



भारत सरकार/GOVERNMENT OF INDIA

पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय /MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

भारतीय प्राणि सर्वेक्षण /ZOOLOGICAL SURVEY OF INDIA

QUOTATION INVITATION FOR SUPPLY OF ITEMS UNDER DOM, MOES PROJECT

Quotations are invited from manufactures, authorized dealers or distributors for supply of equipment, laboratory and filed survey items for projects at Marine Biology Regional Centre (MBRC), Zoological Survey of India (ZSI), Chennai-28. The quotations can be submitted by e-mail or by post so as to reach the office of MBRC, ZSI, Chennai by 5.00 PM, 17th December, 2025. The requirement of actual number of items may change during the placement of final purchase order. The Officer-in-Charge, MBRC, ZSI, Chennai has the right to cancel the purchase process at any point of time without assigning any particular reason.

IMPORTANT GUIDELINES FOR SUBMISSION OF QUOTES.

1. **Date of Advertisement:** 02/12/2025
2. **Last date of submission of Quotations:** 17th December, 2025, 5 PM.
3. **Mode of submission of quotation:** Online by e-mail (kkbineesh@gmail.com) or by hard copy to Officer-in-Charge, Zoological Survey of India, Marine Biology Regional Centre, #130, Santhome High Road, Chennai-600 028. **All quotes should be marked respectively as mentioned in the remarks columns of each items. When quotations are submitted by email, scanned copy of the quotation in official letter head with signature, seal address and GST details of the supplier to be submitted.**
4. **Mode of evaluation of quotation:** Item wise evaluation (rate per item) based on quality and price of the product.
5. **GST:** 18% GST as per Govt. of India guidelines for supply of items for scientific institutions.
6. **Delivery address:** Zoological Survey of India, Marine Biology Regional Centre, #130, Santhome High Road, Chennai-600 028
7. **Contact Address:** Principal Investigator, DOM Project, MoES, Zoological Survey of India, Marine Biology Regional Centre, #130, Santhome High Road, Chennai-600 028.
8. **Billing Address:** Principal Investigator, DOM Project, MoES, Zoological Survey of India, Marine Biology Regional Centre, #130, Santhome High Road, Chennai-600 028.
9. **Contact person and phone number:** Dr. K. K. Bineesh (+91-9037611957).
10. **Contact E-mail:** kkbineesh@gmail.com



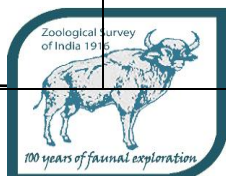
समुद्रीजीवविज्ञानक्षेत्रीयकेन्द्र/MARINE BIOLOGY REGIONAL CENTRE

130, संथोमहाईरोड, चेन्नई- 600 028 /130, Santhome High Road, Chennai – 600 028

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DETAILS OF ITEMS				
Sl.no.	Item name	Units	Specifications	Remarks
1. Satellite transmitting tags with anti-fouling application.				
1.1	Pop-up archival transmitting tag (PSAT)	3	The tags should be equipped with wet/dry, depth, temperature, light, and accelerometer sensors, with a pressure rating of 2000 meters. The device must operate over a frequency of 401.678 MHz and include a temperature sensor range of -40°C to 60°C with a resolution of 0.05°C and accuracy of $\pm 0.1^\circ\text{C}$. The optimal storage temperature must be maintained between 0°C and 5°C, with an operating temperature rating of -20°C to 50°C. The conductivity (wet/dry) operational limits should range from 0.1 to 5 S/m, depending on environmental conditions. Dimensions are specified as 118 mm length \times 41 mm diameter, with a weight of 68 g in air. The maximum deployment length is 730 days.	Super scribe the quotation/e-mail subject line with “Satellite transmitting tags with anti-fouling application for DOM Project”
1.2	Anti-fouling applications.	3	Should ensure long-term sensor performance in marine environments. Specify the options, effectiveness, and any additional maintenance requirements.	Super scribe the quotation/e-mail subject line with “Satellite transmitting tags with anti-fouling application. For DOM Project”
2. DNA extraction kit				
2.1	Qiagen Kit/ Dneasy Blood & Tissue Kit	5	Should capable of high-quality DNA extraction from blood, tissues, and cells. The kit should support PCR, qPCR, and genotyping applications, with an elution volume of 100–200 μl and processing time of 20 minutes to 1 hour. It must yield up to 6 μg DNA from blood and 30 μg from tissue,	Super scribe the quotation/e-mail subject line with “DNA extraction kit



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			ensuring a purity ratio (A260/A280) of 1.7–1.9. The extraction method should be silica-based and available in spin-column and 96-well formats. The kit must be stable for at least one year at 15–25°C. Additionally, details on automation compatibility are required.	for DOM Project”
3. Commercial fishing bottom trawler hiring and fishing				
3.1	Trawler Boat Hiring	15 days	Suitable boat size of up to 40 meters and engines with a power capacity of up to 591 HP for scientific operation. The vessel should be suitable for onboard scientific operations and provide accommodation for extended stays, including food provisions, bathroom facilities, and power sockets for at least five days. It must be capable of operating at depths ranging from 200 to 1000 meters.	Super scribe the quotation/e-mail subject line with “Trawler Boat Hiring for DOM Project”
4. DNA sequencing and purification				
4.1	PCR product sequencing and purification (sanger sequencing)	1000 reactions	should include purification of amplified PCR products to remove primers, nucleotides, and enzymes, followed by high-quality sequencing using the Sanger method. The service must deliver accurate chromatograms and base calls, with both raw data files (.ab1) and processed sequence text files provided. Suppliers must specify turnaround time, read length capacity, and quality control measures to ensure reliable sequencing results.	Super scribe the quotation/e-mail subject line with “DNA sequencing and purification for DOM Project”
5. Apple iPad Pro				
			Apple iPad Pro [13"] (M5): Ultra Retina XDR Display, [512GB/1TB], 12MP Front Camera / 12MP Back Camera, LiDAR Scanner, Wi-Fi 7 with Apple N1, Face ID, All-Day Battery Life — Space Black	Super scribe the quotation/e-mail subject line with “Apple iPad Pro for DOM Project”



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