

Reply to Pre-Bid Queries

Tender for the Engagement of Consultant for preparation of Detailed Project Report (DPR) followed by FEED for the construction of 04 Weirs/Barrages with 03 navigational locks, 02 Check Dams & 01 Rubber Dam with navigational lock and raising/construction of embankments along with drainage sluices on NW-5 in Odisha, India

Following are the list of queries and reply/clarifications of IWAI pertaining to tender no. IWAI/NW5/11/DPR/2015-16 in reference to Pre-Bid meeting held on date 27th September, 2016.

S. No	Reference clause of Tender Document	Query	Replies for Queries
<u>1. L&T INFRA ENGINEERING</u>			
1.	<p><i>Clause 3.3 Program Objectives:</i> <i>Kharsua river from Pankapal to Jokadia (Weir W1)</i></p> <p>a) Jokadia weir (W1) may be raised by 2.75 m with the provision of navigational lock from existing crest level to provide suitable navigational depths throughout the reach in all seasons.</p> <p>b) 100 years flood simulation for existing Jokadia weir shows submergence varied between 0.75 m to 1.5 m above existing embankments. The existing embankments should be modified by raising the height from the present level</p>	<p>a) It is understood that the existing structure is in good condition and that is adequate to withstand the revised height. Please confirm that assessment of the condition of the existing weir is not in this scope of present study.</p> <p>b) Please clarify whether the submergence level mentioned is for the increased height of the weir. If not, please confirm the value. It is understood that the study associated with flood/erosion simulation are already done and are not in this scope. Kindly confirm</p>	<p>a) No, the understanding is not correct. Jokadia Weir (W1) is not in good condition & it is to be assessed regarding cost implication for dismantling & then new construction with height of the new weir being 2.75 more than the existing weir.</p> <p>b) No, the submergence level mentioned is for the existing height of the embankments for the existing weir. Yes, the understanding is correct. Mathematical modeling for the stretch has been completed & uploaded in the IWAI website.</p>

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2.	<p>Clause 3.3 Program Objectives: Kharsua river from Jokadia to 7km upstream of Sujanpur (Weir W2)</p> <p>a) Accordingly, minor dredging will also be required in 4.0 km river reach downstream of Jokadia to make existing slope milder for achieving required LAD in this reach.</p> <p>b) 100 years flood simulation for 1 m height weir shows submergence varied between 0.5 m to 1.7 m above existing embankments and 3.0 m no embankment locations. Hence, the existing embankments should be modified by raising accordingly from the present level and new embankments to be constructed 3.0 m high at locations where no embankments are present.</p>	<p>a) Please clarify on the slope required at the stretch indicated</p> <p>b) Please provide location of existing embankment and other details</p>	<p>a) Dredging Work is not in the scope. However, the quantity of dredging shall be estimated by the consultant. Moreover, the slope of the river bed will be worked out by the consultant on undertaking hydrographic survey.</p> <p>b) Locating the existing embankment is a part of site visit follow by hydrographic and topographic surveys as per the scope of work.</p>
3.	<p>Clause 3.3 Program Objectives: Kharsua-Tantigai (Sujanpur) bifurcation (Weir W3)</p>	<p>It is understood that this weir does not require any navigation locks. Please confirm</p>	<p>No, understanding is not correct. Weirs (W3) as well as Weir (W1) & Weir (W2) are with navigation locks.</p>
4.	<p>Clause 3.3 Program Objectives: Budha - Kharsua Confluence (Weir W4) Additional 5.25 m weir (W4) without navigational lock at Budha-Kharsua confluence is proposed to capture water from Budha and Maintain navigational depths throughout the reach in all seasons.</p>	<p>Some existing structure is there. Should it be demolished? (Refer to pic.) Data of existing structure if any can be shared. Also please share the submergence value arrived based on flood simulation at this location. Please confirm flood simulation in this zone is not in this scope of present study</p>	<p>No, there is no existing structure at the proposed weir W4 site. A new structure with stipulated height without navigation lock is proposed in the scope of work at this location.</p>

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5.	<p>Clause 3.3 Program Objectives: Tantigal (Sujanpur)-Tantigai-Dhaikia (Check Dam C1 & C2) 100 years flood simulation shows submergence up to 2.0 m above banks. As there are no embankments in this route, the same need to be constructed rising 2.0 m high from the banks.</p>	<p>Please confirm that the submergence values indicated are based on total height of check dams</p>	<p>Yes, the understanding is correct & the total height of embankments is to be raised to 2.0 m height in the context of the proposed check dams C1 & C2.</p>
6.	<p>Clause 3.3 Program Objectives: Kani River till Padnipal (Rubber Dam with navigational lock W5)</p>	<p>Two options given Dredging with reduced width Rubber dam with locks. Please confirm which need to studied in the present scope.</p>	<p>Both are to be studied in this scope & after due diligence consultant would recommend the suitable option and accordingly include in the DPR & the EPC tender the required design or line of action.</p>
7.	<p>Clause 3.5 Scope of Work: (ii) The Consultant will undertake Topographical/Hydrographical survey and Geo-technical/Geological investigation at proposed weirs cum barrage, check dams & Rubber Dam with navigational lock locations and analyses the data for the purpose of design of structures as per prevailing guidelines.</p>	<p>Kindly indicate the extent/area for which the surveys (Topographical/Hydrographical survey and Geo-technical/Geological investigation) and also the number of tests with depth that is required to be carried out need to be done, so as to form a common basis for bidding</p>	<p>Please refer to revised tender (Annexure VIIA)</p>
8.	<p>Clause 3.5 Scope of Work: (iii) Site selection of weirs and check dams along with all details for land acquisition including ownership and estimated cost of land. "This will include all details and permissions to be collected from the State Revenue Departments with adequate background papers indicating Government and Private land". This will</p>	<p>Please remove "permissions to be collected from the State Revenue Departments with adequate background papers indicating Government and private land" from this scope as the same will require concerned authorities to review and approve related documents, which will not be practically possible for a consultant to ensure for the</p>	<p>It is clarified the IWAI will obtain the requisite permissions in respect of land availability from the State Revenue Departments. However, the successful consultant would assist IWAI for obtaining necessary permissions with required details by way of technical assistance and support with the adequate</p>

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	also include land for Main Structures & Ancillary Structures as well as for road connectivity.	timely completion by the authorities and thereby the project.	background papers & designs and follow up with the concerned department of the State Govt. Kindly refer to the revised tender.
9.	Clause 3.5 Scope of Work: (iv) Preparation of detailed layout plan, land development plan, along with detailed design and drawings, technical specifications, bill of quantities (BOQ) and cost estimates for all structures like weirs cum barrages, navigation locks and check dams with all allied structures/buildings/facilities like, control room etc., for executing the work in engineering, procurement and construction (EPC) mode. Provision of schedule and estimated cost of demolition of the existing weirs and barrages at Jokadia (W1) and Sujapur (W3). The Department of Water Resources should be consulted adequately during the process of designing of the structures and the designs & drawings are to be vetted by the WRD, Govt. of Odisha prior to finalisation	a) Please confirm that only preliminary design and drawings based on FEED is in the scope and not the detailed design. b) Please confirm whether the existing weirs are to be demolished or suitably modified. Also, please provide the details of the weirs so as to assess the extent of work	a) The consultancy work includes the designing of proposed structures to the extent required for EPC contracting/tendering. b) Yes this study includes the preparation of cost schedules for demolition of existing weirs and designing and construction of the new weirs/check dams with or without navigation lock. May also see Sl. No.4.
10.	Clause 3.5 Scope of Work: (vi) Preparation of detailed design, drawings, technical specifications, bill of quantities (BOQ) and cost estimates for the raising of embankment required to prevent any flooding/erosion due to the rising of water level in the reservoir for executing the work in engineering,	a) Please confirm that detailed design does not form part of this scope b) Flood/erosion study has already been done duly considering the proposed weirs/dams and that the data will be made available for the consultant. Please confirm c) Please remove the part "the proposed	(a) As mentioned in Serial No. 9 (a) above. (b) Yes, understanding is correct and the study report is available at the IWA website. (c) No change. However in case of

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	procurement and construction (EPC) mode. The concerned Departments of Govt. of Odisha i.e. PWD, RD, Railways, NH etc. are to be adequately consulted during the study and the proposed arrangements are to be vetted by concerned authorities prior to finalisation.	arrangements are to be vetted by concerned authorities prior to finalization" from the scope	exceptional circumstances /delays by such agencies, IWAI may consider to give extension of time (without any financial implication to IWAI) based on merits.
11.	Clause 3.5 Scope of Work: (vii) Preparation of detailed layout plan along with detailed design & drawings, technical specifications and bill of quantities (BOQ) & cost estimates for internal road, drainage, and other utilities for executing the work in Engineering, procurement and construction (EPC) mode. The concerned Departments of Govt. of Odisha i.e. PWD, RD, Railways, NH etc. are to be adequately consulted during the study and the proposed arrangements are to be vetted by concerned authorities prior to finalization.	a) Please confirm that detailed design does not form part of this scope b) Please remove the part "the proposed arrangements are to be vetted by concerned authorities prior to finalization" from the scope	(a) Kindly refer to Serial No. 9 (a) above. (b) Kindly refer to Sl. No. 10 (c) above.
12.	Clause 3.5 Scope of Work: (viii) Examine the adequacy of the existing road linkages between the check dam/barrage and nearest main road, proposed improvements required to facilitate smooth two way flow of trucks and trailers from/to the dam/barrage site and hinterland. Requirement of land acquisition (if any) for widening of road /improvement of bends. Detailed design, specifications and cost estimates for	a) It is understood that the hinterlands are identified already and identification of the same is not in this scope. Please indicate the total extent of the hinterland for which the adequacy of linkages has to be reviewed to form a common basis for the bidding. Also clarify whether any surveys been done already. If so, please confirm whether the data will be made available to the consultant	(a) Yes mathematical modeling report by IIT Guwahati, suggested some hinterlands. The extent of the same is to be decided by the consultant. No surveys have been done & it is in the scope of work for consultancy.

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	improvement of road shall be worked out along with drawings as a separate sub-item for executing the work in engineering, procurement and construction (EPC) mode. The concerned Departments of Govt. of Odisha i.e. PWD, RD, Railways, NH etc. are to be adequately consulted during the study and the proposed arrangements are to be vetted by concerned authorities prior to finalization.	b) Please remove the part “the proposed arrangements are to be vetted by concerned authorities prior to finalization” from the scope	(b) Kindly refer to Sl. No. 10 (c) above.												
13.	Clause 3.5 Scope of Work: (x) Preparation of EPC mode contract documents both Request for Qualification (RFQ) & Request for Proposal (RFP) for execution of all the works and provide all necessary technical details etc. which will be needed to float and accept the tender on EPC contract basis. Accordingly, the detail designs and cost estimates of every component and sub-component of the DPR will have all such details, authenticity and back up documents which are required for preparing and processing RFQ & RFP for EPC contracts as per prevailing norms and practice.	a) Please confirm that detailed design does not form part of this scope, only preliminary designs and drawings need to be submitted	(a) Kindly refer to Serial No. 9(a) above.												
14.	3.8 Time Schedule/ Submission of Reports:	Please revise time period for milestones as follows <table border="1" data-bbox="896 1260 1545 1452"> <thead> <tr> <th>S.No.</th> <th>Mentioned Period</th> <th>Proposed Period</th> </tr> </thead> <tbody> <tr> <td>(ii)</td> <td>3 months</td> <td>4 months</td> </tr> <tr> <td>(iii)</td> <td>7 months</td> <td>9 months</td> </tr> <tr> <td>(iv)</td> <td>8 months</td> <td>10 months</td> </tr> </tbody> </table>	S.No.	Mentioned Period	Proposed Period	(ii)	3 months	4 months	(iii)	7 months	9 months	(iv)	8 months	10 months	No change.
S.No.	Mentioned Period	Proposed Period													
(ii)	3 months	4 months													
(iii)	7 months	9 months													
(iv)	8 months	10 months													

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		(v)	9 months	11months	
		(vi)	10 months	11 months	
		(vii)	11 months	11 months	
		ix)	12 months	1 Month from date of receipt of comments.	
15.	<p>6.1 Eligibility Criteria</p> <p>* Similar work means consultancy work for weirs/barrages/dams/jetty with navigation lock/head regulators for a channel width of about 300 mtr.(+ 50 mtr.) or bank to bank width of about 450 mtr.(+ 50 mtr.)</p>	<p>Kindly clarify whether port projects form part of the similar works stated as the same is included in Annex-1 form (pg no.45) under Note b. "Similar works means providing consultancy services for preparation of detail project reports / techno economic feasibility study for construction of Ports, river terminals, riverine structure, IWT terminals, logistics hub etc."</p>			<p>Kindly refer to the revised tender document.</p>
16.	<p>16 Liquidated Damages</p> <p>(i) If consultant fails to complete the whole of the works within the period specified under the agreement, the consultant shall pay to the Employer as fixed and agreed liquidated damages, and not as penalty, a sum @ 0.1% of the agreed fees for each calendar day of delay.</p> <p>(ii) The aggregate maximum of liquidated damages payable to the Employer under this Section shall be subject to a maximum of 10% of the total consultancy fee.</p>				<p>No change.</p>
17.	<p>General</p>	<p>Please provide the following</p> <p>(i) Topographic and Hydrographic data available</p> <p>(ii) Geotechnical and Geological data available</p>			<p>(i) No, such data is available. It is to be done by the consultant.</p> <p>(ii) No, such data is available. It is to be done by the consultant.</p>

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		(iii) Flood/ Erosion Study, if any	(iii) Mathematical modeling report is available at IWAI website.
		(iv) Survey data related to Road network	(iv) Not available, to be done/collected by the consultant.
		(v) Vessel data	(v) Not relevant at this stage.
		(vi) Existing weir data	(vi) To be collected by the consultant as per the scope of work.
		(vii) Hinterland details	(vii) To be identified by the consultant as per the scope of work.
		(viii) Existing data pertaining to navigation	(viii) Not available.
		(ix) Land availability	(ix) To be identified by the consultant as per the scope of work.
		(x) Traffic study is not in this scope	(x) Yes, understanding is correct. Traffic study is not in the scope of the work.

2. TATA CONSULTANCY ENGINEERING LIMITED

18.	<p>GENERAL</p> <ul style="list-style-type: none"> Tender document uploaded in IWAI website www.iwai.nic.in is having <u>65 Pages</u>. Tender document uploaded in E-procurement portal http://eprocure.gov.in/eprocure/app is having <u>64 Pages</u>. <p>Our below raised Tender Queries are based on the Tender document uploaded in IWAI website www.iwai.nic.in.</p>	<p>Please clarify which is the <u>correct Tender document to be followed</u> for this Consultancy tender.</p>	<p>Tender document has been revised. Please refer to the revised tender document.</p>
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19.	Notice inviting E-tender, Page No. 4. ii) Estimated cost of work: Rs. 8.0 crore	Whether Rs. 8.0 Crore is fixed as Budget / cost of this consultancy work? Kindly confirm.	It's an estimated cost for this consultancy work. The consultant / bidder is free to quote a competitive price and its break up as specified based on their own due diligence.
20.	3. Terms of Reference, Page No. 13. 3.2 Background: A map of the NW-5 is attached in section-19 for ready reference.	NW-5 map is attached in section no.21 on page 65 instead of section-19. Please confirm.	Yes, understanding is correct. Kindly refer to section/ clause 2.1 of the revised tender document.
21.	3. Terms of Reference, Page No. 13. 3.3 Program Objectives: This system has been studied by the WAPCOS as a part of DPR preparation and they submitted the DPR to IWAI in 2010. Subsequently, WAPCOS revised their report in 2015 and submitted their supplemented revised report in 2016. The above mentioned network has also been studied by IIT Guwahati who submitted the report in 2016.	We request you to provide WAPCOS & IIT Guwahati Reports for better understanding of the above projects.	These are available at IWAI website (www.iwai.nic.in).
22.	3. Terms of Reference, Page No. 13. 3.3 Program Objectives: It may be noted that the stretch from Padnival to Dhamra/Paradip is tidal and LAD of 3.0 mtr can be maintained without much efforts by carrying out maintenance dredging as and when required.	We understand that, Least Available Depth (LAD) of 3.0m is maintained throughout the river stretch for navigation and it is already decided by client based on earlier study reports. <u>The dredging part is not under present consultancy services and this will be carried out by client, as and when requires.</u> Kindly confirm the above.	Yes, the understanding is correct. The objective of consultancy of proposed weirs and check dams is to maintain LAD of 3.0 m in the Pankapal - Padanipal stretch of NW-5. The dredging required to be done by EPC contractor or IWAI for maintenance of 3.0m LAD is also to be calculated in the DPR/ EPC tender document.

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23.	<p>3. Terms of Reference, Page No. 13 & 14.</p> <p>3.3 Program Objectives:</p> <p>The major recommendations of IIT Guwahati in their report, for the river network for maintaining 3.0 m LAD after thorough mathematical modeling studies are:</p> <ul style="list-style-type: none"> -Kharsua river from Pankapal to Jokadia (Weir W1) -Kharsua river from Jokadia to 7 km upstream of Sujanpur (Weir W2) -Kharsua-Tantigal (Sujanpur) bifurcation (Weir W3) - Budha-Kharsua Confluence (Weir W4) - Tantigai (Sujanpur) - Tantigai-Dhaikia (Check Dam C1 & C2) - Kani River till Padnipal (Rubber Dam with navigational lock W5) 	<p>We understand that these project components for the entire stretch is identified to increase LAD 3.0m in the river stretch for navigational purposes and <u>these studies need not to be carried out again under the present consultancy work.</u></p> <p>Please confirm.</p>	<p>Yes, the understanding is correct but the required Topographic, Hydrographic, Geological and Geotechnical survey are to be carried out the DPR to be prepared and EPC document to be submitted by the consultant in the present scope of work.</p>
24.	<p>3. Terms of Reference, Page No. 15</p> <p>3.4 Objective of the Assignment:</p> <p>IWAI has planned to develop 04 (Four) weirs cum barrage (03 nos. with Navigational Lock and 01 no. without Navigational lock), 01 (One) Rubber Dam with navigational lock and 02 (two) check dams on Brahmani river network from Pankapal to Padnipal through Kharsua Tantigai-Dhaikai-Kani for NW-5 as per the recommendations above. A sketch showing the proposed weirs/check dams is enclosed herewith as Annex-VIII for reference.</p>	<p>Present consultancy work is to prepare DPR for the following:</p> <ol style="list-style-type: none"> 1. Weirs cum Barrages - 4 Nos 2. Rubber Dam - 1 No 3. Check dams - 2 Nos <p>Annex- VIII on pages 62 & 63 shows the details of these components.</p> <p>We request you to <u>provide sketch (drawings) under preliminary study,</u> to understand the work to be done.</p>	<p>This consultancy work is to prepare DPR for</p> <ol style="list-style-type: none"> (i) 3 Weirs / barrage with navigational locks. (ii) 01 Weir/ Barrage without navigation lock. (iii) 01 Rubber dam with navigational lock. (iv) 02 check dams without navigation lock. <p>And EPC contracts for the same.</p> <p>No preliminary study has been done and no sketch (drawing) is available. However, DPR prepared by WAPCOS and Mathematical Modeling report done by IIT</p>

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			Guwahati are already available at IWAI website www.iwai.nic.in .
25.	<p>3. Terms of Reference, Page No. 15.</p> <p>3.4 Objective of the Assignment:</p> <p>IWAI also plans to construct new embankments and raise existing embankments along with provision of under sluices. Hydrographic survey chart and Topographic survey of the site will be made available to the consultant by IWAI on their demand.</p>	<p>Whether <u>construction of new embankments and raising existing embankments along with provision of under sluices are not under present consultancy work?</u></p> <p>Please confirm.</p> <p>We also request you to provide Hydrographic survey chart and Topographic survey of the site.</p>	<p>Yes, the understanding is correct. But study to work out of the same in relation to the cost & required designs and land and preparation of EPC tender document for the same etc. is under this consultancy work.</p> <p>The Surveys are in the scope of work for the consultants.</p>
26.	<p>3. Terms of Reference, Page No. 15.</p> <p>3.4 Objective of the Assignment:</p> <p>The objective of the study is to prepare a Detailed Project Report (DPR) followed by FEED and preparation of EPC tender document for construction of 03 weirs cum barrages with navigational locks, 01 weir cum barrage without navigational lock, 01 Rubber Dam with navigational lock and 02 check dams as recommended in the IIT Guwahati Report, please refer to enclosed sketch (Index Map of NW5 stretch to be covered in DPR. (Section-19)</p>	<p>Whether <u>FEED and preparation of EPC tender document is under present consultancy work?</u></p> <p>Please confirm.</p>	<p>Yes, the understanding is correct</p>
27.	<p>3. Terms of Reference, Page No. 15.</p> <p>3.5 Scope of Work</p> <p>(ii) The Consultant will undertake Topographical/Hydrographical survey and Geo-technical/Geological investigation</p>	<p>We understand that, Topographical/Hydrographical survey and Geo-technical/Geological investigation available with the client shall be provided to the successful consultant. However, the Consultant will</p>	<p>No there is no topographical and hydrographical data available but Longitudinal Bathymetric survey data is available and can be shared with successful bidder. Detailed topographic,</p>

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	<p>at proposed weirs cum barrage, check dams & Rubber Dam with navigational lock locations and analyze the data for the purpose of design of structures as per prevailing guidelines.</p>	<p>review the same and if any additional Topographical/Hydrographical survey and Geo-technical/Geological investigation are required, <u>the cost of additional Topographical/ Hydrographical survey and Geo-technical / Geological investigation shall be arranged and borne by the Client (IWAI) directly.</u> However consultant shall assist and review the same. Kindly confirm.</p>	<p>Hydrographic, Geotechnical and Geological investigations are to be carried out by the consultant as per the scope of work. The cost of above mentioned surveys & investigations are to be included in the consultancy fees to be quoted. Please refer to Annexure VII A for estimated extend of these works. Kindly also see Sl. No. 7 above.</p>
28.	<p>3. Terms of Reference, Page No. 15 3.5 Scope of Work (iii) Site selection of weirs and check dams along with all details for land acquisition including ownership and estimated cost of land. This will include all details and permissions to be collected from the State Revenue Departments with adequate background papers indicating Government and private land. This will also include land for Main Structures & Ancillary structures as well as for road connectivity.</p>	<p><u>We understand that the Site selections for the project components already have been done and the same shall be reviewed and confirmed by the successful consultant.</u> <u>We request the client (IWAI) to take all require permissions from the respective Authorities and these details shall be provided by the client. However Consultant shall assist the client for obtaining permissions and necessary details by way of technical assistance.</u> Kindly confirm.</p>	<p>Tentative locations for the project components have been identified. Consultants will however review the location and recommend more precise locations with reference to the outcomes of the surveys & investigations, land availability, FEED etc. Kindly refer to the Sl. No.- 8 above.</p>
29.	<p>3. Terms of Reference, Page No. 15 & 16. 3.5 Scope of Work (iv) Provision of schedule and estimated cost of demolition of the existing weirs and barrages at Jokadia (W1) and Sujanpur (W3). The Department of Water Resources should be consulted adequately during the</p>	<p>Necessary permissions from WRD department shall be obtained by the client (IWAI). However <u>the successful consultant shall assist the client for obtaining permissions and necessary details by way of technical assistance and shall inform WRD</u></p>	<p>Kindly refer to the revised tender document.</p>

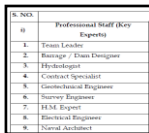
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	process of designing of the structures and the designs & drawings are to be vetted by the WRD, Govt. of Odisha prior to finalization.	<p><u>about the works to be done in writing.</u></p> <p>Kindly confirm.</p>	
30.	<p>3. Terms of Reference, Page No. 16.</p> <p>3.5 Scope of Work</p> <p>(vi) Preparation of detailed design, drawings, technical specifications, bill of quantities (BOQ) and cost estimates for the raising of embankment required to prevent any flooding/erosion due to the rising of water level in the reservoir for executing the work in engineering, procurement and construction (EPC) mode. The concerned Departments of Govt. of Odisha i.e. PWD, RD, Railways, NH etc. are to be adequately consulted during the Study and the proposed arrangements are to be vetted by concerned authorities prior to finalization.</p>	<p>Please provide the <u>length & height of embankment to be raised.</u></p> <p>Necessary permissions from Govt. of Odisha departments shall be obtained by the client (IWAI). However <u>the successful consultant shall assist the client for obtaining permissions and necessary details by way of technical assistance and shall inform Govt. of Odisha departments about the works to be done in writing.</u></p> <p>Kindly confirm.</p>	<p>The height of the embankment to be raised is as recommended in the Mathematical modeling study done by IIT, Guwahati. The extent of area is to be recommended by the consultant after due diligence.</p> <p>Kindly refer to revised tender document.</p>

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31.	<p>3. Terms of Reference, Page No. 16.</p> <p>3.5 Scope of Work</p> <p>(vii) Preparation of detailed layout plan along with detailed design & drawings, technical specifications and bill of quantities (BOQ) & cost estimates for internal road, drainage, and other utilities for executing the work in engineering, procurement and construction (EPC) mode. The concerned Departments of Govt. of Odisha i.e. PWD, RD, Railways, NH etc. are to be adequately consulted during the study and the proposed arrangements are to be vetted by concerned authorities prior to finalization.</p>	<p>Please provide the <u>details of internal road, drainage, and other utilities for executing works.</u></p> <p>Necessary permissions from Govt. of Odisha departments shall be obtained by the client (IWAI). However <u>the successful consultant shall assist the client for obtaining permissions and necessary details by way of technical assistance and shall inform Govt. of Odisha departments about the works to be done in writing.</u></p> <p>Kindly confirm.</p>	<p>Kindly refer to Serial No. 12.</p> <p>Kindly refer to revised tender document.</p>
32.	<p>3. Terms of Reference, Page No. 16.</p> <p>3.5 Scope of Work</p> <p>(viii) Examine the adequacy of the existing road linkages between the check dam/barrage and nearest main road, proposed improvements required to facilitate smooth two way flow of trucks and trailers from/to the Dam/barrage site and hinterland. Requirement of land acquisition (if any) for widening of road /improvement of bends.</p>	<p>Please provide <u>the details of proposed improvements required to facilitate smooth two way flow of trucks and trailers from/to the dam/barrage site and hinterland.</u></p> <p>Land acquisition for the same shall be obtained by client (IWAI). However <u>the successful consultant shall assist the client for obtaining permissions and necessary details by way of technical assistance and necessary permissions from Govt. of Odisha departments shall be obtained by client (IWAI).</u> Kindly confirm.</p>	<p>The details of proposed improvements are to be worked out and recommended by the consultant.</p> <p>Kindly refer to revised tender document.</p>

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33.	3. Terms of Reference, Page No. 16. 3.5 Scope of Work (x) Preparation of EPC mode contract documents both Request for Qualification (RFQ) & Request for Proposal (RFP) for execution of all the works and provide all necessary technical details etc.	The successful Consultant shall prepare contract documents; both prepare RFQ & RFP for EPC mode to execute works. The process and selection of EPC contractor / EPC Tender evaluation is not under the consultancy work. Please confirm.	Yes the understanding is correct. However the consultant would have to assist IWAI in finalizing the pre-bid queries of the EPC tender if the same is undertaken by IWAI within one year of completion of this consultancy work.
34.	3. Terms of Reference, Page No. 17. 3.6 Deliverables (ii) Interim Report giving status of survey, geotechnical investigation, assessment of existing structures (weirs/dams/bridges) and clearances required.	<u>The cost of Topographical / Hydrographical survey and Geo-technical / Geological investigation shall be arranged and borne by the Client, directly.</u> However consultant will assist and review the same. Kindly confirm.	Kindly refer to Serial No. 28.
35.	3. Terms of Reference, Page No. 19. 3.8 TIME SCHEDULE/SUBMISSION OF REPORTS: (a) The total period of completion of this assignment would be 12 months from the date of signing of the Contract by IWAI and the selected consultant. The time of completion of various sub-stages of the assignment will be as given as:	On perusing the extent of scope of services required and permissions required from various authorities, it is requested to increase the <u>time period for completion of this assignment to 24 months.</u> The time schedule for various Sub-stages shall be modified accordingly. Kindly confirm.	No change. Kindly refer to the revised tender document.
36.	5. Submission of Tender, Page No. 24 and Notice inviting E-tender, Page No. 5. i) The Consultant shall submit a signed and complete Proposal comprising the documents and forms. The submission can be done by <u>mail or by hand.</u> (xiii) Tenderer shall agree to the terms & conditions of the tender and <u>submit the tender online</u> duly signed in each page for	Please clarify whether this Consultancy tender is to be <u>submitted ONLINE ONLY</u> in the E-procurement portal <u>http://eprocure.gov.in/eprocure/app</u>	Yes, the understanding is correct. Kindly refer to the revised tender document.

S. No	Reference clause of Tender Document	Query	Replies for Queries
	agreeing the same.		
37.	<p>6.2 Bid Evaluation, Page No. 26 & 6.6 Method of Selection, Page No.29.</p> <p>6.2 Bid Evaluation: (i) The bids will be evaluated on Quality cum Cost Based Selection (QCBS) process with 75% weight age to technical bids and 25% to financial bids.</p> <p>6.6 Method of Selection: $S = (St) \times Tw + (Sf) \times Fw$ Where, Tw and Fw are weights assigned to technical and financial proposals that shall be 0.7 and 0.3 respectively.</p>	<p>Since it is QCBS:75%:25%</p> <p>In method of selection, it will be Tw and Fw are weights assigned to technical and financial proposals that shall be <u>0.75 and 0.25 respectively.</u></p> <p>Kindly confirm / clarify.</p>	<p>Yes, the understanding is correct.</p> <p>Kindly refer to the revised tender document.</p>
38.	<p>6.2 Bid Evaluation, Page No. 26.</p> <p>(v) The tender committee shall evaluate the Technical Proposals on the basis of the merit of the consultant, their experience and exposure in the respective field, their responsiveness to the Terms of Reference and the schematic terminal plan, tentative diagrams and drawings as submitted by the consultant by applying the specified evaluation criteria as given in the Section-10.4 to 10.6.</p>	<p>Please clarify whether "<u>Section-10.4 to 10.6</u>" to be read as <u>Section-6.4 to 6.6.</u></p>	<p>Kindly refer to the revised tender document.</p>
39.	<p>12. General conditions of contract;, Page No.31</p> <p>(i) Consultants are advised to visit the site and satisfy themselves about the field conditions before submission of Bid and submit an undertaking in this regard. The</p>	<p>We request you to provide <u>contact details of the Nodal person</u> for Project site visits.</p>	<p>Mr. Abinash Roul, Dy Director (Projects) Plot no. 191, 1st floor, Bayababa Math lane near Radha Krishna temple, Unit- 9, Bhubaneswar 751 022 Mob - 9437034763 Email Address: abinash.roul@gov.in .</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
	consultant shall be deemed to have full knowledge of the site, situations, and local conditions prevailing at the project site.		
40.	<p>13. Clarification and / or interpretation of report:, Page No.41</p> <p>After submission of the final report by the consultant to the satisfaction of Employer if clarifications are required or doubt arises as to the interpretation of anything included in the reports, consultants shall, on receipt of written request from Employer, furnish such clarification to the satisfaction of Employer within 15 days without any extra charge, even after completion of study.</p>	<p>Please provide <u>time limit for such clarifications required to the client (IWAI) after completion of final reports to the satisfaction of Employer.</u></p>	<p>The extent of time for the clarifications after completion of the consultancy work would be decided mutually by the IWAI & the successful bidder.</p>
41.	<p>16. LIQUIDATED DAMAGES, Page No. 42</p> <p>(i) If consultant fails to complete the whole of the works within the period specified under the agreement, the consultant shall pay to the Employer as fixed and agreed liquidated damages, and not as penalty, a sum @ 0.1% of the agreed fees for each calendar day of delay.</p>	<p>We request you to <u>delete this clause.</u></p>	<p>No change.</p>
42.	<p>3. Terms of Reference, Page No 12 to 44</p> <p>3.5 Scope of Work</p>	<p>Whether consultant to design the dams taking into account earthquake requirements? If so, Please provide (Part 5: Dams and Embankments) the Indian earthquake standards for dams.</p> <p>If code is not furnished, Please provide guidelines to follow earthquake factors to be considered in design.</p>	<p>Yes, the understanding is correct. For standards kindly refer to</p> <p>SP: 22(S&T)-1982 IS: 1893-1(200) IS: 4967-1968.</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
43.	3. Terms of Reference, Page No 12 to 44 3.5 Scope of Work	What is the required accuracy level of the cost estimate for the FEED (+/- 30 %)? Please confirm.	The required accuracy level of the cost estimate for the FEED would be +/-15%.
44.	3. Terms of Reference, Page No 12 to 44 3.5 Scope of Work	For how many ships per year (and how many ships per size class) do we need to design the locks? Are the locks required to be operational even during periods of peak discharges at the weirs? Please confirm.	May be clarified at later stage to the successful bidder.
45.	3. Terms of Reference, Page No 12 to 44 3.5 Scope of Work	Is there any need to save water during the lock leveling process (i.e. need to design water saving basins)?	The weirs / barrages / navigation lock are to be designed with state of art technology and best practices available worldwide. Conservation of water is always kept in mind for any such structures.
46.	3. Terms of Reference, Page No 12 to 44 3.5 Scope of Work	Please provide a list with characteristic discharges at the planned location of the weirs.	The bidder has to do their own due diligence.
47.	Annex - VII (B), Page 61. 1B.Break-up of Remuneration: 	Tender document indicates 11 Key Experts on Pages 18 and 27 of Tender document. Kindly confirm / clarify whether this Table 1B - shall be modified for 11 Key Experts.	Yes, the understanding is correct. Kindly refer to the revised tender document.
3. ROYAL HASKONING DHV			
48.	Pg-4	"Estimated costs of work being 8 crore". Please confirm this does not include all site investigation works which are deemed reimbursements to the consultant.	Kindly refer to Serial No. 20 & 28 above.
49.	Pg 13 , Clause 3.3	Please provide copies of the 2010, 2015 & 2016 reports by WAPCOS & IIT Guwahati.	Available at IWAI website www.iwai.nic.in .

S. No	Reference clause of Tender Document	Query	Replies for Queries
50.	Pg 13	Reference to “mathematical flood modeling”. Please confirm no further numerical current, water level, morphological and ship maneuvering modeling is required under this study scope.	Due diligence is to be done by consultants for preparation of quality DPR and EPC tender document.
51.	Pg 14 & Pg15 etc	Reference to raising of embankments - Please provide an estimate of the extent of works by which this reference to work scope applied to the project SOW. Are the embankment raising only required alongside the individual structure or all along the river system?	This is to be worked out by the consultant and recommend the extent of the embankment. Kindly refer to Serial No. 31.
52.	Pg 15. Clause 3.4	Reference to navigational locks - Please provide a basic technical description of functional requirement of these structures & expected mode of operation etc.	Please note these information’s are to be recommended by the consultant after due diligence including the mode of operation.
53.	Pg 15. Clause 3.4	Reference to FEED design and EPC tender documents - Please validate that in accordance with industry standards the design of individual structures shall be limited to 30% of full detailed design.	Kindly refer to the Serial No. 9.
54.	Pg 15. Clause 3.5	The reference to land needs for auxiliary structures and roads - Please confirm that in addition to the scope associated with embankments, weirs and barrages the repeat reference to auxiliary structures and roads is such that the assignment is only limited to providing road access to each structure from nearby main roads and auxiliary areas is limited to lock pump houses etc	Yes, the understating is correct

S. No	Reference clause of Tender Document	Query	Replies for Queries
55.	Pg 17 Clause 3.7	Please confirm that it is acceptable for named technical expertise to be located at their home office (which maybe abroad) whereas the project is serviced by a Team Leader locally.	No, not acceptable.
56.	Pg 25 Eligibility.	Please confirm that similar work could also mean consultancy work for weirs/barrages/dams for a channel width of about 300 mtr.(+ 50 mtr.) or bank to bank width of about 450 mtr.(+ 50 mtr.) and/or for navigational lock/head regulators for a channel width of about 300 mtr.(± 50 mtr.) or bank to bank width of about 450 mtr.(± 50 mtr.)	Kindly refer to the revised tender document.
57.	Pg 30 Clause 11.2	Please confirm that in accordance with normal industry practice a 20% mobilization payment shall apply in order to cover the site investigation works.	No change.
58.	Pg 42. Clause 126	Liquidated Damages. Please confirm that the 0.1% per day only applied on a deliverable item by item basis and not on the whole contract sum.	No change.
59.	Pg 60	The reference to topographic surveys - does this item include determining which levels of the embankment require raising along the whole extent of the study domain. This could be an extensive additional survey compared to say that for each structure and road access.	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
4. <u>AECOM</u>			
60.	Clause 3.3 TOR, Pg. 13 Program Objectives: It may be noted that the stretch from Padnival to Dhamra / Paradip is tidal and LAD of 3.0 mtr can be maintained without much efforts by carrying out maintenace dredging as and when required.	IWAI has earlier come out tender for consultancy service for NW-5 development, in which it was required to assess the feasibility of plying vessel with higher draft vis a vis investment needed. The same was however withdrawn. The current tender implies meanwhile IWAI have already decided that 3 m LAD is the most techno-economic solution. Further it has also been decided that the proposed structures, as part of current assignment, would enable maintain the LAD of 3 m. We request that IWAI may kindly provide us the copy of studies conducted in this regard for better understanding of the project.	Kindly refer to the reports available at the IWAI website www.iwai.nic.in .
61.	Clause 6.1 a) TOR, Pg. 25 Eligibility Criteria	It is requested that in the eligibility criteria the detailed design and engineering for marine structures such as breakwaters, jetties, and berths may also be included.	No change.
62.	Clause 6.1 a) TOR, Pg. 25 Eligibility Criteria	Considering the importance of the assignment it is requested that in the preparation of feasibility study be excluded from the qualifying criteria.	No change.
63.	Clause 6.1 a) TOR, Pg. 25 Eligibility Criteria	Considering the importance of the assignment it is requested that carrying out detailed design and engineering of the marine and hydraulic structures be included in the qualifying criteria.	Detailed designing and engineering of hydraulic structures is already in the qualifying criteria. Hence no change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
64.	Clause 6.1 a) i,ii & iii, TOR, Pg. 25 Eligibility Criteria	For the assignment completed 5 to 6 years ago, the escalation factor be specified to bring the value of completed assignment to the level of financial year 2016-17.	Kindly refer to the revised tender document.
65.	Clause 6.1 a) i,ii & iii, TOR, Pg. 25 Eligibility Criteria - Similar Works	At present it seems that Navigational lock integral with the barrage, dams etc. shall be considered as qualifying criteria. We request that if the bidder has been involved in the design of an independent navigational lock and has also carried out works for dams, barrages, weirs independently he may also be considered, subject to meeting the other financial criteria, may also be considered.	Yes, the understanding is correct. Kindly refer to revised tender document.
66.	Clause 3.7.1 TOR, Pg. 18 Navigational Lock Expert- B.E/B.Tech Civil, M.Tech Civil or equivalent, 10 years experience	For design of gates, we feel that degree in Naval Architecture is important. Hence request to modify the same as B.E / B. Tech Ocean Engineering and Naval Architecture with minimum experience of 20 years.	No change.
<u>5. HOWE ENGINEERING PROJECTS PVT. LTD.</u>			
67.	Page No. -4 Clause No. v) & vii) NIT v) Likely date of issue of pre-bid meeting minutes: 7.010.2016. vii) Bid closing/document download end date & time: 04.11.2016 at 15.00 hrs.	Request to give at least 4 week's time after issue of minutes of Pre-bid meetings or replies to last bid queries	Kindly refer to the revised tender document.
68.	Page No. 13 Clause No. 3.3 3-Terms of reference Kani River till Padnipal (Rubber Dam with navigational lock W5). The flow depth ranges during lean season in the Kani river are lesser than depths required for	Please clarify if it is necessary to propose rubber dam with navigation lock & minor dredging in its upstream or if feasible, dredging only can be proposed to achieve required water depth.	Kindly refer to Serial No. - 6

S. No	Reference clause of Tender Document	Query	Replies for Queries
	navigation. The navigable depths in this reach could be obtained either by dredging along with reducing width or providing 4.25 m Rubber Dam with navigation lock at the downstream along with minor dredging in the upstream.		
69.	Page No. 17-18 Clause No. 3.7.1 (ii) Key Expert's qualifications & competency for consignment Barrage/Dam Expert: Minimum Qualification- B.E./B. Tech in Engineering Experience- 25 Years including 5 years as Chief Engineer/Head	Minimum Qualifications requirement may be amended to B.E./B. Tech (Civil) with number of years of experience increased to 25 years instead of 20 years.	Kindly refer to the revised tender document.
70.	Page No. 18-19; Clause No. 3.8 Time Schedule/Submission of Reports (a) The total period of completion of this assignment would be 12 months from the date of signing of the Contract by IWAI and the selected consultant.	Total period of completion of assignment is 12 months. This is too less compared to scope of the work especially in view of the requirement of extensive Geotechnical Surveys and approval of designs by Govt. of Odisha/WR Deptt/PWD (NHAI)/ Railways etc. these activities are likely to take at least 3-4 months. The completion period may be increased to 18 months to make it practicable.	No Change.
71.	Page No. 25; Clause No. 6.1 (a) Eligibility Criteria/Evaluation of Bids: 6.1 Eligibility Criteria a) The following criteria shall be adopted for assessing eligibility of the bidders: The bidder should have completed the consultancy works(s) of DPR	To replace similar works as following: <ul style="list-style-type: none"> Similar works means construction works for weirs/barrages/ports/IWT terminal/dry docks/navigational locks. 	Kindly refer to the revised tender document.

S. No	Reference clause of Tender Document	Query	Replies for Queries
	<p>preparation/PMC including proof checking, feasibility study etc. in the past seven years (certificates of completion/substantial completion issued by the clients to be attached as per the following :</p> <p>i) One (01 no.) similar* work costing not less than Rs 6.4 Crs. Or above, or</p> <p>ii) Two (02. Nos.) similar* work costing not less than Rs. 4.0 Crs. Each or above, or</p> <p>iii) Three (03 nos.) similar* work costing not less than Rs. 3.2 Crs. Each or above,</p> <ul style="list-style-type: none"> • Similar work means consultancy work for weirs/barrages/dams with navigational lock/head regulators for a channel width of about 300 mtr.(+50 mtr.) or bank to bank width of about 450 mtr. (+50 mtr.), 		
6. IRCLASS			
72.	<p>6.1 a) Eligibility Criteria The bidder should have completed the consultancy work (s) of DPR preparation / PMC including proof checking, feasibility study etc. in the past seven year</p>	<p>Kindly consider consultancy work (s) of DPR preparation / PMC including Supervision, Quality Control and Quality Assurance, proof checking, feasibility study etc. in the past seven years.</p>	No change.
73.	<p>9. Earnest Money Deposit (EMD)- Consultant shall submit, EMD amounting Rs. 16,00,000/- . 50 % of earnest money shall have to be deposited through RTGS, and balance amount may be deposited in shape of Bank Guarantee of any nationalized /scheduled bank.</p>	<p>Kindly consider EMD of Rs. 16 lakhs full in the shape of Bank Guarantee (BG) only.</p>	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
7. Aarvee Associates			
74.	<p>Page no. 25 & Clause 6.1 Eligibility Criteria : The bidder should have completed the consultancy work (s) of DPR Preparation /PMC including proof checking, feasibility study etc. in the past seven years as per the following :</p> <p>(i) One (01 no.) similar* work costing not less than Rs 6.4 Crs. or above, or (ii) two (02 nos.) similar* work costing not less than Rs 4.0 Crs. each or above (or) (iii three (03 nos.) similar* work costing not less than Rs. 3.2 Crs. each or above,</p>	<p>In general the consultancy fee for similar scope of assignments will not be as much as specified in the clause 6.1 of tender document. Hence it is requested to reduce the value of similar work in the eligibility criteria as below.</p> <p>(i) One (01 no.) similar* work costing not less than Rs 6.0 Crs. or above, or (ii) two (02 nos.) similar* work costing not less than Rs 4.0 Crs. each or above (or) (iii three (03 nos.) similar* work costing not less than Rs. 2.0 Crs. each or above,</p>	No change.
75.	Page no. 25 & Clause 6.1 Escalation factor for the cost of work	As a common practice of tenders, there will be a provision of 7 % escalation factor to bring the value of work completed in past to the current year. Hope the same is applicable for this tender as well.	Kindly refer to the revised tender document.
76.	<p>Page no. 26 & Clause 6.2(i) Method of Selection: The bids will be evaluated on Quality cum Cost Based Selection (QCBS) process with 75 % weightage to technical bids and 25 % to financial bids.</p>	As per clause 6.2(i), 75 % Technical and 25% Financial weightage is given for the evaluation criteria, where as refer to ring to clause 6.6, it is mentioned as 70 % Technical and 30 % Financial. Please confirm that which one will be considered for the evaluation.	Kindly refer to the Serial No. - 38.
77.	<p>General Requirement of clearance from statutory bodies</p>	Please mention the different clearance from the statutory bodies required for this assignment. Also confirm whether the cost for obtaining clearances is under the scope of consultant?	Statutory bodies are to be specified by the consultant. Kindly refer to the revised tender document.

S. No	Reference clause of Tender Document	Query	Replies for Queries
78.	General Man-months requirement of Key Professionals	The minimum man-month requirement of Key professionals may please be specified. This will help the bidders to quote on a common platform.	This is to be worked out by the respective bidders.
79.	General Roles & Responsibilities of Key Professionals	Please mention a brief note on roles & responsibilities of key professionals to understand the client's expectation on staff involvement for this assignment	As per the scope of work, this is to be provided by the consultant.
<u>8. EGIS</u>			
80.	Clause 3.3 (Page 13) and Annex - VIII (Page 62) It is mentioned here that, IIT Guwahati did the 100 years flood simulation studies at proposed locations of weirs W1, W2, W3, W5 and Check dams C1 and C2. Annex-VIII column 7 gives the Max WL@ 100 years Flood MSL.	Kindly clarify, that the consultant should adopt the Max. WL @100 years Flood MSL, provided in Annex - VIII as recommended by IIT Guwahati or the consultant have to redo the flood simulation studies of the river stretch from Jakodia to Padnival to determine the Max. WL @100 years Flood MSL.	Yes the understanding is correct. The consultant doesn't need to do any fresh hundred year flood simulation studies.
81.	Clause 3.4 (Page 15) Clause 3.9 (Page 21) Clause 3.4 states that "Hydrographic survey chart and Topographic survey of the site will be made available to the consultant by IWAI on their demand". Clause 3.9 (a) states that "On request by the Consultant, the Employer shall provide the details of hydrographic survey data and studies, if any conducted by the Employer in past".	Kindly provide the details of hydrographic and topographic data available with IWAI.	Kindly refer to Serial No. - 7 & 28.
82.	Clause 3.5 (Page 15 - 17) Clause 3.6 iii (page 17)	Please clarify that, do the consultant have to co-ordinate with all government departments to receive approval on the DPR, or IWAI will	Yes the understanding is correct. Kindly refer to Serial No. - 8 above.

S. No	Reference clause of Tender Document	Query	Replies for Queries
	The clause states that, WRD, PWD and other concerned departments of Govt. of Odisha, Railways, RD, NH etc. should be consulted adequately and the design, drawings and proposed arrangements are to be vetted by concerned authorities prior to finalization.	do the same with support from the consultant. It is to be noted here that, additional time is required to receive approval from various government departments on the DPR.	
83.	Clause 3.5 xiii (page 17) Detailed presentation of DPR at Iwai head office Noida as well as to Ministry of Shipping, State Govt. of Odisha and other concerned Central / State Government Authorities which become necessary for acceptance and	Please clarify that who will be the approving authority for the said DPR and who will coordinate with various government departments for acceptance and accord.	Irrelevant query.
84.	Clause 3.7.1 page 17 Key Experts, Minimum qualification, experience	a) Requirement of Naval Architect with 15 years of experience as key expert should be reconsidered. b) Minimum required experience of Hydro-mechanical and Electrical expert	No change.
85.	Clause 3.6 Clause 3.8 Deliverables Time schedule/Submission of Reports.	Given the nature of assignment, including getting accord and acceptance on the Inception Report, Interim Report, Draft DPR and Final DPR including presentations to various Central/State government departments like Ministry of Shipping, WRD, PWD departments of Govt. of Odisha, Railways, NH, and Consultant need minimum of 18 months to deliver the reports. In case of delay in data availability and government approvals, extra time without	Kindly refer to the revised tender document.

S. No	Reference clause of Tender Document	Query	Replies for Queries
		LD should be provided.	
86.	Clause 15 (page 41)	IWAI should ensure the safety and security of surveyors and other personals deployed on site for the said project in-case the consultant team is manhandled at site by locals or naxalite/maoist group.	No change. Kindly note it is the responsibility of the consultancy firm to ensure the safety & security of their personals.
87.	Pg 5, point (X) Earnest Money Deposit (EMD): Rs 16,00,000/- [50% of earnest money, shall have to be deposited through RTGS, and balance amount may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.]	We would like to mention that the EMD amount of Rs 16,00,000 is significantly high for a project whose estimated cost is Rs 8,00,000,00. We would like to request the department to lower the EMD fee and also allow the consultants to deposit the entire EMD amount in the shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.].	No change.
88.	Pg6, point 2 (b) “Consultant” means any entity or person or association of person who provides the Services to the Employer under the Contract. Joint Venture companies are not covered by this term.	Consultant” means any entity or person or association of person or joint venture or consortium of companies who provides the Services to the Employer under the Contract. In the case of a Global group companies, Indian subsidiary of an International company shall be allowed to participate by using the experience / refer to ences of their parent company to fulfil the Minimum Eligibility Criteria, In case an applicant firm possesses the requisite experience and capabilities required for undertaking the Consulting services, it may participate in the Selection	Kindly refer to the revised tender documents.

S. No	Reference clause of Tender Document	Query	Replies for Queries
		<p>Process either individually (the “Sole Firm”) or as a consortium of firms in response to this invitation. The term applicant (the “consultant”) means the Sole Firm or the consortium, as the case may be. The manner in which the Proposal is required to be submitted, evaluated and accepted is explained in this RFP.</p>	
89.	<p>Pg 25, point 6 6.1 Eligibility Criteria The following criteria shall be adopted for assessing eligibility of the bidders: The bidder should have completed the work/consultancy in the past seven years (certificates of completion/ substantial completion issued by the clients to be attached) as per the following: i) one (01 no.) similar* work costing not less than Rs 6.4 Crs. or above, or ii) two (02 nos.) similar* work costing not less than Rs 4.0 Crs. each, or above, or iii) three (03 nos.) similar* work costing not less than Rs 3.2 Crs. each or above *Similar work means consultancy work for weirs/ barrages/dams with navigational lock/head regulators for channel width of about 300 mtr.(+50 mtr.) or bank to bank width of about 450</p>	<p>With the objective of qualitative competition, We would request the department to enhance the eligibility criteria. The changes that we propose for the project are as under: The following criteria shall be adopted for assessing eligibility of the bidders: The bidder should have completed the consultancy work (s) of DPR preparation / PMC including proof checking, feasibility study etc. in the past seven years (certificates of completion / substantial completion issued by the clients to be attached) as per the followings: i) one (01no.) port / IWT terminal development work / barrages with navigational lock, dry docks and dams costing not less than Rs 1280 Crs,or ii) two (02 nos) ports / IWTs terminal development work / barrages with navigational lock, dry docks and dams costing not less than Rs 800.00 Crs each,or iii) three (03 nos.) ports / IWTs terminal development work / barrages with navigational lock, dry docks and dams</p>	<p>Kindly refer to the revised tender documents.</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
	mtr.(+50mtrs.),	costing not less than Rs 640.00 Crs each	
90.	Pg 25, point (b) Annual average financial turnover of the bidder should not be less than Rs. 8.0 crores during last 3 financial years ending 31st March, 2016. This has to be submitted with supporting documents certified by a Chartered Accountant. The year with no turn over would also be considered for working out the average	With the objective of qualitative competition, We would request the department to enhance the eligibility criteria. The changes that we propose for the project is: Annual average financial turnover of the bidder should not be less than Rs. 50.0 crores during last 3 financial years ending 31st March, 2016. This has to be submitted with supporting documents certified by a Chartered Accountant. The year with no turn over would also be considered for working out the average.	No change.
91.	Pg26, point 6.2(i) The bids will be evaluated on Quality cum Cost Based Selection (QCBS) process with 70% weightage to technical bids and 30% to financial bids	The bids will be evaluated on Quality cum Cost Based Selection (QCBS) process with 80% weightage to technical bids and 20% to financial bids	Kindly refer to Serial No. – 38.
92.	Pg 31, point vi vi) The consultant will submit to the Employer a bill in triplicate on completion of each stage of consultancy service giving the details of fees, charges, service rendered etc. for payment by the Employer. vii) The rate quoted shall include all taxes, duties, etc. such as sales tax/VAT, octroi, duties, toll and service tax etc. as applicable	With the changing dynamics of the taxation policy in India, we request the department to please to furnish the financial bids excluding taxes. All taxes applicable on the consulting fee may be considered separately over and above the consulting fee	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
93.	<p>Pg 42, point 16 LIQUIDATED DAMAGES: If consultant fails to complete the whole of the works within the period specified under the agreement, the consultant shall pay to the Employer as fixed and agreed liquidated damages, and not as penalty, a sum @ 0.1% of the agreed fees for each calendar day of delay.</p> <p>The aggregate maximum of liquidated damages payable to the Employer under this Section shall be subject to a maximum of 10% of the total consultancy fee.</p>	<p>The penalty under the specific clause is significantly high, We request the department for removal of this clause. Also, in case the clause is to be retained, we request the department for the following change</p> <p>If consultant fails to complete the whole of the works within the period specified under the agreement, the consultant shall pay to the Employer as fixed and agreed liquidated damages, and not as penalty, a sum @ 0.05% of the agreed fees for each calendar day of delay.</p> <p>The aggregate maximum of liquidated damages payable to the Employer under this Section shall be subject to a maximum of 5% of the total consultancy fee.</p> <p>Delay due to inputs/review fro / by IWAI and other central and state Government departments and vetting / proof checking process, will not attract LD.</p>	No change.
9. TOJO VIKAS			
94.	Para of Tender Document 3.3	The study is limited to the river network: We presume total navigational length to study to be around 137Kms. Kindly Confirm.	Yes, the understanding is correct.
95.	Para of Tender Document 3.3	<p>Kani River till Padnipal (Rubber dam with Navigational Lock W5); rubber dam:</p> <p>The rubber dam height has been mentioned as 4.25mts, while as per available</p>	No change. Kindly refer to the Serial No. 6.

S. No	Reference clause of Tender Document	Query	Replies for Queries
		information only 3 rubber dams have been built in the country in AP state of upto 3.8mts height, that too during 2006-2008 only. Since this type of dam has not been adopted for navigational facility, you may consider changing this to normal barrage.	
96.	Para of Tender Document 3.5 ii	Scope of work: In view of the above, the mention of rubber dam needs to be dropped and changed to regular weir with navigational lock.	No change.
97.	Para of Tender Document 3.5 iii	Getting permission from state revenue department for land survey (Govt. and private land) and engaging patwaris to demarcate the land and preparing their details is time consuming process. Number of officials/Patwaris may be involved depending on the location of the structures.	No change. Kindly refer to Serial No. 8.
98.	Para of Tender Document 3.5 iv	Detailed design and drawings, technical specifications, BOQ and cost estimate for seven major structures (weir cum barrage, navigational locks, Check dams all other allied structures) involve huge quantum of work. Also, demolition of existing weirs and barrages at Jokadia (W1) and Sujanpur (W3) involves lots of efforts for demolition and disposal of debris created by demolition. For this purpose, a method statement needs to be prepared and get approved by AWAI/ Water Resources department Odisha. This is really a very time consuming process. Consultation with water reserve dept. officials may not be smooth sailing and	No change in time schedule. Kindly refer to Serial No. – 8 & 9 above.

S. No	Reference clause of Tender Document	Query	Replies for Queries
		<p>would result in delays most of the time. Design and Drawings of barrages, weirs need to be vetted by WRD Govt. of Odisha. This has a serious implication on the time schedule on submission of draft DPR as there could be inordinate delays for various reasons.</p>	
99.	Para of Tender Document 3.5 vi & viii	<p>Consultation with other concerned govt. depts. namely PWD, RD, Railways, NH etc. will also lead to delay in finalization of designs and report preparation. Adequate provision for this need to be made.</p>	<p>Kindly refer to the revised tender documents.</p>
100.	Para of Tender Document 3.5 ix	<p>Limiting EPC package to 450 Crs for any group may not be feasible. What is the upper limit of this cost??</p>	<p>Rs. 450 Cr. is the upper limit of this cost.</p>
101.	Para of Tender Document 3.5 x	<p>Preparation EPC mode contracts documents as enumerated herein, though important, will consume considerable time to avoid confusion or overlapping especially when we are dealing with number of packages for the entire job. Jobs should not be done in hurry.</p>	<p>No change in time schedule.</p>
102.	3.7	<p>Key Experts: Apart from dismantling of two existing weirs, raising of 2 existing dams, additionally, 2 weirs and check dams need to be constructed. Hence for this purpose, during site selection process and subsequent to geotechnical investigation, information from geologist is also essential. Hence, list should be revised to include geologist.</p>	<p>No change. However, kindly refer to the revised tender documents.</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
103.	3.8	The time schedule described is grossly underestimated, particularly when the investigations to be carried out involves 3000mts of drilling and extensive topographical and hydrographic surveys. From each of the drill holes core samples have to be tested for various parameters to be used for design purpose. All this would need more time. It is our view that total period of completion should be revised to 24months. Decision may be taken during pre-bid meeting.	No change.
104.	3.8	Suggested Schedule Item (i) 3 Months; Item (ii) 9 months item(iii) 18 months item (iv) 20 Months; Item(v) 21 Months ; Item (vi) 22 Months ; Item (vii) 23 Months Item (viii &ix) 24 Months.	No change.
105.	6.1	Eligibility criteria: Hardly any firm except, Public undertaking qualifies in India (a). It therefore appears that any Indian firm should have a joint venture with a foreign firm with experience cited. We have experience in DPR of Barrages, weirs carried out for hydropower project, and navigational locks. No barrage with navigational lock has been studied in recent years. The only navigational lock completed is Farakka Barrage in which our experts have worked.	Please refer to revised tender document.
106.	6.4	Include Geologist in key experts.	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
107.	9	We would prefer to all earnest money through BG. If not then, earnest money requirement through RTGS payment specified at 50% should be reduced to 20% and rest through BG.	No change.
108.	11.2	In view of change of time schedule and the large amount of field work involved, the payment in respect to item 2 needs to be revised to 20% and item 8 could be reduced to 10%.	No change.
109.	Annex VII A	The quantity of Topo and Bathymetry survey has not been mentioned. The topographic survey and Hydrographic survey have to cover a stretch of 137Kms river length, covering upto HFL. The survey also include site specific survey for barrages weirs , navigational locks and other works as specified under 3.3 program objective. It is assumed that apart from cross sections longitudinal of navigational reach of river also needs to be carried out. To maintain uniformity among all boulders spacing of X sections may also be specified.	Kindly see revised tender document.
110.	Geotechnical Survey	Under geotechnical survey, a sub item of Laboratory testing of samples (soil & rock) may also be included. The parameters for Lab sampling may please be defined so that it becomes uniform for all the bidders.	Due diligence to be done by the consultant.
111.	NIT Pg4 Item 2	Total cost estimated is 8Cr. In view of the large field work involved this appears to be is underestimate. In our view it has to be substantially revised.	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
10. Arkitechno			
112.	<ul style="list-style-type: none"> • RFP Clause 6.1, Eligibility Criteria a) The following criteria shall be adopted for assessing eligibility of the bidders: The bidder should have completed the consultancy work(s) of DPR preparation/PMC including proof checking, feasibility study etc. in the past seven years (certificates of completion/substantial completion issued by the clients to be attached) as per the following: i) one (01 no.) similar* work costing not less than Rs 6.4 Crs. or above, or ii) two (02 nos.) similar* work costing not less than Rs 4.0 Crs. each or above, or iii) three (03 nos.) similar* work costing not less than Rs 3.2 Crs. each or above, * Similar work means consultancy work for weirs/barrages/dams with navigational lock/head regulators for a channel width of about 300 mtr.(± 50 mtr.) e) Joint Venture firm (having partners limited to three including lead partner) shall be jointly and severally responsible for completion of the project. Joint Venture must fulfill the following minimum qualification requirements. 	<p>In this regard, I would like to support my point of seeking your kind considerations allowing Association in the Consortium, as follows,</p> <ul style="list-style-type: none"> • The Internationally acceptable FIDIC document on Contractual terms and conditions, being followed by MoRTH and NHAI, since 1998, has provisions of Consortium with one Lead, a JV and an Associate invariably, with a basic concept to let Newcomers to enter the field and provide a better qualitative competition in the future. • Inland Water Transport except few RPLs operating under IWTs under Army Corps of Engineers in NE sector has not taken deeper roots in the past. Most of consultants, whatever level they may be, are not exposed to Barrages/Weirs/Navigational Locks.etc. • IWAI projects and the thrust on Maritime Sector is the new sector for consultants to diversify and Venture into, later provide competition and quality in the future. • If there is no option available, as per your RFP and the telephonic clarification given, how an expertise will be developed by others, and you as a base/mother organization/Client of this sector are denying this opportunity. 	<p>Please refer to the revised tender document?</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
	<p>(i) The lead partner shall meet not less than 50% of qualification criteria given in sections 5.1 & 6.1(a) of above.</p> <p>(ii) Each of the remaining partners shall meet not less than 25% of all the qualifying criteria given in sections 5.1 & 6.1(a) of above.</p> <p>(iii) In the event that the Employer has caused the bidder to disqualify under Section 4.5, all of the Joint Venture partners will be disqualified.</p>	<ul style="list-style-type: none"> • With shipping being brought under MoRTH, I suppose, the good practices followed by them, should be applicable to you also. • As an Associate, one can easily support Lead Consultant with TOPO, Bathymetric, Geotech Surveys and land acquisition and other local coordination etc for better and speedy outputs. These tasks are common for all DPRs and do not require legibility criteria for qualification. • In addition a MEP/foreign/lead consultant always looks for an Association with middle level Consultants support to take care of such tasks and groom them for future. <p>In view of above, kindly consider the modification to clause no 6.1(e) to make provision for an Association along with Lead, and a JV partner with legibility criteria being applicable to them less Associate, as followed by MoRTH and NHAI, since 1998.</p>	
11. BREMSE			
113.	Refer to cl.10 where 100% of Security deposit is to be submitted in the form of BG, however EMD has been requested to be partly paid in BG and partly in DD. page - 5, NIT cl. (X), Earnest Money Deposit	We request you to modify the clause as for the security deposit (CL-10) and accept 100% of the amount Of EMD as Bank Guarantee also.	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
114.	Page -15, SoW, Cl. 3.5 - (iii)	Please confirm that Site is already selected and location may vary only within ± 50 m of identified location in DPR modeling report.	Kindly refer to Serial No.- 12 , 18 & 29.
115.	Page -15, SoW, Cl. 3.5 - (iv,v,vi,vii,viii)--- Please modify the detailed design / drawings to suit the objectives of the tender	As Tender level design and drawings.	The designs for the structures are to the extent of EPC tender document.
116.	Page-18, key experts,cl 3.7,1	Requirement of Naval expert for this project may please be reviewed. It is requested that this requirement may please be removed.	No change.
117.	page 21	From the project objectives, it is imperative that some of the consultants are in advantageous position as they have already worked on this project , but are not restricted to participate, under conflict of interest	No change.
118.	Page-26, Eligibility criteria -JV Kindly introduce a new cl. to accommodate international design consultants, who would like to make a JV but would like to maintain control about 100% aspects of the work. - Cl. e - (iv)	For Lead partners meeting 100 % of the requirements of sections 5.1 & 6.1(a) of above, and willing to participate only as a JV, clause e-(ii) will not be applicable.	No change.
119.	.75 - .25(page 26) or .7--.3 (page 29)	discrepancy in QCBS system marking may please be clarified	Kindly refer to Serial No. 38.
120.		It is requested that a mobilization advance of 10% my please be considered, which can be recovered on prorata basis from the future invoicing. This will facilitate early completion of works.	No change.

S. No	Reference clause of Tender Document	Query	Replies for Queries
12. TRACTEBEL ENGINEERING Pvt. Ltd.			
121.	<p>3.3 Project Objectives page no.15</p> <p>Objectives of the assignment:</p> <p>IWAI plans to develop initially the Brahmani river system network from Pankapal to Padnival through Kharsua-Tantigai-Dhaikia-Kani rivers for navigation..... The major recommendations of IIT Guwahati in their report, for the river network for maintaining 3.0 m LAD after thorough mathematical modelling studies are:..</p>	<p>We understand that the study area for consultant will be restricted from Pankapal to Padnival through Kharsua-Tantigai-Dhaikai-Kani river network of NW-5. No further investigations are envisaged on route and site selections. The consultant is expected to only refer to IIT Guwahati report for proposed locations of the major structures. Please confirm.</p>	<p>Kindly refer to Serial No. 24.</p>
122.	<p>3.5 (ii) page no 15 Annex- VII (A) 60</p> <p>The Consultant will undertake Topographical/Hydrographical survey and Geo-technical/Geological investigation at proposed weirs cum barrage, check dams & Rubber Dam with navigational lock locations and analyze the data for the purpose of design of structures as per prevailing guidelines.</p>	<p>It is requested to provide specification for topographical/hydrographical survey at proposed location given in Annex-VIII (at Page-62), so that all bidders are on same platform.</p>	<p>Please refer to Annexure-VIIA of revised tender document.</p>
123.	<p>3.5 (iv) to (xi) page no 15-16 Scope of work</p>	<p>Since the construction work shall be executed through EPC mode, we understand that the inclusion of detail design and engineering in scope of work is only upto the extent of EPC tender design. Please confirm.</p>	<p>Yes, the understanding is correct. Kindly refer to Serial No. - 9.</p>
124.	<p>3.52 (iii) page no 15 (iii) Site selection of weirs and check dams along with all details for land acquisition including ownership</p>	<p>Collection of land details including ownership and cost of land with adequate background papers from state revenue</p>	<p>Kindly refer to Serial No. - 8.</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
	and estimated cost of land. This will include all details and permissions to be collected from the State Revenue Departments with adequate background papers indicating Government and private land. This will also include land for Main Structures & Ancillary structures as well as for road connectivity.	departments is a tough task and repetitive visits may yields no significant results. Therefore It is requested that IWAI will provide the necessary and required data to consultant. Consultant will not be responsible for any delay in delivery of data from state authorities or other stakeholders during the course of study. Kindly confirm.	
125.	3.5 (xiii) page no 15 (xiii) Detailed presentation of DPR at IWAI head office Noida as well as to Ministry of Shipping, State Govt. of Odisha and other concerned Central / State Government Authorities which become necessary for acceptance and processing of DPR from time to time.	It is requested to clarify the names and locations of other concerned Central / State Government Authorities where consultant has to present the DPR. How many such outstation presentations envisaged by the IWAI.	Due diligence to be done by consultant.
126.	3.7.1 (i) Team Leader page no 17 Experience: 25 Years including 5 years as CE / Head	Since the all other key personnel are expected to be Master's degree holder, it is reasonable to consider the team leader with at least Master's degree in Engineering instead of B.E/B.Tech looking the importance of the study. Looking to the nature of technical scope, we propose following. Following experience would make more justice to the technical requirement of position for the project. Experience: 25 years of experience in planning, design, construction, preparation of DFR/DPR for various waterways/Irrigation and Water Resources/ River Training works/Construction of dams. The expert shall have held the responsible position of Director or equivalent in inland	Kindly refer to the revised tender document.

S. No	Reference clause of Tender Document	Query	Replies for Queries
		waterways and irrigation projects.	
127.	3.7 (xi) page no 18 Naval Architect	Since this assignment majorly involves the design of hydraulic structures likes weirs/barrage/locks, the need for Naval Architect is not understood. The primary role of naval architect is in vessel design which is not the requirement in Scope of works. It is suggested to delete this position.	No change.
128.	(X) of NIT page no 5 29 9 Earnest Money Deposit (EMD): Rs 16,00,000/- [50% of earnest money, shall have to be deposited through RTGS, and balance amount may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids	It is requested to consider 100% EMD amount in form of Bank Guarantee. Please confirm.	No change.
129.	3.8 (a) page no 19 Time Schedule/Submission of Reports: The total period of completion of this assignment would be 12 months from the date of signing of the Contract by IWAI and the selected consultant.	The time frame of 12 months to complete the assignment including preparation of tender documents is less w.r.t. the scope mentioned in the ToR. It is requested to increase the period of consultancy to 15 months. Please confirm.	No change.
130.	6.1 (a) page no 25 The bidder should have completed the consultancy work(s) of DPR preparation/PMC including proof checking, feasibility study etc. in the past seven years (certificates of completion/substantial completion issued by the clients	We have following major concerns on the eligibility criteria : 1. Although a single project fee relates to 80% of the estimated design fees, but the absolute fees mentioned is very high in the Indian context. The design fees for design of such structures (built long back in India) would not be so high. We request you to	1. No change. Kindly refer to the revised tender document.

S. No	Reference clause of Tender Document	Query	Replies for Queries
	<p>to be attached) as per the following:</p> <ul style="list-style-type: none"> i) one (01 no.) similar* work costing not less than Rs 6.4 Crs. or above, or ii) two (02 nos.) similar* work costing not less than Rs 4.0 Crs. each or above, or iii) three (03 nos.) similar* work costing not less than Rs 3.2 Crs. each or above, <p>* Similar work means consultancy work for weirs/barrages/ dams with navigational lock/head regulators for a channel width of about 300 mtr.(+ 50 mtr.) or bank to bank width of about 450 mtr.(+ 50 mtr.),</p>	<p>reconsider these criteria to a maximum single work with atleast INR 1.5Crs and multiple similar work with atleast 0.75 cr could be considered for qualification purpose.</p> <p>2. The similar work definition for weirs/barrages/dams with navigational lock/head regulators is rare kind of structures build together. We therefore request you to change the definition of similar works as:</p> <ul style="list-style-type: none"> i) <i>consultancy work for weir/barrage/dam</i> ii) <i>consultancy work for weir/barrage/dam with navigational lock</i> iii) <i>Consultancy work for navigational locks only.</i> <p>Most importantly the criterion relevant to design of hydraulic structure is in terms of "height" of structure whether it is barrage/dam/weir. Therefore the criterion for width of channel/bank is insignificant. We therefore request you to reconsider the above criteria.</p>	<p>2. Kindly refer to the revised tender document.</p>
131.	<p>6.1 (e) page no 26 e) Joint Venture firm (having partners limited to three including lead partner) shall be jointly and severally responsible for completion of the project. Joint Venture must fulfill the following minimum qualification requirements.</p> <p>(i) The lead partner shall meet not less than 50% of qualification criteria given in</p>	<p>It is requested to consider eligibility of Joint venture firm as whole. JV partners, jointly and severally responsible for this assignment, will nominate one of partner as Lead Member to coordinate with IWAI during execution. Please confirm.</p>	<p>No change. Please refer to revised tender document.</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
	<p>sections 5.1 & 6.1(a) of above. (ii) Each of the remaining partners shall meet not less than 25% of all the qualifying criteria given in sections 5.1 & 6.1(a) of above.</p>		
132.	<p>6.2 (i) page no 26 6.6 (b) page no 28 (The bids will be evaluated on Quality cum Cost Based Selection (QCBS) process with 75% weightage to technical bids and 25% to financial bids.</p> <p>Where, T_w and F_w are weights assigned to technical and financial proposals that shall be 0.7 and 0.3 respectively</p>	<p>Please clarify the weightage towards technical and financial bids for QCBS evaluation.</p>	<p>Kindly refer to Serial No. 38.</p>
133.	<p>11.2 page no 30 Stages of Payment:</p> <p>1) On submission of Inception Report. {As proposed in Section 3.8(a)(i)} --- 10%</p> <p>2) On submission of Interim Report. {As proposed in Section 3.8(a)(ii)} --- 15%</p> <p>3) On submission of Draft Report {As proposed in Section 3.8(a)(iii)} --- 20%</p> <p>4) On submission of final draft tender document for Weir (W3), both RFQ & RFP on EPC concept. {As proposed in Section 3.8(a) (iv)} ---10%</p> <p>8) On submission and acceptance of final draft tender document for Weir (W5-</p>	<p>Request the payment schedule be modified to:</p> <p>1) On submission of Inception Report. {As proposed in Section 3.8(a)(i)} --- 10%</p> <p>2) On submission of Interim Report. {As proposed in Section 3.8(a)(ii)} --- 20%</p> <p>3) On submission of Draft Report {As proposed in Section 3.8(a)(iii)} --- 20%</p> <p>4) On submission of draft tender document for Weir (W3), both RFQ & RFP on EPC concept. {As proposed in Section 3.8(a) (iv)} ---10%</p> <p>5) On submission of draft tender document for Weir (W1), both RFQ & RFP on EPC concept. {As proposed in Section 3.8(a) (v)} ---10%</p> <p>6) On submission of draft tender document</p>	<p>No change.</p>

S. No	Reference clause of Tender Document	Query	Replies for Queries
	<p>Rubber Dam), Final DPR Report and final tender documents based on compliance of the comments (if any) of IWAI. {As proposed in Section 3.8(a)(viii & ix)} --- 15%.</p>	<p>for Weir (W2), both RFQ & RFP on EPC concept. {As proposed in Section 3.8(a) (vi)} ---10% 7) On submission of draft tender document for Weir (W4) and 02 Check dams (C1 & C2), both RFQ & RFP on EPC concept. {As proposed in Section 3.8(a)(vii)} - 10% 8) On submission and acceptance of draft tender document for Weir (W5- Rubber Dam), Final DPR Report and final tender documents based on compliance of the comments (if any) of IWAI. {As proposed in Section 3.8(a)(viii & ix)} ---10% Please confirm.</p>	
134.	<p>12.4 (F) page no 35 (F) (a) Before commencing execution of the work, the Consultant shall without in any way limiting his obligations and responsibilities under this condition, insure against any damage, loss or injury which may occur to any property (excluding that of the Authority but including the Authority building rented to the Consultant wholly or in part and any part of which is used in part and any part of which is used by him for storing combustible materials) public liability by arising out of the carrying out of the contract. For this purpose the Consultant shall take out, pay all costs and maintain throughout the period of his contract public liability with the following coverage.</p>	<p>These clauses are applicable for EPC contract while this assignment is consultancy service for preparation DPR. Hence it is requested to delete this clause from the RFP.</p>	

S. No	Reference clause of Tender Document	Query	Replies for Queries
	i) Public liability limits for bodily injury or death not less than Rs. 1,00,000 for one person and Rs. 2,00,000 for each accident. ii) Property liability limits for each accident not less than Rs. 1,00,000 ; iii) The Consultant shall prove to the Engineer-in Charge from time to time that he has taken out all the insurance policies refer to red to above and has paid the necessary premiums for keeping the policies alive till expiry of the Defects Liability Period.		
135.	12.6 © page no 40 (c) Any such limitation may deal only with the consultant's liability towards the employer and not with the consultant's liability towards third parties. Professional liability of the consultants to the employer is provisionally limited to the cost of the consultancy (i.e. Rs. 8.0 Crore) or the consultant is entitled to receive under its insurance, whichever is higher. This is valid till the completion of the project for which the DPRs are to be prepared.	Professional liability insurance has been asked for the completion of the project which depends other conditions like approval and financing from Govt. etc. Hence completion of project may take no. of years. We suggest that the PLI time frame to be reduced to the completion of the DPR consultancy assignment. Please confirm.	No change.
136.	12.(c) page no 40 General	We understood that there is no need to carry out the EIA and EMP studies under this assignment.	The understanding is correct. No EIA / EMP studies are in the present scope or work.

NOTE: As mentioned above the tender document has been revised and uploaded on the IWAI and E-procurement websites. The bidders are requested to refer to the revised tender document for online submission of their bids.