

Tender No.-NCPOR/P&S/ORVSC- 0222/GT-08dtd 06.10.2022**Pre-Bid Clarifications for “SUPPLY, INSTALLATION & COMMISSIONING OF MULTIBEAM ECHOSOUNDER ONBOARD ORV SAGAR KANYA”.**

S.N.	Tender Clause	Bidders Query	Clarifications
1	Section VII-Point#8- Compliant to: IHO SP44 accuracy standards.	<p>IHO SP accurate standards are applicable only for shallow water.</p> <p>IHO S-44 order 1A is applicable to deep water application.</p> <p>We request to please consider removing the requirement or changing it to as IHO S-44 Order 1A</p>	Compliant to: IHO SP (S-44) accuracy standards.
2	Section VII-Point#13-Motion Compensation: Full (Integrated motion and heading sensor with FOG technology capable of providing roll, pitch, heave data to Multibeam and attain accuracy specified above).	<p>Gyro specified with FOG. This will limit to single supplier “IXSEA Blue”.</p> <p>Ring Laser Gyro (RLG) and Fiber Optic Gyro (FOG) uses the same SAGNAC effect.</p> <p>Both types have no moving parts like conventional Gyroscopes based on MEMS technology, meeting the same specifications. Also, RLG is new technology as compare with FOG. Therefore, We request you to please consider Ring Laser Gyro also in addition to your original requirement.</p> <p>There are several Scientific Papers establishing similar performance by both FOG and RLG (which are considered to be</p>	Section VII-Point#13-Motion Compensation: Full (Integrated motion and heading sensor with FOG technology/ RLG technology capable of providing roll, pitch, heave data to Multibeam and attain accuracy specified above).

		<p>separate nomenclature and adaptation of same technology "SAGNAC".</p> <p>Gyro specified with FOG. This will limit to a single supplier IXSEA Blue.</p> <p>Ring Laser Gyro (RLG) and Fiber Optic Gyro (FOG) use the same SAGNAC effect as a core technology.</p> <p>Both types have no moving parts like conventional Gyroscopes based on MEMS technology, meeting the same specifications.</p> <p>RLG is an established and widely acclaimed and established product used world wide on the best of research vessels across the world with Deep water MBES, on aircraft, and even for missile systems. Therefore, we request you to consider Ring Laser Gyro also in addition to your original requirement.</p> <p>One such RLG system is already onboard ORV Sagar Kanya working satisfactorily over the last several years. This will help to attract more competition and cost benefit for NCPOR.</p> <p>Please find enclosed document explaining the SAGNAC effect of RLG and FOG.</p>	
3	<p>Section VII-Point#15. Time correction: LAN TIME server based. Dedicated LAN TIME server to be provided &integrated.</p>	<p>As a Standard globally, for Multibeam Systems, time corrections are based on UTC from DGPS. The requirement has no performance advantage scientifically recorded or data to establish the same, for the Multibeam system or its functionality.</p>	<p>Time correction: LAN TIME server based (dedicated LAN TIME server to be provided &integrated)/ DGPS based with 1PPS time stamping capability.</p>

		<p>We request you to please consider GPS based (UTC) using 1PPS, in addition to your original requirement. Which offers same accuracy and does not require extra hardware as it included with the positioning system.</p> <p>As standard Globally, time corrections are based on UTC from DGPS. LAN time server based correction is only offered by single manufacturer Teledyne model Hydrosweep MD/30.</p> <p>We request you consider GPS –based (UTC) in addition to your original requirement. Which offers higher accuracy using one pulse per second.</p> <p>This will help to attract more competition and technological as well as cost benefits for NCPOR.</p>	
4	Bid Submission End date:26.10.2022	<p>Please note that tender submission week will have a long Deepawali vacation in India and most of the offices are closed during this period or working with limited manpower. Thus, it will be difficult to coordinate with our local suppliers to get the necessary support for bidding.</p> <p>Therefore, we request you extend the bid submission date from 21 working days from the pre-bid query response.</p>	Bid submission end date is extended up to 26.11.2022.
5	10.3 Terms and Mode of Payment of GCC and special terms and conditions (page 102)	<p>We would like to bring your notice that the tender is showing two different payment terms at two different places as indicated in the reference. Please clarify which one is to be considered for this tender.</p>	Letter of Credit (as per NCPOR L/C format only). L/C will be opened only after receipt of order acceptance and submission of PBG (wherever applicable) for 90% of the Purchase order value. 10% of the PO value after satisfactory sea trials

		<p>Further, Foreign bidders are allowed to LC payments therefore, we request kind authorities to allow LC payment for domestic bidders too.</p> <p>Also, this being a high-value tender, we request kind authorities, to give 30% advance payment to domestic bidders.</p>	<p>and acceptance may be payable through Telegraphic Transfer.</p> <p>No LC payment for domestic bidders.</p> <p>No advance payment.</p>
6	Clause 6.1.6. Currencies of Bid and Payment	<p>Please confirm whether multiple currency bids are allowed for this tender.</p> <p>For all the goods manufactured in India or services origin in India. We understand that these goods/services should only be invoiced in Indian Rupees. Please confirm the same.</p>	<p>Single currency.</p> <p>Please refer 12.4.2 of tender document In GTE tenders, the bid price may be in foreign currencies, except for expenditure incurred in India (including incidental Works/ Services rendered in India and agency commission, if any) which should be stated in Indian Rupees.</p>
7	Page #102: Special Terms and conditions: All quotes in Foreign Currency (US Dollar, EURO €, POUND STERLING £) should be quoted on FOB basis only. However, tender should contain item-wise prices including total ex-works price and cost of packing forwarding, approx of air freight charges for delivery upto Goa, India. Overall weight & dimensions of the equipment.	<p>So far ministry of earth Sciences, Govt of India has always allowed Foreign Currency Bid in NOK (Norwegian Kroners) and even made several payments also to successful bidders in NOK.</p> <p>Therefore, we request you allow Foreign Currency Bids to include NOK (Norwegian Kroners) so as to allow Norwegian companies to participate in this tender.</p>	<p>Bidders can quote in NOK.</p>