

Minutes of the Pre-bid meeting held on 18.06.2018 at 3.00 & 3.30 PM at TNUIFSL office for the following assignments:

1. Consulting Services for Preparation of DPR for Rehabilitation and Rejuvenation of 44 Water Bodies (Lakes / Ponds) in Chennai Metropolitan Area for Greater Chennai Corporation - Package-1 and
2. Consulting Services for Preparation of DPR for Rehabilitation and Rejuvenation of 45 Water Bodies (Lakes / Ponds) in Chennai Metropolitan Area for Greater Chennai Corporation - Package-2.

List of Participants:

S. No	Name	Designation	Organisation
1	Mr. D. Selva Pandian	SAVP	TNUIFSL
2	Mr. D. Sukumar	Executive Engineer (SWD)	Greater Chennai Corporation
3	Mr. B. Sivakumar	Executive Engineer (SWD)	Greater Chennai Corporation
4	Mr. U. Vijayaraghavan	Sr. Manager	TNUIFSL

Consultants:

5	Mr. Zubair Ahmed	AGM	INMAAS
6	Ms. J. Jeba Grace	Sr. Water Resource Engineer	DHI
7	Mr. R. Manikandan	Sr. Water Resource Engineer	DHI
8	Mr. M. Gopi	Asst. Manager	Voyants
9	Mr. S. Srikumar	Director	STEM
10	Mr. A.G. Shanmugasundaram		STEM
11	Mr. N.D. Sivalingaiah		STEM
12	Major. Padmanaban	CEO	CUBE
13	Mr. Senthil Dhamodaran		Lamer
14	Mr. Senthil Kumaran		Landtech

At the outset, the objectives, scope of the assignment and outline of the tasks to be performed by the consultant was explained in detail. Written queries received from the consultants and other queries raised by the consultants were discussed during the meeting and the replies are also as follows:

S. No	Issues / Clarifications	Reply
1	Clause 7.2-Pre-qualification: 1. Project executed in nonurban areas including large development areas	Please refer addendum / corrigendum to RFP issued

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	<p>such as special economic zone (SEZ) and industrial developments</p> <p>2. Minimum 3 numbers of water bodies shall be designed / restoration / rehabilitation and executed to be considered for eligibility.</p>	<p>Please refer addendum / corrigendum to RFP issued</p>
2	<p>We understand this project is intended for augmenting water holding capacity during heavy rain hydrologist scope is necessary however, Hydrogeologist scope typically limited to underwater study and aquifer modeling only.</p> <p>Hence, we request you to replace this key professional with Sr. architect who will be involved in architectural scope</p>	<p>No change. The landscape architect, conservation architect can be proposed under the non-key personnel on as required basis.</p>
3	<p>Kindly allow EMD in form of BD also</p>	<p>No change. For Universities and Government Institutes refer the Addendum and Corrigendum issued.</p>
4	<p>To study including inter connectivity between the various water bodies, Double levelling between the proposed connection has to be undertaken along with detail topographical survey for such connectivity, please confirm.</p> <p>If available kindly share the length of such levelling / strip survey to be undertaken for such purpose.</p>	<p>Detailed levelling survey has to be carried out for connectivity between water bodies, by the consultant. No survey detail is available.</p>
5	<p>Scope of work: Satellite images: to be provided by the client, please confirm Also specify the resolution of the same.</p>	<p>No satellite imagery available. Freely available satellite imageries shall be best used by the consultants. The geo reference coordinates have been provided for the water bodies in Terms of Reference (ToR). The consultant has to ensure the above based on site investigation.</p>
6	<p>For present capacity of lakes. Detail bathymetric survey required for all the lakes, please confirm</p>	<p>Necessary surveys including bathymetric survey has to be carried out and also to prepare the contour</p>

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	Is it possible to know the likely depth of each water body so that resources may be planned accordingly?	map required as mentioned in ToR. The likely depth of water bodies has to be as ascertained by the consultant.
7	Identify the ownership of land and accurately define the extent – Revenue maps to be made available by the client or not? If consultant has to collect, the cost of collection shall be borne by the client.	Revenue maps shall be collected by the consultant, after paying necessary fees, if any from the Taluk Office, no separate payment will be needed.
8	Field investigation surveys including geotechnical surveys within the Slug test kindly specify the tests (specially the geotechnical tests) for each lake, please also specify of water tests to be undertaken	Slug test, also, to conduct water quality sampling and testing for surface water, ground water, soil sampling, air quality monitoring, toposurveys, bathymetry surveys, etc., as per the relevant IS standards / guidelines has to be carried out. For water test Please refer Point No 23.
9	Analysis of sub surface data from available geotechnical reports to assess the nature of aquifer in the area, is it possible to share this information with bidders to assess the quantum of work required further.	Geotechnical reports data not available with GCC
10	The consultants shall study water quality, soil quality in the project area. Kindly specify the tests, their numbers per lake, extent of coverage of such tests.	Please refer point no. 8
11	Surveying and mapping of all existing water inlet prepared and submitted. We understand that detailed bathymetric survey has to be done for all the water bodies using eco sounder, please specify the approximate depth for each of the water bodies, also increase the time frame for conducting such a work, at least five months are required for completion of the	Please refer point no. 6 The consultants are requested to make necessary site visit for tanks locations before submission of the bid.

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	field studies including bathymetric surveys geotechnical investigations and surveys for all the lakes.	
12	4 weeks for interim report after approval of the concept plans – Does client expect all the survey works to be done before this stage, in that case, the interim report time span should be at least 4 months after approval of the inception report.	All survey has to be carried out and the interim report should be submitted within 4 months from inception report.
13	Payments: Kindly make it to at least 50% as most of the investment will be related to survey and investigations. Kindly allow for payments based on lake wise as some of the lake might not be undertaken for further studies.	No change. Please refer financial proposal (F-6-a & F-6-b). The consultant has to submit the financial proposal as per Form no. F 6, cost for each water bodies.
14	Dissemination Report – It has to be common for all the lakes envisaged in the assignment. Please confirm.	The consultant has to conduct the stakeholders meeting as per Terms of Reference and submit the dissemination report on GCC Zonal basis, as per the requirement of the client.
15	The consultant shall submit 10 copies of all the reports – 10 copies of each submittal means 30, reports per lake (as all the drawings concept plan etc has to be separate for each of the lakes). It is kindly request to accept two sets of draft report and three sets of the final report. Hard copies in required no of sets may please be asked only when draft is approved.	No change.
16	Total time span for large and small water bodies. For large lakes it should be at least six months and for small lakes please make it 8 months, liking to the extent of job required to be done. It is requested to kindly specify the time frame from the client side for approval of	No change.

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	the various reports.	
17	<p>Financial formats: Please make separate head for all geotechnical investigations, survey works, 3 D modelling works for all the lakes on unit basis as the bund length, investigation numbers are not known at this stage and to be determined once the concept plan is approved.</p> <p>Please also keep the geotechnical investigation activities once the concept plan is approved by the client and accepted by the stakeholders to avoid any repetition of the works.</p>	No change.
18	<p>Deployment of the Team Leader and Dy. Team Leader: During the lean period of assignment, they may be idle, specially during the submission and approval stages, kindly look into this aspect.</p>	No change
19	If the payment would be regulated lake / water bodies wise?	Please refer payment terms of Terms of Reference, also refer point no. 13.
20	What data is available with the client for the water bodies envisaged under the assignment?	Available data are provided in Terms of Reference.
21	<p>The Consultant is envisaged to carry out a preliminary site visit to all the 80 plus water bodies located in South and North Chennai. This involves a significant amount of time in understanding the present condition of the water bodies and propose suitable restoration proposals in the Technical Proposal.</p> <p>Further, it is noted that there is hardly 8 works days are available to prepare the quality Technical and Financial proposal apart from the above site visit.</p> <p>Hence, we sincerely request that atleast 2-week time may kindly be provided to prepare both the proposals from the date of issuing the Prebid query replies.</p>	Please refer addendum / corrigendum to RFP

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	In view of this, it is suggested to extend the due date of submission till 03 July 2018.	
22	<p>We understand that 18-man months are computed with an input by 6 Key professionals proposed.</p> <p>The TOR also specifies the use of other experts such as Architects, Ecologist, Structural Engineer, etc. But, it is also suggested that the consultant shall broadly suggested to work out the financial proposal based on 18 man months.</p> <p>Hence, we request and suggest that the estimated man month may be increased to 24 effectively to deploy the expertise of other experts as above.</p> <p>This will ensure same base parameter to all the Consultant for working out the financial proposal.</p>	<p>No change</p> <p>However, the consultant may free to submit the proposal on the basis of man-months considered necessary by them to achieve the objectives of the assignment</p>
23	We understand that Water Quality sample collection and Testing shall be carried out through a NABL Accredited Laboratory conforming to Central Pollution Control Board (CPCB) guidelines. We request that a list of mandatory water quality parameters to be tested and certified by the NABL Accredited Laboratory may be provided by TNUIFSL as a part of TOR.	The baseline parameters for the physical, chemical and biological shall be taken according to the Monitoring Protocol of water quality monitoring as per the Notification of MoEF
24	Request to kindly confirm the whether this stakeholder consultation meeting is for the Officials of Line Departments or with the General Public. If so, the number of meetings to be organized for each package may be specified.	Please refer point no. 14
25	RFP is not allowing any joint venture (JV). Considering large amount of survey work involved in preparing the DPR, we	No change

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	suggest TNUIFSL to allow taking prospective consultants on sub-consultancy basis.	
26	<p>As per the Longitude & Latitude details provided when tried to locate the water bodies on Google Map; the following S. Nos. couldn't locate on ground;</p> <p>a) Large Water Bodies – PKG 1 (2, 8, 9) & PKG 2 (6, 7); and</p> <p>b) Small Water Bodies – PKG 1 (5, 7, 8, 9, 10, 16, 17, 21, 30, 31, 32) & PKG 2 (6, 20, 21, 22, 23, 28, 29, 30, 31, 32, 34, 36, 37).</p> <p>We request you furnish corrected coordinates to be able to locate them on the map. This would help us in understanding all lakes better and prepare our best proposal.</p> <p>We also request for a Site Visit to be organized by TNUIFSL or GCC to show the prospective bidders all the lakes in both Package 1 & 2. This would save a lot of time for the bidders to search for these lakes independently</p>	<p>GCC will help the consultants in identifying the water bodies</p> <p>Inspection Date of Ponds/Lakes for Package 1 is 02.7.2018, Package No.2 is 03.7.2018.</p> <p>Please see point no. 46</p>
27	<p>As we understand that the boundaries of the lakes have not been defined/ fixed on ground by the client/ GCC; and is to be done by the consultant under the project scope. Many of the lakes boundaries would have already been encroached upon and the consultant shall not be in a position to proceed with the survey and other investigations without continuous support from revenue authorities/ GCC. Further, all the required maps of the lakes are also to be procured by the consultant only from the respective departments.</p> <p>These tasks are very time consuming and</p>	<p>GCC officials will provide adequate support to get the details from revenue dept, etc. However, the consultant has to co-ordinate with GCC officials to obtain necessary records / details from respective authorities / depts.</p>

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	require continuous support from the GCC/ TNUIFSL. In view of these administrative/ procedural hindrances time to time, it shall not be possible to complete the assignment within the given 3 months' time; and would minimum require 8-9 months. We request for your kind consideration for suitable time extension.	No change
28	The break-up of the Total Financial Proposal is required to be provided lake wise for both large and small water bodies separately. After the award of the project, due to some issue/s which are beyond control of consultant/ client, if any of the lake/s get omitted from preparation of DPR in the middle of the project; then how shall the cost accounted for such lake/s be adjusted into the total financial proposal costs which includes the total remuneration costs for the agreed time inputs from the professional experts.	The payment will be made stage wise on submission and approval of each deliverables for each of the water bodies as per the terms of reference. If any water bodies not taken up, the payment will be made only for theses water bodies up the stage of deliverable made by the consultants reviewed and accepted by the client.
29	As we observe that majority of the small water bodies are very small ponds which are temple ponds having area of only ½ to 1 Acre; and shall not encompass any environmental/ social impacts. Hence we request that the E&SF reports shall be prepared for only the large water bodies.	No change.
30	Key Professionals Qualification requirements: 1. Deputy Team Leader – As majority of the water bodies are very small lakes/ ponds and do not involve very complex design/ hydrology requirements. Hence, we request for to consider for B.E. in Civil/ Environmental engineering with more than 12 years' experience for this position; as the Team Leader is having M. Tech qualification.	No change

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	<p>2. Environment Specialist – we request for Master’s Degree in Environmental Planning may also be considered for this position.</p> <p>It is indicated that the Team Leader and Deputy Team Leader shall be available full time for this project only. But, in view of the severe procedural delays, the project is expected to take a longer duration to complete; hence we request to relax this criterion that the TL and DTL shall be available for the project as and when required.</p>	
31	<p>As the audited statements for the FY 2017-18 are still under finalization; hence we request to allow for provisional financial statements signed / certified by the auditor for this year.</p>	<p>Please refer addendum / corrigendum to RFP</p>
32	<p>As the original signature of the Authorized Signatory of the agency will be there on all CVs Certification page; hence we request to consider for the scanned signature of the staff member. This is presently allowed in World Bank Procurement norms.</p>	<p>No change, as per RFP</p>
33	<p>The Proposal Due Date given is 28-06-2018. But, as all these water bodies need to be visited to understand the present situation and also in view of preparing a quality proposal and methodology, it is requested that a minimum of 2 Weeks’ time may be given from the date of issue of pre-bid meeting clarifications. We request for your kind consideration in this regard.</p>	<p>Please refer addendum / corrigendum to RFP</p>
34	<p>We request to allow to submit the hard copy through courier / hand delivery to your office.</p>	<p>Please submit the proposals as per the RFP conditions</p>

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35	We request you to allow the submission of the bid 10 days from the date of publishing your response to pre bid queries.	Please refer addendum / corrigendum to RFP
36	We request you to allow bidders to submit provisional / unaudited balance sheet and P&L along with CA certificate for Financial Year 2017-18	Please refer addendum / corrigendum to RFP
37	Considering the monsoon (non-working season) July-August we request you that additional two months to be allowed	No change
38	Out put reporting and schedule for completion of the assignment – Annex-1 – Sn no-1-Page 13 – Inception Report	No change
39	Output reporting and schedule for completion of the assignment – Annex-2 – Page 14 – Interim Report	No change
40	We request you to allow the requirement of Deputy Team Leader with bachelor's degree in civil engineering / Environmental Engineering / Public Health Engineering with 10 year of experience in water conservation projects	No change
41	The cost to be submitted in Form no F-6 with modification. We request you to delete form F-6-A – Large water bodies and F-6-B – Small water bodies.	No change
42	As the financial year is closed recently, kindly allow to submit provisional figures (un audited) for the year 2017-18	Please refer addendum / corrigendum to RFP
43	The minimum man month required is 18. Kindly confirm this includes both large & small water bodies	The man month estimated for this assignment is 18 for both large and small water bodies.
44	Kindly confirm the duration of this assignment is a total of 5.5 months or it is a simultaneous work process for large and small lakes	Duration of this assignment is 3 months, it is a simultaneous work process for both large and small water bodies.

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45	We request to extend the bid submission date further 10 days	Please refer addendum / corrigendum to RFP
46	Site visit	<p>The consultants were requested to make a site visit for ascertaining the site conditions along with the GCC officials before submission of the bids.</p> <p>The contact officials of the GCC is</p> <p>Mr. B. Sivakumar, E.E. (SWD) Mob: 9566082476</p> <p>Mr. D. Sukumar, E.E. (SWD) Mob: 9898014077</p> <p>Site visit for Package – 1 water bodies on 02.7.2018.</p> <p>Site visit for Package – 2 water bodies on 03.7.2018.</p>
47	<p>Pre-qualification of the letter of invitation. Centre for Urbanization, Building and Environment, CUBE has been raised as an initiative of IIT Madras and Government of Tamil Nadu. It is also declared as one of the Centre Excellences of GoTN.</p> <p>The Goal of CUBE is to address the practical challenges being faced by Urban Built Environment in Partnership with academia, Government and private sector. Our primary focus areas are Buildings and Construction, Smart Cities, Urban</p>	No change

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	<p>Planning & Transportation and Environment & Sustainance. CUBE's inherent strength is its capability to offer tailor made solutions in close participation with outstanding Faculties & Research labs of IIT Madras, industry experts & consultants, coverage ideas in to actionable formats, create efficient delivery mechanisms and act as an enabler in the urban development and built environment domains.</p> <p>CUBE-IITM has come into existence since May 2017. We are meeting the Pre-qualification criteria to bid for</p> <ol style="list-style-type: none"> 1. Appointment of consultant for Preparation of DPR for Rehabilitation and Rejuvenation of 44 Water Bodies (Lakes / Ponds) in Chennai Metropolitan Area for Greater Chennai Corporation - Package-1, and 2. Appointment of consultant for Preparation of DPR for Rehabilitation and Rejuvenation of 45 Water Bodies (Lakes / Ponds) in Chennai Metropolitan Area for Greater Chennai Corporation - Package-2. <p>Except for the criteria requirement of Average Annual Turnover of 100 lakhs of the last three years.</p> <p>Hence it is requested that CUBE-IITM being an entity raised with the approval and fund support of GoTN be exempted from this clause.</p>	