

Government of India
Department of Science and Technology

WAR for Water Programme
Selection of Enterprises (Phase-II)

**Consolidated List of Questions/Clarifications and their
Responses during Pre-Bid Conference on 18th October,
2010 and through Email till 18th October, 2010**

	Question/ Clarification Sought	Response
1	There are some challenges where it says “Generic Issue. Will be addressed nationally”. (Example: S.no XIV, Non optimal use of water in agriculture). Can we give a proposal for such challenges by identifying a location?	This water challenge has been identified for NGOs. Those NGOs, who responded to our invitation and submitted a Concept Note on this issue, are being invited to submit detailed proposal. It is reiterated that proposals offering solution for some water challenges-generic issues, especially listed below, are not invited from Enterprises at this stage: <ul style="list-style-type: none"> • Non-optimal use of water in agriculture • Improved water cycle management • Unplanned water use & demand • Contamination of water on account of pesticides and other use-derived residues. • Deficit of assurance for drinking water quality. • Water body disuse • River flood management • Wetland management.
2	Is there a limitation on the cost for each cluster? If there is a limitation, this will enable us to structure our proposal accordingly.	The proposal, evaluated on 'Quality and Cost based selection', be reasonable in costing and competitive, reflecting market rates/trends.
3	Is the turnkey solution to be proposed for all usages of water i.e. drinking, domestic, agriculture, livestock, industrial etc.?	Yes, turn-key solution for holistic requirement is to be proposed. However, solution to address requirement for DRINKING WATER (including domestic use), will also be considered
4	If so, uniform standards for assessment of the future demand may be specified so as-to have comparable bids from the various bidders. This would also make the bid evaluation and cost comparison easier.	As mentioned, the demand for present level of population in the Cluster (approximately 10,000) and projected requirement with increased level of population as expected, based on the norms or reasonableness that may be established on contacting concerned authorities.
5	If after two years of O&M. local body is not taking over the project, will there be any extension of O&M period? If yes, what would be the terms and conditions?	Solution Provider (Enterprise) may propose a revenue model for taking care of O&M beyond 2 year period.
6	Whether the central/state govt. will help in land acquisitions, if required?	DST will facilitate provision of land by the concerned local authorities on free of cost charges.

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7	Will any approval from the state govt. or other institutions require? If so, what support will be extended?	Approvals, if any, that are needed for establishing the water treatment facility are expected to be not a major concern. DST, where required, will facilitate in obtaining the same by the solution Provider.
8	Can the payment schedule be co-ordinated with the mile stones?	Yes, the schedule of payment is to be linked up with the progress of work and mile-stones drawn.
9	<p>How does an enterprise submit a proposal for challenges which have been categorized as issues to be addressed nationally-</p> <p>For e.g - We have a Magnetic agricultural water energizing system called Magnolith, through the use of which (after extensive testing in various other countries such as Germany, Egypt and Saudi Arabia) it has been observed that the water consumption for agriculture is reduced considerably by a factor of around 25% along with better results for farmers in terms of yield and produce quality. Besides, this system also facilitates agriculture in brackish water with salinity levels up to 6000 ppm. We were contemplating that we take up about 5-6 reference projects to prove its efficacy against various water intensive crops, vegetables, flowers and fruits. If it is successful then perhaps under guidance from DST we could scale up to state and national level</p>	The proposals offering solution for some water challenges-generic issues are at present invited from non-governmental organizations and Enterprises are not involved at this stage
10	Would it be possible for enterprises to receive help/seek guidance from local agencies/government bodies to obtain information about the district? If it is, then are we supposed to contact them directly are there a referral system in place?	You are requested to approach concerned authorities in the Cluster/village, for which you would like to submit a proposal, for gathering necessary data.

11	<p>What about Pre-operative costs, i.e., costs which have been incurred during the process of data collection, other activities related to the preparation of the proposal. How are these to be accommodated and submitted?</p> <p>Activities such as obtaining estimates and plans for establishment of the housing facility for the plants require decently large amounts of money. According to the guidelines for such an activity we would have consult an Architect/Planner and submit the quotation that they provide, but to obtain that quotation also there is a payment that needs to be made.</p> <p>Also taking the example of one of the clusters for the challenge-'Quality deficit of available water for specified purposes'- Carnicabar, the costs incurred during the process of data collection itself will be a significantly large sum.</p>	<p>The Enterprise is expected to meet all pre-operative expenses in preparation and submission of a proposal and the same can not unfortunately be paid/reimbursed</p>
12	<p>According to the Custom excise notification 659/2002, dated 6th September 2002, water treatment plants and the equipment that is required to establish the same, will be awarded a custom duty exemption, however, the project would have to be registered with the commissioner of Customs. Should we carry out the preparation of the financial proposal taking Custom duty to be 0/ Nil under the assumption that we would receive support from the DST in registering the project with the Commissioner of customs?</p>	<p>With regard to exemption of Customs duty on import of equipment for water treatment facility, you are advised to adopt an approach that is considered appropriate at your level. In case your proposal is accepted/selected for implementation, we will furnish a letter of intent to establish the facility and also other necessary communication that may facilitate availing the above concession. Beyond this, I am afraid; we may not be able to extend support in registering your company/project with the concerned authorities for this purpose. Considering this, you may submit the proposal (bid) especially in financial terms.</p>

	Question/ Clarification Sought	Response
13	Is it possible to select and apply for only a specific district in a cluster? Or Should we choose a water challenge as a whole for all the states specified?	A detailed proposal for a specific cluster, mentioned in the RFP Document, i.e., a village or a group of contiguous villages having 10,000 population (2000 families) is to be submitted. Separate proposal for each cluster is required to be submitted.
14	In some of the water challenges, the cluster of villages is yet to be finalized by the DST. For instance, in respect of geological contamination through arsenic, either Titabor village in Jorhat district or Dhubri town is to be finalised. Similarly in case of AMSS and hardness only one of the panchayats out of the 4 districts in Kerala has to be finalized so as to enable preparation of proposals. Likewise, there are many undecided village clusters in the list at Annexure-I. Therefore, it is requested that the finalized list of villages may kindly be sent to us.	Chose one of the village panchayats out of the 4 listed in Kerala for submission of proposals. Select any of the villages in case of other clusters, which were forwarded by various Sates/Union Territories.
15	Kindly send us the complete details of the villages in the tabular statement such as population, water demand for drinking, livestock, irrigation, waters sources, water usage, contamination, etc. in respect of the clusters in Ph-II so as to enable preparation of proposals.	As mentioned in the RFP, visit to the cluster to gather the geographic and other required details that are necessary for preparation of technical and financial proposal is required. Concerned authorities be contacted in this regard for gathering the data.
16	Is information on Client's Requirement for each cluster available? After identifying certain clusters that we wish to focus on, we would like to request for these Clients' Requirement	During site visit, the information required can be gathered from the concerned authorities (Village Head-man, Village Development Officer, etc at village level and Officials of Public Health Engg Depart/Rural Water Supply at Block level). Requirements of each cluster with respect to availability of water are to be ascertained by the bidder and included in the proposal.

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17	Is Client able to provide any information for any cluster/area at all? If Client is able to provide, we wish identify and request relevant information in order to speed up preparation of RFP proposal documents.	The geographical data, water problems faced, quality of water in a very broad terms, etc., can be provided by the concerned authorities in the Cluster (Village or a group of villages), to the bidder. The Solution Provider, however, has to verify the data on water quality by testing the samples in an accredited/reputed laboratory for offering appropriate solution.
18	Submission date 08 Nov 2010. Considering the extend of study needed and time to prepare comprehensive proposal documents for submission, we request the closing date be extended by 8 (eight) weeks.	The extension in deadline for submission of proposal (Bid) can not be agreed to at this stage. In case of any extension, intimation will be sent through Email.
19	Rs 1, 00,000 earnest money deposit in the form of Bank guarantee must be submitted. Please provide format of bank guarantee.	Bank guarantee format given in the RFP (Appendix-F) may be used as general guideline for EMD Bank Guarantee as well.
20	Please provide actual "Special conditions of contract"	This will be specific to the selected proposal and the contents are finalised after letter of intent is issued to the Enterprise whose proposal is accepted.
21	Please provide location map.	The Enterprise is expected to provide the topo sheet (map) of the Cluster where the solution to the water challenge is proposed. No drawings are required at this stage. Further, the Enterprise is required to visit the cluster and prepare the same, if so required.

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22	With respect to the problem of fluoride in Gujarat (Location - 25 to 28 per Annexure-1) we checked with the local authorities and found that the current source of water is from Dabhoi dam. They are not using the ground water at all. All water requirements are being fulfilled by the dam which is surface run-off. Hence currently there is no problem of fluoride. Please explain as to how you want us to proceed in this regard.	The water challenge and the Cluster facing such problem has been identified and recommended for intervention under WAR for Water Programme by the concerned authorities in the Govt of Gujarat. Since the local conditions may be different from what is stated, Enterprise may propose appropriate solution in addressing the water challenge in a sustainable way.
23	With respect to the surface run off problem in Gujarat (Location - 65 to 69 per Annexure-1) please confirm that we are looking for a geological terrain solution and not a geographical terrain solution.	The solution for water challenge is to deal with 'geological terrain', as mentioned in the Annexure-I at SI No XI of RFP.
24	Please provide information regarding the government budgets for each solution.	There is no specific budget allocated for each water challenge of the Cluster. The cost of the proposal, evaluated on 'Quality and Cost based selection', be reasonable in costing and competitive, reflecting market rates/trends.
25	With respect to location 26 - village: Brahmanvada in Annexure-1, please provide clarification of their location as the districts have changed and there are 2 villages with the same name in the same vicinity.	The Enterprise may select any ONE of the 4 Clusters in respect of Gujarat, as mentioned at SI No IV in Annex-I of RFP.
26	After Successful completion & commissioning of pilot plant and satisfactory performance, Is there any clause which may possibly cancel the up scaling requirement	Right now there is no such clause to cancel the up scaling of the pilot plant
27	Plant will be designed on the basis of data of water collected through local government Body (Will it be considered or need to get it through specific source)	The data of water should get collected from concerned officials in Public Health Engineering Department/Rural water Supply

	Question/ Clarification Sought	Response
28	Cost in financial portion should be given for up scaled plant/pilot plant+ pilot plant + upscaled plant?	Cost in financial portion should be given for only pilot plant.
29	What would be in case, raw water quality may get change from the design basis considered for plant design due to any satisfactory but unavoidable reason and plant performance is not satisfactory?	The quality of raw water will not change drastically and it may be more or less the same for the surrounding area.
30	Land cost if considered by enterprises then initial land cost considered for pilot plant or for up scaled plant, limitation of land selection.	Land will be made available free of cost to Enterprise/solution providers
31	After commissioning of plant and in O&M period, what would be payment modality?	Enterprise/solution providers can propose the payment modalities. The same would be considered by DST/CDC.
32	Arrangement of Power after installation of plant?	Arrangement of power will be the responsibility of the Enterprise.
33	Distribution system type, limitation in selection of Distribution system	The selection of distribution system is completely the choice of Enterprise. Even use of existing distribution system for the supply of water if found suitable, can be proposed.
34	Limitation in water sourcing, if any kindly confirm	Enterprise has to choose the sustainable water source.
35	Some inputs on Financial success of last programme	The last programme is under implementation and it is pre-mature at this stage to comment on its financial success.
36	Again water source and its Quality is not provided so if many parties are going to quote for the same cluster then Department will face problems in qualifying the suitable Technical bid	For evaluation of proposal for the cluster having many parties, the Panel of Experts is competent enough to judge the most appropriate proposal.
37	For one cluster different organization may suggest different treatment schemes the budget will vary depending on scheme. Under such condition how you will fix the budget?	The budget will be based on the technology proposed and the decision will be done by the Panel of Experts appointed for evaluation of proposals keeping in view the proposed technology & cost efficiency.
38	Whether the proposal can be submitted for addressing domestic & drinking need only	The proposal can also be submitted for domestic and drinking needs of water alone.

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39	In case the population of any village or the cluster exceeds 10,000 then the proposal should be for maximum population of 10000 or should it be for the actual population.	If the population of any village or cluster exceeds 10,000 then the proposed solution should be for the total/entire population.
40	Whether RFP requires preparation of a DPR as well or after the approval of technical and financial proposal?	Yes, it is expected to prepare DPR at the time of submission of proposal.
41	When visited site, none of the authorities are aware of such project, not they are aware of any site. How should we proceed?	State Government is expected to pass this information to the concerned authorities in the cluster. If it is not done, Enterprise may have to educate them about this programme.
42	Should the plant be in closed room or open structure from safety point of view?	The plant should be constructed in the closed room for the protection of machinery.
43	Do we have to run the plant for two years or will have to local authorities will take over? Or hand over to such water related authorities?	The Enterprise has to operate the plant for 2 years period and after that it can be handed over to local authorities or the enterprise can submit the proposal for future operations.
44	Since higher authorities are unaware of such plan, we are not getting the exact location of installation except we may identify a place where the existing bore well is available. Is this approach ok? Or will DST contact the higher authorities to allocate the specification after the contract is awarded to us?	Enterprise may identify the place for installation and DST will arrange to provide the land free of cost.
45	Section-2 Part 1 Page No-6 Identification of one or more contiguous village with 2000 families and 10,000 population. But in the cluster in Andhra Pradesh XXVI of 84 Dist: Prabesham mandal: Cheemaleurthy 1. P.Naidupalem: 2000 population 2. yerragudipalem: 1000 population 3. Mailavaram: 3000 population 4. Chimalamarry: 4500 population 5. ReddyNagar: 1300	The Enterprise should propose a scheme for a cluster (may be one or more than one contiguous villages) having total population around 10,000.

	<p>population No one is 10,000 population. Please clarify?</p>	
46	<p>As different bidders would have requested for various clarifications and replied by the department. In order to have clarity of such points, individual clarifications issued to various bidders may please be circulated to all the bidders. As it is mentioned that such clarification will be put up on the web atleast 4 days before the last date of submission, Please issue such clarification well in advance.</p>	<p>The first set of clarifications received from different bidders before and during the pre-bid conference on 18th October, 2010 will be circulated by 21st October, 2010 to all the Enterprises to whom RFP has been issued and the second set of clarification will be circulated after 3rd November, 2010.</p>
47	<p>Can separate consortiums be formed by the same company with others in different clusters?</p>	<p>The response to this query is already given in the Request for proposal (RFP) issued to Enterprises/Solution Providers.(All independent proposals may have independent consortiums)</p>
48	<p>Some of the challenges listed need elaboration e.g. Quality deficit for specified use(Challenge II)</p>	<p>In case of drinking water or other usage, if the water provided to the people is not meeting the guidelines specified by concerned authorities, like Bureau of Indian Standards, the quality of treated water should meet the norms.</p>
49	<p>Can ‘Contamination specific’ challenges (Arsenic, iron, fluoride etc) be addressed “holistically” through rainwater Harvesting & treatment rather than technical solution of the contaminant. This would make for a more cost-effective & optimal integrated approach.</p>	<p>Enterprises may propose an appropriate and cost effective solution which meets the norms.</p>
50	<p>Where can we find information & whom we can contact to get information regarding clusters of interest to us:</p> <ul style="list-style-type: none"> a) Water Challenge 1: Low per capita UP-12 b) Water Challenge 3: Geo contamination through Arsenic Bihar 21 & 22 <p>Which Administration to contact, Name, phone</p>	<p>The primary contact person in the cluster is the Village Panchayat (Sarpanch/Headman, Village Development Officer) and the other sources of information can be gathered from Public Health Engg Department/Rural Water Supply in the Cluster/Block and State S&T Council in state capital.</p>

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51	Are we supposed to offer solution only for the identified challenge? What happens in case if sample analysis throws up additional challenges?	The reason to request the Enterprise to assess the field condition is that they can get clearer picture of the situation in the cluster after the visit. The identified challenge proposed after the visit might not be largely different from the challenge(s) given in RFP. Also the Panel of Experts are competent enough to judge the appropriate technology for the identified challenge.
52	Where do we dispose off “As Sludge” in Arsenic?	Enterprise is supposed to propose the appropriate solution for reject management.
53	Who will certify the ‘water quality’ before & after?	Accredited Laboratory can certify the water quality before and after.
54	Contamination through multiple species. Is it microbial contaminations clarify?	It can be the contamination by more than one species or combined with other contaminants e.g. iron, fluoride, Arsenic, biological, microbial, etc
55	What is the definition of a cluster?	Cluster is a village or the group of contiguous villages having around 10,000 population.
56	Identification of location to be done by choice?	Enterprise can choose any location out of the 86 listed in the RFP
57	<p>a) We refer to Water Challenge XXVI: State Punjab, District Bathinda, Villages Malkana Giana and Jajjal: In these villages the Ground water has become unsuitable due to excessive Silica. We wish to offer Innovative Solutions which we have developed and perfected over the last several years with proven results.</p> <p>b) We wish to offer Piped Water on demand schemes and make the present inefficient canal Irrigation Schemes into water saving engines. Piped water on demand Projects have proven themselves in many projects in Rajasthan and elsewhere in India as well as overseas as the viable alternative to Wasteful canal irrigation.</p> <p>c) We also want to offer 24 x 7 piped water to every household in</p>	A suitable and cost effective proposal to solve the problem in a sustainable manner can be proposed.

<p>these villages. Many such 24x 7 Piped water supply projects have been successfully executed in Karnataka and else where and have got very good results of both water saving as well as revenue increase.</p> <p>d) We refer to Water Challenge Number IV: State Punjab, District Muktsar, Block Lambhi, Villages Chak Midu Khera, Channa and Warring Khera: In these villages Severe Water Logging has made the land un usable. We propose to offer Sub Soil Drainage Systems to first of all Reclaim the land. Sprinkler and Drip Irrigation Systems would then be used in these lands to decrease the salinity of ground water.</p>	
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