

National Institute of Urban Affairs
 1st Floor, Core 4B India Habitat Centre
 Lodhi Road, New Delhi –110003

Dated: 21-08-2024

Preparation of Urban River Management Plan (URMP) for Fifteen Cities in the States of Bihar, Jharkhand and West Bengal

Replies to the Pre-Bid Queries (Package I)

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
1	Darashaw & Company Private Limited			
1.1	Section 2. Instructions to Consultants; E. Data Sheet; ITC Reference; 2.3; Page No. Page 27 of 105	No pre-proposal conference will be held	We request the Authority to keep a provision for attending the Pre-Proposal Conference and provide at least a facility (VC link) to join the session through Video Conference (VC). This will enable our Off-shore Partners / Sub-consultant companies to also participate and get benefited with interactive session with the Tender Committee of NIUA / NMCG.	No pre-proposal conference will be held.
1.2	Section 2. Instructions to	Participation of Sub-consultants, Key Experts and Non-Key Experts in	We request to allow for Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal.	No change. As per RFP.

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	Consultants; E. Data Sheet; ITC Reference; 11.1; Page No. Page 28 of 105	more than one Proposal is permissible.	Such provision will certainly help in more competition, and provide prospective bidder more flexibility to prepare their competitive proposals.	
1.3	Instructions to Consultants A. General Provisions; Page No. Page 9 of 105	“Joint Venture (JV)” means an association with or without a legal personality distinct from that of its members, of more than one Consultant where one member has the authority to conduct all business for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.	We request the Authority to explicitly confirm if an applicant bids with 2-member consortium (Lead – Applicant + 2 members), then all members of the Consortium Proposal stands jointly and severally liable to the Client for the performance of the Contract, or not? Our understanding is if the Applicant-Lead Member takes the references of the member firms / companies, for	Yes, the Contract will be signed with all members of the Consortium/JV. All members of the Consortium Proposal stands jointly and severally liable to the Client for the performance of the Contract.
1.4	Section 2. Instructions to Consultants; E. Data Sheet; ITC Reference; 14.1.1; Page	Consortium/Joint Venture is permissible. The lead consultant can be an Indian registered entity or an international firm. The number of entities forming consortium/JV is restricted to three numbers (3 nos.)	technical credentials (including those of technical evaluation / scoring frameworks) and also for the financial capabilities of the members firms/companies, then only mode of Association allowed shall be	

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	No. Page 29 of 105	In case of JV/Consortium, Power of Attorney in favour of the Lead Member and JV/Consortium Agreement with scope of responsibilities to be submitted	establishing an un-incorporated Joint Venture and where the Contract with NIUA / NMCG shall be executed by each member of Joint Venture proposal selected for awarding the consultancy contract.	
1.5	Form TECH-5 Professional fees received by the consultant; page no. Page 54 of 105	* The Consultant should fill in details as per the row titled Annual turnover. In case the Consultant is a Joint Venture / Consortium, for the purpose of evaluation on financial parameters, financial parameters of all the members shall be furnished in separate sheets for consideration.		
1.6	Section 3 – Pre-Qualification and Technical Evaluation Criteria Page No. 33 of 105	<p>Technical Capacity Minimum Criteria</p> <p>The Consultant/s in its last 5 years of experience should have completed at least two projects each for (a) and (b), and at least two projects from across (c), (d) and (e) as mentioned below:</p>	<p>We request the Authority to consider as below</p> <p>Technical Capacity Minimum Criteria</p> <p>The Consultant/s in its last 10 years of experience should have completed at least two projects each for (a) and (b), and at least two projects from across (c), (d) and (e) as mentioned below:</p>	Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		<p>a. Urban Planning and development –two projects compulsory</p> <p>b. River management/planning and development – two projects compulsory</p> <p>c. Urban water bodies rejuvenation</p> <p>d. Urban bio-diversity, ecology, landscape development</p> <p>e. Participatory approaches in urban planning</p> <p>The technical experience mentioned herein is the minimum eligibility criteria for completed projects for any Consultant.</p> <p>Consultants may submit additional completed/ongoing projects for claiming the technical capacity in</p>	<p>a. Urban Planning and development – two projects compulsory</p> <p>b. River management/planning and development – two projects compulsory</p> <p>c. Urban water bodies rejuvenation</p> <p>d. Urban bio-diversity, ecology, landscape development</p> <p>e. Participatory approaches in urban planning</p> <p>The technical experience mentioned herein is the minimum eligibility criteria for completed projects for any Consultant.</p> <p>Consultants may submit additional completed/ongoing projects for claiming the technical capacity in accordance with Technical Evaluation Criteria</p>	

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		accordance with Technical Evaluation Criteria		
1.7	Section 2. Instructions to Consultants E. Data Sheet Page No. 30 of 105	B. Preparation of Proposals 17.9 The Proposals must be submitted no later than: Date: 23rd August 2024 Time: 17:00 Hrs IST	We request Authority to provide Minimum (3) three Weeks extension after reply to pre bid queries/Issuing Corrigendum/Addendum with changes in terms and conditions to the tender document.	Last date for submission of proposals has been extended till 6 th September 2024. Please visit www.niua.in/tenders .
2	Voyants Solutions Private Limited (VSPL), India			

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
2.1	Section 3. Pre-Qualification and Technical Evaluation Criteria S. No. 2- Technical Capacity	<p>Section 3 – Pre-Qualification and Technical Evaluation Criteria</p> <p>The consultant in its last 5 years of experience should have completed at least three projects each for (a) and (b), and at least three projects from across (c), (d) and (e) as mentioned below:</p> <p>a) Urban Planning and development – three projects compulsory b) River management/planning and development – three projects compulsory c)Urban waterbodies rejuvenation d)Urban bio-diversity, ecology, landscape development e) Participatory approaches in urban planning</p> <p>The technical experience mentioned herein is the minimum eligibility criteria for completed projects for any Consultant.</p>	<p>We kindly request to modify the clause as:</p> <p>The consultant in its last 5 years / 15 Years of experience should have completed / Ongoing at least three /One projects each for (a) and (b), and at least three projects from across (c), (d) and (e) as mentioned below:</p> <p>a) Urban Planning and development – three projects compulsory / One Project Compulsory b) River or Lakes management/planning / and development – three projects compulsory / One Project Compulsory c)Urban waterbodies rejuvenation d)Urban bio-diversity, ecology, landscape development e) Participatory approaches in urban planning or equivalent</p>	<p>Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant.</p>

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		<p>Consultants may submit additional completed/ongoing projects for claiming the technical capacity in accordance with Technical Evaluation Criteria</p>		

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
2.2	<p>Technical Evaluation Criteria for Selection of Consultant</p> <p>S. No. 1</p> <p>Page No. 34 & 35</p>	<p>Experience in similar assignments and studies – Completed and Ongoing (on-going projects will be considered only if more than 80% professional fees/assignment value received).</p> <p>The consultant shall have completed a minimum of 8 eligible assignments – three compulsory assignments as per (a), three compulsory assignments as per (b) and rest two assignments from (c), (d) and (e) as per the following:</p> <p>a. Urban planning and development experience (three assignments compulsory) - The consultant shall demonstrate experience in assignments focused at urban planning projects at city scale like Master Plan, Development Plan, Sanitation Plan, Environmental Management Plan, City Investment Plan, City Vision Document for a</p>	<p>We kindly request to modify the clause as:</p> <p>Experience in similar assignments and studies – Completed and Ongoing (on-going projects will be considered only if more than 80% professional fees/assignment value received).</p> <p>The consultant shall have completed a minimum of 8 / 4 eligible assignments – three / One compulsory assignments as per (a), three / One compulsory assignments as per (b) and rest two assignments from (c), (d) and (e) as per the following:</p> <p>Urban planning and development experience - (three assignments compulsory) - The consultant shall demonstrate experience in assignments focused at urban planning projects at city scale like Master Plan, Development Plan, Sanitation Plan, Environmental Management Plan, City Investment</p>	<p>No change. As per RFP.</p>

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		<p>minimum population of 1 lakh and above, and minimum be considered for evaluation (Upto 3 projects: 250 marks, 4-6 projects: 350, More than 6 projects: 450 marks)</p> <p>b. River management/planning and development experience (three assignments compulsory) - The consultant shall demonstrate experience in projects related to river-front development, drain rejuvenation, river linked livelihood (tourism, fishing, agriculture) or any other assignment having river as subject of study with a minimum project value of INR 25 lakhs for each project shall be considered for evaluation (Upto 3 projects: 250 marks, 4-6 projects: 350, More than 6 projects: 450 marks)</p>	<p>Plan, City Vision Document for a minimum population of 1 lakh / 50 Lakhs and above, and minimum be considered for evaluation (Upto 2 projects: 200 marks, 2-3 projects: 300, More than 4 projects: 450 marks)</p> <p>b. River management or lakes /planning and development experience (three /One assignments compulsory) - The consultant shall demonstrate experience in projects related to river-front development, drain rejuvenation, river linked livelihood (tourism, fishing, agriculture) or any other assignment having river or lake as subject of study with a minimum project value of INR 25 lakhs /10 Lakhs for each project shall be considered for evaluation (Upto 2 projects: 200 marks, 2-3 projects: 300, More than 4 projects: 450 marks)</p>	

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
2.3	Page No. 36	(f) Regional experience (relevant project experience in cities for which URMP to be prepared) – (10 marks for each project city) – The consultant shall demonstrate project experience (minimum one project) across (a), (b), (c), (d) and (e) as mentioned above in any of the 15 cities for which URMP to be prepared.	We kindly request to modify the clause: Regional experience (relevant project experience in cities for which URMP to be prepared) – (10 marks for each project city) – The consultant shall demonstrate project experience (minimum one project) across (a), (b), (c), (d) and (e) as mentioned above in any of the 15 cities for which URMP to be prepared.	
3 PWC				
3.1	Data Sheet Clause 2.4, Page 27	The client will provide the following inputs, project data, reports, etc. to facilitate the preparation of the proposals: Not applicable	Considering the duration of the project and large scope, could you kindly confirm that the data required for the broad understanding provided by the cities would be reviewed by NIUA PMU, and we do not have to review the existing data on our own? To what extent are primary surveys to be conducted for new data collection and mapping. Kindly confirm regarding existing municipal data	The consultant will have to collect all necessary data from the ULB /other departments /relevant sources and validate the same. Please refer indicative data checklist & brief on detailing of interventions. Refer Annexure 1&2 of this document (Pg 38). Same is also attached with corrigendum/ addendum.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
			availability and feasibility for preparation of URMP.	
3.2	Data Sheet clause 11.1 Page no. 28	Participation of Sub-Consultants, key experts and non-key experts in more than one proposal is permissible -NO	Could you confirm if this restriction applies to only key/ non-key or does it also apply to the consortium. Kindly also confirm whether the same consortium is able to participate in URMP Package I and Package II proposal. Kindly confirm whether sub consultants, key experts or non-key experts are able to participate in Package 1 and Package 2 proposals.	The CVs of Sub-consultants, Experts, non-key experts cannot be repeated within proposals under the same Package. However, the CVs can be repeated across Package 1 and Package 2.
3.3	Pre-qualification criteria for evaluation of technical proposal	The consultant/s in its last 5 years of experience should have completed at least two projects for (a) and (b) and at least two projects from across (c), (d), and (e) as mentioned below: a) Urban Planning and development – two projects. Compulsory b) River management/planning and development – two	We request the authority to please consider the projects completed in last 7 years.	Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		projects compulsory c) Urban waterbodies rejuvenation d) Urban bio-diversity, ecology, landscape development e) Participatory approaches in urban planning		
3.4	Technical evaluation criteria (1) (c) page no. 35	Urban Waterbodies Rejuvenation and related project experience - The consultant shall demonstrate experience in projects pertaining to rejuvenation of waterbodies/wetlands, catchment development, lake development (recreational, place making) etc. Projects involving waterbodies of area bigger than 1 acre, and project value of minimum INR 10 lakhs shall be considered for evaluation	Are projects involving multiple smaller waterbodies (collectively exceeding 1 acre) considered eligible?	No change. As per RFP.
3.5	Technical evaluation criteria (1) (F) Page no. 36	Regional experience (relevant project experience in cities for which URMP to be prepared) – (10 marks for each project city) – The consultant shall demonstrate	We request the authority to relax this criteria and allow for the demonstration of project experience in any of the 15 cities, rather than specific experience across technical	No change. As per RFP.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		project experience (minimum one project) across (a), (b), (c), (d) and (e) as mentioned above in any of the 15 cities for which URMP to be prepared.	evaluation criteria (a), (b), (c), (d) and (e).	
3.6	Technical evaluation criteria (3) Page no. 37	Urban Environment Expert: Minimum Qualification - Graduate in environmental engineering/planning and Postgraduate in urban environmental planning, public health engineering, environmental engineering, or related discipline	Could you confirm if a post-graduation degree in urban environment planning, public health engineering, environmental engineering / related discipline is mandatory or post-graduation in management/ MBA with extensive practical experience also considered?	Please refer corrigendum/ addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.
3.7	Technical Evaluation criteria (3) Page no. 39	Lead Researcher: Minimum Qualification - Graduation in engineering/planning and Post-graduation in Engineering, Urban/Environmental/Infrastructure Planning, or related discipline	Could you confirm if a post-graduation degree in Engineering, Urban/Environmental/Infrastructure Planning or related discipline is mandatory or post-graduation in management/ MBA with extensive practical experience also considered? Could you clarify whether the lead Researchers are going to be full-time	Yes. Post-graduation in management/MBA with extensive practical experience will be considered. Please refer corrigendum/ addendum, Section 3: Team Composition. Full time deployment of Lead Researchers in their respective cities is not mandatory. However, the technical proposal will be

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			<p>deployed on the project, will be based out of their respective city?</p>	<p>evaluated on the basis of team inputs in the field.</p>
3.8	Form TECH -4 Page no. 46	<p>Format for Affidavit Certifying that Entity is not Blacklisted. I / We Proprietor/ Partner(s)/ Director(s) of M/s ----- ----- hereby declare that the firm/company namely M/s----- ----- has not been blacklisted or debarred in the past by the World Bank. Or I / We Proprietor/ Partner(s)/ Director(s) of M/s ----- ----- hereby declare that the firm/company namely M/s----- ----- was blacklisted or debarred by any other Government</p>	<p>After the first part, there is an 'OR' and then the second part begins which is related to blacklisted or debarred by any other Government Department. Please confirm whether the second part is optional? Can we provide the blacklisting declaration mentioned in the first part only or it is mandatory to provide blacklisting declaration related to both the parts.</p>	<p>Submission of either of the two options will suffice.</p>

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		<p>Department from taking part in Government tenders for a period of ----- years w.e.f.----- ----- . The period is over on ----- --and now the firm/company is entitled to take part in Government tenders.</p>		
3.9	Section 7. terms of reference Page 69.	<p>1st Meeting of the Multistakeholder URMP Working Group Conduct the first meeting (inception/kick off) of the working group under the chairmanship of the city official (nominated to chair the working group meetings). The objectives of the meeting shall be introducing the project to the members, preliminary understanding of city's current situation and issues with respect to river and associated eco-system, expected support from the group members and sharing of</p>	<p>Could you please confirm if the logistics and boarding for the 3 Multistakeholder URMP Working Group workshop or any other workshops will be directly covered by the Municipal Corporation or Contracting Authority?</p>	<p>The URMP Working Group meeting will be convened by the Chairman/ Chairperson of the working group. The consultant's responsibilities include:</p> <ol style="list-style-type: none"> a. Setting the meeting agenda b. Coordinating with working group members. c. Facilitating the meeting including arrangement for the meeting logistics.

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		way forward strategy for URMP preparation		
3.10	Section 7. terms of reference Page 69	Prepare baseline assessment report – data collection (primary/secondary) for conducting baseline assessment to identify gaps with regards to the 10 URMP objectives. The baseline and gaps to be presented in spatial format as well (GIS based maps).	<p>Could you please provide more clarity on the nature of support that will be provided for baseline assessment and data collection?</p> <p>Specifically, in cases where additional data is required, will it be the consultant's responsibility to gather this data on-site?</p> <p>Further, if could you specify if there is an established timeline for data collection and the subsequent updating of studies?</p>	<p>The consultant will have to collect all necessary data from the ULB /other departments /relevant sources and validate the same.</p> <p>Please refer indicative data checklist & brief on detailing of interventions. Refer Annexure 1&2 of this document (Pg 38).</p> <p>Same is also attached with corrigendum/ addendum.</p>
3.11	Submission Date	Closing Date 23-08-2024	<p>Considering the significance of the project and upcoming holidays (i.e. Independence Day, Raksha Bandhan, Janmashtami) we kindly request the authority an extension of the current submission deadline from 23rd August 2024 to 6th September 2024 (i.e. 3 weeks from date of release of clarification). This shall allow us to complete the</p>	<p>Last date for submission of proposals has been extended to 6th September 2024. Please visit www.niu.in/tenders.</p>

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
			required internal compliance processes and prepare a quality proposal.	
4	Fortress			
4.1	Page no. 33, Section 3- prequalification and technical evaluation criteria	The consultant in its last 5 years of experience should have completed at least three projects each for (a) and (b), and at least three projects from across (c), (d) and (e) as mentioned below: a. Urban Planning and development – 03 projects compulsory b. River management/planning and development – 03 projects compulsory c. Urban waterbodies rejuvenation d. Urban bio-diversity, ecology, landscape development e. Participatory approaches in urban planning.	The consultant in its last 7 years of experience should have completed at least three projects each for (a) and (b), and at least three projects from across (c), (d) and (e) as mentioned below: a. Urban Planning and development – 03 projects compulsory b. River management/planning and development – three projects compulsory c. Urban waterbodies rejuvenation d. Urban bio-diversity, ecology, landscape development e. Participatory approaches in urban planning	Please refer corrigendum/addendum for the revised Technical Evaluation criteria.
4.2	Page no. 34 , technical evaluation criteria for	(b) Urban planning and development experience –	(b) Urban planning and development experience –	Please refer corrigendum/addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
	<p>selection of consultant.</p>	<p>The consultant shall demonstrate experience in assignments focused at urban planning projects at city scale like Master Plan, Development Plan, Sanitation Plan, Environmental Management Plan, City Investment Plan, City Vision Document for a minimum population of 1 lakh and above, and minimum project value of INR 25 lakhs for each project shall be considered for evaluation.</p> <p>(d) Urban bio-diversity, ecology, landscape development and related project experience – The consultant shall demonstrate experience in projects around developing bio-diversity parks, ecology parks, planning and developing urban greens having project value of minimum INR 10</p>	<p>The consultant shall demonstrate experience in assignments focused at urban planning projects at city scale like Master Plan, Development Plan, Sanitation Plan, Environmental Management Plan, City Investment Plan, City Vision Document, Smart City Plan for a minimum population of 1 lakh and above / area of >5 Sq Km. and minimum project value of INR 25 lakhs for each project shall be considered for evaluation.</p> <p>(d) Urban bio-diversity, ecology, landscape development and related project experience – The consultant shall demonstrate experience in projects around developing bio-diversity parks, ecology parks, planning and developing urban greens, Plantation & Landscaping works having project</p>	

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		<p>lakhs shall be considered for evaluation</p> <p>(e) Participatory approaches in urban planning and development projects</p> <p>- The consultant shall demonstrate experience in adopting participatory approaches (formal/informal) aimed at engaging with various stakeholders during the different stages of project planning and implementation in urban context. For e.g., creating working groups, task force, samiti's etc. (having a minimum of 10 members and above)</p>	<p>value of minimum INR 10 lakhs shall be considered for evaluation</p> <p>(e) Participatory approaches in urban planning and development projects</p> <p>- The consultant shall demonstrate experience in adopting participatory approaches (formal/informal) aimed at engaging with various stakeholders during the different stages of project planning and implementation in urban context. For e.g., creating working groups, task force, samiti's etc. (having a minimum of 10 members and above).</p> <p>"We request consideration of projects involving stakeholder engagement during the planning stage, as quantifying specific numbers of stakeholders is challenging."</p>	

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4.3	Page no. 37&38, 3. Team composition: Urban environment expert	Min. Qualification - Graduate in environmental engineering/planning and Post graduate in urban environmental planning, public health engineering, environmental engineering or related discipline	Requesting you to also modify the Min. qualification as below: Urban Environment Expert: Min. Qualification - Graduate in Civil Engineering /environmental engineering/planning and Post graduate in urban environmental planning, public health engineering, environmental engineering or related discipline.	Please refer corrigendum/ addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.
4.4	Page no. 38, 3. Team composition: Urban Biodiversity/ ecology expert	Min. Qualification - Graduate in landscape architecture, forest management, life sciences and post-graduation in life sciences, forest management, environmental sciences, environmental management, or related discipline	Requesting you to also modify the Min. qualification as below: Urban Bio-diversity/Ecology Expert: Min. Qualification - Graduate in landscape architecture, Architecture , forest management, life sciences and post-graduation in life sciences, forest management, environmental sciences, environmental management, Landscaping or related discipline	Please refer corrigendum/ addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.
4.5	Submission Date	Proposal Submission Due Date: by 23rd August, 2024 , in physical copy	To prepare a comprehensive technical proposal coping with the changes made in criteria, if any. We hereby	Last date for submission of proposals has been extended to 6 th

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
			request you to extend the date of submission by at least 15 working days post publication of pre-bid clarification.	September 2024. Please visit www.niu.in/tenders .
5	RIKA India			
5.1	General	NA	What type of datasets would be provided by the cities? (e.g. GIS based maps and statistical data) In absence of certain spatial and non-spatial dataset availability will the client ensure the datasets are provided to the consultants?	The consultant will have to collect all necessary data from the ULB /other departments /relevant sources and validate the same. Please refer indicative data checklist & brief on detailing of interventions. Refer Annexure 1&2 of this document (Pg 38). Same is also attached with corrigendum/ addendum.
5.2	General	NA	Are there any specific relaxations in Organizational eligibility criteria for the applicants who are from Start-up or academia?	No change. As per RFP.
5.3	General	NA	The final deliverable does not specify the number of rounds of reviews/revisions that would be done from their end before project completion. It would be good if the client can specify that considering	The number of rounds of reviews/ revisions is subject to the quality of draft report submitted by the consultant. The feedback shall be provided by the client (NIUA) and the working group within 15 days of

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			multiple rounds would not be possible in the strict time frame.	the submission of report by the consultant.
5.4	NA	NA	Can premier academic institutions like IITs be a part of the consortium/JV?	Yes, subject to fulfilling of the minimum eligibility criteria.
6	TRACTABEL Engineering Pvt Ltd			
6.1	RFP pg-34 Technical evaluation Criteria for Selection of Consultant	The consultant shall have completed a minimum of 8 eligible assignments – three compulsory assignments as per (a), three compulsory assignments as per (b) and rest two assignments from (c), (d) and (e) as per the following:	We understand that if the project is large infrastructure project, having multiple sub-projects in it, such as Smart city projects, etc. And if in this case, if bidder have separate completion certificate for separate sub projects (for example Riverfront, Lake, Waterbodies, etc.), then the project will be considered as separate project under 8 eligible completed assignments and ongoing assignments.	The Consultant’s understanding is correct, subject to availability of proper documentation.
6.2	RFP Pg-35 Technical evaluation Criteria for Selection of Consultant		In large infrastructure project, it is not necessary that client will provide separate certificates for all the sub-projects. They may provide single certificate comprising of all the components. This may	No change. As per RFP

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		<p>d) Urban bio-diversity, ecology, landscape development and related project experience - The consultant shall demonstrate experience in projects around developing bio-diversity parks, ecology parks, planning and developing urban greens having project value of minimum INR 10 lakhs shall be considered for evaluation (Upto 2 projects: 150 marks, 3-5 projects: 225, More than 5 projects: 300 marks</p>	<p>or may not consist of separate sub-project cost. We request to kindly modify the criteria as: d) Urban bio-diversity, ecology, landscape development and related project experience - The consultant shall demonstrate experience in projects around developing bio-diversity parks, ecology parks, planning and developing urban greens having project value of minimum INR 10 lakhs shall be considered for evaluation (Upto 2 projects: 150 marks, 3-5 projects: 225, More than 5 projects: 300 marks</p>	
6.3	RFP Pg-37 Technical evaluation Criteria for Selection of Consultant	Urban Planning Expert (3 positions) Min. Qualification - Graduation in Engineering/planning, Post-graduation in Engineering (civil/environmental/water resources), Urban/Environmental/Infrastructure Planning,	The quantum of experts required are 3. It will be difficult for bidders to have which experts with the mentioned criteria. We request to kindly modify the clause as: Graduation in Engineering/planning/Geography/Eco	Please refer corrigendum/addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		Water Resources Management or related discipline from a recognized institution	nomics OR Post-graduation in Engineering (civil/ environmental/water resources), Urban/Environmental/ Infrastructure Planning/ Urban Planning, Water Resources Management or related discipline from a recognized institution	
6.4	RFP Pg-37-38 Technical evaluation Criteria for Selection of Consultant	Urban Environment Expert (3 positions) Min. Qualification - Graduate in environmental engineering/planning and Post graduate in urban environmental planning, public health engineering, environmental engineering or related discipline	In line with the reasons mentioned above (Sl. No. 3), we request to modify the clause as: Graduate in environmental engineering/planning OR Post graduate in urban environmental planning, public health engineering, environmental engineering/ Environmental Science or related discipline	Please refer corrigendum/ addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.
6.5	RFP Pg-38 Technical evaluation Criteria for Selection of Consultant	Urban Bio-diversity/Ecology Expert (3 positions) Min. Qualification - Graduate in landscape architecture, forest management, life sciences and post-graduation in life sciences,	In line with the reasons mentioned above (Sl. No. 3), we request to modify the clause as: Graduate in landscape architecture, forest management, life sciences	Please refer corrigendum/ addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		forest management, environmental sciences, environmental management or related discipline	OR post-graduation in life sciences, forest management, environmental sciences, environmental management/ Biology/Zoology/Botany/Environmental Science or related discipline	
6.6	RFP Pg-39 Technical evaluation Criteria for Selection of Consultant	GIS Mapping Expert (2 position) Min. Qualification - Graduation in engineering/planning, Post Graduate in GIS and Remote Sensing, Urban Planning/Engineering with specialization in GIS based mapping	In line with the reasons mentioned above (Sl. No. 3), we request to modify the clause as: Graduation in engineering/planning/ Geography OR Post Graduate in GIS and Remote Sensing, Urban Planning/Engineering with specialization in GIS based mapping.	Please refer corrigendum/addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.
6.7	RFP Pg-38 Technical evaluation Criteria for Selection of Consultant	Lead Researcher (15 positions) Min. Qualification - Graduation in engineering/planning and Post-graduation in Engineering, Urban/Environmental/Infrastructure Planning or related discipline	In line with the reasons mentioned above (Sl. No. 3), we request to modify the clause as: Graduation in engineering/planning OR Post-graduation in Engineering/Urban/Environmental/Infrastructure Planning or related discipline	Please refer corrigendum/addendum for the revised Technical Evaluation criteria, Section 3: Team Composition.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
6.8	RFP Pg-4 Request for Proposal Letter	5. The method of selection is Fixed Cost Based Selection (FBS) with a ceiling amount of INR 3,75,00,000/- (Indian Rupees Three Crore Seventy Five Lakhs only including all applicable taxes and fees)	The method of selection is Fixed Cost Based Selection (FBS) with a ceiling amount of INR 3,75,00,000/. Also, as per RFP the experts asked are 26 having Graduate plus Post Graduate degree.	No change. As per RFP
6.9	RFP Pg-37-39 Team composition	Team composition	All the experts with Post Graduation degree will be very expensive. This may cause loss to bidder with much higher ceiling amount. We request to kindly increase the ceiling amount or reduce the Qualification criteria of the experts to Graduate (except for Urban Planning Expert).	No change. As per RFP
6.10	RFP Pg- 71 Economics for submission of deliverables and	All the payments shall be made only after verification and acceptance of the reports by NIUA	As per standard industry practice, we understand that verification and acceptance of the reports by NIUA, will be made within 15 days of the submission of report.	Client (NIUA) will provide feedback within 15 days of report submission.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
	Payment Schedule		For smooth cash flow, we request to kindly split the payments terms in 2 parts. 1st Part - 75% of payment after submission of deliverables. 2nd Part - 25% of payment after approval.	No change. As per RFP.
6.11	RFP Pg- 69 3. Detailed scope of work for the assignment	c. Prepare baseline assessment report – data collection (primary/secondary) for conducting baseline assessment to identify gaps with regards to the 10 URMP objectives.	Is it the role of consultant the to collect all cities data. We request to kindly provide list of data available with NIUA. We request to kindly provide list of mandatory survey and testing. Kindly Provide	The consultant will have to collect all necessary data from the ULB /other departments /relevant sources and validate the same. Please refer indicative data checklist & brief on detailing of interventions. Refer Annexure 1&2 of this document (Pg 38). Same is also attached with corrigendum/ addendum.
6.12	RFP Pg- 69 3. Detailed scope of work for the assignment	f. Prepare draft URMP report - potential interventions addressing the gaps/prioritized issues as identified in the Baseline Assessment Report. Each intervention detailing to include	Do consultant have to work feasibility analysis for selection of project or through stakeholders analysis projects will be identified. Kindly confirm	The project should be based on technical feasibility and approved by the URMP working group.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
		project rationale, conceptual idea, components of the project, broad cost estimates, implementation strategy (agency responsible, funding avenue, time line for implementation etc.)		
6.13	RFP Pg- 71 Timeline for submission of deliverables and Payment Schedule	Timeline for submission of deliverables and Payment Schedule	The project timeline is very stringent/tight and will be difficult to be achieved. We request to kindly modify it as mentioned below: Baseline assessment report (draft)- 12 weeks from conducting of the first URMP WG Meeting Draft URMP- Within eight weeks from submission of Final Baseline Assessment Report.	Please refer corrigendum/ addendum for modified timelines.
6.14	RFP page 30	17.9 The Proposals must be submitted no later than Date: 23 rd August 2024 Time: 17:00 Hrs IST	As per the standard industry practice, we request to kindly allow Last Date for uploading of Tender documents to be 15 working days from the date of Publication of response to Pre-Bid queries.	Last date for submission of proposals has been extended to 6 th September 2024, 17.00 IST.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
6.15	General	The Proposal in physical copy comprising of the Technical Proposal and Financial Proposal should be submitted at the NIUA Office (1st Floor, Core 4B, India Habitat Centre Lodhi Road, New Delhi - 110 003) by 23rd August, 2024, 17:00 hrs IST.	As per the standard industry practice, we request to kindly allow hardcopy submission to be 3 days after online bid submission date.	No change. The soft and hard copy of the proposal should be submitted latest by 6 th September, 2024 17:00 IST.
6.16	RFP Page 37-39 Team Composition	Urban Planning Expert (2 positions) Urban Environment Expert (2 positions) Urban Bio-diversity/Ecology Expert (2 positions) GIS Mapping Expert (1 position) Lead Researcher (10 positions)	As per the requirements RFP, there are total number of 26 resumes asked at bidding stage. For any of the consultant/bidder it will be very difficult to furnish 26 CVs that too having qualification of Graduate with Post Graduation. We request to kindly reduce the number of CVs to be furnished as: Urban Planning Expert (2 positions) Urban Environment Expert (2 positions) Urban Bio-diversity/Ecology Expert (2 positions) GIS Mapping Expert (position)	No change. As per RFP.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
6.17	RFP Page 90 35. Replacement of Key Experts	Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, and at the same rate of remuneration.	Though the consultant always wants to retain its employees/key experts, but it is not always in hands of consultant. We understand that Resignation by any expert will also be considered as ground for replacement of experts.	Please refer clause 12.7 on Pg 15, clause 27.4 on Pg 23, and clause 35 on Pg 90 of RFP.
7	Urban 95 & IHBC			
7.1	General	NA	I am reaching out to inquire whether the tender call is open globally or exclusively dedicated to Indian entities and individuals.	The tender call is open globally. International firms can apply subject to fulfilling of requirements as mentioned under Section 3 of the RFP.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
8	Ernst and Young LLP			
8.1	Page 4 Request for Proposal Letter	Allocated Budget INR 3.75 Cr. (including all applicable taxes and fees) and Selection Method – Fixed Cost Budget Selection (FBS) [In case, the Financial Proposal exceeds the permissible budget, the Consultant will be disqualified]	Considering preparation of URMP for 15 cities (Package I) scattered across three states, allocated budget seems very tight. We sincerely request you to please allocate additional INR 1.5 Cr. budget or change the selection method from FBS to QCBS – 80:20 to attract more bid and better competition.	No change. As per RFP.
8.2	Page 33 Technical Capacity Minimum Criteria	The Consultant/s in its last 5 years of experience should have completed at least three projects each for	Request to please increase the time horizon from 5 to 10 Years.	Please refer corrigendum/ addendum for the revised eligibility criteria.
8.3	Page 33 Financial Capacity	The consultant applying as a sole applicant should have received a minimum of INR 7 Crore from professional fees in any three years.... In a Consortium/JV, all firms together should have received a minimum of INR 10 Crore from professional fees	We kindly request that the qualification threshold be raised to a minimum of INR 30 Crore in case of single bidding and INR 40 crore in case of Consortium/ JV, it brings homogeneity in competition. This adjustment would help to ensure that organizations with robust technical expertise, in-house capabilities with	No change. As per RFP.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
			backstopping support pool, and a solid financial foundation are attracted to participate.	
8.4	Page 37 Team Composition	RfP requires to match Graduation as well as Post Graduation degree for each postposed position	Considering FBS selection, getting expert with education match in Graduation as well as PG within limited budget is very difficult. We request you to please consider Graduation, PG or Above as an alternative.	
8.5	Page 37 Technical evaluation criteria for selection of consultant (Team Composition Sl. No 3)	Urban Planning Expert- Graduation in Engineering/planning, Post-graduation in Engineering (civil/environmental/water resources), Urban/Environmental/ Infrastructure Planning, Water Resources Management or related discipline from a recognized institution	We propose that a bachelor's in architecture could also be deemed suitable for consideration. Request you to please modify the educational criteria as - Graduation or PG or Above in Engineering (civil/ environmental/ water resources), Urban/ Environmental/ Infrastructure Planning/ Architecture, Water Resources Management as minimum requirement. Furthermore, we seek clarification on whether a Ph.D. in Architecture and Planning would be acceptable for this role.	Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant, Section 3: Team Composition. It can be considered, if the expert fulfills the minimum qualification and experience criteria for the Urban Planning Expert position.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
8.6	Page 37 Technical evaluation criteria for selection of consultant (Team Composition Sl. No. 3)	Urban Environment Expert- Graduate in environmental engineering/planning and Postgraduate in urban environmental planning, public health engineering, environmental engineering or related discipline	<p>Post-graduate in Environmental Management, Sustainability may also be considered as eligible for this position. Request you to please modify this criteria as - Graduation or PG or Above in environmental engineering/ planning /urban planning, public health engineering, Environmental Management, Sustainability or related discipline.</p> <p>Furthermore, we seek clarification on whether a Ph.D. in Environment Science and Engineering would be acceptable for this role.</p>	<p>Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant, Section 3: Team Composition.</p> <p>PhD in Environment science and engineering can be considered, if the expert fulfills the minimum qualification and experience criteria for the Urban Planning Expert position.</p>
8.7	Page 38 Under Technical evaluation criteria for selection of consultant	Urban Bio-diversity/Ecology Expert Graduate in landscape architecture, forest management, life sciences and post-graduation in life sciences, forest management, environmental sciences, environmental management or related discipline	Post-graduate in Natural Resource Management may also be considered as eligible for this position. Request you to please modify this criteria as - Graduation or PG or Above in landscape architecture, forest management, Natural Resource	Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant, Section 3: Team Composition.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
	(Team Composition Sl. No. 3)		Management, life sciences, environmental sciences, environmental management or related discipline.	
8.8	Page 39 Technical evaluation criteria for selection of consultant (Team Composition Sl. No. 3)	GIS Mapping Expert with more than 7 years of experience in GIS/Remote Sensing based..... Graduation in engineering/planning, Post Graduate in GIS and Remote Sensing, Urban Planning/Engineering with specialization in GIS based mapping	RS & GIS work being repetition of same technical work, experience plays very limited role unlike all other technical position. Hence we request you to please relax the minimum professional experience from 7 years to 5 years. Considering expert position and it's role in the assignment, Post Graduate in Geo-informatics, GIS and / Remote Sensing may be sufficient to meet the assignment requirement. Hence, we request you to please relax this criteria as – Graduation in Geography/ GIS and / Remote Sensing, Engineering/ Planning/ Forestry/ Geology or any Science discipline with PG degree/ diploma / certificate in Geoinformatics, GIS and / Remote Sensing, Urban Planning/Engineering	Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant, Section 3: Team Composition.

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
			with specialization in GIS based mapping.	
8.9	Page 39 Technical evaluation criteria for selection of consultant (Team Composition Sl. No. 3)	Lead Researcher with more than 5 years of experience in urban/environmental planning.... Graduation in engineering/planning and Post-graduation in Engineering, Urban/Environmental/Infrastructure Planning or related discipline	As Researchers will be working under different thematic experts proposed under this assignment, hence we request you to please relax the minimum years of experience from 5 years to 3-4 years. Considering the roles and responsibility of lead researchers under the guidance of thematic experts, educational qualification horizon may be relaxed further. Graduation or PG or Above in engineering, Urban/Environmental / Infrastructure Planning, architecture, Geology, forest management, Natural Resource Management, life sciences, environmental sciences, environmental management, suitability, climate change or related discipline.	Please refer corrigendum/ addendum for the revised Technical Evaluation Criteria for Selection of Consultant, Section 3: Team Composition.
8.10	Page 69 3.c		We assume that NIUA will provide all necessary geo-spatial information,	The consultant will have to collect all necessary data from the ULB

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
	Prepare baseline assessment report		<p>including GIS-based shapefiles, coordinates for discharge points, drainage layouts, land use and cover maps, details on the number and capacity of nalas (drains) along with their discharge points, water and soil quality data, statistics on the usage of fertilizers and chemicals in the riparian zones, siltation data, reports on environmental flow assessments, seasonal water discharge figures, and details regarding the number of industries and the capacity of their Effluent Treatment Plants (ETPs). As there is no mention of required scale and resolution, our approach will involve utilizing open-source data for all GIS mapping and geo- spatial analyses. This will result in a resolution of 30 meters and 1:50,000 scale. Should NIUA require higher resolution and scale, it is expected that they will provide satellite imagery of high</p>	<p>/other departments /relevant sources and validate the same.</p> <p>Please refer indicative data checklist & brief on detailing of interventions. Refer Annexure 1&2 of this document (Pg 38).</p> <p>Same is also attached with corrigendum/ addendum.</p>

S. No.	RFP Clause	Description as per RFP	Pre-bid queries	Replies / remarks
			resolution and digitized or georeferenced topo sheets at the necessary scale.	
8.11	Page 70 4 Payment Schedule and Conditions	The period of the consultancy assignment is 7 months from the date of award of contract	Considering geographical coverage of 15 cities scattered across three states, 7 months' assignment duration seems to be very tight. We request you to please extend the duration to 9 months for smooth operation and successful delivery of the work with required quality.	Please refer corrigendum/ addendum for the revised timelines.
9	Pureways Infra			
9.1			Given the ongoing holidays, including Independence Day on August 15th, Saturday and Sunday, followed by Raksha Bandhan on August 19th (Monday), we anticipate difficulties in coordinating and finalizing our submission. We respectfully request an extension of the submission deadline by at least 10 days to account for these consecutive holidays	Last date for submission of proposals has been extended to 6 th September 2024. Please visit www.niu.in/tenders .

Annexure 1

Baseline Assessment for preparing Urban River Management Plan (URMP)

The consultants are required to prepare a baseline assessment report capturing the existing status and gaps with respect to each objective of the URMP Framework. Capturing the existing situation, on-going projects under implementation and planned projects for future implementation are critical while preparing the city's URMP.

The municipal boundary of the city shall be the basis of conducting the baseline assessment and identifying the projects/interventions to fulfil the gaps towards achieving the Ten URMP objectives. However, given that river management goes beyond the riverbank area, the URMP shall include both pan-city and riverbank specific actions.

The baseline assessment shall be mainly based on the secondary data available with relevant departments/open source data and primary data in the form of stakeholder consultations and primary data from ground mainly with regards to strengthening of the understanding of existing situation, identification and detailing of gap areas. The Consultants are not expected to undertake extensive topographical, hydrological, geological etc. studies as part of the baseline assessment.

The baseline mapping shall be in the form of GIS based spatial maps to represent existing situation and gaps observed for each of the URMP objective. The Consultants can use open source satellite image and toposheets for geo-spatial analysis and generate relevant maps on GIS platform.

The indicative outputs including the list of maps to be generated for each URMP of a city is mentioned in **Table 1**.

Table 1 - Indicative data checklist and expected outputs

URMP Objective	Indicative Outputs	List of Maps/Information (indicative)
<p>1 - Regulation of Activities in Floodplain</p>	<ul style="list-style-type: none"> • Summary/compilation of river-related policies and guidelines (e.g. state specific policies, regulations, NGT orders etc.) • Review of Master Plan/ Development plan/ building bye-laws - presence/ absence of river centric considerations • River floodplain analysis – permissible activities, areas of concern • Existing/ongoing/proposed projects in the river floodplain • Floodplain management score (to derive URM_{index}) - refer URMP framework • SWOT analysis 	<ul style="list-style-type: none"> • Base Map - Development Authority/City Boundary, ward boundary, cantonment or any other special area, major roads and railway network, river, drains, waterbodies, wetlands, major green area/forests, regional level parks/large open areas, major landmarks) • Urban Sprawl map • Activity mapping within the flood plain • Landcover change within the flood plain
<p>2 - Pollution Free River</p>	<ul style="list-style-type: none"> • Existing situation of citywide liquid waste (domestic, commercial, industrial etc.) management – assessment of value chain including sources of generation, containment, conveyance, treatment, re-use and disposal of liquid waste, institutional framework for service delivery, ongoing and planned interventions in liquid waste management (scope, status, funding, implementing agency, timelines etc) • Existing solid waste management (domestic, commercial, religious etc.) – assessment of value chain including sources of generation, collection, transport, treatment, re-use and disposal of solid waste, institutional framework for service delivery, ongoing and planned interventions in liquid waste management • Hotspot analysis - Pollution hotspots along river/major drains/waterbodies from liquid and solid waste disposal perspective, outfall discharge locations 	<ul style="list-style-type: none"> • Wastewater treatment infrastructure (sewer network, Location and capacity of STP and FSTP- existing & proposed, sewerage zones with network coverage) • Sanitary infrastructure (toilet coverage, location of Public toilet/community toilets, location of slums, hot spots etc.) • Solid waste management (location of landfill site, transfer station, dhalao, legacy dumpsites and major dumping sites) • Monitoring of drains (outfall locations- discharge and quality, monitoring locations,

URMP Objective	Indicative Outputs	List of Maps/Information (indicative)
	<ul style="list-style-type: none"> • River water quality • Net Dissolved Oxygen Score (to derive URM_{index}) – DO of river at entry and exit locations (city boundary) (refer URMP framework) • SWOT analysis 	<p>treatment mechanisms- e.g. bioremediation),</p> <ul style="list-style-type: none"> • Pollution hotspots
<p>3 - Rejuvenation of Waterbodies</p>	<ul style="list-style-type: none"> • Create database of waterbodies (lakes, ponds, tanks, wetlands etc.) – location, area, natural/constructed, primary use, waterbodies with water/dry, water quality (if available), waterbody encroached (yes/no), abutting land use • Existing/ongoing/planned projects for rejuvenation of rivers/waterbodies • Institutional and governance framework for waterbodies management • Key issues/concerns with regards to waterbodies management • SWOT Assessment • Waterbody Revival Score (to derive URM_{index}) - refer URMP framework 	<ul style="list-style-type: none"> • Map of waterbodies showing parameters as identified in the database
<p>4 - Enhancing Riparian Buffer</p>	<ul style="list-style-type: none"> • Understanding of the existing riparian buffer stretches along the rivers/major drains – detailing in terms of length and width of the riparian stretches, type of plant species, potential stretches for developing the riparian buffer etc. • Existing sectional profile of the riparian stretch – 3-4 locations representing different riparian profile • Existing/ongoing/planned projects for developing riparian stretches • Institutional and governance framework • SWOT Assessment • Riparian Buffer Score (to derive URM_{index}) - refer URMP framework 	<ul style="list-style-type: none"> • Riparian Buffer map – existing riparian areas within the buffer zone along rivers/major drains as per the state norms
<p>5 - Increased Reuse of</p>	<ul style="list-style-type: none"> • Domestic used water generated, volume of treated used water at STPs under public domain, quality of treated used water (effluent) 	<ul style="list-style-type: none"> • Treated Usedwater Reuse Map – location of STPs (installed capacities/volumes treated),

URMP Objective	Indicative Outputs	List of Maps/Information (indicative)
Treated Used Water	<ul style="list-style-type: none"> Existing re-use practices – location, nature of use application, volume utilised, mode of conveyance Identification of potential avenues for application of treated used water, demand estimation State/city specific guidelines/policies/regulations/discharge norms/fit for purpose standards in context of reuse of treated used water Ongoing initiatives/planned interventions for increasing the use of treated used water in various applications SWOT assessment Waste/used water Reuse Score (to derive URM_{index}) - refer URMP framework 	<p>mapping of areas of application of re-use (existing/potential), infrastructure for conveyance and use of treated usedwater</p>
6 – Maximum Good Quality Return Flow	<ul style="list-style-type: none"> Condition assessment of major drains – carrying capacity, discharge outfalls, discharge volume and quality Current mechanism of cleaning of drains (institutional mechanism, cleaning frequency, regulatory measures e.g. penalties or initiatives focusing on behavioural change etc.) Urban Water Balance Scenario focusing particularly on groundwater sustainability (water demand-supply scenario, runoff through drains, wastewater treatment and disposal etc.) Groundwater management (monitoring of groundwater levels and quality, trend analysis, groundwater recharge potential) Encroachment of drains (including dumping of solid waste into drains) Urban flooding scenario Existing/ongoing/planned projects for drain management SWOT assessment 	<ul style="list-style-type: none"> Drainage map (major and minor drains, hotspots, discharge, quality, outfall points etc.) Urban Flooding Hotspots Potential Groundwater recharge zones Groundwater level trends (preferably last 10 years) Groundwater quality map

URMP Objective	Indicative Outputs	List of Maps/Information (indicative)
	<ul style="list-style-type: none"> Return Flow Score (to derive URM_{index}) - refer URMP framework 	
7 - Eco-friendly Riverfront Projects	<ul style="list-style-type: none"> Situational analysis of riverfront areas (river frontage, number of ghats, details of ghats along with footfall and economic activities around, crematoria, boat landing points, dhobi ghats, riverfront parks, other commercial and recreational activities, eco-friendly riverfront scores of different ghats, miscellaneous (e.g. parking, toilet facilities, lighting, safety etc.), riverfront trails Assessment of eco-friendliness of ghats and other riverfront areas Ongoing/planned riverfront development projects SWOT assessment Eco-friendly Riverfront Score (to derive URM_{index}) - refer URMP framework 	<ul style="list-style-type: none"> Riverfront Areas map showing ghats, crematoria, cremation grounds, boat landing areas, parks, any other special feature (e.g. riverfront restaurants), recreation and commercial activities, etc. Proposed riverfront development areas map
8 – Leveraging on the Economic Potential of the River	<ul style="list-style-type: none"> Understanding of major river/waterbodies linked economic activities - agriculture, fishing, navigation, recreation (resort, water sports, bio-diversity parks, gardens), riverside markets (formal/informal), dhobi ghats, sand mining, river-based tourism (river cruises), religious places and others Assessment of potential of various river linked economic activities as mentioned Institutional and governance structure for activities along the river stretches State/city policy, guidelines, regulations pertaining to development of river fronts and other economic linked activities SWOT assessment River Economy Score (to derive URM_{index}) - refer URMP framework 	<ul style="list-style-type: none"> River Economy map highlighting various river linked economic activities (as mentioned)
9 - River Sensitive	<ul style="list-style-type: none"> Existing avenues of citizen engagement in river management and linked activities undertaken by the ULB 	<ul style="list-style-type: none"> Avenues of citizen engagement (event, nature of engagement)

URMP Objective	Indicative Outputs	List of Maps/Information (indicative)
Behaviour among Citizens And 10 - Engage Citizens in River Management Activities	<ul style="list-style-type: none"> • Understanding of organisations (NGOs, foundations, citizen groups, samitis etc.) engaged in management of rivers and associated eco-system, role and nature of engagement, engagement model with the ULB • Activities conducted by the ULB and other government departments (ghat and river-bank clean-up activities, sensitisation programmes, IEC activities, use of social and print media, government as well as CSR expenditure towards river management) • Large gatherings on river banks (e.g. melas) and their sustainability • Citizen Sensitization Score (to derive URMindex) - refer URMP framework • Citizen Engagement Score (to derive URMindex) - refer URMP framework 	

Annexure 2

Brief on detailing of interventions towards preparation of an Urban River Management Plan (URMP)

Based on the baseline assessment as discussed above, the consultants are responsible for identifying projects/interventions to address the gaps as assessed for each objective of the URMP.

The nature of projects/interventions could be in the form of planning and policy measures, hard measures (infrastructure/riverfront projects) and soft measures like community sensitization and capacity building programs etc. The projects need to be prioritized over short, mid and long term based on the criticality of the issue as identified in the baseline assessment. The duration to be defined for short/mid/long term measures can be different for different river cities as per the technical and financial resources available with the respective city.

Please refer the URMPs of Kanpur, Ayodhya and Chhatrapati Sambhaji Nagar available on <https://niu.in/rca/knowledge-resources/> for the nature of interventions. However, this is only for reference and not restrictive. Various other types of interventions may emerge from the river cities under the study.

The extent of detailing of each intervention, should be such that it can be taken up by the city for implementation (pre-DPR stage). The proposed interventions shall have site specific data and conceptual design that builds upon site specific primary assessments. For example under Objective 4 – Enhance Riparian Buffer, if stretches for providing the buffer are to be proposed then it should be based on field assessment including availability of actual land on site, land ownership, inventory of native species, feasibility of implementation from technical perspective etc. The degree of detailing for each intervention should be such that, if selected for implementation, then the same can be taken forward for DPR preparation. The consultants are not expected to take detailed on-site assessments like topographic surveys, soil testing, hydrological studies, total station survey etc.

The indicative (and not restrictive by any means) information to be captured under each proposed intervention is mentioned below:

1. **Problem statement/need for the project** – drawing direct linkages with gaps as identified during baseline assessment
2. **Description of the project/intervention** – type of intervention, newly proposed or convergence with ongoing/planned intervention, project feasibility, place and area of implementation, key project components, layout map highlighting project location, conceptual design and constituting elements, estimated CAPEX and OPEX costs etc.
3. **Implementation timeline** – short, mid, long term.

4. **Key stakeholders responsible for planning and implementation of the intervention** – roles and responsibilities, implementation strategy, framework for long term sustainability.
5. **Funding avenues for the implementation** – national/state mission, city's own revenues, Private/CSR or any other funding avenue, financing model
6. **Expected outcomes/benefits from the project** – key beneficiaries (from social, environment and economic perspectives)

End of the document
