

**Tender for Engagement of consultant for preparation of Techno Economic Feasibility (TEF) study of proposed IWT routes in three reservoirs of Himachal Pradesh.**

**Corrigendum #01**

- (1) Clause 5 B (a) at page 12 of the tender document is hereby modified as follows:**

“Based on passenger/ cargo potential and other considerations necessary for locating an IWT terminal, suggest most suitable location of each terminal along with its layout and other details. Collect details of land owners and give with source and supporting documents. Carry out preliminary topographic survey and give layout plan for each terminal sites clearly indicating all facilities e.g. jetty, approach to jetty, passenger shed, public utilities, storage area, boundary wall, method of berthing of vessels and handling of men and material at the terminals during various water level scenarios. If the consultant wish to suggest that any particular place the potential of cargo / passenger does not justify locating any terminal at all, relevant detail for the same may be provided”.

- (2) Clause 6.1 (Page 14 & 15 of Tender document) regarding Key experts’ qualification and competence for is hereby modified as follows:-**

“6.1 It is expected that for carrying out this assignments, the consultant would engage the services of following professionals.

<b>Sl.</b>	<b>Category of professional (s)</b>	<b>Qualification and Experience</b>
i.	<b>Waterways Engineering Expert (Team Leader)</b>	(a) Should be a graduate in Civil Engineering  (b) Minimum 15 years experience in planning, design, construction, preparing cost estimates for waterways, Inland ports, terminals and other Inland Waterways / coastal infrastructures.
ii.	<b>Port planning &amp; Infrastructure Specialist</b>	(a) Should be a graduate in Civil Engineering.  (b)Should have minimum 10 years experience in port planning, port infrastructure / other physical facilities in sea ports / Inland ports / coastal ports.
iii.	<b>Hydrographic Expert</b>	(a) Should be a Graduate in Civil Engineering / FIS or MIS in Hydrography stream from <b>Institution of Surveyors</b> / Certificate in Hydrography by

Sl.	Category of professional (s)	Qualification and Experience
		<p><b>MMD.</b></p> <p>(b) Should have minimum 8 years experience in conducting hydrographic surveys, investigations and measurements, bathymetric surveys.</p>
iv.	<p><b>General Economist / Financial Expert</b></p>	<p>(a) Should have atleast post-graduation in Economics / or MBA with specialization in Finance. Higher qualification in relevant fields will be preferred.</p> <p>(b) Minimum 10 years experience in general economic analysis, assessing and forecasting economic plans, development and trends, trade and investment, analyzing relationship of national economic and sectorial growth rates with trade flows, evaluation of project economics etc.</p> <p>(c) Must have previous experience of at least one port / waterways development study project.</p>
v.	<p><b>Environmental Expert</b></p>	<p>(a) Should possess Post- graduate Degree in Environmental Sciences or equivalent. Higher relevant qualification shall be preferred.</p> <p>(b) Minimum 10 years experience in environmental assessments particularly in analyzing impacts on environment in respect of port development/inland waterway transport, construction of maritime structures, dredging, ship operations, onshore works, etc. including environmental regulatory regime.</p>
vi.	<p><b>Traffic / Cargo forecasting experts</b></p>	<p>(a) Should be post graduate in Economics or logistic or any other relevant field.</p> <p>(b) Should have minimum 10 years experience in forecasting of traffic potential for infrastructure projects.</p>
vii.	<p><b>Mechanical Engineer</b></p>	<p>(a) Should be a graduate in Mechanical Engineering</p> <p>(b) Should have atleast 7 years' experience in design / construction / erection of mechanical handling equipment.</p>
viii.	<p><b>Electrical Engineer</b></p>	<p>(a) Should be a graduate Electrical Engineer.</p> <p>(b) Should have at least 7 years experience in electric system on ports / terminals / logistic ports.</p>
ix.	<p><b>Soil Engineer/ Foundation Engineer</b></p>	<p>(a) Should be a graduate in Civil Engineering.</p> <p>(b) Should have 10 years experience in soil and foundation engineering in ports / terminals / logistic projects / transportation / hydropower projects.</p>

**(3) Clause 7 (page 16 of tender document) with respect to time schedule / submission of reports hereby modified as follows:-**

**“7. TIME SCHEDULE OF SUBMISSION OF REPORTS:**

- (a) The total period of completion of this assignment would be 30 weeks 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 below:

<b>Sl. No</b>	<b>Activity</b>	<b>Time in weeks reckoned from the date of signing of Contract</b>
a)	Submission of Inception Report after review of available studies data, site visits, reconnaissance survey, discussions with all concerned and firming up the conceptual design and basic design considerations, assumptions and preliminary identification of vendors and presentation thereof. (3 copies).	10 weeks
b)	Submission of first Draft TEF Report after receipt of Comments on the Inception Report and carrying out field data collection, geo-technical investigation etc. along with designs, technical specifications, indicative / block costs etc. (3 copies) and presentation of draft report.	22 weeks
c)	Receipt of comments of IWAI on first Draft TEF Report.	24 weeks
d)	Submission of final Draft TEF report (5 copies) and presentation thereof.	28 weeks
e)	Submission of Final TEF Report (15 copies) after incorporating final comments of IWAI based on above presentation and acceptance by IWAI thereof.	30 weeks

- (4) Clause 10.4 (page 20 and 21 of tender document) with reference to criteria, sub criteria and point system for the evaluation of the technical proposals is hereby modified as follows:-**

“10.4 Criteria, sub-criteria, and point system for evaluation of Technical Proposals:

	<b>Description</b>	<b>Points</b>
(i)	Specific experience of the Consultant (as a firm) relevant to the Assignment:	<b>10</b>
(ii)	Adequacy and quality of the proposed methodology, and work plan in response to the Terms of Reference (TORs):	<b>35</b>
(iii)	‘Key Experts’ qualifications and competence for the Assignment: <b>(Details of ‘key experts’ as mentioned in clause-6)</b>	<b>45</b>
	(a) Engineering Expert (Team Leader):	10
	(b) Port planning & Infrastructure Specialist:	4
	(c) Hydrographic Expert:	6
	(d) General Economist / Financial Expert:	6
	(e) Environmental Expert::	5
	(f) Traffic and Cargo Expert:	5
	(g) Mechanical Engineer:	2
	(h) Electrical Engineer:	2
	(i) Soil Engineers / Foundation Engineer:	5
	<b>Sub Total for (iii):</b>	<b>45</b>
	The number of points to be assigned to each of the above positions shall be determined considering the following two sub- criteria and relevant percentage weights:	
	• General qualification (general education, training and experience):	20%
	• Adequacy for the assignment (relevant education, training, experience in sector/ similar assignment):	80%
(iv)	Added advantage for experience in development of IWT or Port projects:	<b>10</b>
	<b>Total points:</b>	<b>100”</b>

- (5) In 1<sup>st</sup> line of clause 16.4 (A) (at page 25 of tender document) the ward “work(s)” is hereby substituted with the words “assignment / Job”.**

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