



**Statement showing the replies/clarifications to the Comments /queries  
communicated & raised by various Consultants during the Pre-bid meeting held on  
11-01-2016 at 11.00am in the office chambers of the Chief Engineer, Kmr. Irri. & Flood  
Control Department Srinagar.**

S. no	Ref. to Clause, Page No	Description as per RFP	Comments/Queries	Replies/Clarifications
1	Notice Inviting Tender Page 8	... bid security (EMD) ... (valid for 120 days beyond completion of work)...	<p>As standard practices:</p> <p>a) Validity of EMD is linked to the date of proposal submission or technical bid opening. Normally it is required to be valid for 30 days beyond the validity of the proposal.</p> <p>b) All banks issue BG with a specified date till when it will remain valid. Since date of completion of work is not specified in the tender the date till when the BG is to be valid cannot be specified.</p> <p>We therefore, request you to modify this requirement to the following: <i>Applicant shall ..., a bid Security (EMD) of ... or irrevocable Bank Guarantee issued by any of the Nationalized / Scheduled Banks in India (valid for 150 days beyond date the scheduled date of technical bid opening) in favour of ... payable at Srinagar.</i></p>	<p>The Applicant shall also furnish as part of its Proposal, a bid Security (EMD) of Rs. 35,00000/- (Rupees thirty five Lacs only) in the form of a CDR, FDR, or irrevocable Bank Guarantee issued by any of the Nationalized / Scheduled Banks in India (valid for 120 days beyond date of completion of the work i.e. Upto ending November - 2017) in favour of the Chief Engineer, I &amp; F.C. Department Kashmir Srinagar payable at Srinagar.</p>
2	Notice Inviting Tender Page 8	The bid shall remain valid for 120 days beyond the date of opening of the price bid. ...	<p>Once again to comply with this requirement we need to know the firm date of price bid opening. Also, as a standard practice the validity is observed from the date of opening of the technical bid. Please confirm / clarify accordingly.</p>	<p>Our Endeavour will be to open the price bid at an earliest, hence the validity shall remain same as mentioned in the RFP.</p>

3	Notice Inviting Tender Page 9, Clause 1.0	Technical Criteria items I, II & III	<p>a) Possibly there is an error here because normally one project is of highest value and the value decreases for increase in projects. Please clarify this.</p> <p>b) Normally such criteria are based on capital cost of projects but here the value appears to be very less for capital cost based criteria. Please clarify or modify this.</p> <p>c) Please confirm that Indian subsidiary of an international company can qualify based on the experience of their parent organization.</p>	<p>There is no error and</p> <p>a) Shall remain same as mentioned in the RFP as per Guide lines. please refer S.NO; 15 below</p> <p>b) -----do-----</p> <p>c) JV criteria provision is already available as mentioned in the RFP i.e. Joint Ventures are acceptable, with leading partner's minimum share 45% &amp; individual as 25% and overall 100% and shall apply in the case subsidiary company as well provided their individual share is 25% or more.</p>
4	Invitation for Proposal, Cl. 1.1.1, Page 18	...the department ... assignment in a phased manner strictly ...	Please confirm that the whole assignment will be awarded in one lot only and only progress in a phased manner.	Yes, assignment will be awarded in whole lot , however the progress will be monitored in phased manner with integrated approach.
5	Invitation for Proposal, Cl. 2.1.4, Page 21	... The bidder shall ... remain available in the valley ...	<p>Field activities for this assignment are only to the extent of survey, investigation and data collection. Analysis, design &amp; engineering works etc. all happen at the Consultant's home office using databases, software and other resources. Each bidder's own estimates on this can have a drastic impact on the technical and financial proposals. Leading to bids that cannot be compared as similar. We propose that this should not be an essential requirement for bidding and payment in this assignment. If, however, I and FC department wants to keep this requirement then it is</p>	The stay of the experts required as per the technical requirements of their respective fields including the Team leader or the deputy team leader , shall have to be mentioned by the consultants himself in his technical cover, which shall be monitored by the department as per the commitment made by the consultants in the tender. The assignment is to sincerely coordinated between field work and office

			important that the expert wise requirement of time to be spent in the valley is also specified by I and FC department so as to have uniformity.	proportionately & in a technically justified approach, as none of the experts as mentioned in RFP have to work in office only but have to work in field as well to complete the task(s) in office.
6	Invitation for Proposal, Cl. 2.15.2 (ii), Page 33	The Financial ... all taxes shall be deemed to be included ... Presently the ...tax is ...	<p>Taxes, duties and levies are changed by the governments and can never be estimated upfront by any Consultant.</p> <p>Therefore, we request that:</p> <p>a) I and FC should pay at actual the Service Tax and local taxes, duties and levies payable in J&amp;K. Also this amount should be kept out of the financial proposal evaluation. Income tax (TDS) of course remains included in the bid price.</p> <p>b) Any change in Applicable Law between the period of bidding and award of the contract leading to increase or decrease of liability of taxes, duties and levies should allow for adjustment of the contract price.</p>	Not confirmed and shall remain same as mentioned in the RFP already.
7	Criteria for Evaluation, Cl. 3.1.3 item 3, Page 41 & Note on Page 42	<p>Marks for Key Professional</p> <p>02 marks ... additional 01 marks for ....</p>	<p>Please clarify the marking criteria, especially for:</p> <p>a) Positions of Team Leader and Deputy Team Leader having 20 &amp; 10 marks respectively.</p> <p>b) Position IV, as per Key Personnel List on Page 22 (Cl. 2.2.2 c), requires minimum doctorate. So will a person with master's degree score 02 marks here?</p>	The assignment being sensitive and department desires to complete the job in a shortest possible time, therefore in order to monitor the project assignments the team leader and the deputy team leader has been mentioned and it shall be the consultants choice to mention their services in accordance to the requirements in the cover-I of the tender

				<p>i.e. Technical Bid . The assignment being huge &amp; laborious requires Team leader and deputy Team leader as well to have proper monitoring of the assignment and liaison with the department throughout the period. The criteria for a qualified Geomorphology expert has been fixed minimum doctorate degree with 15 years experience and will directly score 03 Marks. However the criteria for team leader &amp; Deputy team leader is given in detail <b>below at A &amp; B.</b></p>
8	Agreement for ..., Cl. 5.3, Page 87	Changes in Applicable Law	<p>a) Please clarify how will the changes, which individually are less than 2% but collectively exceed 2%, be incorporated.</p> <p>b) We request to remove the limitation of 2% of the Agreement Value</p> <p>c) If the objective is only to avoid frequent changes then the method should be that <i>'all changes in the Applicable Law during any financial year shall be incorporated in a comprehensive manner in the month of March in that financial year or at the time of closure of contract, whichever is earlier'</i>.</p> <p>d) Please confirm that '... valid upto actual time of completion only...' means the time when the contract is closed. That is all invoices are raised, payments are made and deposits are</p>	<p>a) In order to avoid frequent changes the department will apply any change in the Applicable Laws with respect to taxes and duties which may increase or decrease during any financial year shall be incorporated in a comprehensive manner in the month of March in that financial year or at the time of closure of contract, whichever is earlier'.</p> <p>b) The actual time of completion means when work / contract is actually closed / completed i.e. the actual date of completion of work.</p>

			released to the Consultant.	
9	<p>Clause 1.8 – Hydrology, Page 58, Last para &amp; Clause 7 - Support to be provided by the CE, I&amp;FC, Kashmir Page 66, Point b)</p>	<p>The river system is well gauged and continuous hydrological data is available from the year 1955</p> <p>It shall provide all data including ... etc. available with it, free of charges.</p>	<p>It is understood that CE, I&amp;FC, Kashmir shall provide all the historical hydrological and hydro-metrological data, from the year 1955 onwards. The consultant will carry out only the detailed hydrological studies for finalization of design flood. Kindly confirm</p>	<p>The department shall share the data as available with the consultant free of cost , however department will facilitate in a best possible way in case of the data is to be obtained from the other departments , the charges whatsoever involved shall be borne by the consultant himself.</p>
10	<p>Clause 2 – OBJECTIVE, Page 60 &amp; Page 62, Para 2</p> <p>Clause 3 – Scope of Work, Para 1 Page 60</p>	<p>Through this ... for efficiently managing the worst floods like of September-2014 or the maximum 100 year return ...</p> <p>However the Consultant ... design flood values ....</p> <p>The flood problem of River Jhelum ... low gradients. Central Water Commission has finalized the 1 in 100 years flood at Sangam site as 3260 cumec (1,15,000 cusec). ...</p>	<p>It is our understanding that Clause 2 refers to the maximum of the following floods that shall be adopted for the DPR studies:</p> <p>a) Flood value of worst flood of September 2014.</p> <p>b) 100 year return period flood discharge of 3260 cumec at Sangam approved by CWC.</p> <p>c) 100 year return period flood value obtained from hydrological studies to be done during DPR studies.</p> <p>Whereas, it is understood from the Clause 3 that 1 in 100 year flood hydrograph at Sangam has been established by CWC and it shall be used for DPR studies.</p> <p>It has been observed that Clause 2 and Clause 3 exhibit slight variation. The flood and the return period that shall be adopted for DPR may kindly be confirmed.</p>	<p>Yes, the maximum 100 year return period Flood discharge shall be adopted in the DPR.</p> <p>Yes , Clause 2 refers to the maximum of the following floods that shall be adopted for the DPR studies:</p> <p>a) Flood value of worst flood of September 2014.</p> <p>b) 100 year return period flood discharge of 3260 cumec at Sangam approved by CWC.</p> <p>c) 100 year return period flood value obtained from hydrological studies to be done during DPR studies.</p> <p>The maximum discharge has been obtained by applying various methods and Statistical analysis by the department and stands vetted by the Hydrological directorate of the CWC at Sangam</p>

				& Asham Gauge Sites , however needs further exercise /clarification from the CWC as well at other node points.
11	<p>Clause 3 – Scope of Work, Para 1 Page 60 and Page 63</p>	<p>While preparing the DPR,...Multi-Purpose Projects</p>	<p>It is understood that:  a) I &amp; FC, Govt. of J&amp;K would provide to the consultant the said 1 in 100 year flood hydrograph and detailed hydrological studies of CWC.  b) For the previous works already carried or being carried out in the concerned reaches, the I &amp; FC, Govt of J&amp;K would provide all required help for collection of reports in the said context from concerned state and central govt. or any other agency. Please confirm the above.</p>	<p>The department shall share the data or studies carried by the department The department shall simultaneously facilitate the consultant to the possible extent to obtain the various required data or the reports , however all costs in this regard shall be borne by the consultant. It shall be ultimately the responsibility of the consultant to complete the Studies /assignment within the stipulated time after getting same approved from CWC.</p>
12	<p>Clause 3 – Scope of Work, Page 61:  Point 2  Point 5</p>	<p>Various options including the following ....  Increasing the capacity of outfall channel... at Ningli.  Possibility of ... or otherwise.</p>	<p>The sedimentation study is instrumental in increasing the capacities of the outfall channel and Wullar lake. It is understood that I &amp; FC, Govt of J&amp;K would provide all required help for collection of historical record of sediment data from concerned state and central govt. or any other agency. Please confirm.</p>	<p>The department shall facilitate the consultant to the possible extent to obtain the various required data or the reports from other departments of the State or the Central departments or any other departments required for completing the assignment, however all costs in this regard shall be borne by the consultant. It shall be ultimately the responsibility of the consultant to complete the Studies /assignment within the stipulated time. The department itself has not carried any sedimentation study so far in wullar Lake or outfall of River Jhelum.</p>

13	Clause 3 – Scope of Work, Page 62 & 63	Detailed Project Report ...cost estimation etc.	<p>It is understood that that DPR shall consist the flood management considering 1698 cumec as well as 3260 cumec.</p> <p>Please confirm whether flood management plan for both the floods are required.</p>	<p>The DPR for the main River from Sangam to Srinagar shall consist the flood management of Flood discharge of 1698 cumecs(60,000 cusecs) and a best fit solution/Flood Management for the balance flood discharge of 1556.50 cumecs(55000 cusecs) at Sangam ,where at total discharge of 3260 cumecs(1,15,000 cusecs) is necessary to be managed using various options like construction of additional Flood spill channel, flood storage dams, tunnelling on the additional Flood spill Channel or downstream outfall, catchment treatment or the combination of both etc, but within the ambit of IWT-1960, i.e. within the permissible limit of Flood storage of 0.75MAF ( 925 MCM) including its impact on wullar lake &amp; downstream LOC as per IWT-1960 may be prepared and submitted to CWC along with the detailed conceptual plan to be cleared from the various directorates of the CWC incl. Indus commission from IWT angle. Flood management plan is required for the whole Jhelum Basin for floods</p>
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				to be handled under worst conditions i.e. the 1 in 100 year flood.
14	<p>Clause 3 – SCOPE OF WORK Page 63, Last Para</p> <p>&amp;</p> <p>Page 64</p>	<p>The DPR would be as per the relevant guidelines ... .. and would consists of ... .. along with other details. Design chapter would include DPR level design of various structures including of gates, regulating structure etc. ...</p> <p>Deliverables (S.no. 5 and 11)</p>	<p>Considering the extent and nature of work, which among other things will also require interim discussions on works like:</p> <p>a) geotechnical investigations/lab tests (drilling/driftng)</p> <p>b) DPR level design parameters &amp; design,</p> <p>c) BOQ and cost estimation of various flood regulating structures, which may be required/proposed,</p> <p>d) Implications of IWT-1960.</p> <p>It is requested to extend the timeline for submission of DPRs (S. No. 5 and 11) by at least 2 months from the timeline of their respective preceding deliverable.</p>	<p>The time being the essence and assignment of consultancy for flood management of River Jhelum is being outsourced on the reasons that same is completed in a time bound manner. However the issue was deliberated during the pre-bid meeting held on 11-1-2016 and in order to initiate &amp; complete the EIA-EMP Clearance an extension of time of four months has been agreed to for Clarence with regard to EIA/EMP including one month time extension for approving the final DPR in the State Level TAC &amp; Flood management board. Please refer to revised Deliverables &amp; Payment schedule at C &amp; D.</p>
15	<p>Notice inviting tender , Clause no:- 1.0,(a), page-09</p>	<p><b>1.0 CRITERIA FOR PARTICIPATION IN BID/e-NIT</b></p> <p><b>a) TECHNICAL</b></p> <p>The consultant should posses the experience having Successfully completed similar work/s during last five years ending 31/03/2015 which should be any one of</p>	<p>As per the criteria it was stated that for two completed works of similar nature costing not less than the amount equal to ₹ 18.00 crore- kindly confirm whether the amount is for combined two completed works or each Project cost ₹ 18.00 crore.</p> <p>Similarly for three completed works the amount equal to ₹ 21.00 crore is for combined three works or each project cost ₹ 21.00 crore? It is requested to elaborate the criteria- kindly</p>	<p>The cost of the works as mentioned at II &amp; III i.e. Cost of Two / three completed works ,stands for combined work cost of ₹18.00 Crore &amp; ₹21.00 Crore respectively.</p>



		<p>the following:-</p> <p>I. At least one completed work of similar nature costing not less than the amount equal to ₹ 15.00 crore .</p> <p>OR</p> <p>II. Two completed works of similar nature costing not less than the amount equal to ₹ 18.00 Crore.</p> <p>OR</p> <p>III. Three completed works of similar nature costing not less than the amount equal to ₹ 21.00 crore.</p>	clarify!	
16	<p>Notice inviting tender , Clause no:- 1.0,(a), page-09</p>	<p><b><u>FINANCIAL CRITERIA:-</u></b></p> <p>As a proof of sufficient financial capacity, the tenderer /s should have an average annual Turnover of ₹ 07.00 Cr for the last three years. The average annual turnover shall be calculated for the last three years ending on 31st March 2015. The turnover shall comprise of payment accrued from Consultancy contracts only.</p>	<p>Considering the prominence of the Project. it is requested to consider the turnover criteria as follows:-</p> <p>The tenderer/s should have an average annual turnover of INR 30.00 Cr for the last three years</p> <p>- Kindly confirm</p>	<p>Not confirmed. Will Stand Same as mentioned RFP.</p>
17	<p>Notice inviting tender , Clause no:- 4.0, point</p>	<p>Pre-proposal Conference (Pre-Bid meeting):- 11-01-2016</p>	<p>Few international consultants are very keen in participating Pre-Proposal conference. But due to Christmas and New Year holidays till 6<sup>th</sup> January 2016 they could not plan their visit.</p>	<p>Not considered as yet.</p>

	No;- 08, page-08		Hence, we request you that the date of pre-proposal conference may please be extend by at least 4days i.e. upto 15-01-2016 kindly confirm.	
18	Notice inviting tender , Clause no:- 4.0, point No;- 08, page-10	Proposal Due Date or PDD 08-02-2016	Since all offices of the international consultants outside India will be closed due to Christmas and New Year vacations till 6 <sup>th</sup> January-2016 and hence to collect all the information's/documents required for bidding will be difficult for us. Accordingly , we request you that the date of submission of the proposal may please be extended by at least 4 weeks from the date of issuance of clarification of pre-bid queries . So that the consultants can prepare a comprehensive proposal addressing all issues of the RFP document / ToR- kindly Confirm.	Not considered as yet.
19	Introduction Clause 1.10 Page-20	Pre-proposal Conference Venue:- office of the Chief Engineer, Kashmir, Irrigation & Flood Control Deptt. Srinagar J&K- 190001	Considering heavy snowfall and dropdown of Temperature in Srinagar, we request you to change the Pre-Proposal meeting venue to Jammu – Kindly firm	Not Confirmed.
20	Invitation for proposal, Clause 3.4, page no -42	<b>3.0 criteria for Evaluation .</b> <b>3.4 Combined and Final evaluation.</b> As per Clause 3.4 of the data sheet , the evaluation for the project is given QCBS (70:30)	Keeping in view the complexity of the assignment there is a need for aiming at quality output. Therefore it is suggested that the evaluation of Bids may be done on a Quality cum Cost Based Selection i.e. 90:10. A low weightage to technical proposal will actually defeat the quality objective of this assignment. In this regard, it is suggested that for better quality product, the client may kindly consider to select the Consultant on QCBS (90:10) Basis rather than QCBS (70:30)- Kindly Confirm.	Not Confirmed will remain same as mentioned in RFP.

21	Terms of reference (TOR) Payments Schedule, Page no:- 65	<p>Payment Schedule:-</p> <table border="1"> <thead> <tr> <th data-bbox="451 181 507 286">S.no</th> <th data-bbox="507 181 628 286">Description</th> <th data-bbox="628 181 703 286">Payment %age</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 286 507 775">14</td> <td data-bbox="507 286 628 775">Clearance of the design aspects by the concerned directorate of CWC, before processing for TAC approval</td> <td data-bbox="628 286 703 775">10%</td> </tr> <tr> <td data-bbox="451 775 507 958">15</td> <td data-bbox="507 775 628 958">Approval of TAC at CWC, MoWR,GOI</td> <td data-bbox="628 775 703 958">15%</td> </tr> </tbody> </table>	S.no	Description	Payment %age	14	Clearance of the design aspects by the concerned directorate of CWC, before processing for TAC approval	10%	15	Approval of TAC at CWC, MoWR,GOI	15%	<p>From this clause, it may be seen that even after completing all the Deliverables (i.e. upto Final DPR), 25% of contract Value is being held with client. This is unfair as there may be delays on part of CWC, MoWR,GOI ,during approvals and by this time the consultant would have incurred expenses towards the project, which should be paid as per Deliverables. Hence it is requested that kindly revise the payment Schedule and limit the payment for mentioned sections (i.e. sl.No, 41&amp;15)to 5% of contract value total combining both – Kindly confirm</p>	<p>Can be deliberated upon during the scheduled pre-bid meeting.</p>
S.no	Description	Payment %age											
14	Clearance of the design aspects by the concerned directorate of CWC, before processing for TAC approval	10%											
15	Approval of TAC at CWC, MoWR,GOI	15%											
22		Availability and accuracy of Digital Elevation Model.	Is there any Model for Jhelum Basin Digital Elevation and please specify the accuracy.	No, there is no Digital Elevation for Jhelum Basin available with the Department.									
23		Toposheets or other topographic and bathometric information.	As the State of Jammu and Kashmir, Private companies/Entities are restricted from obtaining certain data related to the State's territory, Can your good self support /assist in getting the required data! Also any data that is readily available with you , be provided to us.	The support to be provided by the Chief Engineer, is mentioned at last Parra of Page 65 & also on page 66 clause-7 (a,b,c,d,e), wherein it has been mentioned in RFP that It shall provide all data including historical hydro-meteorological data design and lay out plans of existing schemes / river system, reports, topo-sheets and imagery etc. available with it, free of charges. Besides It shall also facilitate in									
24		Meteorological data.											

				arranging the data available with other State/Central agencies (including the meteorological data) required for this assignment, however it shall be consultant's responsibility to pursue & bear the expenses on this account.
25	Page No -60	Hydrological studies of Main River Jhelum.	Is there any hydrological Study justifying the maximum 100 year return Period flood discharge at Sangam?	Yes, Hydrological studies have been carried by the Department for 1 in 100 year flood and stands vetted by the CWC , at Sangam with a flood discharge of 3260 cumecs(1,15,000 Cusecs). Same exercise needs to be carried at other node points on the River Jhelum etc and got to be vetted from CWC, its various directorates including the Indus Commission from IWT-1960 angle.
26	Page-50 Clause No:- 1.1	Information about 1904 Flood Spill Channel Project.	Is there any information about 1904 Flood Spill Channel Project available?	Yes, information is available regarding the Flood Spill Channel, presently bye-passing the excess flood discharge from Padshahi Bagh Srinagar to Wullar via Hokersar Wetland & Nowgam Jheel.
27		Additional Supplementary Flood Channel recent studies.	Are there any recent studies on additional supplementary Flood Spill Channel?	Department has neither formulated any final DPR for the additional supplementary Flood Spill Channel nor carried any descriptive

				investigations; however prefeasibility report & Reconnaissance survey has been carried. The Data as available with the department shall be provided as mentioned in the RFP at page 65-66.
28	Page No:- 56 Clause No:- 1.4	Wullar Lake Studies	Are there any studies on Wullar Lake?	No, there are no studies carried by the department for the Wullar Lake. Same is including the advertised assignment involving carrying of Topographical, bathometric, Survey , satellite images as required for Formulation of DPR, finalization of Hydraulic Studies, design etc. Environmental Impact assessment with Environmental Management Plan (EIA-EMP).
29	Page No:- 60 Clause 3A	Hydrodynamic Studies in the Jhelum River Basin.	Are there any Hydrodynamic Studies?	No, there are no such Studies carried by the department so far and the advertised assignment includes all such studies as required for formulation of DPR, finalization of Hydraulic Studies, design etc. Environmental Impact assessment with Environmental Management Plan (EIA-EMP).
30		Location of the Gauge Sites	What are the Locations of Gauging stations?	The Department has presently more than 24No's gauging site

				locations on Main River Jhelum spreading throughout its length from Kannebal to Khadanyar i.e. for a length of more than 175km. Besides having 75 No's of gauging site locations on tributaries of River Jhelum. The details of locations can be Provided after award of the work.
31		Availability of Hydrological data.	In which locations Continuous Hydrological data from 1955 is available?	Data from the year 1955 is available , for the following 9 No's main gauge sites on River Jhelum!  Kannebal. Sangam. Awantipora, Ram Munshi Bagh, Shadipora, Asham, Baniyari, Sopore & Baramulla.

**A. Marks Criteria for Team Leader :-**

**01**A post graduate or above in the Water resources Engineering /Hydrology = **05 Marks**  
( **02 Marks** are reserved for person having qualification above Post Graduate i.e. Doctorate).

**02.**Having Experience of 15 years or more = **03 Marks.**

**03.**Having experience in the flood management project formulation at National Level (Minimum 05 years in the Flood Management out of total 15 years experience or above) , the person having worked in various projects of water resources at senior position i.e. as Chief Engineer or equivalent and having age not more than 65 years . = **07 Marks**

**03.**Additional Marks for having experience at international Level = **05 Marks**

**B. Marks Criteria for Deputy Team Leader :-**

**04.** A post graduate or above in the Water resources Engineering /Hydrology = **03 Marks**

( **01 Marks** are reserved for person having qualification above Post Graduate i.e. Doctorate).

**05.**Having Experience of minimum 10 years = **02 Marks.**

**06.**Having experience in the flood management project formulation at National Level (Minimum 03 years in the Flood Management out of total 10 years or above) , the person having worked in various projects of water resources at senior position i.e. as Executive Engineer or equivalent and having age not more than 65 years . = **03 Marks**

**07.** Additional Marks for having experience at international Level = **02 Marks**

### **C. REVISED DELIVERABLES :-**

The consultant will provide the following as per the revised schedule given below:-

S No	Description	Qty (Copies)	Time from date of Agreement
1	Inception Report (whole assignment)	20	1 months
2	Hydrology Report of Intermediate Catchments of Sandran, Bringi, and Lidder & Veshow Tributaries of River Jhelum.	20	1½ months
3	Topographical / Bathymetric & other required Surveys of Sandran, Bringi, Lidder & Veshow Tributaries of River Jhelum.	20	02 months
4	Network design and submission of report for Flood warning system and EIA/EMP , wherever required of Sandran, Bringi, Lidder & Veshow Tributaries of River Jhelum , for the proposed Storage schemes & FM works on these tributaries .	20	03 months
5	DPR for Storage & FM plan works on Sandran, Bringi , Lidder & Veshow Nallah's tributaries of River Jhelum . Phase-I	20	04 months
6	Complete Hydrology Report of Intermediate Catchments for whole of the Jhelum Basin.	20	05 months
7	Topographical / Bathymetric & other required Surveys of River Jhelum & it's all tributaries (Whole project assignments).	20	06 months
8	Network design and submission of report for Flood warning system and EIA/EMP of River Jhelum & its tributaries for the proposed Storage schemes & other major FM works . (Whole project assignments).	20	08 months
9	First Workshop on Proposed Conceptual Plan.	20	9 months
10	Second Workshop and Finalisation of Conceptual Plan	20	10½ months
11	Submission of final Draft DPR (incl. all works of DPR at S.no5 above).	20	11 months
12	Submission of Final DPR with drawings.	30	12 months
13	Clearance from the State Technical advisory committee	30	12½ months
14	Clearance from State Flood management board	30	13 months
15	EIA/EMP final clearance for the initially identified project works /areas.	30	16 months


**D. REVISED PAYMENT SCHEDULE:-**

Revised Payment Schedule is as given below:-

S No	Description	Payment (Percent of Contract Value)
1	Submission of Inception Report(whole job)	5%
2	Hydrology Report of Intermediate Catchments of Sandran, Bringi, and Lidder & Veshow Tributaries of River Jhelum.	4 %
4	Topographical / Bathymetric & other required Surveys of Sandran, Bringi, Lidder & Veshow Tributaries of River Jhelum.	5%
5	Network design and submission of report for Flood warning system and EIA/EMP , wherever required of Sandran, Bringi, Lidder & Veshow Tributaries of River Jhelum ,especially for the proposed Storage schemes & FM works on these tributaries	3 %
6	Submission of DPR for Storage & FM plan works on Sandran, Bringi , Lidder & Veshow Nallah's tributaries of River Jhelum	5 %
7	Complete Hydrology Report of Intermediate Catchments for whole of the Jhelum Basin & its approval by CWC.	11 %
8	Topographical / Bathymetric & other required Surveys of River Jhelum & its all tributaries.	8 %
9	Network design and submission of report for Flood warning system and EIA/EMP, wherever required of River Jhelum & its tributaries ( complete Project assignment) for the proposed Storage schemes & other major FM works .	4 %
10	Organising First Workshop on Proposed Conceptual Plan	5%
11	Organising Second Workshop and Finalisation of Conceptual Plan	5%
12	Submission of Draft DPR	10%
13	Submission of Final DPR	10%
14	Clearance from the State TAC & Flood Management Board	5%
15	Clearance of design aspects by the concerned directorate of CWC, before processing for TAC approval.	08%
16	Approval of TAC at CWC ,MoWR GOI.	12%

The clarifications are issued & uploaded on e-procurement portal <http://www.jktenders.gov.in> for general information of all concerned.

We shall look forward for your active participation.

  
Chief Engineer,  
Irrigation & F.C. Department,  
Srinagar.

No:- DB/ 20214-15  
Copy to the :-

Dated:-12-01-2016

1. Superintending Engineer, Hydraulic Circle Srinagar for information.
2. Executive Engineer, Flood Spill Channel Division Narbal for information & record.