

National Mission for Clean Ganga (NMCG)
Department of Water Resources, River Development & Ganga Rejuvenation
Ministry of Jal Shakti

Tender Ref.: TE-12011/3/2021 (Tender ID: 2022_NMFCG_669307_1)

Dated: 4th April 2022

Addendum No.3

Sub: Selection of Project Engineer for the Upgradation of 2.15 MLD to 2.65 MLD Common Effluent Treatment Plant (CETP) for Tanneries with Soak Stream Treatment, Common Chrome Recovery.

S. No.	RFP Clause No.	Original Clause	Revised Clause
1	Clause 2.1.4.1, s.no.1, page 13	1. Team Leader M.Tech with graduation in public health/ civil/ Chemical/ Environmental Engineering Minimum 20 years' experience in water/wastewater sector with 5 years relevant experience as Team Leader/Deputy Team Leader in planning, design, execution of Industrial wastewater projects which should include min. 2 projects Experience in tannery effluent treatment / CETP projects.	M.Tech in Public Health/ Civil/ Chemical/ Environmental/ Industrial Engineering Minimum 15 years' experience in water/wastewater sector with 3 years relevant experience as Team Leader/Deputy Team Leader in planning, design, execution of Industrial wastewater projects which should include min. 2 projects Experience in tannery effluent treatment or CETP projects.
2	Clause 2.1.4.1, s.no.2, page 13	2. Deputy Team Leader M.Tech degree in Civil/ Environmental Engineering Minimum 15 years' experience in water/wastewater sector with 5 years relevant experience as Deputy Team Leader/Senior Engineer in planning, design, execution of Industrial wastewater projects which should include min. 2 projects Experience in tannery effluent treatment / CETP projects.	M.Tech degree in Civil/ Environmental/ Chemical/Industrial Engineering Minimum 12 years' experience in water/wastewater sector with 3 years relevant experience as Deputy Team Leader/Senior Engineer in planning, design, execution of Industrial wastewater projects which should include min. 2 projects Experience in tannery effluent treatment or CETP projects
3	Clause 2.1.4.1, s.no.3, page 13	3. Process Engineer M.Tech degree in Civil/ Chemical/ Environmental Engineering Minimum 10 years' experience in water/wastewater sector with 5 years relevant experience as Process Engineer in planning, design, execution of Industrial wastewater projects which should include min. 2 projects Experience in tannery effluent treatment / CETP projects.	3. Process Engineer B.Tech in Civil/ Chemical/ Environmental Engineering Minimum 10 years' experience in water/wastewater sector with 5 years relevant experience as Process Engineer in planning, design, execution of Industrial wastewater projects which should include min. 2 projects Experience in tannery effluent treatment / CETP projects.

4	Clause 2.1.4.1, s.no.7, page 14	<p>7. Senior Structural Engineer Post-Graduation in Structural Engineering Should be a Civil Engineer in the field of Structural design of water and waste water Treatment plants with more than 15 years of overall experience and 5 years in Industrial waste water/ wastewater / water projects.</p>	<p>Post-Graduation in Structural Engineering Should be a Civil Engineer in the field of Structural design with more than 10 years of overall experience. He should have undertaken atleast 2 projects in wastewater / water projects.</p>
5	Clause 2.1.4.1, s.no.8, page 14	<p>8. O & M Engineer Post-Graduation/ Graduate in Civil/Mechanical/ Environmental Engineering Must be a STP / CETP Operational Engineer with at least 10 years of overall experience in Municipal domestic wastewater treatment facilities of which at least 2 years in Operational & Management at STP / CETP.</p>	<p>Post-Graduation/ Graduation in Engineering Must be a STP / CETP Operational Engineer with at least 10 years of overall experience in Municipal domestic or industrial wastewater treatment facilities of which at least 2 years in Operational & Management at STP / CETP.</p>
6	Clause 2.2.2 (A), page 16	<p>(A) Technical Capacity: The Bidder shall have, over the past 10 (ten) years preceding the PDD, has completed Eligible Technical Assignments in CETP specified in Clause 3.1.4. The technical experience mentioned herein is the minimum eligibility criteria for completed projects for any Bidder. Over and above this Bidder may submit additional completed /ongoing projects for claiming the Technical Capacity in accordance with clause 3.1.4 of the RFP document. However ongoing projects will be considered for evaluation only if the Bidder has received 80% of the professional fees /assignment value for the project</p>	<p>(A) Technical Capacity: The Bidder shall have, over the past 15 (fifteen) years preceding the month of publication of NIT, has completed Eligible Technical Assignments in CETP specified in Clause 3.1.4. The technical experience mentioned herein is the minimum eligibility criteria for completed projects for any Bidder. Over and above this Bidder may submit additional completed /ongoing projects for claiming the Technical Capacity in accordance with clause 3.1.4 of the RFP document. However ongoing projects will be considered for evaluation only if the Bidder has received 80% of the professional fees /assignment value for the project</p>

7	Financial Capacity: ITB Clause 2.2.2 (B), Page 16	The Bidder shall have received a minimum revenue of Rs. 10 (Ten) crore or US \$ 5 (Five) million per annum from professional fees during Financial Year 2018-19, 2019-20 and 2020-21. For the avoidance of doubt, professional fees hereunder refers to fees received by the Bidder for providing advisory or consultancy services(excluding Audit, Accounting, Taxation and Information Technology) to its clients for project development services/preparation of Detailed Project Reports(DPRs), Technical Feasibility Studies, Project Management Consultancy services, Third Party/Independent Engineer/Owners Engineer Services, Technical Audit services, Assessment of existing assets etc. for infrastructure projects.	The Bidder shall have received a minimum revenue of Rs. 07 (Seven) crores per annum from professional fees during Financial Year 2018-19, 2019-20 and 2020-21. For the avoidance of doubt, professional fees hereunder refers to fees received by the Bidder for providing advisory or consultancy services(excluding Audit, Accounting, Taxation and Information Technology) to its clients for project development services/preparation of Detailed Project Reports(DPRs), Technical Feasibility Studies, Project Management Consultancy services, Third Party/Independent Engineer/Owners Engineer Services, Technical Audit services, Assessment of existing assets etc. for infrastructure projects.
8	Clause No 3.1.3, Page 33	Scoring table	Revised Scoring Table attached end of this document
9	Eligible Assignments: Clause 3.1.4 (i) Page 35	Experience in Project Implementation Supervision, Testing and Commissioning of minimum 5 MLD capacity Industrial Common Effluent Treatment Plants (CETPs) or Wastewater Recycle and reuse treatment plant having min. capacity of 5 MLD for treated effluent supply for industrial use as a single contract.	Experience in Project Implementation Supervision, Testing and Commissioning of minimum 2 MLD capacity Industrial Common Effluent Treatment Plants (CETPs) or Wastewater Recycle and reuse treatment plant having min. capacity of 2 MLD for treated effluent supply for industrial use as a single contract.
10	Eligible Assignments: Clause 3.1.4(ii), Page 35	Experience in Project Implementation Supervision, Testing and Commissioning of minimum 1.5 MLD capacity Tannery based Industrial Effluent Treatment Plants (ETPs) as a single contract	(ii) Experience in Project Implementation Supervision, Testing and Commissioning of minimum 1 MLD capacity Tannery based Industrial Effluent Treatment Plants (ETPs).
11	Eligible Assignments: Clause 3.1.4(iv), Page 35	Experience in Project Implementation Supervision, Testing and Commissioning of at least one sewerage network / rising main for Industrial Effluent of minimum 10 (Ten) km length with size above 200 mm diameter and construction of sewage pumping stations / collection wells; as a single contract.	Experience in Project Implementation Supervision, Testing and Commissioning of at least one sewerage network / rising main for Industrial Effluent of minimum 10 (Ten) km length with size above 90 mm diameter and construction of sewage pumping stations / collection wells; as a single contract.
12	Duration for completion of works, Clause 1.3, Page 47	Duration for completion of works for component (A) to (D): 24 +6 Months	In case of delay in completion of construction for reasons attributable to concessionaire for a period beyond of 3 months from the scheduled date of construction completion, the Project Engineer will be paid on pro-rata basis of the fee quoted for construction, for such extended period.

The scoring criteria to be used for evaluation shall be as follows.

Sl. No.	Description	Marks (Max. 100)
1.	Experience in Bid/Contract Management, Project Implementation Supervision, Testing and Commissioning of minimum 2 MLD capacity Industrial Common Effluent Treatment Plants (CETPs) or Wastewater Recycle and reuse treatment plant having minimum capacity of 2 MLD for treated effluent supply for industrial use as a single contract	10 (5 marks for each project)
2.	Experience in Bid/Contract Management, Project Implementation Supervision, Testing and Commissioning of minimum 1 MLD capacity Tannery based Industrial Effluent Treatment Plants (ETPs)	15
3.	Experience in Project Implementation, supervision, design, construction, testing and commissioning of Zero Liquid Discharge (ZLD) system with Reverse Osmosis (R.O) and Reject Management System (RMS) in the Individual Effluent Treatment Plant (IETP) or CETP for industrial effluent as a single contract	10
4.	Experience in Project Implementation Supervision, Testing and Commissioning of at least one sewerage network / rising main for Industrial Effluent of minimum 10 (Ten) km length with size above 90 mm diameter and construction of sewage pumping stations/ collection wells; as a single contract	10
5.	Revenue from Professional Fees received as per Clause 2.2.2 (E) <ul style="list-style-type: none"> • Up to Rs.7 Cr: 5 marks • Rs.8 to 15 Cr: 7 marks • More than Rs 15 Cr: 10 marks 	10
6.	Concept, Approach and Methodology	20
7.	Relevant Experience of the Key Personnel	25
Break-up of key personnel		
	<i>i. Team Leader</i>	7
	<i>ii. Deputy Team leader</i>	5
	<i>iii. Senior Engineer Civil</i>	3
	<i>iv. Process Engineer</i>	2
	<i>v. Senior Electrical & Instrumentation Engineer</i>	2
	<i>vi. Senior Mechanical Engineer</i>	2
	<i>vii. Senior Structural Engineer</i>	2
	<i>viii. O&M Engineer</i>	2
Total		100