



National Mission for Clean Ganga (NMCG)
Ministry of Water Resources, River Development & Ganga Rejuvenation
1st Floor, Major Dhyan Chand National Stadium, India Gate, New Delhi – 110002

F.No: Pr-110112/2018-PPP/NMCG

Dated: 13th September 2018

Addendum No. 1

Sub: Selection of Project Engineer for the Development of Sewage Treatment Plants (STPs) , rehabilitation of existing STPs & associated Infrastructure and operation and maintenance of all assets for 15 years in Mirzapur and Ghazipur , Uttar Pradesh Under Hybrid Annuity based PPP mode

Sl. No.	Clause No.& Reference	Original Clause				Revised Clause			
1	Clause 1.8, Table Sl. No. 4,5,6 and 7 RFP	4. Proposal Due Date or PDD- 24th September 2018, 12.30 PM 5. Opening of Proposals- 24th September 2018, 1.00 PM 6. Meeting for presentation of Approach & Methodology- 3-4th October 2018 7. Opening of Financial Proposal- 10th October, 2018				4. Proposal Due Date or PDD- 1st October 2018, 12.30 PM 5. Opening of Proposals- 1st October 2018, 1.00 PM 6. Meeting for presentation of Approach & Methodology- 08-09th October 2018 7. Opening of Financial Proposal- 16th October, 2018			
2	Clause 3.1.3, RFP	Item Code	Parameter	Maximum Marks	Criteria	Item Code	Parameter	Maximum Marks	Criteria
		4. iii	Sr. Civil Engineer	40	Qualification: 10 points Undergraduation:5 Post-Graduation: 10 Number of Eligible Assignments: 30 points Up to 2 assignments: 10 3-5 Assignments: 20 More than 5 assignments: 30	4. iii. A	Sr. Civil Engineer-1	20	Qualification: 5 points Undergraduation:2.5 Post-Graduation: 5 Number of Eligible Assignments: 15 points Up to 2 assignments:



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					5 3-5 Assignments: 10 More than 5 assignments: 15	
			4. iii. B	Sr. Civil Engineer- 2	20	Qualification: 5 points Undergraduation: 2.5 Post-Graduation: 5 Number of Eligible Assignments: 15 points Up to 2 assignments: 5 3-5 Assignments: 10 More than 5 assignments: 15
3	Clause 2.21.4, RFP	The initial validity of the Performance Guarantee shall be 1280 days from the date of issue. If the project is delayed for any reasons not attributable to the Project Engineer, the validity of the Performance Guarantee shall be extended as mutually agreed upon between NMCG, UPJN and the Project Engineer.	The initial validity of the Performance Guarantee shall be 1650 days from the date of issue. If the project is delayed for any reasons not attributable to the Project Engineer, the validity of the Performance Guarantee shall be extended as mutually agreed upon between NMCG, UPJN and the Project Engineer.			
4	Annex- 6, Sl. No. 8,	For the avoidance of doubt, the Bank's liability under this Guarantee shall be restricted to Rs..... crore (Rupees	For the avoidance of doubt, the Bank's liability under this Guarantee shall be restricted to Rs..... crore			



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	Bank Guarantee for Performance Security	<p>..... crore) only. The Bank shall be liable to pay the said amount or any part thereof only if the NMCG serves a written claim on the Bank in accordance with Paragraph 2 hereof, on or before [..... (indicate the date falling 1280 days after the date of this Guarantee)].</p>	<p>(Rupees crore) only. The Bank shall be liable to pay the said amount or any part thereof only if the NMCG serves a written claim on the Bank in accordance with Paragraph 2 hereof, on or before [..... (indicate the date falling 1650 days after the date of this Guarantee)].</p>																								
5	Clause 13.3, Table	<p>Expected man months for each both key and non-key personnel:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;">Man months-Mirzapur</th> </tr> <tr> <th style="width: 25%;">Position</th> <th style="width: 10%;">No</th> <th style="width: 25%;">Construction period</th> <th style="width: 40%;">O&M Period</th> </tr> </thead> <tbody> <tr> <td>O&M Engineer (2x24)</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> </tr> </tbody> </table>			Man months-Mirzapur		Position	No	Construction period	O&M Period	O&M Engineer (2x24)	1	2	4	<p>Expected man months for each both key and non-key personnel:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;">Man months-Mirzapur</th> </tr> <tr> <th style="width: 25%;">Position</th> <th style="width: 10%;">No</th> <th style="width: 25%;">Construction period</th> <th style="width: 40%;">O&M Period (2 Years)</th> </tr> </thead> <tbody> <tr> <td>O&M Engineer</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> </tr> </tbody> </table>			Man months-Mirzapur		Position	No	Construction period	O&M Period (2 Years)	O&M Engineer	1	2	8
		Man months-Mirzapur																									
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		Man months-Ghazipur				Man months-Ghazipur			
		Position	No	Construction period	O&M Period	Position	No	Construction period	O&M Period (1 Year)
		O&M Engineer (2x24)	1	0	4	O&M Engineer	1	0	4
6	Form-1, Appendix-I Letter of Proposal	Sub: Appointment of Project Engineer for preparation of Feasibility Report for the Project				Sub: Appointment of Project Engineer for the Project			
7	Form-1, Appendix-II Financial Proposal	Sub: Appointment of Project Engineer for preparation of Feasibility Report for the Project				Sub: Appointment of Project Engineer for the Project			
8	Clause 2.1.4, RFP	Key Personnel-Table for Key Expert and Non-Key Experts				Please refer to the revised table given below.			

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Key Experts:

Sl. No.	Category Name	Minimum educational qualification and Discipline	Qualification and Expertise required	Nos. Required
1	Team Leader cum Waste water Expert	Graduation in Civil Engineering and Post-graduation in Public Health/ Environmental Engineering or Equivalent	Should have Sewage/Waste Water Technology expertise with more than 15 years of overall experience, of which about 3 years of experience should be as a Team Leader or 5 years as Deputy Team Leader in similar projects. He should have undertaken planning, design, and supervision of construction for at least 2 Eligible Assignments.	1
2	Senior Process Engineer	Post-graduation in Public Health/Environmental Engineering/Bio technology or Equivalent	Should be Wastewater Treatment Process Expert with more than 12 years of overall experience, of which at least 5 years as Process Design Engineer in STP construction. He should have undertaken the process design and construction of at least 2 Eligible Assignments.	1
3	Senior Engineer (Civil)	Bachelor's Degree in Civil Engineering	Should have experience of more than 12 years of experience, of which about 5 years should be in sewage treatment plant works. He should have undertaken planning design and supervision of construction of at least 2 Eligible Assignments	2
4	Senior Engineer (Mechanical)	Bachelor's Degree in Mechanical Engineering	Should have more than 12 years of experience of which 5 years shall be in supervising, installation and testing of pumps and associated equipment and plant. He should have undertaken the supervision of installation & testing of mechanical equipment/pumps and associated components	1

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			for at least 2 Eligible Assignments.	
5	Senior Engineer (Electrical)	Bachelor's Degree in Electrical Engineering	Should have more than 12 years of experience of which 5 years shall be in supervising electrical installations and instrumentation related to power driven equipment. He should have undertaken supervision of installation of electrical installations / components / instrumentation for at least 2 Eligible Assignments.	1
6	Senior Engineer (Instrumentation)	Bachelor's Degree in Electrical/Electronics/ Instrumentation Engineering	Should have more than 12 years experience of which 5 years shall be in supervising Instrumentation, Control and Automation and SCADA related works. He should have undertaken supervision of Instrumentation, Control & automation/SCADA systems for at least 2 Eligible Assignments.	1
7	Senior Structural Engineer	Post-graduation in Structural Engineering	Should be a Civil Engineer in the field of Structural design of STPs or with more than 12 years of overall experience and 5 years in sewerage works projects. He should have undertaken structural design for at least 2 Projects in Infrastructure sector.	1
8	O & M Engineer	Graduation in Civil Engineering/Environment Engineering /Mechanical Engineering/ Electrical Engineering/ Post-graduation in Civil/Public Health/ Environmental Engineering	Must be a STP Operational Engineer with at least 10 years of overall experience in Municipal domestic wastewater treatment facilities of which at least 3 years in Operational & Management at STP. He should have undertaken at least 2 Eligible Assignments.	1



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Non Key Experts

Sl. No.	Category Name	Minimum educational qualification and Discipline	Qualification and Expertise required	Nos. required
1	Safety Expert	Graduate/Post graduate in Civil Engineering	Must be a licensed or registered Safety Engineer in the field of infrastructure works with more than 10 years of overall experience. He should have undertaken at least 2 Infrastructure Projects in the capacity of Safety Expert.	1
2	Support Engineer (Civil)	Graduate in Civil Engineering	Should have experience of more than 5 years of experience, in sewage treatment plant works.	2
3	Support Engineer (Mechanical)	Graduate in Mechanical Engineering	Should have more than 5 years of experience in supervising, installation and testing of pumps and associated equipment and plant in STPs.	1
4	Support Engineer (Electrical)	Graduate in Electrical Engineering	Should have more than 5 years of experience in supervising electrical installations and instrumentation related to power driven equipment in STPs	1