

## Engagement of Consultancy Services for preparation of Two Stage DPR of proposed 40 Inland Waterways

### Corrigendum No. 3

Sl. No.	Tender document Clause Reference	As per Tender Document	As per Modified/ to be read as
1.	Information and Instruction for Bidders, Clause 26.4.1, 1.1.3 Page No. 22	Specific experience of the Consultant in preparation of detail project reports /techno economic feasibility study/Hydrographic Survey for development of navigation channel including river training works and construction of Ports, river terminals, riverine structure, IWT terminals, logistics hub etc.	Specific experience of the Consultant in preparation of detail project reports /techno economic feasibility study/Hydrographic Survey for development of navigation channel including river training works and construction of Ports, river terminals, riverine structure, IWT terminals, logistics hub, Canal development, reservoir desilting, river survey and other water resource sector.
2.	Terms of Reference, Clause 1.1.3 Page No. 59	The Consultant has to submit the Feasibility Report for proposed Inland Waterways and give presentation of the same to IWAI. After taking approval from IWAI, Consultant may proceed for Stage -2.	The Consultant has to submit the Feasibility Report for proposed Inland Waterways. Consultant also has to emphasize that which stretches of proposed inland waterways has potential of possible navigation. Only for those stretches of proposed inland waterways, which have potential of possible navigation, Stage 2 has to be carried out. After obtaining approval from IWAI for identified stretches, Consultant may proceed for Stage -2
3.	Terms of Reference, Clause 1.2.1.6, d. Page No. 66	On completion of the cross-sections, dredge channel is to be identified/ established by linking deepest soundings on the cross-sections. Dredging quantity is to be estimated for developing a navigational channel of dimension of 32m x 1.8m, with side slope of 1:2, w.r.t. chart datum/sounding datum.	On completion of the cross-sections, dredge channel is to be identified/ established by linking deepest soundings on the cross-sections. Dredging quantity is to be estimated for developing a navigational channel of a. dimension of 32m x 1.8m, with side slope of 1:5, w.r.t. chart datum/sounding datum (if channel width is less than or equal to 100m). b. dimension of 45m x 2.0m, with side slope of 1:5, w.r.t. chart datum/sounding datum (if channel width is more than 100m).
4.	Terms of Reference, Clause 3.0, 6. Page No. 70	<p><b>Remote Sensing/GIS Expert:</b></p> <p><b>Educational Qualification:</b></p> <ul style="list-style-type: none"> <li>Should be Graduate in Civil Engineering/Geology. Higher professional qualification in Remote Sensing/ Geoinformatics will be preferred.</li> </ul> <p><b>Professional Qualification:</b></p> <ul style="list-style-type: none"> <li>Minimum 10 years' experience in waterway/port/river mapping and a demonstrated proficiency in using the GIS software. Working knowledge of spatial data formats and related metadata issues. Working knowledge of web mapping applications, such as Google Earth/Bhuvan.</li> </ul>	<p><b>Remote Sensing/GIS Expert:</b></p> <p><b>Educational Qualification:</b></p> <ul style="list-style-type: none"> <li>Should be Graduate in Engineering/Geology. Higher professional qualification in Remote Sensing/ Geoinformatics will be preferred.</li> </ul> <p><b>Professional Qualification:</b></p> <ul style="list-style-type: none"> <li>Minimum 10 years' experience in waterway/port/river mapping and a demonstrated proficiency in using the GIS software. Working knowledge of spatial data formats and related metadata issues. Working knowledge of web mapping applications, such as Google Earth/Bhuvan.</li> </ul>



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5.	Terms of Reference, Clause 3.0, 6. Page No. 70	<b>Soil Engineer/ Foundation Engineer:</b> <b>Educational Qualification:</b> • Should be Graduate in Civil/Environmental Engineering. Higher qualification in Marine Structure will be preferred. <b>Professional Qualification:</b> • Minimum 10 years' experience in related field. He should have experience of the soil investigation, reclamation work, soil improvement and will be associated in foundation design. He will also be responsible for preparation of cost estimates/BOQ.	<b>Soil Engineer/ Foundation Engineer:</b> <b>Educational Qualification:</b> • Should be Graduate in Civil/Environmental Engineering. Higher qualification in Marine Structure/Geotechnical Engineering will be preferred. <b>Professional Qualification:</b> • Minimum 10 years' experience in related field. He should have experience of the soil investigation, reclamation work, soil improvement and will be associated in foundation design. He will also be responsible for preparation of cost estimates/BOQ.
6.	Terms of Reference, Clause 3.0, 6. Page No. 70	<b>Traffic Surveyor:</b> <b>Educational Qualification:</b> • Should be Graduate in Civil Engineering. Higher qualification in relevant field will be preferred. <b>Professional Qualification:</b> • Minimum 10 years' experience in related field. He should have experience of traffic survey of waterways/river/canal or similar facilities.	<b>Traffic Surveyor:</b> <b>Educational Qualification:</b> • Should be Graduate in Engineering. Higher qualification in relevant field will be preferred. <b>Professional Qualification:</b> • Minimum 10 years' experience in related field. He should have experience of traffic survey of waterways/river/canal or similar facilities.
7.	Terms of Reference, Clause 3.0, 8. Page No. 70	<b>Transport Economist:</b> <b>Educational Qualification:</b> • Should be Graduate in Civil Engineering. Higher qualification in relevant field will be preferred. <b>Professional Qualification:</b> • Minimum 10 years' experience in related field. He should have experience of estimating transport investments and implementing transport programs.	<b>Transport Economist:</b> <b>Educational Qualification:</b> • Should be Graduate in transport planning management, transport economics, transport/road/rail/Civil engineering/MBA or equivalent qualifications. Higher qualification in relevant field will be preferred. <b>Professional Qualification:</b> • Minimum 10 years' experience in related field. He should have experience of estimating transport investments and implementing transport programs.

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			Sl. No	Activity	Time in weeks **		Sl. No	Activity	Time in weeks **		
8	Clause 2 Page 68	Stage-I	a)	Submission of Inception Report (3 copies) and Mobilization of the Team	4 weeks	Stage-I	a)	Mobilization of the Team and submission of Inception Report (3 copies)	6 weeks		
			b)	Submission of Draft Feasibility Report	8 weeks		b)	Submission of Draft Feasibility Report	10 weeks		
			c)	Comments from IWAI	9 weeks		c)	Comments from IWAI	12 weeks		
			d)	Presentation and Submission of Final Prefeasibility Report	10 weeks		d)	Presentation and Submission of Final Prefeasibility Report	14 weeks		
		Stage-II	e)	Submission of Hydrographic Survey Charts and report	18 weeks	Stage-II	a)	Acceptance of Stage-I report and go ahead for Stage-II by IWAI	16 weeks		
			f)	Submission of Draft Detailed Project Report	20 weeks		b)	Submission of Hydrographic Survey Charts and report	24 weeks		
			g)	Receipt of comments of IWAI on Draft DPR.	22 weeks		c)	Submission of Draft Detailed Project Report	32 weeks		
			h)	Submission of Final Detailed Project Report (10 copies) after incorporating final comments of IWAI.	24 weeks		d)	Receipt of comments of IWAI on Draft DPR.	34 weeks		
							e)	Submission of Final Detailed Project Report (10 copies) after incorporating final comments of IWAI.	40 weeks		
		<b>**reckoned from the date of signing of Contract</b>						<b>**reckoned from the date of signing of Contract or 15 days from the date of issuance of work order, whichever is earlier.</b>			



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9	34.1.4 Page 50	<p>Mobilization charge (10% of Stage-II Contract value) on award of work for Stage-II, against submission of non revocable bank guarantee valid till 8<sup>th</sup> stage payment.</p> <p>Mobilization advance will be interest bearing on current market rates (at the time of award of Stage-II work) as per Govt. guidelines.</p> <p>If the mobilization advance is not taken, this will be paid along with 6<sup>th</sup> stage payment.</p>	<p>Mobilization advance (10% of Stage-II Contract value) on award of work for Stage-II, against submission of non revocable bank guarantee valid till 8<sup>th</sup> stage payment.</p> <p>Mobilization advance will be interest bearing at the rate of 10.7% (simple interest) per annum. Interest will be applicable from the date of issue of mobilization advance to the date of submission of Draft DPR.</p> <p>If the mobilization advance is not taken, this will be paid along with 6<sup>th</sup> stage payment.</p>
10	1.2.1.3.j Page 65	<p>The survey area may consist of canal sections, rivers, sea openings of different dimensions. Hence, a standard width cannot be specified. Consultant has to inspect the area to be surveyed and satisfy themselves with respect to site conditions before submission of bid. However, variation in quantity is <math>\pm 20\%</math>.</p>	<p>The survey area may consist of canal sections, rivers, sea openings of different dimensions. Hence, Consultant has to inspect the area to be surveyed and satisfy themselves with respect to site conditions before submission of bid.</p> <p>However, variation in quantity will be considered only for length of the river/canal (longitudinal length).</p>

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Pravir Pandey  
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