

**Build, Operate and Maintain the Water Supply and Sewerage System of Shimla City, Himachal Pradesh (India) on Public Private Partnership (PPP) mode**

**Clarifications to the Queries Raised By the Prospective Bidders after the Pre-Bid Meetings**

**Addendum-2 to the RFP document**

<b>Sr. No.</b>	<b>Queries</b>	<b>Replies of T.A.</b>
1.	<p>As per RFP the concessionaire has to be paid for the service for the quantity of water billed and collected effect from appointed date, However, we wish to bring to your notice that until the coverage of 100% of service connections by means of metering system during the first 3 years of concession period, supplied water quantity would not able to be measured at consumer end due to non functioning of exiting meters at many points. <u>Hence it is suggested to measure in bulk at reservoir points during the construction period. Please confirm the same</u></p>	<p>The suggestion of the firm to measure the water at reservoirs for computing their service fee is not workable. It is recommended that during the Construction Period the Concessionaire should only be asked to complete the construction of water supply and sewerage system, as per the laid down provisions of the Concession Agreement. Pursuant to the completion of the same, the Concessionaire shall operate and maintain the same throughout the Concession Period. Also, it shall become the responsibility of the Government to carryout the operations and maintenance of the existing water supply and sewerage system till the time the construction is not completed by the Concessionaire.</p> <p>Since the Concessionaire shall carryout the operations and maintenance of the Project after the Construction Completion Date. Hence, the Service Fee shall become due and payable to the Concessionaire from the Operations Date.</p>

2.	Public Fountains – modality of metering, billing and collection system for water supplied to population through public fountain.	There are about 25 Nos. Public Taps where MCS is supplying water free of cost for drinking purpose. The remaining public taps are installed on individual request and payment thereof is being received from that individual. As such water at all public tap is not free.
3.	True Copy of documents Containing terms and conditions of JNNURM funding.	JNNURM funding is 80% by GOI, 10% by State Govt. and 10% is MCS Shares. JNNURM funds are being received in advance as such there is no possibility of delay in payments. 1 <sup>st</sup> installment of approved grant has already received by MCS. Copy of MOA is available in MCS project cell which can be seen at any working day.
4.	Formation of link roads to the treatment plants, pumping stations, Intake etc., wherever required is not included under the concessionaire scope of work. Please clarify	The reply has already been given in addendum to RFP document at Sr. No. 65.
5.	<p>Please confirm that the ultimate operating capacity during the concession period is as below.</p> <p>a. Ultimate demand at water source point is 71 MLD</p> <p>b. Ultimate demand at consumer end is 61 MLD (considering 15% loss from source to consumer end)</p> <p>c. Sewage generation is 49 MLD (considering</p>	The system is to be maintained for design capacity of 71.24 MLD at source level. Total NRW is to be reduced to 15% and 80% of the volume of water billed and collected of water is to be treated at STPs.

	80% of water demand)	
6.	<p>22.1 Service Fee</p> <p>In consideration of the services provided by the Concessionaire as per the terms of this Agreement, the Authority shall pay to the Concessionaire by way of a monthly fee (the "Service Fee") a sum equal to the product of the volume of Water Billed and Collected (VBC) during a calendar month and the Volumetric Rate</p>	The service fee shall be as per reply given at Sr. No. 1 above i.e. from the dated when actual O&M of water supply & sewerage work shall be carried out (after execution period).
7.	Creation of additional electrical infrastructure like transformer yard, substation etc., needed for the up gradation of treatment plants and pumping stations wherever required is included in the scope or not. Please clarify	The reply has already been given in addendum to RFP document at Sr. No. 68.
8.	<p>It is understood from the DPR that the scope for SCADA work is to be made as fully automation for the entire system which includes the following project components</p> <ol style="list-style-type: none"> <li>a. Intake</li> <li>b. Intermediate Pumping Stations &amp; Treatment Plants</li> <li>c. Distribution System</li> <li>d. STP &amp; Pumping Stations</li> <li>e. Disposal points</li> </ol> <p>Please confirm.</p> <p>Also please clarify it is necessary to provide either fully automation or semi automation.</p>	For this project, the scope of work of the Concessionaire in relation to the SCADA system is to take flow measurements at service reservoirs and to monitor major parameters of water quality. This shall include a Central Control Room with SCADA stations at all reservoirs. The Central Control room will have a wide LCD Screen, Central Console, PC's. The system shall have Mobile Communication and Alert Messaging System (MCAMS) supported with advance PLC with isolator, power supply and relays. The SCADA shall also include electromagnetic flow meters for flow measurements with tank level transmitters ultrasonic type. The computer Large Area Networking (LAN) is also required for dissemination of information

		relating to water quality.
9.	Please confirm that the average energy consumption cost by means of KWhr / KL which is to be considered for the calculation of energy cost estimation given for various case studies (Refer Schedule S2).	Not agreed. It shall remain same as detailed out in the RFP document and the Addendum issued subsequently.
10.	Please clarify is there any other revenue for the concessionaire during the concession period in addition to the volumetric rate.	Except the above stated, the Concessionaire shall not be entitled for any other revenue w.r.t this Project.
11.	It is understood that as per the scope of work the concessionaire will provide  House service connection for the entire house holds along with new meter as one time investment. The expenditure towards repair and replacement of meters / house service connections after the first installation shall be reimbursed from the consumer and deposited to the concessionaire's revenue account. Please clarify.	For this Project, the Concessionaire shall be required to provide the household water connections to the end users once during the Construction Period or at anytime during which the request comes to the Concessionaire from the end users. However, the expenditure in relation to the repair and replacement of meters/house service connection after the 1st instalment shall be borne by the individuals.
12.	The existing numbers of registered sewage connections are not mentioned in the DPR. Please provide the same.	The registered sewerage connections with MC Shimla are about 13000.
13. dated 02-07- 2012	As per bid document, the performance benchmarks are mentioned to achieve target of NRW as 15% and the treated sewage as 80% of water billed and collected within 3 years, which is impractical to achieve in this short period. Hence it is suggested to	There shall be no change w.r.t this query and SLRs will remain same as detailed out in the RFP document and the Addendum issued subsequently.

	consider minimum NRW as 20%, achievable at 7 <sup>th</sup> year correspondingly the treated sewage of 80%, achievable at 7th year.	
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**This is for information to all prospective bidders.**

**Commissioner,**

**MC Shimla.**