



DELHI JAL BOARD, GOVT. OF NCT. OF DELHI  
OFFICE OF THE EXECUTIVE ENGINEER (PROJECT)W-I  
Varunalaya Phase-I, Jhandewalan, New Delhi-110055

NO. DJB/EE(Project)W-I/2019/ 2703

DATE :- 10.10.2019

**Sub: Press NIT No. 04/EE (Project) W-I/(2019-20).**

With reference to above NIT, a pre-bid meeting was held on 07.10.2019, the replies of the pre-bid queries have been uploaded on DJB website [www.delhijalboard.nic.in](http://www.delhijalboard.nic.in) . Further, in case there is any contradiction between the RFP and pre-bid replies. The pre-bid replies will be final

**For your kind reminding:** Last date submission of Technical & Financial bid is 21.10.2019 upto 4:00 PM.

**For information of all Prospective bidders**

Enclosures:- Pre-bid replies

  
EE(Project)W-I

✓ AE(DMA) Copy

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Subject:- Reply to the queries received during Pre-bid meeting held on 07.10.2019 regarding "Consultancy services for carrying out Hydraulic Modeling and Preparation of Detailed Project Report (DPR) for Creation of DMAs and ultimately reduction of NRW for improvement in consumer service level under the command area of primary Under Ground Reservoirs (UGRs) in Delhi for SE(North-West) Circle"

S. No	Page no. in RFP	Clause No/section no of RFP	particulars in section	Queries	Reply
01	38	6. Elevation Survey	Available maps shall be provided. However, agencies have to carry out the complete contour maps survey for the pipe line network with an interval of one meter. This will help in accomplishing accurate hydraulic modelling for the present & future demand. RL of the ground survey shall be marked on GIS map & shall have to be updated in mapping cel	It is understood that – 100 % elevation survey to be carried out. Interval of 30 meter for plane surfaces of survey is more than enough for modelling. request you to consider in order to complete the survey at earliest considering Delhi's traffic situation.  Please confirm	As per RFP  Interval of 30 meter for plane surfaces of survey is <b>confirmed</b>
02	36	3.Establishment of Baseline Condition, Review/updating of available peripheral & distribution system network GIS data	The Consultant shall review the existing water supply and transmission/peripheral distribution plans available in hard copy with the DJB. Much of the information on these plans has already been transferred to a GIS platform (ArcGIS) by DJB and can be used as a starting point for developing a comprehensive GIS for the command areas of all the Primary UGRs. The consultant should necessarily undertake Network data collection work from respective SE office/Nodal Officer, DJB GIS Division, local offices and concerned O&M staff including sizes, material,	Kindly clarify What is the percentage of data incorporated in GIS.  Also please provide the vintage of data available with DJB.  It is understood that GIS base map shall be already prepared by DJB and consultant shall only update the GIS platform. Also it is understood that we shall get softcopy of GIS shape files.  Please confirm.	The data has been updated at various intervals from time to time & is a regular exercise by DJB mapping cell. But same needs to be rechecked/ verified/ updated at site by actual alignment survey.

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03	36	3. Establishment of Baseline Condition, Review/Updating of available peripheral & distribution system network GIS data	depth, alignment, age, condition and known and unknown issues & site conditions. The consultant has to verify/update the available drawings such that these shows complete and accurate positions of all the valves, flow meters, Flushing Valves, dia. Of pipe, material, age of pipes, direction of flow etc. The network map's accuracy is the responsibility of the consulting agency, the pipes or other appurtenances need to be completely defined on network map and all the DMAs distribution network along with other details should be accurately put on GIS map.	As per ground reality and terms of the RFP, it is difficult to provide 100% accuracy data of networks mapping in GIS by random survey. We will try to provide as much as nearly possible accuracy of maps by walk line survey with DJB staff and trail pits, where ever required and the accuracy will be totally depending on the data provided by DJB. Requesting you to change this clause accordingly.	As per RFP.
04	40	9. Collection of UGR wise volumetric consumption data from DJB & and doing NRW Calculation:	The firm has to verify (only once) all the metering data which are reported by Revenue Wing of DJB in the second cycle of billing as (i) NRES- No Response (ii) NUW – No use of water (iii) PLOS – Premises Locked (iv) MLOC – Meter Locked (v) BJAM- Box Jammed (vi) NS – NOSTATUS (vii) DFMT- Defective metered (viii) STP- Stopped (ix) UNMT- Running unmetered. The firm has to provide the comparison statement to the Nodal officer (Revenue)/EE (DMA) in sealed envelope confidentially. Further, agency have to carry out Water Audit of whole of the command area of each of the primary UGR and calculate NRW of Primary UGRs once during the whole Project work as per the decision of Engineer-Incharge i.e. SE (Maintenance)	It is understood that the consultant shall cross verify only the suspected areas as mentioned in this clause. DJB shall provide the Tagging of consumer connection along with GPS – co-ordinates so that the address can be easily identified by the surveyor – please confirm. It is understood that consultant shall carry out the water measurement based on UGR, and NRW assessment shall be calculated the consumption data received from DJB. Separate meter reading for consumption shall not be carried out by consultant – Please confirm.	As per RFP. Available data shall be shared / provided to the bidders.
					As per RFP.

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			concerned with a copy to the DMA Cell. Agency shall be responsible to collect the data of consumption from the ZROs/Revenue Wing/Wipro or any other agency hired by DJB and make the NRW calculation.		
05	40	10. Temporary Flow and Pressure measurement at the outlet of the command area of Primary UGRs:	To evaluate the quantity of water outflow from the study command area is to be identified by the consultant by installation of Temporary Flow and Pressure measurement instruments as per the requirements. Consultant will carry out all activities like excavation, fixing of flow and pressure meter, including restoration of pipe, back filling, etc. in coordination with concerned field staff of DJB. Consultant should provide necessary excavation location plan seven days in advance as and when required during the project.	Please provide the no. of hours and no of times for the measurement to be carried out.  Road cutting permission shall be obtained from concerned authority by DJB free of cost.  Restoration of excavated flow, pressure & trial pits shall be carried out by DJB.  In case if any flow meters installed along the measurement location then consultant shall consider the reading of those flowmeters instead of installing a temporary flow meters.  Please confirm.	As per RFP.  RR permission shall be applied by DJB & pursued by both DJB & agency. RR charges will be paid by DJB.
06	40	11. Prepare Rehabilitation Estimates and Bill of Quantities (along with Rate analysis and Quotations wherever required etc.), DPR, drawings and proposing suitable Technical & Financial Model	Total No. of domestic and non-domestic consumers as on last billing cycle of the contract period of the firm duly mapped on network plan.	It is understood that DJB shall provide all the consumer survey data, along with co-ordinates (Geo- Tagging) form. – please confirm	As per RFP
07	41	12. Acceptance of DPR & EOT (If any)	The aim of this consultancy is maintaining centralized updating of data base which have been collected from different sources of DJB by the agency and submitting it back to the	It is understood that – In case of any delay due to any circumstances which is out of consultant's scope then additional financial implications shall be fulfilled by DJB please confirm.	As per RFP

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			DJB's Mapping Cell and GIS Division, command area-wise. The acceptance of the report will be processed only after getting the certificate from the respective Circles/Mapping Cell/GIS Division that all the records have been updated in DJB. DPR shall be accepted by Member (WS) which will be communicated by SE (Civil) Maintenance to the Consultant after approval of EOT also.		
08	06	Eligibility Criteria	1. "Experience of completed / ongoing/ awarded work of DMAs creation, NRW assessment, Hydraulic modelling and preparation of detailed estimates of DMAs rehabilitation works which should be targeted towards NRW reduction. The firms shall be only from Semi-Government/ Government organization, National & International utilities and moreover no sub-letted experience shall be counted"	It is understood that the "The firm shall be completed the NRW assessment project under Semi-Government/ Government organization, National & International utilities" only and no Sublette experience shall be counted.  Kindly clarify and request you to change the clause accordingly.	Experience of completed / ongoing/ awarded work of DMAs creation, NRW assessment, Hydraulic modelling and preparation of detailed estimates of DMAs rehabilitation works which should be targeted towards NRW reduction. The works of only Semi-Government/ Government organization, National & International utilities shall be considered and moreover no sub-letted experience shall be counted"
09	06	Eligibility Criteria	1. "Experience of completed / ongoing/ awarded work of DMAs creation, NRW assessment, Hydraulic modelling and preparation of detailed estimates of DMAs rehabilitation works which should be targeted towards NRW reduction. The firms shall be only from Semi-Government/ Government organization, National & International utilities and moreover no sub-letted experience shall be counted"	It is understood that, as per scope RFP it is purely a NRW Assessment project, hence submission of approved IWA water balance of water supply scheme for the completed NRW assessment DPR of the concerned city only shall be counted for the experience. Since this water audit process is entirely different from other water supply DPR project.	As per 8 above

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10	06	Eligibility Criteria	1. "Experience of completed / ongoing/ awarded work of DMAs creation, NRW assessment, Hydraulic modelling and preparation of detailed estimates of DMAs rehabilitation works which should be targeted towards NRW reduction. The firms shall be only from Semi-Government/ Government organization, National & International utilities and moreover no subtletted experience shall be counted"	It is understood that for Experience the firm shall submit completion certificate/ approved DPR / water audit (water balance) completion certificate which shall be counted as a experience work order/contract agreement shall not be considered kindly clarify.	As per RFP
11	62-63	Annexure II		Whether the team size and duration mentioned in the annexures shall be decided based on consultant requirement without compromising the project time line that is the team size shall be reduced and increased based on ground reality of the project – Please confirm.  Also the team shall be mobilized as per experience of the consultant, since our persons having multitasking skills – Please confirm.	As per RFP
12	39	8. Draft Hydraulic modelling Report	It is mentioned that "Yield test is not in consultant scope but firm has to access the discharge, to work out the availability of water."	As per the engineering standards it is difficult to identify the ground water level based on discharge, since discharge can be measured by flow meters but it shall purely depend on the existing pump efficiency. Request you to remove this clause since this clause additionally added	Minimum numbers of staff requirement as per RFP have to be complied. Remaining as per RFP

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				compared to previous packages. Also please mention the hours and no of times of flow measurement to be carried out. Please provide the no of list of tube wells.	
13	19	Right to reject the proposals	2.9.1 Notwithstanding anything contained in this RFP, the Authority reserves the right to accept or reject any Proposal and to annul the Selection Process and reject all Proposals, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons there for.	We request that rejection of proposal be accompanied with valid reason for rejection.	As per RFP
14	60	Appendix -II	Important: - The consultant shall quote the lump-sum rates for the whole project without considering GST. Presently GST is not to be paid for works of hydraulic design & Modelling, however if applicable the same shall be reimbursed as per actual	We request that any modification in GST rules as well as imposition of new taxes or levies during the tenure of the Contract be borne by the Department.	Confirmed, GST shall be re-imbursed as per actual
15	--	--	Site work & excavation	We request that DJB must provide the approval from concerned department for excavation and other activities without any financial implications – please confirm.	As per RFP
16	--	--	General	It is understood that DJB shall provide the pipeline network GIS data in soft copy format (Shape files or AutoCAD file) – Please confirm.	As per RFP
17	--	--	General	Requesting you to provide the following data's before bidding	

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				<p>a) Details of tube wells along with locations for each package – in soft copy</p> <p>b) Details of existing and installation at present, bulk meters (electromagnetic and mechanical flowmeters) along with location.</p>	<p>Available data shall be shared which needs to be rechecked/ verified/ updated</p>
18	--	--	General	<p>It is understood that entire consumer survey not in the scope of consultancy. We shall review the consumer/consumption data received from DJB – Please confirm. If entire consumer survey is not in the scope, then identification of illegal connection is difficult, since un-authorized connections shall be effectively identified by house to house survey during supply hours, at least a complete cycle. In this case we shall consider the norms for illegal connection &amp; meter inaccuracy as per CPHEEO – please confirm.</p>	<p>All unauthorised connections found during field surveys for verification of pipe network and during Elevation survey shall be intimated to DJB with details &amp; accounted in working out NRW. In case of increase/decrease in total nos. of water connections, total cost of work will be adjusted in proportion to total nos. of water connections in RFP. Unauthorised water connections detected during survey will also be added in total no. of connections. However, for unauthorised connections agency shall have to provide the detailed data in format given by DJB. Agency will provide the required details for the geo-tagging of left out connections including unauthorized connections for claiming the total nos. of connections done by it</p>

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