



NATIONAL INSTITUTE OF OCEAN TECHNOLOGY
 (An Autonomous society under Ministry of Earth Sciences, Govt. of India)
 NIOT Campus, Velachery–Tambaram Main Road, Pallikaranai, Chennai-600 100
 Phone : 91-44-6678 3310/6678 3300 Fax : 91-44-6678 3308

Group	Vessel Management Cell
Service / activity proposed to be outsourced	Consultancy for the <ul style="list-style-type: none"> • Design construction and Delivery of Two Coastal Research Vessels. • Technical management and technical superintendancy of ships.
Scope of Consultancy and Nature of Activity	<ul style="list-style-type: none"> • Technical management and technical superintendancy of ships. • Knowledge on preparation and verification of technical specifications/drawings/Documents / reports pertaining to Ship construction. • Monitoring the entire Ship construction activities to ensure that the work is done as per contract and desired quality standard as per prevailing statutory regulations and to meticulously monitor the contract specifications during ship construction from user's perspective at regular intervals. • Preparation of progress report and attending the factory acceptance, harbor and sea acceptance test of onboard machinery and vessels. • Technical follow-ups, documentation of entire shipbuilding process and liaison with various statutory bodies/external agencies, monitoring the quality of shipbuilding activity at regular intervals.
Objectives	<ul style="list-style-type: none"> • To ensure orderly progress, it is essential to position a suitable marine consultant as owner's representative for overseeing the construction of the vessels for the entire duration of construction till the delivery of both vessels. • To ensure the quality of ship building activity as per the standard ship building practices and as per contract.
Deliverables	<ul style="list-style-type: none"> • Taking over of the two new CRVs within the stipulated time period as per ship building contract.
Job Responsibilities of Consultant	<ul style="list-style-type: none"> • Technical management and technical superintendancy of ships. • Knowledge on preparation and verification of technical specifications/drawings/documents/reports pertaining to Ship construction. • Monitoring the entire Ship construction activities to ensure that the work is done as per contract and desired quality standard as per prevailing statutory regulations and to meticulously monitor the specifications during ship construction from user's perspective at regular intervals. • Preparation of Progress Report on the construction supervision of coastal research vessels. • Coordination with classification society/Administration with reference to the construction of coastal research vessels. • Coordination with ship yard with reference to the construction of coastal research vessels • Verification of drawings, reports, manuals and provide suggestions as per contract agreement and per standard ship building practices. • Identification, installation, testing and commissioning of ship board machinery and scientific equipments. • Attending factory acceptance, harbor acceptance and sea acceptance test of ship board systems and vessels.
Duration for which engagement is proposed	From September, 2018 to January, 2020 or completion of construction of both the vessels, whichever is later.

Requisite qualification or expertise of the consultant and age limitation	<p>Essential:</p> <ul style="list-style-type: none"> Bachelor's degree in Engineering [Mechanical] or equivalent from a recognized university with at least first class (60%) or Marine Engineering officer Class IV with Certificate of Competency (CoC) <p>Age limit: 64 years.</p>
Minimum Experience required for the consultant	<p>Experience: Total twenty years</p> <ul style="list-style-type: none"> 10 years experience in operations, maintenance, ship repair, dry docking of the vessels. 10 years sailing experience on ships as Marine Engineer/equivalent. Knowledge on vetting of drawings, reports, technical specification. Having experience in government setup, procedure etc is added advantage.
Consolidated Remuneration	Rs.90,000/- per month
Mode of engagement	Full time

Group	Marine Biotechnology
Service proposed in Area / Discipline	Marine biotechnology, Open sea cage culture and Ballast water treatment test facility
Requisite qualification / Eligibility Criteria	<ul style="list-style-type: none"> • Ph.D. Degree in Science from a recognized university / institution. • Retired Scientist from Govt. / Autonomous Bodies with a Grade Pay of Rs.10,000/- (VI CPC) & above and not less than 3 years of experience in the grade. • Minimum 15 years of experience in Research & Development, Planning, and Supervision in Marine biology/Marine biotechnology/Open sea cage culture and Ballast water treatment test facility related area. • Peer reviewed publications/patent in international journals in the field of Marine biotechnology, Open sea cage culture and Ballast water treatment test facility
Age limit	Up to 64 years
Nature of activity / Job Requirement	<p>Advice and guide research and development activities of in the following areas:</p> <ul style="list-style-type: none"> • Development of technology for industrial scale biomass and nutraceutical production, identification of competent government organization for standardization of industrial scale harvesting, dewatering, drying, extraction protocol of nutraceutical products, formulation, testing and certification of the nutraceuticals products. • Development of high pressure deep sea water and sediment sampling system, high pressure serial dilution system, high pressure microbial cultivation system, high pressure microbial referral facility, isolation of barophilic microbes, culture of barophilic microbes in high pressure fermentor, extraction and characterization of novel bio molecules, screening and development of secondary metabolite for biomedical, industrial and environmental application. • Survey and identification of site suitable of offshore mariculture, development and deployment of open sea cages and mooring suitable for Indian sea condition, identification of suitable species for breeding and larval rearing, production of fingerling, standardization of offshore mariculture protocols, large scale offshore farming, formulation mariculture policies, demonstrate cage culture technology. • Implementation of Ballast Water Management programme as per IMO regulations, establishment of land-based Ballast Water Treatment Technologies – Test Facility, development of ballast treatment systems, testing of ballast water treatment systems, processing & analysis of survey data, data analysis and interpretation of the test results, and validation of report (s), of the ballast water treatment system as per the existing ballast water guidelines.
Consolidated Remuneration	<ul style="list-style-type: none"> • Rs.90,000/- to Rs.1,00,000 for full time and pro-rata basis for part-time.
Mode of engagement	Contract mode on Full time/Part time (Minimum working period for part time shall be one week per month)
Duration / Period of engagement	The initial engagement will be for a period of one year and may continue further subject to their performance and requirement.

General Conditions:

- 1) The applicants are requested to note the following and go through the instructions carefully.
- 2) The candidate shall be solely responsible for any loss or hardship caused to him due to his non-adherence to these instructions.
- 3) The candidate has to fill the application as per the prescribed format, duly signed and send it to NIOT along with copies of the following certificates to reach by **26th September, 2018**. The application without the following enclosures shall summarily be rejected.
 - a) U.G Degree certificate & mark sheets or grade sheets
 - b) P.G. Degree Certificate & mark sheet or grade sheets
 - c) Experience Certificate
- 4) Candidates must be citizen of India
- 5) Engagement of consultant will be on full time / part time basis and their place of duty will be initially at Chennai and can be posted anywhere in India based on the needs of the Institute and any of the Projects of NIOT.
- 6) Paste a recent passport size colour photograph in the space provided for at the right top portion on the first page of the application.
- 7) Experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed qualifications for that post.
- 8) Women candidates fulfilling the requirements are encouraged to apply for the posts.
- 9) NIOT may fix suitable norms for short listing the applications depending upon the vacancies available and the area in which the vacancies exist.
- 10) Mere possession of the education qualifications and requisite experience will not entitle any right to be called for interview or selection.
- 11) **The Advt. No., Post No., Post Name should be clearly indicated on the envelope.**
- 12) Self attested copies of certificates / testimonials (for age, qualification and experience proof) should be enclosed along with the applications. Enclose list of publications / re-prints etc., if any also with the application. Write **"Enclosure Sl. No. _____ 'as mentioned in the application**.
- 13) The applications received after due date or without enclosures or incomplete applications will be summarily rejected. NIOT cannot take any responsibility for transit and other delays.
- 14) Canvassing in any form will be treated as disqualification.
- 15) Any unsolicited communication regarding this advertisement is strictly prohibited.
- 16) The engagement is time bound and purely temporary on contract basis for a fixed term.
- 17) The duration of the engagement would be initially for a period of one year and is extendable and may continue further subject to their performance and requirement.
- 18) In case of false or insufficient information/ lack of proof to ascertain the eligibility of the applicant, the candidature will summarily be rejected at any stage of the selection process.
- 19) In case of retired officers, those who have undergone major / minor penalties in the preceding *five* years from the date of superannuation are not eligible for consultancy.
- 20) NIOT reserves the right to cancel / withdraw / postpone this process.
- 21) Hard copy of applications should be sent to The Director, National Institute of Ocean Technology, Velachery – Tambaram Main Road, Pallikaranai, Chennai–600100, INDIA so as to reach **on or before the due date, duly super-scribing on the envelope "the post name for which applied". The Advt. No., Post No., Post Name and Discipline should be clearly indicated on the envelope.**

LAST DATE FOR RECEIPT OF APPLICATIONS : 26th September, 2018

DIRECTOR