

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

1st Floor,
Major Dhyan Chand National Stadium
India Gate, New Delhi-110002

Dated: 6th March, 2019

Sub: Final Minutes of 21st meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG).

Because of the urgency of processing some of the decisions taken in the 21st EC meeting, part Minutes were issued vide letter of even no. dt. 28.02.2019 and these are now included in these Minutes as well at serial no. 14. Complete Minutes of the Meeting are accordingly being circulated under this OM.


6.3.19
Rajiv Kishore

Executive Director (Admin.)

To,

1. Joint Secretary (PFC-I/PF-States), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001
2. Shri Jagmohan Gupta, JS&FA, MoWR,RD&GR, Shram Shakti Bhawan, New Delhi-110001.
3. Shri Avinash Mishra, 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, Dharampur, Dehradun, Uttarakhand-248001.
5. Principal Secretary (UD), Urban Development Department (UDD), 834, Babu 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 EDs of NMCG.

Cc:

1. Project Director, SPMG Group 117 Indira Nagar Dehradun 248001 Uttarakhand
2. Project Director, SPMG Group 834, Babu 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, Dhurwa, 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 21st meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) held on 1st March 2019 in NMCG Office, New Delhi

The 21st meeting of the Executive Committee (EC) of National Mission for Clean Ganga (NMCG) was held on 1st March 2019 at 11:00 AM under the Chairmanship of Director General (DG) of NMCG.

1. Agenda No. 1: Action Taken Note on the minutes of 20th Executive Committee meeting held on 15.02.2019

Review of decisions taken in 20th Executive Committee meeting.

2. Agenda No. 2: Fluvial geomorphology mapping of Hindon River basin” the head of “Research, Studies, Pilot & Training, Workshop, Seminar, Publication etc.” as a part of overall Research and Development component of National Ganga Plan

The project of Fluvial geomorphology mapping of Hindon River basin was put up for approval of Executive Committee meeting held on 1st March, 2019. Professor Saumitra Mukharjee explained the proposal to the EC.

After detailed deliberation, the EC approved the project proposal to be funded under the head of “Research, Studies, Pilot & Training, Workshop, Seminar, Publication etc.” as a part of overall Research and Development component of **National Ganga Plan (NGP)**. EC observed that the outcome of the study should be adaptable to such an extent that relation can be developed for other rivers also.

3. Agenda No. 3: Study on ‘Environmental Flow assessment for Yamuna River from Hathanikund Barrage to Okhla Barrage’ Under Namami Gange Scheme

- Study proposal prepared by: National Institute of Hydrology (NIH)
- Study Cost: Rs. 104.62 Lakh
- Study Components:
 - a) Assessment of Environmental Flow for Yamuna River from Hathanikund Barrage to Okhla Barrage
 - b) To suggest the management options for maintaining the recommended E-Flows.
- Completion time: 12 months
- Financial effect: Central Shares as 100% cost i.e. Rs. 104.62 Lakh

The proposal was placed before Executive Committee (EC) for according approval to National Institute of Hydrology (NIH), which is a premier Research and Development organization under the Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India. After detailed discussions, the EC resolved to approve the study with observation that the study needs to be completed within 12 months and a committee may be constituted drawing representatives from different stakeholders and collaborating agencies for guiding the study. It was also decided that intellectual charges proposed may be reduced to Rs. 20 Lakh. Accordingly, EC approved the proposal for Rs. 104.62 Lakh. The EC also decided that GST has not been considered in the costing and shall be applicable as per relevant rules.

4. Agenda No. 4: Study on “High-resolution climate scenarios for basin-scale water resource management applications” Under Namami Gange Scheme

- Study proposal prepared by: IIT Delhi
- Study Cost: Rs. 131 Lakh
 - a) Develop a high-resolution (10 km x 10 km) dataset in gridded format of meteorological variables for current and future climate scenarios.
 - b) Develop a district-scale dataset in Excel format of current and future climate scenarios.
- Study Components:
 - c) Demonstrate the applicability of such data for basin-scale water resource management problems under climate change for selected basins in the Indo Gangetic Plains.
- Completion time: 36 months
- Financial effect: Central Shares as 100% cost i.e. Rs. 131 Lakh

The proposal was placed before Executive Committee (EC) for according approval for an estimated cost of Rs. 131 Lakh to Indian Institute of Technology, Delhi (IIT-D). After detailed discussions, the EC resolved to approve the study with observations that a preliminary report on existing and past climate scenarios may be submitted to this office within 6 (six) months and a committee may be constituted drawing representatives from different stakeholders for guiding the study. GST has not been considered in the costing and shall be applicable as per relevant rules.

5. **Agenda No. 5: Development works of Ghats at Ghazipur Uttar Pradesh**

DPR submitted by EIL was examined in line with the report of TPA done by NIT Prayagraj. The EC discussed the proposal and based on the presentation given by EIL, **Six ghats - Janana Ghat, Islamiya Ghat, Mahadev ghat, Steemer Ghat, Anjahi Ghat, Mallah Ghat.** have been approved and the cost details are tabulated below:

SUMMARY OF COST ESTIMATE FOR DPR (GHAZIPUR)

SN	Location Name	Cost of Works (In Rs.)	GST @ 12%	Total Cost of work (incl. taxes)	EIL Fees @ 8%	GST on EIL Fees @ 18%	Total Cost (in Rs.)	Total Cost (in Cr.)
<u>GHATS</u>								
1	Mahadev Ghat	49,64,729	5,95,768	55,60,497	4,44,840	80,071	60,85,408	0.609
2	Janana Ghat	38,99,913	4,67,990	43,67,903	3,49,432	62,898	47,80,233	0.478
3	Steemer Ghat	2,09,31,145	25,11,737	2,34,42,883	18,75,431	3,37,578	2,56,55,891	2.566
4	Anjani Ghat	2,09,31,145	25,11,737	2,34,42,883	18,75,431	3,37,578	2,56,55,891	2.566
5	Islamiya Ghat	1,09,51,836	13,14,220	1,22,66,057	9,81,285	1,76,631	1,34,23,972	1.342
6	Mallah Ghat	2,09,31,145	25,11,737	2,34,42,883	18,75,431	3,37,578	2,56,55,891	2.566
	Total	8,26,09,914	99,13,190	9,25,23,104	74,01,848	13,32,333	10,12,57,285	10.127

Recommendations: EC recommend development of Janana Ghat, Islamiya Ghat, Mahadev ghat, Steemer Ghat, Anjahi Ghat, Mallah Ghat at a total cost of Rs. 10.13 Cr. inclusive of taxes and consultancy charges.

6. Agenda No. 6: Development works of Ghats and Crematoria at Danapur Bihar

DPR submitted by NBCC was examined in line with the report of TPA done by NIT Patna. The EC discussed the proposal and based on the presentation given by NBCC, **two ghats - Ramji Chak Bathing Ghat & Crematoria and Peepapul Bathing Ghat & Crematoria** have been approved and the cost details are tabulated below:

Cost SUMMARY

S.NO.	DESCRIPTION		ESTIMATED COST AS PER DSR 2016 (RS.)	AS PER MARKET RATE (RS.)
1	RAMJI CHAK BATHING GHAT AND CREMATORIA		25250068.70	1790554.00
2	PIPAPUL BATHING GHAT GHAT AND CREMATORIA		28108827.00	1455124.00
	TOTAL		53358895.70	3245678.00
	ADD COST INDEX @ $((137-102)*100/102)= 34.31\%$ on DSR Amount	34.31%	18307437.11	
	TOTAL	A	74912010.81	
	ADD GST @ 6% on A	6.00%	4494720.65	
	TOTAL	B	79406731.46	
	ADD CONTIGENCIES CHARGE @ 3% ON B	3%	2382201.94	
	ADD 1% LABOUR CESS ON B	1%	794067.31	
	NBCC AGENCY CHARGES @8% ON B	8%	6352538.52	
	ADD SERVICE TAX @ 12% ON AGENCY CHARGES	12.0%	762304.62	
	GRAND TOTAL		89697843.86	
	SAY		897.00 lacs (9.0 Cr)	

Recommendations: EC recommend development of Ramji Chak Bathing Ghat & Crematoria and Peepapul Bathing Ghat and crematoria at a total cost of Rs. 9.0Cr. inclusive of taxes and consultancy charges.

7. Agenda No. 7: Ghats development at Gopalgunj in Bihar

DPR submitted by State Government of Bihar was examined in line with the report of TPA done by NIT Prayagraj. The EC discussed the proposal and based on the presentation given by SPMG Bihar, **two ghats - Dumeria Ghat and Bridge Ghat** have been approved and the cost details are tabulated below:

Summary of Cost				
Sl. No.	Paticulars		Total Estimated (Rs.in Lacs)	Cost
1.0	Development of 2 Nos. New Ghats :	: Rs.	650.00	Lacs
1.1	Dumatiya Ghat = 60X30m	Rs. 325.00	Lacs	
1.2	Bridge Ghat = 60X30m	Rs. 325.00	Lacs	
2.0	High Mast Lights (2 nos.) at Ghat	: Rs.	18.60	Lacs
3.0	Toilet & Change Room (1 No.) with Drinking water Facility	: Rs.	20.00	Lacs
4.0	Garbage Bin (8 Nos.)	: Rs.	0.44	Lacs
5.0	Embankment Protection	: Rs.	48.50	Lacs
	Total (1 to 5) :	Rs.	737.54	Lacs
6.0	Labour Cess @ 1 %	: Rs.	7.38	Lacs
7.0	Environment Management Plan and Environment Monitoring Programme	: Rs.	9.22	Lacs
	Total(1 to 7) :	Rs.	754.13	Lacs
8.0	Consultancy Charges including Topographical survey, Geotechnical investigations, Preparation of DPR, Bid Documents, Tender Evaluation, Construction Supervision @ 8 %	: Rs.	60.33	Lacs
9.0	G.S.T on Consultancy Services @ 18%	: Rs.	10.86	Lacs
	Grand Total :	Rs.	825.33	Lacs
		R.O. : Rs.	8.25	Cr.

Recommendations: EC recommend development of Dumeria Ghat and Bridge Ghat at a total cost of Rs. 8.25 Cr. inclusive of taxes and consultancy charges.

8. Agenda No. 8: Ghats development at Muzaffarpur in Bihar

DPR submitted by state government of Bihar was examined in line with the report of TPA done by NIT Patna. The EC discussed the proposal and based on the presentation given by SPMG Bihar, three ghats - **Sidhi Ghat, Akhara Ghat East and Chandwara Ghat** have been approved and the cost details are tabulated below:

SUMMARY OF COST ESTIMATE FOR DPR (MUZAFFARPUR)

Summary of Cost				Total Estimated Cost (Rs.in Lacs)	
Sl. No.	Paticulars			Rs.	Lacs
1.0	Development of 3 Nos. New Ghats :			Rs. 825.00	Lacs
1.1	Akhara ghat East	Rs. 275.00	Lacs 25 M X 50 M		
1.2	Sidhi ghat	Rs. 275.00	Lacs 25 M X 50 M		
1.3	Chandwara ghat	Rs. 275.00	Lacs 25 M X 50 M		
		Rs. 825.00	Lacs		
2.0	High Mast Lights (3 nos.) at Ghats			Rs. 27.90	Lacs
3.0	Toilet & Change Room 3 Nos. with drinking Water facility			Rs. 60.00	Lacs
4.0	Garbage Bin (12 Nos.)			Rs. 0.78	Lacs
5.0	Embankment Protection			Rs. 48.50	Lacs
				Grand Total : Rs. 962.18	Lacs
6.0	Labour Cess @ 1 %			Rs. 9.62	Lacs
7.0	Environment Management Plan and Environment Monitoring Programme			Rs. 12.03	Lacs
				Total(1 to 7) : Rs. 983.83	Lacs
8.0	Consultancy Charges including Topographical survey, Geotechnical investigations, Preparation of DPR, Bid Documents, Tender Evaluation, Construction Supervision @ 8 %			Rs. 78.71	Lacs
9.0	G.S.T on Consultancy Services @ 18%			Rs. 14.17	Lacs
				Grand Total : Rs. 1076.71	Lacs
				R.O. : Rs. 10.77	Cr.

Recommendations: EC recommend development of Sidhi Ghat, Akhara Ghat East and Chandwara Ghat at a total cost of Rs.10.77 Cr. inclusive of taxes and consultancy charges.

9. **Table Agenda no. 1: Revised Cost Estimate for the Mokama I&D and STP scheme Bihar.**

- The AA&ES was issued for an estimated cost of Rs 53.81 Crore (with 15 years O&M)
- The project was bided out with value put to bid as Rs 52.07 Cr. (Works component).
- The L1 bid received is Rs 59.17 Cr. Crore (After negotiations) which is found to be 13.64% higher than the respective value put to bid.
- Accordingly state govt. requested additional cost of Rs 7.1 Crore leading to revised AA&ES cost as Rs 60.91 Cr.(including 15 years O&M).
- **Main Reasons for Additional Cost:** The bid offered is inclusive of GST and escalation factors which lead to the proposed cost estimate justification.
- Third Party Appraisal for the project was done by NIT-Patna
- Completion Time: 18 Months
- Financial Effect: 100% Central Sector
- Project Components: Sewage Treatment Plant-8 MLD, Pumping Stations-3 nos. I&D of 6 drains (Thana Chawk Nala, Chakwara Sthan, Sidhnath Ghat Dhauani Tola Nala, Ram Ghat Nala, Chinta Mani Chak Ghat, Mokama Ghat Nala) etc.

During the meeting, EC took note of the guideline issued in 15th EC meeting related to projects funded under National Ganga Plan in which it is mandatory to take permission from NMCG if the cost of tender is more than 10% of the estimated cost (value put to bid) with due justification and provided state procurement guideline is followed.

After detailed discussion and hearing the justification provided by the SPMG regarding the additional cost (which was mostly due to inclusion of GST and price escalation factor considered for 15 years) the Executive Committee (EC) resolved to approve the additional cost of Rs 7.1Crore leading of total cost of the project as Rs 60.91 Crores (Including cost of O & M for 15 years —Rs 21.41 Crores) to be implemented on DBOT mode. GST is included in the project cost. It was also resolved that the observations of NMCG, TPA should be complied by the State Government/ Executing Agency at the time of detailed design/ at the time of execution and during O & M period. 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.

EC also resolved that since the quoted O&M cost is lower than the estimated O&M cost, therefore to protect the interest of the project additional performance bank guarantee shall be taken from the contractor as was taken for the Sultanganj I&D and STP scheme which was agreed in the review meeting of Hon'ble Minister on 24.07.2019. Accordingly, it has been agreed that the additional bank guarantee that shall be charged for the Mokama I&D scheme will be difference of 90% of the quoted O&M cost for the STP-O&M cost quoted by the bidder. Accordingly the overall PBG will be = $(0.9*28.60-17.19)=Rs\ 8.55\ Cr.$

SPMG stated that after implementing this project, no untreated drains will fall in the river Ganga from the town etc.

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 septage in the STP facility may also be made part of project proposal for implementation.

The project has been considered to be funded under Component B – New Initiatives of Namami Gange Program. The State Government should ensure the availability of land, wherever needed, in their possession before awarding the works. State need to submit a revised DPR, before bidding, based on Third Party Agency’s recommendations.

10. Table Agenda No. 2: Rehabilitation/Development of Ghats and Crematoria at Buxar, Bihar

Sanctioned Cost of Project: - Rs. 32.84 Crores (AA&ES issued on 07-09-2016)

Funding: - 100% Central Funding, NMCG

The project for rehabilitation/development of Ghats and Crematoria at Buxar, Bihar had been approved in 14th ESC meeting held on 02.05.2016 and its Administrative Approval & Expenditure Sanction (AA&ES) was issued on 07.09.2016 at an estimated cost of Rs. 32.84 Crores with 100% NMCG funding.

Since, it was observed, that in certain cases, some of the Ghats / Crematoria works are not need based; oversized; duplication of works with other schemes, a committee was formed by NMCG to provide a fact finding report. The committee visited the sites and submitted a detailed report prioritizing the works. Accordingly only two Ghats viz Gola and Sati Ghat were taken up by NBCC. The remaining Ghats were kept on hold.

Local people requested for improvement and extension of Ramrekha and Nath Baba Ghats at Buxar as sanctioned earlier. The matter was discussed at NMCG and based on discussion M/s NBCC submitted a detailed proposal at a cost of Rs. 17.47 Cr. (Rs. 10.36 Cr. for new works and Rs. 7.11 Cr. for ongoing works). A team from NMCG visited the site and submitted its recommendations given in **Table 1** below.

Table 1

Description	AA & ES Amount	DPR Cost	NBCC Proposal			Recommendations as per the site visit report		
			Ongoing Ghats after prioritization	Proposed two Ghats	Total	Ongoing Ghats after prioritization	Proposed two Ghats	Total
Rs. in Cr.								
Cost of works	30.07*	30.07	7.11**	10.36***	17.47	5.00**	8.49***	13.49

The above mentioned cost is excluding cost of supervision, survey, consultancy and taxes.

***AA&ES is for 6 Ghats, 1 Crematorium and Misc works**
**** Ongoing Ghats after prioritization works are for two Ghats (Gola and Sati Ghats)**
*****The works now proposed are for two Ghats (Ramrekha and Nath Baba Ghats) and Misc works**

In view of the recommendations given in the site visit report the following components of works (Table 2) have been approved.

Table 2

Components of works	Amount (Rs in Lakhs)
Ramrekha Ghat (Extension of existing Ghat)	452.15
Nath Baba Ghat (Extension of existing Ghat)	206.22
Renovation of existing infrastructure at 2 nos. Ghat's (Ramrekha Ghat & Nath Baba Ghat)	83.09
Up-gradation of Existing Promenade	20.34
Embank Protection in remaining areas	6.11
Improvement of Approach Road Connecting to Ghat's	37.81
Landscaped Park	28.04
Dustbins - 20 Nos. @ Rs. 5500/- each	1.10
External Electrification Works	13.96
Total of above components of works***	848.82
Cost of Ongoing Works **	500.00
Grand Total	1348.82
Grand Total: Rs. Crores	13.49

Recommendations:

EC was appraised about the revival of Ghat works of Ramrekha and Nath Baba Ghat extension. In view of the same, the projects for development of Ghats and Crematoria at Buxar will now include development and extension of 4 Ghats and renovation of 2 Ghats at a total cost of Rs. 13.49 Cr. (excluding supervision charges and taxes). The cost for these works is within the sanctioned cost of AA&ES i.e. Rs. 30.07 Cr. No escalation in cost of revived and ongoing works over and above the original sanction will be allowed. The ghat work being revived must be completed within 12 months.

11. Table Agenda No. 3: Rehabilitation/Development of Ghats and Crematoria at Hajipur, Bihar

Sanctioned Cost of Project: - Rs. 23.62 Crores (AA&ES issued on 05-09-2016)

Funding: - 100% Central Funding, NMCG

The project for rehabilitation/development of Ghats and Crematoria at Hajipur, Bihar had been approved in 14th ESC meeting held on 02.05.2016 and its Administrative Approval & Expenditure Sanction (AA&ES) was issued on 05.09.2016 at an estimated cost of Rs. 23.62 Crores with 100% NMCG funding.

Since, it was observed, that in certain cases, some of the Ghats / Crematoria works are not need based; oversized; duplication of works with other schemes, a committee was formed by NMCG to provide a fact finding report. The committee visited the sites and submitted a detailed report prioritizing the works. Accordingly only two Ghats viz Chawani Mandir and Crematorium at Konahara Ghat were taken up by NBCC. The remaining Ghats were kept on hold.

Local people requested for improvement and extension of Butan Das and Siddhi Ghat at Hajipur as sanctioned earlier. The matter was discussed at NMCG and based on discussion

M/s NBCC submitted a detailed proposal at a cost of Rs.10.21 Cr. for developing these Ghats. A team from NMCG visited the site and submitted its recommendations given in Table 1 below.

Table 1

Description	AA & ES Amount	DPR Cost	NBCC Proposal			Recommendations of Site visit Report		
			Ongoing Ghats after prioritization	Proposed two Ghats	Total	Ongoing Ghats after prioritization	Proposed two Ghats	Total
			Rs. in Cr.					
Cost of works	21.62*	21.62	3.27**	6.94***	10.21	3.27**	5.86***	9.13

The above mentioned cost is excluding cost of supervision, survey, consultancy and taxes.

* AA&ES is for 7 Ghats, 1 Crematoria and other miscellaneous works
 ** Ongoing Ghats after prioritization works are for One Ghat and One Crematoria (Chawani Mandir Ghat, Crematorium at Konahara Ghat)
 ***The works now proposed - Two Ghats (Butan Das and Sidhi Ghat Extension) and Misc works

In view of the recommendations given in the site visit report the following components of works (Table 2) have been approved.

Table 2

Components of works	Amount (Rs in Lakhs)
Butan Das Ghat	137.46
Siddhi Ghat Extension	194.65
Renovation of 6 nos. Ghat's (Purana pul Ghat, Samhartha Ghat, Sidhi Ghat, Kaushalya Ghat, Butan Ghat and Konahara Ghat)	129.96
Toilet and change room -2 nos	29.33
Embank Protection Purana pul Ghat to Konahara Ghat	39.15
Improvement of Approach Road Connecting to Ghat's	23.18
External Electrification Works	32.16
Total of above component of works***	585.90
Cost of Ongoing Works **	327.00
Grand Total	912.90
Grand Total: Rs. Crores	9.13

Recommendations:

EC was appraised about the revival of Ghat works of Butan Das and Sidhi Ghat extension. In view of the same, the projects for development of Ghats and Crematoria at

Hajipur will now include development and extension of 3 Ghats, 1 Crematoria and Renovation of 6 Ghats at a total cost of Rs. 9.13 Cr (excluding supervision charges and taxes). The cost for these works is within the sanctioned of AA&ES i.e. Rs. 21.62 Cr (excluding the consultancy cost out of Rs. 23.62 Cr). No escalation in cost of revived and ongoing works over and above the original sanction will be allowed. The ghat work being revived must be completed within 12 months.

12. Table Agenda 4: Development of Brighu Ashram Ghat at Bulandshahr, Uttar Pradesh

EIL submitted the proposal of **Brighu Ashram Ghat at Bulandshahr, Uttar Pradesh for Rs. 2.15 Cr.** The same was sent for TPA to **Jamia Millia Islamia, New Delhi.** As per TPA the cost was reduced to **Rs. 1.03 Cr.** The proposal was discussed in the EC Meeting, the cost was approved as per the Table below :

Si. No.	Description	Recommended Cost (In Rs.)
1	Ghat protection works	4833500
2	Construction of Steps for Ghat	2300000
3	Landscaping & Beautification of Ghats	33751
4	On site facilities	1218108
A	Total Basic Cost (1 + 2 + 3 + 4)	8385359
5	GST @ 12%	1006243.08
6	Labour Cess @ 1%	83853.59
B	Total Cost of Work incl. Taxes (A + 5 + 6)	9475456
C	Cost of Supervision and Project Preparation @ 8% as per NGRBA	758036.4536
D	Environmental Management Plan & Environmental Monitoring Program	25000
	Grand Total (B + C + D)	10258492
	Total Project Cost (In Rs Cr.)	1.03

Recommendations: EC recommend development of Development of Brighu Ashram Ghat at Bulandshahr, Uttar Pradesh at a total cost of Rs.1.03 Cr. (excluding taxes and consultancy charges)

13. Table Agenda 5: Development of Mahadev Ghat at Buxar, Bihar

NBCC submitted the proposal of **Mahadev Ghat at Buxar, Bihar for Rs. 4.31 Cr.** The same was sent for TPA to **Jamia Millia Islamia, New Delhi.** As per TPA the cost was reduced to **Rs. 1.09 Cr.** The proposal was discussed in the EC Meeting , the cost was approved as per the Table below :

Si. No.	Description	Recommended Cost (in Rs.)
A	Basic Cost	
1	CIVIL WORKS	8390253.23
2	PHE WORKS	357881
3	ELECTRICAL WORKS	242675
	TOTAL (A)	8990809.23
B.	Cent age	
	Cost of project preparation @ 4% as per NGRBA guidelines	359632.37
	Cost of supervision @ 4% as per NGRBA guidelines	359632.37
	Sub Total (B)	719264.74
C.	Labour Cess @1%	89908.0923
	Sub Total (C)	89908.0923
D.	Environmental Management Plan & Environmental Monitoring Program	20000
	Sub Total (D)	20000
	GST @ 12% of the Basic Cost	
E.	Sub Total of GST (E)	1078897.108
	GRAND TOTAL (A + B +C + D + E)	10898879.17
	GRAND TOTAL (Lacs)	108.99

Recommendations: EC recommend development of Bathing Ghat at Mahadev Ghat at Buxar in Bihar at a total cost of Rs.1.09 Cr. (excluding taxes and consultancy charges)

14. Table Agenda 6: Urban Wetland Management Guidelines - A Toolkit for Local Stakeholders

Executing Agency: School of Planning and Architecture, New Delhi

Cost Estimate: Rs. 48,69,951/-

Completion time- 6 months

The proposal for “Urban Wetland Management Guidelines - A Toolkit for Local Stakeholders” submitted by SPA encompasses five objectives towards preparation of the toolkit. They are to map the water bodies in the city and to classify them according to their criticality and protocols; to evaluate potentials of the water bodies in addressing the issue of water management in the city; to assess the criticality of urban areas in order to prioritize conservation and uses of water bodies; to study impact of urban development on specific water bodies; to demonstrate an efficient water management strategy for urban development by integration of water bodies. The scope of the study will be limited to one city within the Ganga basin.

The proposal was put up before the Executive Committee. The proposal is a non-infrastructure project and as SPA is an “Institution of National Importance” under an Act of Parliament, the proposal has been accepted by NMCG.

Recommendation: Executive Committee approved the study to achieve the objectives and preparation of the toolkit at the estimated cost of Rs. 41,27,077 plus 18% GST (or as applicable). The expenditure may be debited to NGP – Research & Development sub-head of Namami Gange Programme.

15. Table Agenda 7: Detailed Project Report for I&D network and Sewage Treatment Works at Lucknow, Uttar Pradesh.

- New MPS- 39 MLD (1 No.)
- New Sewage Treatment Plant (Daulatganj)- 39 MLD (1 No.)
- New Sewage Treatment Plant (Bairikala)- 1 MLD (1 No.)
- New Sewage pumping station (Bairikala)- (1 No.)
- Rehabilitation of existing STP (Daulatganj)- 42 MLD- 1 No.
- Rehabilitation of existing pumping stations- 3 Nos.
- Operation & Maintenance -15 Years
- Completion time: 24 Months.
- Financial effect: 100% Central Sector
- Bidding Process: DBOT

The proposal for I&D and STP for Daulatganj area, District-1, was placed before Executive Committee. The existing 56 MLD STP (42 MLD+ 14 MLD) are receiving approx 80 MLD sewage and thus excess sewage is falling untreated into river Gomti. Thus additional STP capacity of cumulative 40 MLD has been proposed for dist.1, considering future requirement as well.

After detailed discussions, Executive Committee (EC) resolved to approve the proposal for according administrative approval and expenditure sanction (AA&ES)

for construction of I&D and Sewage Treatment Plants (**40 MLD cumulative capacity**) and rehabilitation of existing infrastructure with O&M for 15 years in **Lucknow** municipal area, Uttar Pradesh under Namami Gange Program for an estimated amount of Rs. **298.12 Crores** (including cost of O & M for 15 years – Rs **193.84 Crores**). SPMG confirmed that after implementation of this project, no untreated sewage/drains will fall in river Gomti from District-1 **Lucknow**.

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 Appraisal Agency's recommendations complete with design details and hydraulic analysis.

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 septage in the STP facility may also be made part of project proposal for implementation. EC desired that state Government should pari-pasu implement the project for reuse of treated wastewater for agriculture & industrial purpose. For this purpose state government should adopt a policy document and endeavor & implement scheme for reuse treated wastewater accordingly.

EC also directed to SPMG that the tender works may be awarded within six months from the date of issue of AA&ES.
