

MUNICIPAL ADMINISTRATION DEPARTMENT

From
Sri P.Adishesu, B.Tech,
Chief Engineer i/c,
Municipal Corporation,
VIJAYAWADA.

To
The Manager-BD,
M/s SAI Consulting Engineers Pvt. Ltd,
Block-a, SAI House, Satyam Corporate
Square, B/h Rajpath Club, Bodakdev,
AHMEDABAD – 380 059

Lr No: Rc.CE-113364/2017, Dt.21-04-2017.

Gentle Man,

Sub: - Engineering-Vijayawada Municipal Corporation - "Preparation of Detailed Project Report for Comprehensive Sewerage scheme including remodeling of existing scheme in the Vijayawada City"- Pre bid Queries from M/s SAI Consulting Engineers Pvt. Ltd, Ahmedabad - Replies – Reg.

Ref: - 1.This office EoI Rc.CE-113364/2017, dt.10.04.2017
2. Your Lr. Ref.SAI/BD_VMC/HO/1271/2017, dt.17.04.2017.

With reference to your e-mail it is to inform that, the replies and clarifications to your queries are as per the enclosed sheet. Further, it is informed that the modified RFP is placed in the VMC website: <https://www.ourvmc.org/engg/gentenders.asp>

Encl: Reply sheet

**Sd/-P.Adishesu
CHIEF ENGINEER I/c**

// t.c.f.b.o.//

S. Samiraj
21.04.17
PA to CE I/c

Replies to M/s SAI Consulting Engineers Pvt. Ltd, Ahmedabad:

S.No	Reference	Description in Tender Document	Query / Suggestion	Reply
1	Key information and event schedule, Last date of submission	Date: 26-04-2017 Time: 15:00Hrs.	Given submission time of 2 weeks is too less. We request to extend the due date of submission for further 10-15 days to provide sufficient time to prospective bidders to set up requisite project arrangements and to arrange compliances in proposal preparation.	Due date of submission extended up to 05-05-2017 as per corrigendum
2	Key information and event schedule, selection process	Selection process	There is no definite selection process is defined. We understand that it shall be QCBS.	Selection process is based on QCBS only.
3	Introduction to bidders, 1. introduction	The Gol have sanctioned sewerage project costing Rs.271.48Cr. and all the projects completed in all respects and put into usage.	We understand that our % fees shall be based on the project cost of INR 271.48Cr. for bidding purposes. Kindly clarify the implication of increased / decreased project cost on our consultancy fees.	Payment will be made based on the approved DPR cost excluding LS Provisions.
4	Introduction to bidders, 1. introduction	The existing old network prior to JnNURM Project needs to be replacement as the existing network is damaged /	We understand that we have to carried our total alignment survey for 125KM only.	The consultant shall carry out study for entire city and prepare DPR for uncovered areas and gap areas. The approximate length

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		unserviceable. In the Eastern part and South Eastern Part (Vijayawada East Constituency, a total length of 125KMs. Sewer network is required either replacement or new sewer lines.		of 125 km under old scheme is also be studied and propose remodeling if necessary.
5	Introduction to bidders, 3. Minimum eligibility criteria for bidders / iii	The Bidders shall have average annual turnover of not less than Rs.200.00Lakhs in similar nature of work in the last three financial years prior to 31 st March 2017 i.e., (2014-15, 2015-16 & 2016-17).	Looking to the project importance, Project cost and service to deliver, the annual turnover criteria set is too low.	As per RFP.
6	Marking Criteria	1. Technical evaluation for bidders	Looking to the number of projects to be demonstrated for getting full marks, we request you to ask assignments in last ten financial years.	As per RFP only.
7	Marking criteria, 1. Evaluation of Methodology & work schedule, Evaluation of consultants key professionals	(i) Educational Qualification (ii) Project related experience	(i) As the assignment is for design preparation, we don't see the requirement of quality control Engineer and site engineer. Further, there is no need to ask post graduation	As per modified RFP document.(Placed in the web site)

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			in Civil engineering for such position. Kindly review it.	
8	Form Tech 2 Description of Experience of Bidder for completed Projects.	C. In case of certificate from private entity, copy of TDS (Form-16) issued by the client as a proof of payment along with the work order and completion certificate shall be provided.	We understand that the experience of private client shall also be considered as an eligible assignment.	As per modified RFP document.(Placed in the web site)
9	Evaluation, Award and Signing of agreement	Selection of bidder will be done in such a way that maximum benefit may be given to the VMC by maintaining total project cost to the lowest possible amount.	We request to clarify the selection method to select the bidder. We understand that the selection of bidder is based on QCBS method.	Yes, selection process is based on QCBS only.
10	Evaluation, Award and Signing of agreement	The consultant shall commence from the date of signing of the contract agreement. In first phase the survey and preparation of DPR will be taken and if the schemes are approved then only the project management team shall be needed. However, the Project	We understand that his RFP is meant for only to prepare DPR. If PMC is also part of the scope we request to clarify PMC scope, team require and their duration with terms and conditions of time based contract agreement as mentioned in this clause.	As per modified RFP.

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		Management Services under the Agreement shall commence from the date of deployment of the PMC Team.		
11	Evaluation of Methodology & Work Schedule Evaluation of Consultants key Professions (600 points) A. Expert or Expertise	Team Leader and Senior Engineers as proposed in the RFP for evaluation may not be replaced during the agreement period except any unavoidable situation like resignation illness etc., arises. Replacement in such cases would be done by the expert of equivalent or better technical and qualification and experience but with the permission of VMC.	We request to clarify the location of proposed team. We understand that the team can work from home office and visit VMC as and when require to attend the meetings.	The team leader shall be available when ever required for discussions.
12	Part – A, Survey Data Collection, Plans and Drawings	B. For Leveling 1. GIS mapping is to be carried out by the consultant for the town through NRSA and contour Maps / Utility maps with TBM's at important places are shall be conducted by the	We request to elaborate / extent of the works (Whether for entire town or for the network falls under this RFP only) to be carried out for GIS mapping. It seems that the consultant to obtain NRSA. We would like	VMC will assist for getting the information from other departments.

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		consultant. The consultant shall verify the same before adopting for this study.	to inform that it is time consuming exercise for the consultant to obtain satellite imagery from NRSA. It is preferable and easy for VMC to collect the same being a Government authority.	
13	Part-A, Survey, Data Collection, Plans and Drawings	<p>B. For leveling</p> <p>2. Levels at 10Mts interval with accuracy of 5mm shall be taken along the proposed alignment of sewerage line and interceptor sewers of diameter more than 300mm and at all points of curves, crossing, important structures, junctions etc.,</p> <p>3. levels at 15Mts interval with accuracy of 5mm shall be taken along the proposed alignment of small sewers of diameter upto 300mm and at all points of curves, crossing important structures, junctions etc.,</p>	Kindly clarify quantum of works in terms of kilometer to be surveyed for the scope of works as mentioned here in Cl.2, 3, 4, 5 & 6.	As per RFP, for the entire city.

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		<p>4. Block levels of 10Mts interval for the land to be acquired for said scheme like sewerage treatment plants oxidation ponds sludge drying beds and effluent disposal and for all pumping stations.</p> <p>5. All the trunk sewers and out fall sewers should be cross-checked with double instruments simultaneously for each leveling staff point duly forming grid or loop.</p> <p>6. To establish additional TBMs where ever required for small sewers and major sewers at every 500mts on road network. The consultant has to bear the entire expenditure as part of study for marking and structure of TBMs.</p>		
14	3.1 Review of existing situation and estimate flows	III. Conduct field visit to the entire town to assess the soil characteristics in different areas	Does it mean that the consultant to carry out geo-technical investigation for entire town to	Yes, as per RFP.

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		and ground profile, zoning / sub-zoning, ground water level, geographical conditions and environmental factors which are likely to affect the treatment and laying of sewer lines.	ascertain the soil characteristics?	
15	4.2. Establish Design Principles and prepare options	VIII. Estimate the sewer connection charges and the monthly tariff to be collected from the residents along with annual indexation for hike in tariff / connection charges. Conduct a Socio-Economic survey and collect details regarding willingness to pay for sewer connection charges and the monthly tariff and suggest cross subsidy if required for poorer sections of society.	Kindly let up know the % of households to be surveyed for willingness to pay for sewer connection. We understand that it shall be 2% to 5%.	The consultant has to study sewerage system and identify the house service connections to be given.
16	4.2. Establish design principles and prepare options	X. The design shall ensure that the industrial effluents shall not be mixed with municipal sewage without	Kindly elaborate our scope of works for industrial effluents coming from the nearby industries.	The consultant has to study sewerage system and finalize the DPR as per the ground reality.

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		minimizing the concentration of the industrial effluents.		
17	4.2. Establish design principles and prepare options	XII. Entire town shall be surveyed with levels and TBMs shall be established on the ground with the standard design approved by the VMC at an interval of 0.50KM along the trunk mains.	Does it mean that the consultant to carry out 150KM of survey of trunk main apart from 125KM of survey?	150KM length of Trunk main is the present sewerage system. The survey has to be carried for the entire city and find actual length required.
18	4.5. Requirements and concepts	Survey of existing sanitation and sewerage network and data relating to water logging, soil characteristics, ground water levels, pumping etc., Survey shall include levels at maximum 30m intervals and at high and low points, along the proposed laterals, interceptor sewers, main sewers and trunk sewers, ground levels and invert levels of sewers and their diameter and lengths;	Does it mean to survey total network of 648KM??	684Km length of network is in the existing scheme. The consultant has to study and finalize the required length.

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19	5.2 Outcomes	The complete details of various physical, chemical and biological processes, detailed hydraulic and structural designs for the various treatment process units for primary, secondary and tertiary treatment and safe disposal to land or river/canal/nala/lake water disposal standards as per site conditions.	In majority of cases, the treatment plant will be on D & B / PPP contract and hence we don't see any requirements to produce detailed design (Structure & electro Mechanical) for the Treatment Plant. Also kindly clarify that our services also includes the structure design for network and all associated works (Pumping stations, man holes and others).	As per RFP. Detailed estimates and designs shall be prepared. PPP is another option. For that necessary documents shall be prepared.
20	Part-C Expertise, inputs and deliverables	1. Expertise and inputs	We request to provide total person months (Key experts as well as all support staff) for the study envisaged by the VMC.	Shall be engaged as per requirement.
21	Part-C Expertise, inputs and deliverables	2. reporting and timing The total time for the study is six (6) months	As stated above, looking to the scope of works to be carried out for the assignment, the total time for the study shall be minimum 12 to 15 months. The time frame of 6 months is too ambitious to justice the scope of works.	As per RFP.

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22	Part-C 8. Data and information Required	Any investigations or tests like geo-technical, hydraulic, hydro geological, electrical, chemical, biological or mechanical tests required, sewage / sullage / wet weather flows, sample collection and analysis, tests on industrial waste waters an air pollution for their characteristics shall be carried out by the consultant only.	The scope envisaged here for all investigations / tests is open ended. Kindly clarify the quantum of works under this head.	As per RFP, for the entire city.
23	Part-D Penalty for deficiency in services	If there is any delay in the review and approval, VMC may impose a penalty by deducting up to 1% on the fees payable.	The review and approval is always from the client (VMC). We don't understand that why the consultant need to pay penalty for the delay on part of the VMC side.	If the study and reports are not submitted in time, penalty will be imposed.

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24	3. Performance security, Liquidated damages and penalties	<p>3.1 Performance Security</p> <p>The Authority shall retain by way of performance security (The “performance Security”) as per the payment schedule set forth in the section-4 of all the amounts due and payable to the consultant, to the appropriated against breach of this agreement or for recover of liquidated damages as specified herein. The balance remaining out of the performance security shall be returned to the consultant as the expiration of this agreement.</p>	Kindly clarify total performance security terms of % against the contract value. It is generally 2.50 to 5.00% maximum in from of the bank guarantee.	Total 5% amount including EMD till to approval of DPR.