

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

RFP No.: T-17/2014-15/834/NMCG

Addendum No. 3

“Selection of Consultant for Performance Assessment and Rehabilitation of Existing STPs”

Issue Date: 03/08/2017

S. No.	Clause Reference	Existing Clause	Amended Clause
1	Pg 19 Clause 2.14.2	The Bid Security shall remain valid for a period of forty-five (45) days beyond the Proposal Validity Period of Proposals as provided in Clause 2.15.1, and would need to be extended, if so required by NMCG, for any extension in the Proposal Validity Period.	The Bid Security shall remain valid for a period of forty-five (45) days beyond the Proposal Validity Period i.e. upto 30 November 2017, as provided in Clause 2.15.1, and would need to be extended, if so required by NMCG, for any extension in the Proposal Validity Period.
2	Pg 23, Clause 6.1	6.1. Contract Price (a) The Contract Price is fixed and is equal to the amount quoted in the Financial Proposal as the total cost of the Financial Proposal, excluding indirect taxes and Reimbursements and is set forth in the SC. The break-up of the Contract Price is provided in Appendix F.	6.1. Contract Price (a) The Contract Price is fixed and is equal to the amount quoted in the Financial Proposal as the total cost of the Financial Proposal, excluding indirect taxes and Reimbursements and is set forth in the SC.
3	Pg 36, Appendix 1 Sl. No. 6 Column 3	August 04, 2017, up to 15:00 Hrs.	August 17, 2017, up to 12:00 Hrs.
4	Pg 36, Appendix 1 Sl. No. 7 Column 3	August 04, 2017, at 16:00 Hrs.	August 17, 2017, up to 12:30 Hrs.
5	Pg 36, Appendix 1 Sl. No. 8 Column 3	August 04, 2017, at 16:00 Hrs.	August 17, 2017, up to 12:30 Hrs.
6	Pg 47 Appendix 7 Para 1 (d)(ii)	Forty Five Days (45) days beyond the Proposal Validity Period.	Forty Five Days (45) days beyond the Proposal Validity Period i.e. 30/11/2017.
7	Pg 66 Appendix 13 Para 4	Though the boundary of River Ganga. It is envisaged that the study would cover all the existing 82 STPs in 44 towns along River Ganga.	Though the boundary of River Ganga. It is envisaged that the study would cover all the existing 57 STPs in 36 towns along River Ganga.
8	Pg 67, Clause 1 (a)(iv) of Appendix 13 to RFP	(iv) The Consultant shall assess primary data the parameters of wastewater received at each STP in terms of quantity and quality for 5-7	(iv) The Consultant shall assess primary data such as the parameters of wastewater received at each STP in terms of quantity and quality for 5-7

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	<p>And</p> <p>Pg 38, Clause 1 (a)(iv) of Appendix A to Contract Agreement</p>	<p>days period as required. Further, the Consultant shall collect the secondary data relating to yearly & monthly variations in wastewater in both quality and quantity for each STP.</p>	<p>days period as required. Further, the Consultant shall collect the secondary data relating to yearly & monthly variations in wastewater in both quality and quantity for each STP. The waste water quality should include the relevant parameters such as pH, BOD, COD, TSS, TDS, Phosphates, TN, Heavy metals etc. and the analysis should be undertaken from NABL accredited laboratory.</p>
9	<p>Pg 67, Clause 2 (d) of Appendix 13 to RFP</p> <p>And</p> <p>Pg 38, Clause 2(d) of Appendix A to Contract Agreement</p>	<p>The consultant shall submit the design norms, parameters technical specifications, wherever applicable, considering as part of DPR.</p>	<p>The consultant shall submit the design norms, operating parameters, technical specifications, wherever applicable, and measure of unused land parcel available at the STP premises, as part of DPR.</p>
10	<p>Pg 68, Clause 3 of Appendix 13 to RFP</p> <p>And</p> <p>Pg 39, Clause 3 of Appendix A to Contract Agreement</p>		<p>Following shall be inserted after clause 3 (d) as</p> <p>3(e) the study pertaining to Real-time monitoring of STPs, centralized dashboard and display mechanism shall cover all the existing STPs, not limited to the list as attached at Annexure A to this amendment, with the provision to add more as per instructions of NMCG.</p>
11	<p>Pg 69 Clause 'C' of Appendix 13 to RFP</p> <p>And</p> <p>Pg 44, Appendix 'B' to Contract Agreement</p>	<p style="text-align: center;">Deliverables</p> <p>(i) The consultant is required to provide the following deliverables:</p> <p>(a) Inception report – within 15 days from the date of execution of contract.</p> <p>(b) STP specific report- The following STP specific reports need to be submitted:</p> <ol style="list-style-type: none"> 1. Preliminary survey report for each STP 2. Draft STP assessment & augmentation report 3. Final STP assessment & augmentation report (DPR for individual STP) 4. Tender Document – After approval of the DPR by NMCG, the tender document needs to be prepared for an individual STP or for a group of STPs based on feasibility with prime consideration of works execution at the earliest, ease of implementation and monitoring, preferably single agency for a town, 	<p style="text-align: center;">Deliverables</p> <p>(i) The consultant is required to provide following deliverable:</p> <ol style="list-style-type: none"> (a) Inception report – within 15 days from contract execution. (b) Background review & screening report – within 1 month of contract execution. (c) STP specific report – The following STP specific reports need to be submitted: <ol style="list-style-type: none"> 1. Draft STP assessment & augmentation report – 3.5 Months from date of contract execution for all the STPs. However, batch wise delivery of Draft STP assessment & augmentation report should start after 1.5 months from contract execution. 2. Final STP assessment & augmentation report (DPR for individual STP)- 0.5 Month after receiving comments 3. Tender Document- After approval of the DPR by NMCG, tender document needs to be

S. No.	Clause Reference	Existing Clause	Amended Clause
		<p>approval recommendations etc.</p> <p>(c) Draft report on Real-time monitoring of STPs, Centralized Dashboard and Display Mechanism – within 2 months from date of contract execution.</p> <p>(d) Final report Real-time monitoring of STPs, Centralized Dashboard and Display Mechanism.</p> <p>(e) Monthly progress reports – submission by 5th day of the month.</p> <p>(f) As part of the part 4 of the terms of reference, the consultant shall be required to submit the</p> <ol style="list-style-type: none"> 1. Development & tender strategy to ensure expeditious tendering, work award and works execution. 2. Necessary tender processing documents, NIT, RFP, evaluation reports, contract documents etc. 3. Fortnightly reports on execution supervision & onsite assistance for the rehabilitation / renovation works from the initiation of contract award. <p>(g) Final consolidated report.</p> <p>The consultant may mobilise multiple support teams and needs to plan the studies in a manner that it should be able to start bring out the Final STP assessment & augmentation report (DPR for individual STP) for appraisal & approval purposes at the earliest possible and to ensure completion of investigative studies and submission of all the final STP assessment & augmentation report (DPR for individual STP) by the end of 6 months from the date of execution of contract thereby enabling expeditious tendering and execution of works. The consultant needs to present its plan / methodology to this effect in its tender submission.</p>	<p>prepared for an individual STP/group of STPs based on feasibility with prime consideration of works execution at the earliest, ease of implementation and monitoring, preferably single agency for a town, approval recommendations etc.</p> <p>(d) Standardization report on Development & Tender Strategy to ensure expeditious tendering, work award and works execution.- within 2 months from date of contract execution.</p> <p>(e) Draft report on Real-time monitoring of STPs, Centralised Dashboard and Display Mechanism- within 3 months from date of contract execution.</p> <p>(f) Final report on Real-time monitoring of STPs, Centralised Dashboard and Display Mechanism- within 0.5 months after receiving comments.</p> <p>(g) Monthly Progress Report (including execution supervision & onsite assistance for rehabilitation/renovation works) – submission by 5th day of every month</p> <p>(h) Final consolidated report within 6 months of contract execution date.</p> <p>The consultant may mobilise multiple support teams and needs to plan the studies in a manner that it should be able to start bring out the Final STP assessment & augmentation report (DPR for individual STP) for appraisal & approval purposes at the earliest possible and to ensure completion of investigative studies and submission of all the final STP assessment & augmentation report (DPR for individual STP) by the end of 6 months from the date of execution of contract thereby enabling expeditious tendering and execution of works. The consultant needs to present its plan / methodology to this effect, including requirements of laboratory analytical tests such as waste water characterization (pH, BOD, COD etc), energy efficiency measurements etc., in its tender submission.</p>
12	Pg 70 Clause 'D' of Appendix 13 to	<p>D. Payment Terms</p> <ol style="list-style-type: none"> 1. 10% on submission and approval of the inception report 	<p>D. Payment Terms</p> <ol style="list-style-type: none"> 1. 15% on submission of inception report and report on "Background

S. No.	Clause Reference	Existing Clause	Amended Clause
	RFP And Appendix 'B' to Contract Agreement	<p>2. 15% on submission of 25 final STP assessment & augmentation report (DPR for individual STP along with the bid documents) and their approval by NMCG/EA.</p> <p>3. 20% on submission of another 25 final STP assessment & augmentation report (DPR for individual STP along with the bid documents), their approval by NMCG /EA</p> <p>4. 20% on submission of balance 32 final STP assessment & augmentation report (DPR for individual STP along with the bid documents), their approval by NMCG /Executing Agency (EA)</p> <p>5. 25% on conclusion of tendering process for 82 STPs assessed and submission and approval of final report Real-time monitoring of STPs, Centralized Dashboard and Display Mechanism.</p> <p>6. 10% on submission and acceptance (approval) of final consolidated report.</p>	<p>Review & Screening” and on approval of the same by NMCG</p> <p>2. 18% on submission of final STP assessment & augmentation report (DPR for individual STPs) for initial 29 STPs duly vetted by EA and on approval by NMCG</p> <p>3. 12% on submission of bid documents and approval of bid evaluation report for initial 29 STPs (individual or in groups)</p> <p>4. 18% on submission of final STP assessment & augmentation report (DPR for individual STPs) for another 28 STPs duly vetted by EA and on approval by NMCG</p> <p>5. 12% on submission of bid documents and approval of bid evaluation report for another 28 STPs (individual or in groups)</p> <p>6. 15% on submission and approval of final report Real-time monitoring of STPs, Centralized Dashboard and Display Mechanism.</p> <p>7. 10% on submission and acceptance (approval) of final consolidated report.</p> <p>8. 36% of the cost is considered towards detailed investigative studies and 24% towards tendering support of 57 STPs (as per list at Annexure A of this addendum). Any reduction in the no. of STPs to be studied / tendered, as a result of background review and screening and / or decided by NMCG, shall result in pro-rata reduction in the payment.</p> <p>9. The consultant shall be reimbursed on actual basis, with prior approval of NMCG on rates/agency etc, the cost towards laboratory analytical tests such as waste water characterization (pH, BOD, COD etc), energy efficiency measurements, etc., The consultant needs to detail the extent of such analysis / tests etc in their approach and methodology as part of their technical proposal in line with Appendix – 13 clause C (Last Para) at pg 70 of RFP.</p> <p>10. The extent of studies required will depend on case specific requirements. The list of structure requiring non destructive testing (NDT) need to be finalized in consultation with NMCG based on</p>

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			background review findings of the consultant. The consultant need to get the rates approved for such testing from NMCG and the cost of such NDT will be reimbursed on actual basis. Note – It supersedes the amendment as per sl. no. 11 of Addendum 2 dated 24/07/2017
13	Pg 72 to 74 of RFP And Pg 41 to 43 - Appendix 'A' to Contract Agreement	List of Existing STPs Sl. No. 1 to 82 (All Columns)	List of Existing STPs Sl. No. 1 to 57 (All Columns) as attached at Annexure 'A' to the Addendum No. 3.
14	Pg 22 Clause 4.6 of Contract Agreement	The Consultant shall ensure that at all times during the Consultant's performance of the Services in the Client's location, a resident project manager as specified in SC, acceptable to the Client, shall take charge of the performance of such Services. The Team Leader as per Appendix C may be designated as the Resident Project Manager for the purpose of this Contract.	The Consultant shall ensure that at all times, except with the prior approval of the NMCG, during the Consultant's performance of the Services in the Client's location, a resident project manager as specified in SC, acceptable to the Client, shall take charge of the performance of such Services. The Team Leader as per Appendix C may be designated as the Resident Project Manager for the purpose of this Contract.
15	Pg 24, Clause 6.5 (a) of GCC of Contract Agreement	No advance payment would be admissible	No advance payment would be admissible and payments will be made as per payment terms as reflected at Clause D of Appendix 13 at page 70 of RFP.
16	Pg 32 SCC Sl No. 15 of Contract Agreement	4.5 The person designated, as Team Leader in Appendix C shall serve in that capacity, as specified in GC Clause 4.5.	4.6 The person designated, as Team Leader in Appendix C shall serve in that capacity, as specified in GC Clause 4.6.
17	Pg 44 Clause 1 of Appendix B to Contract Agreement	The consultant is required to provide the following Reports as deliverables:	The consultant is required to provide the following Reports in 2 hard copies and a soft copy (pen drive), as deliverables:

List of Existing STPs in Towns along Ganga River for Studies

Sl No.	State	Name of town	Location of STP	Year of commissioning	Technology	Installed STP Capacity (MLD)	Operational STP Capacity (MLD)
1	Uttarakhand	Rishikesh	Lakkarghat	1984	OP	6	6
2	Uttarakhand	Rishikesh	IDPL	1967	BTP (ASP)	14	14
3	Uttarakhand	Tehri	Tehri	2006	ASP	5	5
4	Uttar Pradesh	Kanpur	Jajmau	1999	ASP	130	130
5	Uttar Pradesh	Kanpur	Jajmau	1989	UASB	5	5
6	Uttar Pradesh	Kanpur	Jajmau	1994	USAB [CETP; includes 9 mld industrial (Tanneries) effluent also]	36	36
7	Uttar Pradesh	Kanpur	Bingawan	2015-16	USAB	210	210
8	Uttar Pradesh	Allahabad	Salori	2007	FAB	29	29
9	Uttar Pradesh	Allahabad	Rajapur	2013	UASB	60	60
10	Uttar Pradesh	Allahabad	Pongghat	2013	BTR (ASP)	10	10
11	Uttar Pradesh	Allahabad	Kodra	2013	BTR (ASP)	25	25
12	Uttar Pradesh	Allahabad	Naini	1999	ASP	80	80
13	Uttar Pradesh	Allahabad	Numayadahi	2013	Bio Tower Treatment Plant	50	50
14	Uttar Pradesh	Varanasi	Dinapur	1994	ASP with TF	80	80
15	Uttar Pradesh	Varanasi	Bhagwanpur BHU	1989	ASP	9.8	9.8
16	Uttar Pradesh	Varanasi	DLW	1993	ASP	12	12
17	Uttar Pradesh	Mirzapur	Ramaipatti	1993	UASB	14	14
18	Uttar Pradesh	Mirzapur	Vindyachal	2008	WSP	4	4
19	Uttar Pradesh	Anupshahr	Anupshahr	2004	WSP	0.81	0.81
20	Uttar Pradesh	Anupshahr	Anupshahr	2004	WSP	1.75	1.75
21	Uttar Pradesh	Farrukhabad	Fatehgarh	1993	OP	2.7	2.7

Sl No.	State	Name of town	Location of STP	Year of commissioning	Technology	Installed STP Capacity (MLD)	Operational STP Capacity (MLD)
22	Uttar Pradesh	Narora	Narora (NAPP)		ASP	2.25	2.25
23	Bihar	Bhagalpur	Bhagalpur		AL	11	0
24	Bihar	Buxar	Buxar		AL	2	0
25	Bihar	Chappa	Chappa		AL	2	0
26	West Bengal	Titagarh	Titagarh	1934	ASP	4.5	4.5
27	West Bengal	Titagarh	Titagarh	1986	OP	4.5	0
28	West Bengal	Titagarh	Bandipur	1986	OP	14.1	14.1
29	West Bengal	Baidyabati	Baidyabati-Saspara	2005	OP	6	0
30	West Bengal	Konnagar	Konnagar-Kanaipur Panchayat	2001	OP	22	0
31	West Bengal	Panihati	Panihati	1987	OP	12	12
32	West Bengal	Howrah	Kona	1989	OP	30	30
33	West Bengal	Chandannagar	Khalisani Chandernagore near Rl Stn Ward No.31	1993	TF	18.16	18.16
34	West Bengal	Chandannagar	Chandannagar	1993	OP	4.54	0
35	West Bengal	Bansberia	Bansberia	2009	WSP	0.3	0.3
36	West Bengal	Kamarhati	Ward No. 18, Mathkhal, Baranagar, South DumDum	1994	TF	40	0
37	West Bengal	Naihati	Naihati	2009	ASP	11.56	11.56
38	West Bengal	Naihati	Ward-18, Naihati	1990-2005	ASP	6.5	0
39	West Bengal	Garulia	Near Burning Ghat, Garulia	2004	WSP	7.9	7.9
40	West Bengal	Kolkata	Garden reach	2011	ASP	57	57
41	West Bengal	Kolkata	Cossipore (Bangur)	2011	ASP	52	52
42	West Bengal	Kolkata	South- Sub-Urban (Keorapukur)	2009	AL	45	45
43	West Bengal	Kolkata	Bhagajatin	1984	AL	15	0

Sl No.	State	Name of town	Location of STP	Year of commissioning	Technology	Installed STP Capacity (MLD)	Operational STP Capacity (MLD)
44	West Bengal	Kolkata	Hastisur	2004	OP	10	0
45	West Bengal	Serampore	Serampore-Left side of Delhi-Howrah Rl route	1990	TF	19	0
46	West Bengal	Mahesthala	Mahesthala	2003	WSP	4	0
47	West Bengal	Bhadreshwar	B.B. Street beside the Victoria Jute Mill Ground, Telinipara	2006	AL	7.6	0
48	West Bengal	Barrackpore	North Barrackpore	2003	OP	4.35	0
49	West Bengal	Murshidabad	Berhrampore	1995	OP	3.7	3.7
50	West Bengal	Champdani	Champdani	2009	AL	1	0
51	West Bengal	Nabadwip	Nabadwip		OP	10	10
52	West Bengal	Jiaganj-Azimganj	Jiaganj-Azimganj	1990-2005	OP	1.39	0
53	West Bengal	Kanchrapara	Gayeshpur, Halishar & Kanchrapara	2004	OP	13	0
54	West Bengal	Khardah	Khardah	2005	WSP	3	0
55	West Bengal	Katwa	Katwa	1990-2005		2.3	0
56	West Bengal	Murshidabad	Murshidabad, ward no-2	1990-2005		1.96	0
57	West Bengal	Diamond Harbour	Ward no-10, Diamond Harbour	1990-2005		2.03	0