RESPONSE TO CLARIFICATIONS REQUESTS FROM PROPONENT SURVEY FIRMS

The Proponent Survey Firms for "Conducting Topographic and Bathymetric Surveys of River Cross-Sections in the Tawi River Basin – Phase 1" have submitted requests for clarifications to the Request for Quotations (RFQ) by the deadline date of January 10th, 2019. The Consultant hereby presents the replies for the received clarifications.

Reply for clarification requests by the Proponent Survey Firms.

S. No.	Clarification request	Clarification
1	As per RFQ the entire scope of work is approx. 203 km including Tawi river & major nallah (135km Tawi river & 68 km its tributaries). But in quotation form it was mentioned 250 permanent bench marks is to be installed so please specify the interval at which permanent markers is to be installed Also, if there were 250 permanent bench marker and only 40 ground control points are required than at what interval ground control point need to be collected.	The location of both permanent markers and ground control points will be informed by the Consultant to the successful Survey firm during commencement of the services as per Points 20 and 21 of the RFQ document, Chapter 3: General requirement and technical specifications.
2	As per quotation form the number of cross section in Tawi river is 270 & in nallah is 136. So total cross section is 406 & if semi-permanent pillars are to be installed at each end of cross section then total semi-permanent marker will be 812 but in quotation form it is only 406 so please clarify. Also provide the specification (Materials ratio & Dimension) for semi-permanent markers.	Bidder should consider unit rate per cross-section, i.e., comprising two (2) semi-permanent markers installed at each end of cross section. The dimension of semi-permanent Markers are 150 x 150 x 450 MM Pillar: • 1:2:4 Mix; 4 Bars @10 mm with three rings @8mm two at both ends and one at centre. Cuboid shape. 300 MM underground and 150MM above the ground.
3	As per RFQ the river cross section will extend up to 10m above HFL or 200 meters on both side of river bank whichever is more. But HFL data will not be available for all cross section so please specify the cross-section width.	In locations where HFL is not available, the Survey firm should consider the other criteria as per Point 6 of the RFQ document, Chapter 3: General requirement and technical specifications.
4	Who will provide the permission in entire survey area as some of the areas are close to LOC and permissions are necessary to venture in to any activity.	Please refer to Points 27 and 28 of the RFQ document, <i>Chapter 3: General requirement and technical specifications</i> . Nevertheless, the Consultant and the Project Management Unit (PMU) will support the successful bidder as necessary to obtain the required authorizations.
5	Bid Security	Bid security should be drawn in favour of "OILTECH ENGINEERING INDIA PVT. LTD" Company Address: 6th Floor, Main Building, Guna Complex, No. 443, Anna Salai, Teynampet, Chennai – 600 018 Bank Name: HDFC Bank Limited Bank Address: T-31, 7th Avenue, MG Road, Besant Nagar, Chennai – 600 090, Tamilnadu



Request For Quotation (RFQ) for Conducting Topographic and Bathymetric Surveys of River Cross-Sections in the Tawi River Basin – Phase 1

Response to clarifications requests from Proponent Survey Firms

	Branch Code / Branch Name : 0010/ Besant Nagar
	Bank Account Number : 00102560000996
	IFSC Code: HDFC0000010
	Account Type : Current Account.

