big towns nearby, the project will be executed on DBOT mode.*

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4th Executive Committee Meeting of NMCG -21/07/2017

Sr. No.	Name	Designation	Organization	Contact	E-mail ID	Signature
1)	Nidhi Dwivedi	Project Officer, Technical.	NMCG.	-	-	 21-07-2017
2)	Sutarnu KAS	Program Director	WBSPMG	9433785402		
3)	Dr. B. M. Mukherjee	Engineer in charge	KMDA	9830372476		
4)	A. P. Singh.	M.D. BUEDCO Bihar.	BUEDCO Bihar	8544413101		 21-7-17
5.	Narendra K Singh	ADD. Sec	U.D. HD, Bihar	9470988578		 21/7
6.	A.N. Gupta	Consultant Tech.	NMCG	9450910966	nasresh.avadh@yahoo.com	 21-7-17
7	K K RASTOYI	Project Manager	UK Pary. Jal Nigam	9997494594	kk_rastoyi@rediffmail.com	
8.	PRAVIN KUMAR	DR-7-19	NMCG	989912554	drpravin@nmcg.nic.in	
9	J. N. Singh	GM (Tech)	BUEDCO, Bihar	9431484487	jainnandansingh@gmail.com	
10.	Saumyanshu Mishra	Sn. Enr. Specialist	NMCG	9212218963	sabul@rediffmail.com	
11	Anup	Sr. (Civil) Engineer	SPMGs Bihar	9431262724	spmgbihar@gmail.com	 21/7/17
12	Sanjay Kumar Singh	GM, Gangapur C.U. Varanasi	U.P. Jal Nigam	9473942688	jsingangavns@gmail.com	 21/7/17
13	A.K. Gupta	C.E. U.P. Jal Nigam	U.P. Jal Nigam	9473943056	ceganga-upjn@yahoo.in	 21/7/17
14.	Javed Ahmed Asif	Tech. Adv. SPMG. UP.		9415461507	ta@spmg.org	 21/7/17
15.	Prashant K. Singh	Engineer.	TCE	8506896543	prashant@nmcg.nic.in	
16.	Sujat Kumar	AG.	GPPD, Jal Nigam	9453889870	sujat.iitbhu@gmail.com	
17.	AMIT KUMAR	RO	NMCG	8742939191		
18.	Dipesh Saunath	AM	Tahsil group	9643402897	dipesh@tahsil.com	 Anil K singh
19.	Deepak Sharma	Head Technin	ACEPL	9999627351	archiza.consulting@gmail.com	
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21	M. K. Singh	Ex. Engr. Jal Nigam	Jal Nigam	9473942688	cc.ceb.unnava-upjn	
22	Sanjay Goel	GM	EPIL	9997316262		
23	K. Mitra	Executive Director	EPIL	9836481819	k.mitra@epi.gov.in	 4/17/17

