

Response to Queries - Demonstration of Energy Efficient Seawater Desalination Technologies near Activation Area of Dholera Special Investment Region (DSIR)					
Sr.no.	Page no.	Clause no.	RFP Reference	Query/Suggestion	Response to Query
1	56	Part 2- Vol. 1.2, Schedule D, 8.0 Mechanical / Rotating equipment	Mechanical / Rotating equipment	As per tender the MOC mentioned for the filter backwash pump ; backwash pump & Cartridge Filter feed pumps are CF3M (SS316L) which is not advisable & compatible for seawater application. Kindly allow bidder to choose suitable better MOC as per their experience & application to run the plant successfully.	The conditions given in the RfQ cum RfP shall remain unchanged.
2	103	Part 2- Vol 1.2, Schedule I	Table 3: List of drawings	We request you to provide us the road network drawing as the same is not provided with the tender document. drawings – Part B scope of work	Please refer Addendum No.03, Sr. No. 1 & Sr. No. 11
3	44	Part 2- Vol 1.2, Schedule B, Appendix B XVII, Reference data for soil testing and geo-technical survey.	Reference data set related to soil testing and geo-technical information conducted during various construction projects within Activation Area. Bidder to request to the Employer and collect the data related to soil testing and geo-technical information conducted during various construction projects within Activation Area from the Employer's office .	We request you to provide us the Soil Testing and Geo-Technical information (Soil bearing capacity) conducted during various construction projects within Activation Area (Part-A) which are available with the Employer.	Soil investigation is under the scope of the work of the contractor. CD containing Geo-technical data may be collected from the office of General Manager - Commercial DICDL, during working hours. Authorisation letter to be submitted for availing the same.
4	79	Part 2- Vol 1.2, Schedule D, 18.0 Water qualities. Results of Marine Water Quality Analysis	Raw water characteristics. Details of marine water quality monitoring stations, Results of marine water quality analysis.	We request you to provide us the detailed Sea water quality analysis (Ionic) and its historic data.	The raw water characteristics at three different locations MWQ 1, MWQ 2 and MWQ 3 provided in the tender document are for reference only. Raw water characteristic investigation is under the scope of the work of the contractor for designing of the proposed plant.
5	79	Part 2- Vol 1.2, Schedule D, 18.0 Water qualities. Results of Marine Water Quality Analysis	Raw water characteristics. Details of marine water quality monitoring stations, Results of marine water quality analysis.	As per the aforesaid clause, please confirm whether bidder shall consider the values provided under marine water quality analysis for designing of the proposed plant.	
6	--	Drawing - Typical desalination plot details	Typical Desalination Plot Details. Plot Area - 375 m x 125 m	As per the aforesaid clauses, please confirm the actual plot area to be made available to bidder.	Please refer drawing 'Typical details of single desalination plot (Part A)'.
7	3	Part 2- Vol 1.2, Schedule A, Annexure 1, 1.0, Table 1,	The tentative coordinates for the location. From mentioned co-ordinates, plot area comes as 441.97 m x 239.14 m		Please Refer Sr. No.(3) of Addendum 03 for new coordinates
8	--	General	General	We request you to provide us the bathymetric survey report.	Please refer Sr. No. (10) of Addendum 03. Bathymetric study is part of Bidder scope of work (Part B).

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9	81	Part 2, Vol 1.2, Schedule E, Clause 1.1	The Contractor shall, at all times maintain the Project Components at site in perfect working conditions. The seawater intake system, the brine reject mechanism and the utility lines are very critical for the operation of the five desalination projects. Any dry run in the lines will affect the overall timeline of the project. The contractor who does the Part-B of the project should submit a detail maintenance schedule for the period of operation with a N+2 reliability for operation of pumps/ motors and N+1 reliability for power and water sources. The contractor who does the work at individual plot level should make sure that the desalination skid is operating to perform the required standards of output to cater to the overall objective of respective proposals. The reliability standards for the equipment should be set to make sure there are no breakdowns in operation that will affect the overall performance of the system.	As per aforesaid clause, we understand that there should be 2 standby pumps/motors. Please confirm. Also, please elaborate on "N+1 reliability for power & water sources" Does this mean that there should be redundant power supply & redundant water source from intake should also be made available? Please confirm.	Pump / Motors should be configured as - Running+ 2 Standby. All arrangements for power redundancy has to be arranged by the contractor. Part B contractor will pump and store the water. Redundancy of water is met by storage as per Scope of Work Part B, Schedule A, Vol 1.2, Part 2. Also refer Sr. No 5, of Addendum 03.
10	85	Part 2, Vol 1.2, Schedule F	Applicable Permits. The Contractor who will bid for the part B of the tender document shall obtain, as required under the Applicable Laws, the following Applicable Permit.	We kindly request client to exclude the scope & responsibility for providing Applicable Permits. The applicable permits shall be obtained by the client (DICDL). Bidder will extend necessary technical support to client for obtaining the requisite permissions. Please consider & confirm.	The contractor shall obtain applicable permits as mentioned in Schedule F
11	12	Part 1, Request for Proposal, Clause 2.1.1	Bidders should keep in mind a period of additional 2 months of operation after the period of standard operation and maintenance period of 12 months. If there are any operational delays during the period of 12 months, the project will get extended accordingly to account 12 months of operation in total.	The aforesaid clause is not clear to us. Please elaborate the aforesaid clause & scope of bidder linked with the said clause.	Part A has to do a demonstration for 365 days. Any loss of days during the 365 days shall be compensated by running the complete setup for equal days lost after completion of period of 365 days.
12	80	Part 2, Vol 1.2, Schedule D, Clause 18.0	Water qualities. Results of Marine Water Quality Analysis	We request you to provide us the outlet Total Dissolved Solids Value (TDS). The same is not mentioned in expected produced water characteristics.	Refer Addendum No. 3, Sr. No. 2
13	7	PART 1 - RfQ cum RfP , Clause 1.2.1	Prior to making an Application, the Bidder shall pay to the Employer a sum of Rs 20,000/- (Rupees Twenty thousands) Only) Plus 18 % GST totaling Rs 23,600/- only) as the cost of Tender Fee. ...	We understand bidder can submit the same along with bid, kindly confirm	Tender fee is part of bid submission along with the bid. Please refer clause 2.13.1 of the RFP document.
14	10	PART 1 - RfQ cum RfP , Schedule of bidding process	Bid Due Date. 02/05/2019 upto 15.30 Hrs.	We request you to kindly extend bid due date atleast 2 months from the pre-bid replies by DICDL so as to incorporate & finalise design based on replies & addendums.	Please refer Addendum no. 02

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15	13	PART 1 - RfQ cum RfP, 2.2 Eligibility of bidders (g)	The bidder should have done prior approval procedures, for seawater intake, brine management mechanisms/ reject mechanisms in seawater desalination projects as per Government of India prevailing norms and conditions. The bidder should submit sufficient proof of evidence for all the eligibility conditions for Part B scope of work.	We understand similar activities/procedures experiences in foreign countries is also acceptable. Please confirm	Yes, Can be considered.
16	16	PART 1 - RfQ cum RfP, Clause 2.2.4 (b)	A Bidder may be a company incorporated under the Indian Companies Act, 1956/2013 or a combination of companies with a formal intent to enter into a Joint Venture agreement or under an existing agreement to form a Joint Venture. A Joint Venture shall be eligible for consideration subject to the conditions set out in Clause 2.2.6 below. ...	We understand foreign bidder can also participate in the bid.	Foreign bidder not allowed to participate directly. The Bidder to be a company incorporated under the Indian Companies Act, 1956/2013.
17	18	ART 1 - RfQ cum RfP , Clause 2.2.4 (e) Profitabilty.	The Bidder firm shall be profit (net) making firm and shall have made profit at least in three financial years out of the last five financial years prior to submitting the Bid. The Bidder should submit attested copies of auditor's report. In case of Joint Venture, the total profitability shall be the sum of the individual member.	We understand Technical experience & financial Turnover & networth is sufficient to evaluate bidders capability. Hence, we request to remove this additional profitability clause. However Bidder should submit attested copies of auditor's report.	Please refer Sr. No. (21) of Addendum 03
18	18	PART 1 - RfQ cum RfP. Clause 2.2.5 (ii)	The bidder (or any member of the JV) should be financially sound and should have not applied for Corporate Debt Restructuring (CDR) during last 5 (five) years.	We understand Technical experience & financial Turnover & networth is sufficient to evaluate bidders capability. Hence, we request to remove this additional CDR clause.	Please refer Sr. No. 22 of Addendum 03
19	18	PART 1 - RfQ cum RfP , Clause 2.2.6	IThe Threshold Technical Capacity and Financial Capacity of all the Members of Joint Venture would be taken into account for satisfying the above conditions of eligibility. Further, Lead Member shall meet at least 75% requirements of Technical and Financial Capacity required as per Clause 2.2.2 and each of other JV members shall meet at least 25% requirement of Technical and Financial capacity as per Clause 2.2.2. For avoidance of doubt it is further clarified that the Joint Venture must collectively and individually satisfy the above qualification criteria.	We suggest in case of JV, the requirement of 75:25% qualification requirement by partners is not justified. Hence we request you to consider that all the partners should meet jointly technical & financial qualification criteria's.	Please refer Sr. No. 23, 24 and 15 of Addendum 03
20	-	General	ROU/ROW/land possession	We understand that all ROU/ROW/land is already taken by client or will be provided before award of contract.	Possession of ROU/ROW/Land is the responsibility of the client
21	92	PART 2 - Volume 1.2 - Schedules to EPC Agreement, Annexure III,	Interest bearing advance payment...	We understand that Mobilisation advance of 10% shall be interest free.	Mobilization advance shall be interest bearing as per clause 19.2 of the EPC Agreement.

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22	18	RFP document , Clause 2.2.6	The Threshold Technical Capacity and Financial Capacity of all the Members of Joint Venture would be taken into account for satisfying the above conditions of eligibility. Further, Lead Member shall meet at least 75% requirements of Technical and Financial Capacity required as per Clause 2.2.2 and each of other JV members shall meet at least 25% requirement of Technical and Financial capacity as per Clause 2.2.2. For avoidance of doubt it is further clarified that the Joint Venture must collectively and individually satisfy the above qualification criteria.	Clause 2.2.2 contains only technical requirements and no financial requirements. Kindly clarify the financial capacity	Please refer Sr. No. 23, 24 and 15 of Addendum 03
23	18	RFP document, Clause 2.2.6	Each of the JV members at least 25 % requirement of technical and financial capacity is required.	<p>If the net worth requirement of Rs. 3 Cr, as per clause 2.2.6, does it indicate that each member should have at least Rs. 75 Lakh net worth? Please clarify. Small enterprises like us have a hard time showing net worth although we have executed various large projects of national importance for customers such as IIT Bombay, IIT Madras, MNRE, DST and NTPC. For these customers we have executed over five projects that have an aggregate value of Rs 40 crores, and yet we cannot show much net worth since these projects have high scientific and research content and typically have poor margins.</p> <p>We request you to consider financial criteria based on turn-over and waive the net worth criterion. We suggest the average annual turnover for the past 3 financial years prior to the bid invitation date shall not be less than Rs. 300 Lakhs. In case you are not able to waive net worth criterion, please give us the opportunity to meet the turn over criterion in place of the net worth criterion.</p> <p>We are a small enterprise as defined by Govt. We have required technology, innovation, renewable energy expertise, enthusiasm, and confidence in bringing about an outstanding demonstration of a cost-effective sea water desalination system in Dholera meeting the hopeful expectations of DICDL. But for us to produce and demonstrate an outstanding product we need your help.</p>	The conditions given in the RfQ cum RfP shall remain unchanged.
24	16	RFP document , Clause 2.2.4	Participation of foreign companies directly for the bid may not be possible	We request you to consider direct participation of foreign bidders. How a non-profit organization can be a prime bidder / JV member	The conditions given in the RfQ cum RfP shall remain unchanged.
25	6	PART 2, Volume 1.2, Annex III, Draft details of location of the plant	Draft details of location of the plant	Please provide clear location diagram.	Please refer Sr. No (4), Addendum 03

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26	23	Part 2, Volume 1.2, Schedule B, Appendix B IV, 1. Civil & Structural works, 1.1	The Contractor shall design and construct the required civil works for the project based on the load characteristics and the soil bearing capacity at the site. Any required case specific strengthening works based on the individual technologies will be done by the contractor. Required geo technical analysis at the site will be done by the individual contractors. Any case specific security arrangements including fencing arrangements need to be done by the individual contractors.	The tender is asking 5 participants to do separate SBC test. Requesting SBC from the DICDL common for 5 participants	Soil investigation is under the scope of the work of the contractor. CD containing Geo-technical data may be collected from the office of Generl Manager - Commercial DICDL during working hours. Authorisation letter to be submitted for availing the same.
27	78	Part 2, Volume 1.2, Schedule D, 18.0	Water Quality : Raw water Charactrastics	Requesting Source water test report from DICDL	The raw water charactrastics at three different locations MWQ 1, MWQ 2 and MWQ 3 provided in the tender document are for reference only.Raw water charachtrastic investigation is under the scope of the work of the contractor for designing of the proposed plant.
28	61	Part 2, Vol 1.2, Schedule D, 11.0	Data & Telecom Infrastructure;The contractor shall have minimum provision for communication networking inside the plots to communicate with the core team and with the individual team members for operation and maintenance and emergency reach outs as and when applicable. Video conferencing facility should be available at individual plot level by each contractor. The data should be stored with proper backup for the period of operation of 18 months and for another 1 year after the completion of the projec	Request to consider the Surveillance camera, fire fighting, and such facilities common for all the five participants under DICDL scope	The conditions given in the RfQ cum RfP shall remain unchanged.
29	12	Part 2, Vol 1.2, Schedule B, 1.1.3	Individual contractor should make the provision for storage of seawater (intake), reject (brine) and produced water for a period of 48 hours of operation. The supply will include associated process equipment, high pressure & low-pressure pumps, pressure exchangers, electrical drives/motors/agitators, in-plant process piping & utility piping (service water to all chemical preparation tanks from the overhead water tanks, compressed air lines), fittings, valves, proper piping supports, process instruments, instrument receiver panels, PLC in required nos., PC based SCADA control system, mandatory spares etc.	Please consider common storage for inlet sea water and outlet desalinated drinking water, as each organization will measure the quality and quantity of their input and output. These will reduce the overall cost to the program and bring techno-commercial value to DICDL for the given funding.	The conditions given in the RfQ cum RfP shall remain unchanged.
30	95	Part 2, Vol 1.2, Schedule H ,2.0, Contract Price Weightages, Table 1 - Demonstration of energy efficient seawater desalination technologies	Proportions of the Contract Price for different stages of Demonstration of energy efficient seawater desalination Technologies near Activation Area at Dholera Special Investment Region	These terms dictate retention of 60% payment even after commissioning of plant, which is on the higher side. We request you to consider releasing the payment on prorata basis till commissioning and a maximum of 10% retention after commissioning till completion of operation period.	The conditions given in the RfQ cum RfP shall remain unchanged.

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31	10	Part 1, Request for Proposal, Clause 1.3 Schedule of Bidding Process	Bid due date 02/05/2019	Considering the extraordinary nature of the subject tender, we need more time to prepare the bid and hence request you to extend the submission date to 30.06.2019.	Please refer Addendum no. 02.
32	10	Part 1, Request for Proposal, Clause 1.3 Schedule of Bidding Process	Last date of receiving of queries 25/03/2019	We also request you to allow us time till 09.04.2019 for submitting some additional queries on the tender as we are still under the process of studying the tender document.	Please refer Addendum no. 01.
33	10	Part-1 RFQ Cum RFP , Clause 1.3	Bid due date 02/05/2019	Please provide a time of 60 days for submission of the bids after receipt of reply to the pre-bid queries	Please refer Addendum no. 02.
34	12	Part-1 RFQ Cum RFP, Clause 2.2 1(b)	They should have participated in Government projects / National / International funded projects of which at least one is of a value not less than Rs. 2 crores, over the last 5 years.	Please relax the timeline to 10 years instead of 5 years	Please refer Annexure V, VI and VII in Addendum 3
35	13	Part-1 RFQ Cum RFP, Clause 2.2.1(f)	The bidder should have designed, built and operated seawater intake brine reject and produced water utility systems in large desalination projects of a minimum capacity of 2,00,000 LPD.	We request that once an alternative arrangement for intake and outfall is decided in order to reduce the project timeline as noted in preceding point, this condition should be eliminated and general experience of civil and piping works in accordance with the new scheme be considered for eligibility.	Please refer Annexure V, VI and VII in Addendum 3
36	15	Part-1 RFQ Cum RFP, Clause 2.2.3 II(A) Evaluation and Assaignment of scores	Specific Experience if bidder/bidding consortium (Scope of Work- Part B)- A Experience in preparation of detailed project report/Detailed Feasibility Reports or providing consultancy services for setting up renewable enrgy integrated sea water desalination facility either as a standalone unit or as a combined facility of Power and sea water Desalination in the last 5 years anywhere in India or abroad.	We request to consider experience in last 10 years instead of 5 years anywhere in India or abroad	Please refer Annexure V, VI and VII in Addendum 3
37	15	Part-1 RFQ Cum RFP , Clause 2.2.3 (II. B.)	Specific Experience if bidder/bidding consortium (Scope of Work- Part A)- B Experience in preparation of detailed project report/Detailed Feasibility Reports or providing consultancy services for setting up sea water desalination facility either as a standalone unit or as a combined facility of Power and sea water Desalination in the last 5 years anywhere in India or abroad.	We request to consider experience in last 10 years instead of 5 years anywhere in India or abroad	Please refer Annexure V, VI and VII in Addendum 3
38	16	Part-1 RFQ Cum RFP , Clause 2.2.4 (a)	The Bidder may be a single entity or a group of entities (the "Joint Venture"), coming together to implement the Project. However, a Bidder, applying individually or as a member of a Joint Venture, as the case may be, cannot be member of another group of entity. The term Bidder used herein would apply to both a single entity and a Joint Venture.	We, Advent Envirocare, already have an existing collaboration with UK based Modern Water plc which is a world reowned pioneer in FO-based desalination and brine management technolgoies with years of R&D experience and more than 100 patents worldwide. Since the merger happened in 2016, we request that MW be considered as our technical counterpart and not a JV partner	The conditions given in the RfQ cum RfP shall remain unchanged.

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39	18	Part-1 RFQ Cum RFP, Clause 2.2.6 (i)	The Threshold Technical Capacity and Financial Capacity of all the Members of Joint Venture would be taken into account for satisfying the above conditions of eligibility. Further, Lead Member shall meet at least 75% requirements of Technical and Financial Capacity required as per Clause 2.2.2 and each of other JV members shall meet at least 25% requirement of Technical and Financial capacity as per Clause 2.2.2. For avoidance of doubt it is further clarified that the Joint Venture must collectively and individually satisfy the above qualification criteria.	Being a highly specialised project requiring experts, while being of low priced small scale demonstration project, we request you to consider that Lead Member and JV member to meet a combined threshold of 100% of technical and financial capacity, instead of a minimum criteria for JV partner. This way the JV will collectively satisfy the above qualification.	Please refer Sr. No. 23, 24 and 15 of Addendum 03
40	20	Part-1 RFQ Cum RFP, Clause 2.2.9 g.(iv)	Include a statement to the effect that all members of the Joint Venture shall be liable jointly and severally for all obligations of the Contractor in relation to the Project until the Defects Liability Period is achieved in accordance with the EPC Agreement;	Being a highly specialised project requiring experts for a minor role or international companies as technology supplier, while being of low priced small scale demonstration project, we request you to consider that only Lead Member should be made responsible for the obligations under the Contract.	Please refer Sr. No. 23, 24 and 15 of Addendum 03
41	95	Part-2, Volume 1.2 Schedules to EPC Agreement, Schedule H	Schedule of Payment (Part A) Contract Price Weightage	"The project involves employing latest international technologies, wherein most of the spending is on the engineering, development and customised equipment from abroad. The contract price weightage provided in the tender are not aligned to the project spending and hence we request following changes: (a) Payment towards Submission of Process Designs be changed to 12.50% from 2.5% (b) Payment towards Supply of Items be changed to 40% from 7.5% (c) Payment towards installation and commissioning be clubbed together at 15% (d) Payment towards O&M be kept as 2% per month for first 11 months and 3% on completing O&M (total 25%) (e) Payment towards submission on final report and handing over of site be changed to 5% from 10%."	The conditions given in the RfQ cum RfP shall remain unchanged.
42	98	Part-2 Volume 1.2, Schedules to EPC Agreement, Schedule H	Schedule of payment (Part B) Contract Price Weightage	The weightage needs to be revised in accordance with the final quantum of work in accordance with the seawater intake and brine disposal facilities which are still in discussion. We request that these be revised and finalised once the final decision is arrived on the matter.	Scope of work The scope of work for Part B is as per 1.0, Schedule B, Vol 1.2, Part 2. Additionally please refer Sr.No. 13. Payment term shall be as per schedule H of EPC agreement, Part 2, Vol. 1.2.

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43	8	Part-2, Volume 1.2, Schedules to EPC Agreement, Annexure V , 1.0, Schedule A	Intake & Outfall (Part B) :The Environment clearance for Dholera Special Investment Region (DSIR) has been obtained. However, the bidder for the scope of work Part B in the tender has to obtain all clearances for the seawater intake, brine reject management for the period of the project. Any studies to be conducted as part of the scope of work will be on the contractor's purview	Getting CRZ and MoEF clearance for intake and outfall is a long-drawn process, estimated to take atleast 18 months, and will not align with the project timeline of commissioning in 270 days. We request that alterantive approaches be deliberated upon mutually, and project schedule and scope be revised accordingly.	All clearances are in Bidders scope of work. Please refer Sr. No. 13 of Addendum 03
44	8	Part 2, Vol 1.2, Schedules to EPC Agreements, Schedule A, Annexure – V Environment Clearances	Environemnt Clearance : The Environment clearance for Dholera Special Investment Region (DSIR) has been obtained.	Please clarify whether the EC mandates any fresh clearance for this R&D type demonstration project and related infrastrucre. Given the short completion schedule of 270 days, it is advisable to initiate the project without too many fresh permissions and the Government help may be sought by DICDL to do so.	Bidder to verify the EC obtained by the client and assess the permissions/clearnces required. Please refer clauses 1.1.23 of Schedule B, Vol 1.2, Part 2 and Sr. No. 13 Addendum 03.
45	78	Part-2 , Vol 1.2, Schedules to EPC Agreement, Schedule D 18.0, Water qualities"	Feed water Quality : Marine Water Quality Analysis	The feed quality is based on the intake point in the estuarine region of river Bhadar, which is quite dilute and turbid as compared to seawater that will be taken in for full scale project. Silt and organics in the estuarine region may pose serious feed quality issues that are difficult to address on such a small demonstration plant. We request that while deliberating on alternate intake and brine reject management facilities as explained in pt. no. 5 earlier, once the final call is taken on the matter, revised feed qater quality depending upon the final outcome of deliberations be provided as design basis, along with seasonal variations, if any.	The raw water charactrastics at three different locations MWQ 1, MWQ 2 and MWQ 3 provided in the tender document are for reference only.Raw water charachtrastic investigation is under the scope of the work of the contractor for designing of the proposed plant. The storage tanks can help natural sedimentation process.
46	21	Part-2 , Vol 1.2, Schedules to EPC Agreement, Schedule B, Appendix B.IV Clause 1.1.	The Contractor shall design and construct the required civil works for the project based on the load characteristics and the soil bearing capacity at the site. Any required case specific strengthening works based on the individual technologies will be done by the contractor. Required geo technical analysis at the site will be done by the individual contractors. Any case specific security arrangements including fencing arrangements need to be done by the individual contractors.	Please clarify that the native soil adjoining the project location and within the DSIR area can be used for filling, with required conditioning that may be required.	Native soil adjoining to the project is not permitted. Contractor to bring the soil from the borrow areas.
47	22	"Schedule C - Project Facilities (c) Civil and Structural:" Clause 1.4	Plinh Height & HFL: Elevating as much of the desalination skids and other equipment as possible above the design flood level.	Please provide precise Highest Tide Level & Required Plinth height from Road Level as compared to NGL at the project location.	Earlier studies have taken the maximum high tide as + 5.5 m, MSL. Plinth height to be 0.45m above the approach road connecting the plot level.

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48	General	General	Confidentiality :Confidentiality of the process technology and proprietary components of the project	The project would entail use of proprietary and patented technologies and processes, and related proprietary components. How will DICDL ensure confidentiality of all these during the process of evaluation, installation, operations and after handing over of site?	Please refer Clause 12.4.3 of the EPC Agreement. "Without prejudice to the obligations of the Contractor specified in Articles 14 and 17, the property and ownership of all the completed Works forming part of the Project Works shall vest in the Employer."
49	3	Part – 2, Volume 1.2, Schedule – A, Part – A, 2.0, 1	Connection from common intake system for seawater intake	Bidder Understand that, Seawater intake system already available at site. Hence client will provide sea water at bidder allotted plot (within battery limit). Bidder has to provide the intake water storage facility within a Plant batter limit or within allotted plot area.	Please refer Scope of work Part A, Clause 1.1.3, Schedule B, Part 2, Volume 1.2.
50	3	Part – 2, Volume 1.2, Schedule – A, Part – A, 2.0,2	Connection to common reject system for brine disposal	Bidder Understand that, reject system for brine already available at site. Bidder has to provide the brine water storage facility within a Plant batter limit or within allotted plot area. Only connection of pipeline from reject collection tank to brine outfall system (By Client) shall be done by bidder. Further brine disposal up to sea shall be done by client.	Please refer Scope of work Part A, Clause 1.1.3, Schedule B, Part 2, Volume 1.2.
51	3	Part – 2, Volume 1.2, Schedule – A, Part – A, 2.0, 3	Connection to common utility line for using the produced water economically	Bidder Understand that, common utility line already available at site. Bidder has to provide the produced water storage facility within a Plant batter limit or within allotted plot area. Only connection of pipeline from collection tank to common utility (By Client) shall be done by bidder. Further distribution in client scope	Please refer Point 3, 2.0, Scope of work - Part A in Schedule A, Volume 1.2, Part 2.
52	3	Part – 2, Volume 1.2, Schedule – A, Part – A, 2.0, 4	Electric connections to function the desalination process at individual plots	Bidder understand that Power supply 415V±10%/50Hz±5% shall be available at site. Only electric connection from existing panel within plant battery limit or allotted plot area to contractor panel shall be in bidder scope.	Please refer Clause 1.1.14 , Schedule B, Part 2, Vol 1.2 Schedules to EPC Agreements.
53	3	Part – 2, Volume 1.2, Schedule – A, Part – A, 2.0, 7	Lab facilities to measure the quality of produced water and the brine reject at each plot level	Request you to please provide a list lab instrument for measurement of desire water parameter of produced water and brine reject.	Please refer Point (7), 2.0, Schedule A, Volume 1.2, Part 2. The contractor to list instruments necessary to measure the same.
54	4	Part – 2, Volume 1.2, Schedule – A, Part – A, Clause No. 2 of 13	Uninterruptable Power Supply (UPS) and diesel generator (DG) and other equipment for relevant storage of data for the period of minimum 12 months at site	Request you to confirmed battery back up time for UPS system.	All arrangements for power redundancy for required scope of work has to be arranged by the contractor.
55	4, 12	Part – 2, Volume 1.2, Schedule – A, Part B. 2.0 4/5/6. Schedule – B, Part – A, Clause No.1.1.3.	Facilities to store intake seawater, Brine reject, Produ	Request you to please confirmed the scope for construction of storage tank will be in Part A or Part B contractor.	Please refer Scope of work Part A, Clause 1.1.3, Schedule B, Volume 1.2, Part 2. Also refer Clause 2.0, (4)(5)(6) Schedule A, Scope of work under Part B, Volume 1.2, Part 2.
56	13	Part 2, Volume 1.2, Schedule – B, Part – A, Clause No.1.1.13,	Provision for Demonstration for operation of the plant for (a) 8 Hrs (12) Hrs and (24 Hrs cycles	Request you to please confirm operational hrs. for demonstration of pilot plant for 12 months of O&M.	Refer Sr. No (6),Addendum No. 3.

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57	78	Part 2, Volume 1.2, Schedule – D, Clause no. 18.	Table: Results of Marine Water Quality Analysis	Please confirmed the which following design parameter to be considered to design the pilot Plant. MWQ-1 (Top/Middle/ Bottom), MWQ -2 (Top/Middle/Bottom), MWQ - 3 (Top/Middle/Bottom)	The raw water charactrastics at three different locations MWQ 1, MWQ 2 and MWQ 3 provided in the tender document are for reference only.Raw water charachtrastic investigation is under the scope of the work of the contractor for designing of the proposed plant.
58	18	Part 1, RFQ cum RFP for Demonstration of Energy Efficient Seawater Desalination 2.2.6 In case of a Joint Venture (not exceeding 3 entities):,	i) The Threshold Technical Capacity and Financial Capacity of all the Members of Joint Venture would be taken into account for satisfying the above conditions of eligibility. Further, Lead Member shall meet at least 75% requirements of Technical and Financial Capacity required as per Clause 2.2.2 and each of other JV members shall meet at least 25% requirement of Technical and Financial capacity as per Clause 2.2.2. For avoidance of doubt it is further clarified that the Joint Venture must collectively and individually satisfy the above qualification criteria.	We request you to kindly amend this clause as follows: In such a case the lead member of the consortium shall meet 100% of the Technical Capacity while the "other member" of the consortium should meet 100% of the Financial Capacity. Kindly confirm.	Please refer Sr. No. 23, 24 and 15 of Addendum 03
59	12	PART 1 - RFQ cum RFP for Demonstration of Energy Efficient Seawater Desalination 2.2 Eligibility of Bidders	The bidder should have designed, fabricated and installed energy efficient, cost effective and environmentally friendly seawater desalination systems (one of at least 5,000 LPD capacity) and a minimum demonstrable R&D experience of 5 years with various desalination technologies.	We request you to kindly amend this PQ condition as follows: The bidder should have been in the field of water business for a period of minimum last 5 years and have sufficient experienced in Water and wastewater treatment projects.	Please refer Addendum 03 , Sr. No 18,19 and 20 Annexures V, VI and VII
60	18	PART 1 - RFQ cum RFP for Demonstration of Energy Efficient Seawater Desalination, Clause 2.2.5 (iii)	(iii) Liquid assets and/ or credit facilities of not less than 5 Crore for applying Part A scope of work and not less than 20 crore for applying part B scope of work.	We understand that if the bidder is applying for both the scopes i. e. A & B, then the Liquid assets and/ or credit facilities should be not less than 20 Crores. Kindly confirm.	Yes. The Conditions given in the RFQ cum RFP shall remain unchanged.
61	18	PART 1 - RFQ cum RFP for Demonstration of Energy Efficient Seawater Desalination, Clause 2.2.5)Financial Capacity:	(iii) Liquid assets and/ or credit facilities of not less than 5 Crore for applying Part A scope of work and not less than 20 crore for applying part B scope of work.	Further, It is not clear, which heads can be counted for calculation of Liquid assets and/ or credit facilities e. g. cash deposits, FDs etc. Kindly clarify. Further, kindly clarify if Inter Corporate Deposits may kindly be allowed to be considered for the same.	Please refer Appendix IA - Annexure III on page 53 of the RFQ cum RFP.
62	16	Environmental Clearances 4.3 Page No-16Contract Agreement for Demonstration of Energy Efficient Seawater Desalination Technologies near Activation Area of Dholera Special Investment Region (DSIR)	The Employer represents and warrants that the environmental clearances required for construction of the Project have been procured by the Employer prior to the Bid Due Date. For the avoidance of doubt, the present status of environmental clearances is specified in Schedule-A	Please let us know what are the clearances are required for Part-A and Part-B Separately.	Please refer Schedule F, Vol 1.2, Part 2

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Sr.no.	Page no.	Clause no.	RFP Reference	Query/Suggestion	Response to Query
63	3	Part 2, Vol 1.2, Schedules to EPC Agreement, Schedule A 2.0 Utilities/Services	Services to be provided at site by the contractor for Scope of work as Part A 1. Connection from common intake system for seawater intake. 2. Connection to common rejects system for brine disposal. 3. Connection to common utility line for using the produced water economically. 4. Electric connections to function the desalination process at individual plots. 5. Effective communication system for remote monitoring of functions under study/evaluation.	Please provide the coordinates/locations for these points for Part-A	(1) (2) (3) Please refer Clause 2.0, Schedule A, Volume 1.2, Part 2 and Clause 1.0, Schedule B, Volume 1.2, Part 2. Also refer drawings 'Typical details of single desalination plot (PartA)' and 'Typical desalination plot details'. (4) Refer Sr.No. 7, Addendum 03, Refer (04), Clause 2.0, Schedule A, Vol 1.2, Part 2 (5) 11.0, Schedule D, Vol 1.2, Part 2
64	6	Part 2, Vol 1.2, Schedules to EPC Agreements, Schedule A, Annexure-III	Location of demonstration of desalination technology	As discussed in the site visit, please provide the new coordinates for Intake Point.	Please refer Sr. No. (3) (4) of Addendum 03
65	13	Schedules to EPC Agreement Scope of Works General Schedule- B, Appendix B XIV. Clause 1.4	Proper disposal of any/all municipal solid waste from site to a location outside the DSIR through approval criteria as per GPCB/ CPCB/ CRZ criteria and clearances	Please provide the location for disposal of this waste.	Contractor to tie-up with approved GPCB vendor in identifying the suitable site.
66	78	Part-2, Vol 1.2, Schedules to EPC Agreement, Schedule D 18.0, Water qualities"	Feed water Quality : Marine Water Quality Analysis	Please provide inlet water characteristics of sea water in order to design the desalination plant.	The raw water characteristics at three different locations MWQ 1, MWQ 2 and MWQ 3 provided in the tender document are for reference only. Raw water characteristic investigation is under the scope of the work of the contractor for designing of the proposed plant.
67	80	Part 2, Vol 1.2, Schedule D, Clause 18.0	Water qualities.	Please provide the required product water characteristics.	Refer Addendum 03, Sr. No. 02.
68	95	Schedule H, Part 2, Volume 1.2	Payment terms	Please provide the payment terms for Part-A.	Please refer Schedule H, Vol 1.2, Part 2
69	81	Schedule E, Part 2, Volume 1.2 and Schedule B, part 2, Volume 1.2	Operation and Maintenance	If O&M is part of the Part-A, what is the scope of the O&M.	Please refer Schedule E, Vol 1.2, Part 2
70	12	, Schedule B, EPC Schedules	Scope of work, Part B	The geodetical co-ordinates of intake point & reject outfall diffuser point.	Please refer Sr. No. (3) (4) of Addendum 03
71	12	, Schedule B, EPC Schedules	Scope of work, Part B	The length onshore & offshore of both the pipelines.	Please refer Sr. No. (3) (4) of Addendum 03
72	12	, Schedule B, EPC Schedules	Scope of work, Part B	The bathymetric conditions as well as the creek bed & sub-bottom features along the routes of both the pipelines.	Please refer Sr. No. 10, Addendum 03
73	12	, Schedule B, EPC Schedules	Scope of work, Part B	A location map showing the alignment of pipeline from Desal plant, either a plotting or a goggle map superimposed with the pipeline alignments.	Please refer Sr. No. 4 of Addendum 03
74	12	, Schedule B, EPC Schedules	Scope of work, Part B	The volume of reject outfall discharge from Desal plant.	Contractor to do their own assessment based on scope of work, Schedule B, Volume 1.2, Part 2

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75	12	, Schedule B, EPC Scedules	Scope of work , Part B	The elevational drop / lift from Desal plant to the LFP (Land fall point) near edge of creek.	Plese refer Sr. No. 4, of Addendum 03
76	85	Part 2, Vol 1 & 2 , Schedule F	The Contractor who will bid for the part B of the tender document shall obtain, as required under the Applicable Laws, the following permits..	<p>As per the referred schedule and Annexure, the Contractor bidding for the part B of the tender document shall obtain all the Environmental permissions and clearances from various State Govt. departments and Ministries.</p> <p>Since it is a Sea Water Desalination Plant, it would be difficult for any contractor to get the permissions cited in the above mentioned Schedules Hence we request you to provide the clearances and approvals / permissions. Please consider and confirm.</p>	Please refer Schedule F, Vol 1.2, Part 2
77	7	RfQ cum RfP document, Clause 1.1.2	The selected Bidder (the "Contractor") shall be responsible for designing, engineering, procurement, construction, integration, commissioning and operation maintenance of energy efficient seawater desalination technologies for a period of minimum 12 months (Part A, Scope of work). Provision of seawater intake, brine reject and produced water management and land levelling and minimum road infrastructure inside the demonstration sites for a period of minimum 12 months from the date of commissioning of part A scope of work. (Part B scope of work).	It is understood that client is encouraging the bidder to consider Energy Efficient methods for Power Generation. So, Please confirm the cost of the power plant establishment shall be included in the Bid or not.	Please refer clause 1.1.14, Schedule A, Vol 1.2, Part 2. Please refer Sr. No. (7) of Addendum 03.
78	58	Article 19 19.2.1	Advance Payment	<p>As per the referred clause, "The Employer shall make an interest bearing advance payment @ Bank Rate + 5% per annum -(the "Advance Payment"), equal in amount to 10 (ten) percent of the Contract Price, for mobilization expenses and for acquisition of equipment. The first instalment shall be an amount equal to 2% (two percent) of the Contract Price, the second instalment shall be equal to 3% (three percent) of the Contract Price, and the third instalment shall be equal to 5% (five percent) of the Contract Price"</p> <p>In order facilitate better cash flow, we request you to kindly provide interest free advance payment for mobilization expenses. Kindly confirm. Also request you to provide the advance in two installments.</p>	The conditions given in the RfQ cum RfP shall remain unchanged.

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79	59	Article 19 19.2.6	Repayment of mobilisaiton advance	<p>As per the referred clause, "The recovery of all Advances shall commence when 20% (twenty per cent) of the original Contract Price of the work has been paid, or at ten months after the Commencement Date of the Contract whichever is the earlier, and it will be completed by the time 80% of the original contract value has been paid or by the time of original Completion Date whichever is earlier. The recovery of advances shall be limited to 30% (thirty per cent) of an account bill."</p> <p>In order to facilitate better cash flow, we request you kindly increase the repayment period to start from 50% and ends by 90% of value of work is completed. Please consider and confirm.</p>	The conditions given in the RfQ cum RfP shall remain unchanged.
80		General	Queries submission date	We request you to allow the bidders to raise their additional queries, if any, before 2 weeks of Bid submission date. Kindly consider and confirm.	Keeping the timelines of the project, further time for submission of queries is not allowed.
81		General	Bid submission date	The project requires comprehensive study of documents, design of plant, and interaction with various research institutes and Non-conventional energy providers for offers to provide a most economical and optimized techno-commercial bid and such complexity warrants sufficient time for working. We request you to grant at least two months extension for submission.	Please refer Addendum no. 02.
82		General	Removal & shifting of existing utilities	We understand that during execution of work, cost involved in rectification of damages to the objects beneath the earth shall be the responsibility of contractor whereas removal & shifting of utilities will be reimbursed at actuals by the department. Kindly confirm.	Removal & shifting of utilities will be reimbursed at actuals by DICDL.
83	17	Schedules to EPC Agreements, Part 2, Volume 1.2, Clause 1.1.22	As per the referred clause, "Survey of site, identification of location, submission of feasibility report, submission of detailed engineering report on possible locations for intake of minimum 200000 litres per day of seawater intake systems for demonstration of energy efficient seawater intake system at tentative locations as described in Annexure III"	<p>We request you to provide details for bidder's analysis such as</p> <p>a) Available Land for Construction b) Feasibility Reports c) Bathymetric Survey Reports d) Sea Water Analysis Reports e) Topographical Survey Reports f) Off Shore Geotechnical Details</p>	<p>(a) Refer Sr. No. (03), (04) of the Addendum 03.</p> <p>(b) There are no feasibility reports available</p> <p>(c) Refer Sr.No. 10, Addendum 03</p> <p>(d) The raw water charactrastics at three different locations MWQ 1, MWQ 2 and MWQ 3 provided in the tender document are for reference only. Raw water charachtrastic investigation is under the scope of the work of the contractor for designing of the proposed plant</p> <p>(e) Refer Sr.No. 10, Addendum 03</p> <p>(f) Refer Sr.No. 10, Addendum 03</p>

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Sr.no.	Page no.	Clause no.	RFP Reference	Query/Suggestion	Response to Query
84	95	Part 2, Vol 1.2, Schedule H	Revised payment terms	<p>We request you to kindly consider the following payment terms considering better cash flow for the contractor. Kindly consider</p> <p>Scope of Works – Part A</p> <p>Submission of process calculations including design drawings / process drawings to achieve the project outcomes(5%) Geo-technical analysis of site(5%) Supply of items at site(40%) Installation of items at site(10%) Commissioning of all the equipment to suit to experimental setup and approved final drawings(10%) Operation of the system (0th day to 180th day)(10%) Operation of the system (181st day to 365th day)(10%) Submission of all relevant data, handing over of site to DICDL, Contractor manpower demobilisation(10%)</p> <p>Scope of Works – Part B</p> <p>Design of Seawater Intake and Brine Reject facilities (25%) Obtaining clearances for intake and reject mechanism (25%) Facilitation of Intake and Reject facility as per the drawing layout. Facilitation of utility lines as per the specifications in the drawing (40%) Facilitation for continuous seawater intake, disposal of brine and collection and supply of utility (Produced water) for application inside DSIR. excluding utility</p>	The conditions given in the RfQ cum RfP shall remain unchanged.
85	23	Article 7, 7.5	Retention money	<p>As per the referred clause, “From every payment for Works due to the Contractor in accordance with the provisions of Clause 19.5, the Employer shall deduct 6% (six per cent) thereof as guarantee money for performance of the obligations of the Contractor during the Construction Period (the “Retention Money”) subject to the condition that the maximum amount of Retention Money shall not exceed 5% (five per cent) of the Contract Price”</p> <p>In order to facilitate better cash flow, we request the employer to allow the bidder to submit upfront Bank Guarantee of 5% Contract Price. Kindly consider</p>	The conditions given in the RfQ cum RfP shall remain unchanged.

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86	23	Article 7, 7.4	Release of performance security	<p>As per the referred clause, "The Employer shall return the Performance Security to the Contractor within 60 (sixty) days of the later of the expiry of the Maintenance Period or the Defects Liability Period under this Agreement"</p> <p>We request you to release the performance security after commissioning of the plant. Kindly consider</p>	The conditions given in the RfQ cum RfP shall remain unchanged.
87		General	Power	We presume that the charges towards consumption of electrical power will be borne by the department and paid directly by the employer to the respective authorities. Kindly confirm.	Please refer clause 1.1.14, Schedule A, Vol 1.2, Part 2. Please refer Sr. No. (7) of Addendum 03.