

**Clarifications to the Minutes of the Pre- Bid meeting held on 07.11.2014 at 1130 hours in connection with “e-tender for monthly longitudinal bathymetric survey (Thalweg Survey) in National Waterway No. 5” and additional points raised by the bidders.**

Query no	Cl#/Page no. of Tender	TENDER CLAUSE	POINTS RAISED BY THE BIDDER	CLARIFICATION GIVEN BY "IWAI"
<b>Queries of M/s Strabag India (P). Ltd., New Delhi</b>				
1			The title in NIT and form of Tender differs as Dhamra to Jokadia and Dhamra to Jokadia/Ponkopal. Please specify the limit of survey.	Read as Dhamra to Jokadia Barrage. Other stretches will remain same.
2			Please confirm that after the first year of contract, any changes or substitution in Service Tax laws or service tax rates (increase or decrease) will be to the IWAI's account.	Yes, any change in Service Tax structure will be applicable to both (bidder & IWAI).
3	34.1/43	<p>PAYMENT: On submission of monthly survey data, survey charts &amp; survey report - Payment will be made as Monthly line km (length of the river) surveyed multiplied by work order line km rate.</p> <p>Total length of all the three stretches is 230km and payment will only be considered if the total surveyed length will be minimum 95% length of all the stretches (230kms). Surveyed length will be measured from the submitted soft digital data. If submitted data is less than the 95% of total 230km river length, no payment will be considered.</p>	Please clarify General condition of Contract Clause 34.1.	<p>Amended as follows:-</p> <p>(i) Continuous survey in all the three stretches are required to be conducted.</p> <p>(ii) There should not be any data gap.</p> <p>(iii) Payment will be made for the surveyed line km.</p> <p>(iv) ±10% variation in quantity is permissible (except clarification at query no. 4).</p> <p>(v) Surveyed length will be checked from the submitted soft digital data to H.O., Noida, prior any payment.</p>

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<b>Queries of M/s Global Marine Infratech Pvt. Ltd., Bhubaneswar</b>				
4	2.b/48	Survey in shallow depths (less than 1m) or non-approachable areas are to be informed by the Contractor and joint inspection (Contractor's representative & Engineer-In-Charge or his representative) will be held to confirm the non-approachable areas.	Stretch from Padanipal to Tantighai via Kharsuan river in Summer season is not navigable.	(i) Survey in shallow depths (less than 1m) or non-approachable areas are to be informed by the Contractor and joint inspection (Contractor's representative & Engineer-In-Charge or his representative) will be held to confirm the non-approachable areas. However, it is advisable to use Inflatable Boat during lean season for this stretch. (ii) Such non-surveyed / non-approachable areas will not be considered for percentage variation in the line km quantity as clarified in query no. 3 and also will not be considered for payment.
5	2.b/47	Longitudinal bathymetric sounding lines are to be run in the deepest channel in the entire stretches on monthly basis.	Longitudinal line file for all the stretches is to be provided.	Longitudinal bathymetric sounding lines are to be run in the deepest channel. However, available detailed bank to bank survey data will be made available to the successful bidder to identify the deepest route. Contractor has to take cross-sectional soundings at shallow areas in the previous surveyed thalweg route (only during lean season) limited to 100 meters length and 100 metres width, to identify deepest route.
6	2.a/47	Erect Water level gauges at Dhamra, Mangalgadi, Padanipal, Sujampur, Jokadia and Paradeep Port.	The client to provide Paradip Port Tide or issue a letter for the same.	As per Terms of Reference of the tender document, successful bidder has to erect tide gauge at Paradeep Port and other specified location also.
7	2.d/48	Current velocity at every 20 km interval shall be observed once in a day during the survey period. Current meter measurement should be taken at depth surface, 0.5d, 0.3d and d (d-measured depth of water)...	Location of Current Meter observation to be carried out.	Current meter measurement at every 20 km interval is already specified in the tender document.


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8			How the tide file be applied between Dhamra, Mangalgadi and Paradip Port.	Calculate tide at every 10km by interpolation method (between two gauge stations), apply tide for 5km on both sides. Chart Datum values at every 10km (approximately) will be provided to the successful bidder.
<b>Queries of M/s IIC Technologies Limited, Hyderabad</b>				
9	BOQ/58	Quantity: 2,760 line km	Whether the LKM of 2,760 mentioned in the BOQ, is the LKM to be surveyed every month or total LKM calculated by IWAI for one year.	LKM of 2,760 is for one year.
10	BOQ/59	Mobilization & De-mobilization cost Hiring of Equipment Lodging, Boarding, local transportation & engagement of labours cost Engagement of Surveyors and Assistant Running charges of boat Charting & Reporting cost Overhead expenditures and Contractors profit	The details sought in the BOQ-1A, may not be possible for all parties to share. It is suggested that the details sought, may be amended to cover following heads:  - Mobilisation & Demobilisation - Bathymetry survey - Tide Survey - Current meter survey - Charting and Reporting etc.	The details sought will be confidential. Amended information may be given as follows:-  Mobilization & De-mobilization cost Hiring of Equipment Lodging, Boarding, local transportation & Manpower cost Running charges of boat Charting & Reporting cost Contingencies

  
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