

Tender Inviting Authority: Director, National Institute of Ocean Technology, Chennai

Name of Supply: Total Management of MoES Research Vessels including maintenance and operation of scientific equipment

Tender No: NIOT/HVT/1416/2025-2026

Name of the Bidder/ Bidding Firm /												
PRICE SCHEDULE												
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)GST to be entered by the bidder as per the applicable HSN Code												
NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER	NUMBER	TEXT	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	Unit Rate for 1st Year	Total Rate for 1st Year	Unit Rate for 2nd Year	Total Rate for 2nd Year	Unit Rate for 3rd Year	Total Rate for 3rd Year	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8	9	10	11	12	13
1.00	ORV Sagar Kanya											
1.01	Lumpsum amount for all general services and basic maintenance for one year (refer clause 3 of the model contract)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
1.02	Agency Services (Indian port call)	10	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
1.03	Agency Services (Foreign port call)	1	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
1.04	Management Fee as per work scope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.00	Per day manning cost (including victualling)											
2.01	Master FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.02	Chief Officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.03	2nd Officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.04	3rd Officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.05	Chief Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.06	2nd Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.07	3rd Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.08	4th Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.09	Electro-Technical Officer (ETO)	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.10	Medic / Nurse	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.11	Catering /Housekeeping officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.12	Chief Cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.13	Fitter / Oiler –2 nos (365*2 persons)	730	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.14	2 nd cook (365*2 persons)	730	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.15	Deck crew / Helmsman / ratings –6 nos (365*6 persons)	2190	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.16	Engine crew / ratings –6 nos (365*6 persons)	2190	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.17	Laundryman / Saloon ratings - 4 nos (365*4 persons)	1460	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
2.18	UH crew	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
3.00	Fresh water rate / ton	1500	Per ton	INR		0.00		0.00		0.00	0.00	INR Zero Only
4.00	Underwater diving, cleaning of transducers, propellers and hull	1	Per operation	INR		0.00		0.00		0.00	0.00	INR Zero Only
5.01	Superintendent for drydocking (all inclusive) per day rate-Indian Yard	35	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
5.02	Superintendent for drydocking (all inclusive) per day rate-Foreign Yard	35	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.00	Scientific equipment maintenance [routine, preventive & break down] only (annual charges including requisite manpower and their victualling).											
6.01	Kongsberg EM304 MK II Deep Sea Multibeam Echosounder with post-processing / plotting facilities.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.02	Deep Sea Echosounder (SyQwest 12 kHz / 30 kHz)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.03	Shallow Water Echosounder	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.04	G-882 Cesium Magnetometer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.05	Sub-Bottom Profiler	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.06	Side Scan Sonar	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.07	Pinger	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.08	18m Hydraulic Piston Corer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.09	6m Gravity Core	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.10	Spade Corer	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only

6.11	Sediment Grabs [2 nos - area of 0.2 m ² and approx. weight-85 kg 4 nos - area of 0.5 m ² and approx. weight-150 kg]	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.12	Core Sub-Sampling Stn	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.13	Pipe Dredge	3	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.14	Core Liner Cutter	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.15	Skalar Autoanalyser.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.16	Hydro-Bios Automatic Multi-Plankton Net	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.17	Seabird CTD with Rossette Sea-water Sampling facility.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.18	Idronaut CTD with Rossette Sea-water Sampling facility.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.19	Niskin Water Sampler [Capacity is provided below]											
6.20	1.7 Ltrs	60	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.21	5 Ltrs	10	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.22	10 Ltrs	18	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.23	30 Ltrs	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.24	Go Flow Water Sampler [Capacity is provided below]											
6.25	30 Ltrs	6	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.26	12 Ltrs	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.27	Sippican Expendable Bathy Thermograph (XBT)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.28	RDI 150 kHz Acoustic Doppler Current Profiler	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.29	Salinometer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.30	Thermosalinograph	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.31	Dynamic Positioning system	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.32	HiPAP system	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.33	LCD projector / screen	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.34	GPS + Power Supply	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.35	Meterwheel Unit (For CTD)	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.36	Autoclave	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.37	Tension meter for Deep Sea Winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.38	Rock Saw	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.39	Rock Mill	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.40	Deep Sea Winch / Friction Winch / Zibboom	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.41	CTD Winches - 2 nos + 1 Gantry	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.42	Magnetometer winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.43	Side Scan Sonar	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.44	A-frame	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.45	N/Oilwell Crane	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
6.46	Atlas Cranes - 2nos	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.00	Scientific Equipment Operation (Data/ Sample Collection & Data processing) only (annual charges including requisite manpower and their victualling)											
7.01	Kongsberg EM304 MK II Deep Sea Multibeam Echosounder with post-processing / plotting facilities.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.02	Deep Sea Echosounder (SyQwest 12 kHz / 30 kHz)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.03	Shallow Water Echosounder	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.04	G-882 Cesium Magnetometer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.05	Sub-Bottom Profiler	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.06	Side Scan Sonar	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.07	Pinger (2nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.08	18m Hydraulic Piston Corer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.09	6m Gravity Core (2nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.10	Spade Corer (2nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.11	Sediment Grabs [2 nos - area of 0.2 m ² and approx. weight-85 kg 4 nos - area of 0.5 m ² and approx. weight-150 kg]	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.12	Core Sub-Sampling Stn	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.13	Pipe Dredge (3 nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.14	Core Liner Cutter (2nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.15	Skalar Autoanalyser.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.16	Hydro-Bios Automatic Multi-Plankton Net	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.17	Seabird CTD with Rossette Sea-water Sampling facility.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.18	Idronaut CTD with Rossette Sea-water Sampling facility.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.19	Niskin Water Sampler [Capacity is provided below]											
7.20	1.7 Ltrs (60 nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.21	5 Ltrs (10 nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.22	10 Ltrs (18 nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.23	30 Ltrs (1 no.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.24	Go Flow Water Sampler [Capacity is provided below]											
7.25	30 Ltrs (6 nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.26	12 Ltrs	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.27	Sippican Expendable Bathy Thermograph (XBT)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only

7.28	RDI 150 kHz Acoustic Doppler Current Profiler	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.29	Salinometer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.30	Thermosalinograph	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.31	Dynamic Positioning system	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.32	HiPAP system	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.33	LCD projector / screen	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.34	GPS + Power Supply	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.35	Meterwheel Unit (For CTD) (2 nos.)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.36	Autoclave	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.37	Tension meter for Deep Sea Winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.38	Rock Saw	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.39	Rock Mill	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.40	Deep Sea Winch / Friction Winch / Zibboom	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.41	CTD Winches - 2 nos + 1 Gantry	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.42	Magnetometer winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.43	Side Scan Sonar	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.44	A-frame	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.45	N/Oilwell Crane	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
7.46	Atlas Cranes - 2nos	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.00	Scientific equipment Operation & maintenance [routine, preventive & break down, data collection & processing/analysis] (annual charges including requisite manpower and their victualling).											
8.01	Sieves / Sieve Shaker	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.02	Agate Mortar / Pistle.	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.03	UV-Oxidation Unit	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.04	Titration Unit	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.05	Water Purifying System	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.06	Vaccum Pumps	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.07	pH Meter	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.08	UV Chamber	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.09	Rotary Shaker	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.10	Bucket Thermometer	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.11	Barometer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.12	LAN	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.13	Personal Computers/servers & Peripherals	12	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.14	Printers	9	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.15	External CD writer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
8.16	Scanner	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
9.00	Meals cost (per person per day of 3 meals and twice snacks/tea/coffee)	7000	Per man day	INR		0.00		0.00		0.00	0.00	INR Zero Only
9.01	VIP meal	300	Per meal	INR		0.00		0.00		0.00	0.00	INR Zero Only
10.00	Labourer Charges (for science team)	100	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
11.00	Boat Arrangement	1	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
12.00	Taxi Arrangement	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
13.00	Port Pass Arrangement	300	Per Pass	INR		0.00		0.00		0.00	0.00	INR Zero Only
14.00	Painting: Deck (polyurethane) and super structure paints (Alkyd)	4	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
15.00	Painting: All bilge areas (epoxy primer and epoxy), void spaces and machinery spaces	2	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
16.00	Painting: Accessible external hull without scaffolding (ship side, weather decks)	3	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
17.00	Annual fumigation charges including shore-accommodations for Ship crew/Officer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
18.00	Spot fumigation as per standard, minimum of 10 locations	4	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
19.00	AMC Service charges of Vacuum based Sanitary System by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
20.00	AMC service charges for Navigational, GMDSS and communication equipment by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
21.00	AMC service charges for Central AC System (3 nos. systems) by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
21.01	Total Value for Sagar Kanya - (A)	1	Sub total	INR		0.00		0.00		0.00	0.00	INR Zero Only
22.00	FORV Sagar Sampada											
22.01	Lumpsum amount for all general services and basic maintenance for one year (refer clause 3 of the model contract)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
22.02	Agency Services (Indian port call)	12	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
22.03	Agency Services (Foreign port call)	1	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
22.04	Management Fee as per work scope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.00	Per day Manning cost (including victualling)											
23.01	Master FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only

23.02	Chief Officer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.03	2nd Officer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.04	3rd Officer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.05	Chief Engineer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.06	2nd Engineer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.07	3rd Engineer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.08	4th Engineer FG	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.09	Master NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.10	Chief Officer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.11	2nd Officer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.12	3rd Officer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.13	Chief Engineer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.14	2nd Engineer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.15	3rd Engineer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.16	4th Engineer NCV	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.17	Electro-Technical Officer (ETO)	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.18	Fishing Master (as & when required)	50	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.19	Medical officer / Nurse	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.20	Chief Cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.21	Fitter / Oiler -2 nos (365x2 persons)	730	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.22	2nd cook - 2 (365x2 persons)	730	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.23	Deck crew / Helmsman / ratings -6 (365x6 persons)	2190	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.24	Engine crew / ratings -6 (365x6 persons)	2190	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
23.25	Laundryman / Saloon ratings - 4 (365x4 persons)	1460	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
24.00	Fresh water rate / ton	1400	Per ton	INR		0.00		0.00		0.00	0.00	INR Zero Only
25.00	Underwater diving, cleaning of transducers, propellers and hull	1	Per operation	INR		0.00		0.00		0.00	0.00	INR Zero Only
26.00	Superintendent for drydocking (all inclusive) per day rate-Indian Yard	35	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
26.01	Superintendent for drydocking (all inclusive) per day rate-Foreign Yard	35	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.00	Scientific equipment Maintenance (routine, preventive & breakdown) only (annual charges including requisite manpower and their victualling)											
27.01	Echo sounder 50Khz	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.02	Fish Finding Echo sounder ES80	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.03	Doppler Speed Log	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.04	Cableless Trawl sonde (ITI)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.05	Integrated Fish Finding system (CM60)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.06	Sonar SX90	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.07	75kHz ADCP with deck unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.08	Echo Sounder EA600	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.09	DGPS with display unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.10	Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.11	CTD SBE 911plus /Rosette	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.12	Water Purifying Plant	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.13	MPN	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.14	Bongo Net	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.15	Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.16	Refrigerator 190 Litre	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.17	Vertical Deep Freezer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.18	Smith Mc-Intyre Grab	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.19	Dredge	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.20	Box corer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.21	Thermosalinograph	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.22	CUFES	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.23	Big Eye Binocular	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.24	EK-80 Scientific Echo Sounder 38/120/200/333kHz & MRU	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.25	Trinocular Microscope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.26	Stereo Microscope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.27	Automatic Weather Station (AWS)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.28	CTD winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.29	Plankton winches- 2nos	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.30	Split Trawl winches [upper & lower drum and Gilson]- 2 nos	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
27.31	Sweep Trawl winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.00	Scientific Equipment Operation (Data/ Sample Collection & Data processing) only (annual charges including requisite manpower and their victualling)											
28.01	Echo sounder 50Khz	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.02	Fish Finding Echo sounder ES80	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only

28.03	Doppler Speed Log	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.04	Cableless Trawl sonde (ITI)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.05	Integrated Fish Finding system (CM60)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.06	Sonar SX90	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.07	75kHz ADCP with deck unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.08	Echo Sounder EA600	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.09	DGPS with display unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.10	Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.11	CTD SBE 911plus /Rosette	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.12	Water Purifying Plant	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.13	MPN	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.14	Bongo Net	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.15	Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.16	Refrigerator 190 Litre	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.17	Vertical Deep Freezer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.18	Smith Mc-Intyre Grab	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.19	Dredge	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.20	Box corer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.21	Thermosalinograph	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.22	CUFES	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.23	Big Eye Binocular	2	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.24	EK-80 Scientific Echo Sounder 38/120/200/333kHz & MRU	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.25	Trinocular Microscope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.26	Stereo Microscope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.27	Automatic Weather Station (AWS)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.28	CTD winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.29	Plankton winches- 2nos	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.30	Split Trawl winches [upper & lower drum and Gilson]- 2 nos	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
28.31	Sweep Trawl winch	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.00	Scientific equipment Operation & maintenance [routine, preventive & break down, data collection & processing/analysis] (annual charges including requisite manpower and their victualling).											
29.01	Server Hp	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.02	HP desktop 3000 pro, Printer & Scanner	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.03	Lan system 12 port LAN hub	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.04	Depth display units at various locations	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.05	Depth Display unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.06	Isotope Fume cupboard	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.07	Refrigerator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.08	Fume cupboard	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.09	Refrigerator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.10	HP PC	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.11	System Digital Clock	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.12	Insulated water Sampler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.13	Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.14	Muffle Furnace	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.15	Fume Cupboard	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.16	Vacuum Pump	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.17	Hot Air Oven	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.18	BOD Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.19	Laminar Flow	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.20	Colony Counter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.21	Laboratory Autoclave	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.22	Fume Cupboard	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.23	Marine Balance 100kg	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.24	Ice machine	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.25	Power Supply Unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.26	Megger	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.27	Digital Flow Meter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.28	HP deskjet 3000	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
29.29	Oscilloscope	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
30.00	Meals cost (per person per day of 3 meals and twice snacks/tea/coffee)	6500	Per man day	INR		0.00		0.00		0.00	0.00	INR Zero Only
30.01	VIP meal	300	Per meal	INR		0.00		0.00		0.00	0.00	INR Zero Only
31.00	Labourer Charges (for science team)	100	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
32.00	Boat Arrangement	1	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
33.00	Taxi Arrangement	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
34.00	Port Pass Arrangement	300	Per Pass	INR		0.00		0.00		0.00	0.00	INR Zero Only

35.00	Painting: Deck (polyurethane) and super structure paints (Alkyd)	4	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
36.00	Painting: All bilge areas (epoxy primer and epoxy), void spaces and machinery spaces	2	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
37.00	Painting: Accessible external hull without scaffolding (ship side, weather decks)	3	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
38.00	Annual fumigation charges including shore-accommodations for Ship crew/Officer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
39.00	Spot fumigation as per standard, minimum of 10 locations	4	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
40.00	Shore Crane - 40 Ton Mobile Crane with 32 Meters Boom Length at Kochi	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
41.00	Shore Crane - 100/120 Ton Mobile Crane with 40 Meters Boom Length with counter weight Handling Facility at Kochi	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
42.00	AMC Service charges of Vacuum based Sanitary System by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
43.00	AMC service charges for Navigational, GMDSS and communication equipment by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
43.01	Total Value for Sagar Sampada - (B)	1	subtotal	INR		0.00		0.00		0.00	0.00	INR Zero Only
44.00	ORV Sagar Nidhi											
44.01	Lumpsum amount for all general services and basic maintenance for one year (refer clause 3 of the model contract)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
44.02	Agency Services (Indian port call)	15	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
44.03	Agency Services (Foreign port call)	1	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
44.04	Management Fee as per work scope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.00	Per day manning cost (including victualling)											
45.01	Master FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.02	Chief Officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.03	2nd Officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.04	3rd Officer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.05	Chief Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.06	2nd Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.07	3rd Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.08	4th Engineer FG	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.09	Electro-Technical Officer (ETO)	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.1	Electro-Technical Officer (ETO) - Electronics	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.11	Medic / Nurse	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.12	Deck crew / Helmsman / ratings -7 (365x7 persons)	2555	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.13	Engine crew / ratings -3 (365x3 persons)	1095	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.14	Fitter / Oiler -1 no	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.15	Chief cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.16	2nd cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
45.17	Saloon rating- 3(365x3 persons)	1095	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
46.00	Fresh water rate / ton	3000	Per ton	INR		0.00		0.00		0.00	0.00	INR Zero Only
47.00	Underwater diving, cleaning of transducers, propellers and hull	1	Per operation	INR		0.00		0.00		0.00	0.00	INR Zero Only
48.00	Superintendent for drydocking (all inclusive) per day rate-Indian Yard	60	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
48.01	Superintendent for drydocking (all inclusive) per day rate-Foreign Yard	45	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.00	Scientific equipment maintenance [routine, preventive & break down] only (annual charges including requisite manpower and their victualling).											
49.01	Deep sea Multi beam Echo sounder - MD30 - RESON including DGPS, MRU, S.V probe & S.V profiler, Data Acquisition System & processing system with software, Repeaters, Helmsman display and accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.02	Deep sea Single beam Echosounder (EA 600)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.03	ADCP (Acoustic Doppler Current Profiler): with DAQ	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.04	Shallow water single echo sounder	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.05	Shallow water Multi beam echo sounder (Norbit) including DGPS and accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.06	Sub bottom profiler: Innomar-2000 deep with DAQ and processing system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.07	CTD with rosette setup (CTD and aux sensors). SBE-9/11Plus.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.08	CTD with rosette setup (CTD and aux sensors). SBE-9/11Plus. (Stand-By unit).	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.09	Shallow water CTD 19Plus with rosette	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.10	Thermosalinograph including temp. sensor, interface box & DAQ	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.11	Thermosalinograph (Stand-By unit) including temp. sensor	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.12	HiPAP102 / Hi-PAP500 Acoustic Positioning system & accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.13	Autosalinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.14	Shallow water CTD winch with cable and accessories.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only

49.15	Gravity corer including core head, barrel, catcher and cutter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.16	Auto Analyser.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.17	Deep Sea Winch with umbilical cable	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.18	Deep Sea Winch with aramid cable	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.19	CTD winch with cables	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
49.20	Hydrographic winch with cables	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.00	Scientific Equipment Operation (Data/ Sample Collection & Data processing) only (annual charges including requisite manpower and their victualling)											
50.01	Deep sea Multi beam Echo sounder – MD30 -RESON including DGPS, MRU, S.V probe & S.V profiler, Data Acquisition System & processing system with software, Repeaters, Helsman display and accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.02	Deep sea Single beam Echosounder (EA 600)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.03	ADCP (Acoustic Doppler Current Profiler): with DAQ	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.04	Shallow water single echo sounder	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.05	Shallow water Multi beam echo sounder (Norbit) including DGPS and accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.06	Sub bottom profiler: Innomar-2000 deep with DAQ and processing system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.07	CTD with rosette setup (CTD and aux sensors). SBE-9/11Plus.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.08	Shallow water CTD 19Plus with rosette	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.09	Thermosalinograph including temp. sensor, interface box & DAQ	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.10	HiPAP102 / Hi-PAP500 Acoustic Positioning system & accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.11	Autosalinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.12	Shallow water CTD winch with cable and accessories.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.13	Gravity corer including core head, barrel, catcher and cutter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.14	Auto Analyser.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.15	Deep Sea Winch with umbilical cable	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.16	Deep Sea Winch with aramid cable	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
50.17	CTD winch with umbilical cables	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.00	Scientific equipment Operation & maintenance [routine, preventive & break down, data collection & processing/analysis] (annual charges including requisite manpower and their victualling).											
51.01	Ph meter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.02	Spectrophotometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.03	Autoclave	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.04	MilliQ-Water Purification system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.05	Niskin water samplers 5Ltrs	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.06	Niskin water samplers 4 Ltrs	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.07	AUTOMATIC WEATHER STATION (AWS).	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.08	Computer, Monitor with peripherals.- 4 nos	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.09	Printers - 3nos	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.10	Stereo Microscope with camera attached with PC connection	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.11	Electronic balance	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.12	Hot plate and Magnetic stirrer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.13	Vacuum Pump	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.14	Filtration unit (PVC manifold)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.15	Filtration unit (SS manifold)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.16	Filtration unit (flask type-47 mm)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.17	Filtration unit (flask type-25 mm)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.18	Hot air Oven	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.19	Laminar flow	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.20	BOD incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.21	Bacteriological incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.22	Auto Burette	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.23	Refrigerator Centrifuge	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.24	Plankton Net	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.25	Sieve (for sediment collection)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.26	Deep Freezer.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
51.27	UPS online	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
52.00	Meals cost (per person per day of 3 meals and twice snacks/tea/coffee)	6500	Per man day	INR		0.00		0.00		0.00	0.00	INR Zero Only
52.01	VIP meal	300	Per meal	INR		0.00		0.00		0.00	0.00	INR Zero Only
53.00	Labourer Charges (for science team)	75	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
54.00	Boat Arrangement	2	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
55.00	Taxi Arrangement	125	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
56.00	Port Pass Arrangement	1000	Per Pass	INR		0.00		0.00		0.00	0.00	INR Zero Only

57.00	Painting: Deck (polyurethane) and super structure paints (Alkyd)	4	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
58.00	Painting: All bilge areas (epoxy primer and epoxy), void spaces and machinery spaces	2	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
59.00	Painting: Accessible external hull without scaffolding (ship side, weather decks)	3	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
60.00	Annual fumigation including shore-accommodations for Ship crew/Officer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
61.00	Spot fumigation as per standard, minimum of 10 locations	4	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
62.00	AMC Service charges of Vacuum based Sanitary System by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
63.00	AMC Service charges of Scientific handling System [CTD (Deep & Shallow), Hydrographic, Deep Sea Winches] by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
64.00	AMC service charges for Navigational, GMDSS and communication equipment by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
64.01	Total Value for Sagar Nidhi - (C)	1	subtotal	INR		0.00		0.00		0.00	0.00	INR Zero Only
65.00	Sagar Manjusha											
65.01	Lumpsum amount for all general services and basic maintenance for one year (refer clause 3 of the model contract)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
65.02	Agency Services (Indian port call)	25	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
65.03	Management Fee as per work scope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.00	Per day manning cost (including victualling)											
66.01	Master	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.02	Chief Officer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.03	2nd Officer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.04	Chief Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.05	2nd Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.06	4th Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.07	Electro-Technical Officer (ETO)	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.08	Deck crew / Helmsman / ratings -5 (365x 5 persons)	1825	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.09	Engine crew / ratings -2 (365x2 persons)	730	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.10	Chief cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.11	2nd cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
66.12	Saloon rating - 2 (365x2 persons)	730	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
67.00	Fresh water rate / ton	1200	Per ton	INR		0.00		0.00		0.00	0.00	INR Zero Only
68.00	Underwater diving, cleaning of transducers, propellers and hull	1	Per operation	INR		0.00		0.00		0.00	0.00	INR Zero Only
69.00	Technical Superintendent for drydocking (all inclusive) per day rate	45	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.00	Scientific equipment maintenance [routine, preventive & break down] only (annual charges including requisite manpower and their victualling).											
70.01	CTD profiler and sensors	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.02	Corer (Gravity Corer)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.03	Core Catcher	3	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.04	Core cutter	5	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.05	Core Pipe	30	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.06	MBES & Accessories:-Data Acquisition-Work Station Monitors Keyboard Mouse DGPS CPU	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.07	Single beam Echo Sounder, DGPS, Monitor, CPU, Mouse, Keyboard	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.08	Shallow water CTD Winch (Online with cable & accessories)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.09	Shallow water CTD 19Plus	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.10	IDRONAUT CTD Ocean seven 320 plus with GO1018 Rosette.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.11	Thermosalinograph	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.12	Thermosalinograph (standby unit)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.13	Multiple Corer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.14	ADCP	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.15	Sub Bottom Profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.16	Auto Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.17	CTD winch (offline)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
70.18	Deep Sea winch system with its accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.00	Scientific Equipment Operation (Data/ Sample Collection & Data processing) only (annual charges including requisite manpower and their victualling)											
71.01	CTD profiler and sensors	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.02	Corer (Gravity Corer)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.03	Core Catcher	3	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.04	Core cutter	5	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.05	Core Pipe	30	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.06	MBES & Accessories:-Data Acquisition-Work Station Monitors Keyboard Mouse DGPS CPU	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only

71.07	Single beam Echo Sounder, DGPS, Monitor, CPU, Mouse, Keyboard	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.08	Shallow water CTD Winch (Online with cable & accessories)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.09	Shallow water CTD 19Plus	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.10	IDRONAUT CTD Ocean seven 320 plus with GO1018 Rosette.	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.11	Thermosalinograph	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.12	Multiple Corer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.13	ADCP	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.14	Sub Bottom Profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.15	Auto Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.16	CTD winch (offline)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
71.17	Deep Sea winch system with its accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.00	Scientific equipment Operation & maintenance [routine, preventive & break down, data collection & processing/analysis] (annual charges including requisite manpower and their victualling).											
72.01	Niskin water sampler -5 litres	8	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.02	Niskin water sampler -4 litres	16	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.03	Messengers	6	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.04	Grab sampler-25Kg SS	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.05	Grab sampler-10Kg-HydroBias	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.06	Plankton Net	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.07	Flow meter (General Oceanic)	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.08	Flow meter (Hydro bias)	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.09	Secchi Disk	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.10	Spectrophotometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.11	Vacuum pump & Filtration unit	3	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.12	Centrifuge	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.13	Post Processing Unit Monitors Keyboard Mouse CPU	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.14	BOD Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.15	UPS and Battery bank	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.16	Refrigerator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.17	Deep Freezer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.18	Microscope & Accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.19	Computer and its accessories	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.20	Milli-Q RO System	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.21	Auto Clave	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.22	Dosimat	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.23	Manta Net	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.24	Hot Air Oven	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
72.25	CO2 Analyser	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
73.00	Meals cost (per person per day of 3 meals and twice snacks/tea/coffee)	2500	Per man day	INR		0.00		0.00		0.00	0.00	INR Zero Only
73.01	VIP meal	100	Per meal	INR		0.00		0.00		0.00	0.00	INR Zero Only
74.00	Labourer Charges (for science team)	100	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
75.00	Boat Arrangement	2	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
76.00	Taxi Arrangement	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
77.00	Port Pass Arrangement	250	Per Pass	INR		0.00		0.00		0.00	0.00	INR Zero Only
78.00	Painting: Deck (polyurethane) and super structure paints (Alkyd)	6	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
79.00	Painting: All bilge areas (epoxy primer and epoxy), void spaces and machinery spaces	4	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
80.00	Painting: Accessible external hull without scaffolding (ship side, weather decks)	5	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
81.00	Annual fumigation charges including shore-accommodations for Ship crew/Officer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
82.00	Spot fumigation as per standard, minimum of 10 locations	4	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
83.00	AMC Service charges of Vacuum based Sanitary System by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
84.00	AMC service charges for Navigational, GMDSS and communication equipment by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
84.01	Total Value for Sagar Manjusha - (D)											
85.00	Sagar Tara											
85.01	Lumpsum amount for all general services and basic maintenance for one year (refer clause 3 of the model contract)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
85.02	Agency Services (Indian port call)	45	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
85.03	Management Fee as per work scope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.00	Per day manning cost (including victualling)											
86.01	Master	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.02	Chief Officer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.03	Chief Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only

86.04	2nd Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.05	3rd Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.06	Electro-Technical Officer (ETO)	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.07	Deck crew / Helmsman / ratings – 4 (365x4 persons)	1460	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.08	Engine crew / rating – 1 no	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.09	Cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
86.10	Saloon rating	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
87.00	Fresh water rate / ton	800	Per ton	INR		0.00		0.00		0.00	0.00	INR Zero Only
88.00	Underwater diving, cleaning of transducers, propellers and hull	1	Per operation	INR		0.00		0.00		0.00	0.00	INR Zero Only
89.00	Technical Superintendent for drydocking (all inclusive) per day rate	35	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.00	Scientific equipment maintenance [routine, preventive & break down] only (annual charges including requisite manpower and their victualling).											
90.01	Multibeam Echo Sounder up to 1000m depth with sound velocity profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.02	CTD profiler and sensors	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.03	Auto Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.04	Thermosalinograph	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.05	Gravity corer with accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.06	Ultra Short Base Line (USBL) Acoustic positioning system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.07	Scientific Winches with Handling System (make;KleyFrance)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.08	General Purpose Winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.09	CTD winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.10	Hydrographic winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.11	Underway Data Logging System	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.12	Single Beam Echo Sounder	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.13	Acoustic Doppler Current Profiler (ADCP)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.14	Sub Bottom Profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
90.15	Side Scan Sonar with DAS & related system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.00	Scientific Equipment Operation (Data/ Sample Collection & Data processing) only (annual charges including requisite manpower and their victualling)											
91.01	Multibeam Echo Sounder up to 1000m depth with sound velocity profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.02	CTD profiler and sensors	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.03	Auto Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.04	Thermosalinograph	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.05	Gravity corer with accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.06	Ultra Short Base Line (USBL) Acoustic positioning system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.07	Scientific Winches with Handling System (make;KleyFrance)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.08	General Purpose Winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.09	CTD winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.10	Hydrographic winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.11	Underway Data Logging System	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.12	Single Beam Echo Sounder	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.13	Acoustic Doppler Current Profiler (ADCP)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.14	Sub Bottom Profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
91.15	Side Scan Sonar with DAS & related system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.00	Scientific equipment Operation & maintenance [routine, preventive & break down, data collection & processing/analysis] (annual charges including requisite manpower and their victualling).											
92.01	Bio-Chemical Oxygen Demand BOD Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.02	Double beam UV Visible spectrometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.03	Zoom Stereo Microscope	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.04	Sediment Sampler (25 kg)-1 No	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.05	15Kg-1 No	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.06	Autoclave	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.07	Refrigerated Centrifuge	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.08	Hot Air Oven	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.09	Laboratory water purification system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.10	Refrigerators (-15°C)	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.11	Deep Freezers (-80°C)	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.12	Automatic Weather Station	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.13	Motion Reference Unit [GAPS]	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.14	Portable Nutrient Analyzer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.15	Niskin Water Samplers (5lt capacity) with go devil messenger	10	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.16	Zoo Plankton net with Flow meter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only

92.17	Dosimate-Auto Dispensing Unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.18	Vaccum Pump with filtration Unit-	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.19	Bacteriological Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.20	Laminar Flow	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.21	UV Cabinet	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.22	Fume Hood Explosion Proof	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.23	Texture Analyzer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.24	Auto Analyzer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.25	Carbon Dioxide Analyser	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.26	Ultrasonic Scientific Anemometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.27	FTIR	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
92.28	Manta net	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
93.00	Meals cost (per person per day of 3 meals and twice snacks/tea/coffee)	2000	Per man day	INR		0.00		0.00		0.00	0.00	INR Zero Only
93.01	VIP meal	100	Per meal	INR		0.00		0.00		0.00	0.00	INR Zero Only
94.00	Labourer Charges (for science team)	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
95.00	Boat Arrangement	3	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
96.00	Taxi Arrangement	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
97.00	Port Pass Arrangement	300	Per Pass	INR		0.00		0.00		0.00	0.00	INR Zero Only
98.00	Painting: Deck (polyurethane) and super structure paints (Alkyd)	7	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
99.00	Painting: All bilge areas (epoxy primer and epoxy), void spaces and machinery spaces	4	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
100.00	Painting: Accessible external hull without scaffolding (ship side, weather decks)	5	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
101.00	Annual fumigation charges including shore-accommodations for Ship crew/Officer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
102.00	Spot fumigation as per standard, minimum of 10 locations	4	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
103.00	AMC Service charges of Vacuum based Sanitary System by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
104.00	AMC service charges for Navigational, GMDSS and communication equipment by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
104.01	Total Value for Sagar Tara - (E)	1	subtotal	INR		0.00		0.00		0.00	0.00	INR Zero Only
105.00	Sagar Anveshika											
105.01	Lumpsum amount for all general services and basic maintenance for one year (refer clause 3 of the model contract)	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
105.02	Agency Services (Indian port call)	45	Per port call	INR		0.00		0.00		0.00	0.00	INR Zero Only
105.03	Management Fee as per work scope	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.00	Per day manning cost (including victualling)											
106.01	Master	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.02	Chief Officer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.03	Chief Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.04	2nd Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.05	4th Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.06	Electrical Engineer	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.07	Deck crew / Helmsman / ratings - 4 (365x4 persons)	1460	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.08	Engine crew / rating - 1 no	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.09	Cook	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
106.10	Saloon rating	365	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
107.00	Fresh water rate / ton	800	Per ton	INR		0.00		0.00		0.00	0.00	INR Zero Only
108.00	Underwater diving, cleaning of transducers, propellers and hull	1	Per operation	INR		0.00		0.00		0.00	0.00	INR Zero Only
109.00	Technical Superintendent for drydocking (all inclusive) per day rate	35	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.00	Scientific equipment maintenance [routine, preventive & break down] only (annual charges including requisite manpower and their victualling).											
110.01	Multibeam Echo Sounder up to 1000m depth with sound velocity profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.02	CTD profiler and sensors	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.03	Auto Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.04	Thermosalinograph	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.05	Gravity corer with accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.06	Ultra Short Base Line (USBL) Acoustic positioning system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.07	Scientific Winches with Handling System (make;KleyFrance)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.08	General Purpose Winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.09	CTD winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.10	Hydrographic winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.11	Underway Data Logging System	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.12	Single Beam Echo Sounder	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.13	Acoustic Doppler Current Profiler (ADCP)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.14	Sub Bottom Profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only

110.15	Side Scan Sonar with DAS & related system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
110.16	Multiple Corer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.00	Scientific Equipment Operation (Data/ Sample Collection & Data processing) only (annual charges including requisite manpower and their victualling)											
111.01	Multibeam Echo Sounder up to 1000m depth with sound velocity profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.02	CTD profiler and sensors	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.03	Auto Salinometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.04	Thermosalinograph	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.05	Gravity corer with accessories	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.06	Ultra Short Base Line (USBL) Acoustic positioning system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.07	Scientific Winches with Handling System (make;KleyFrance)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.08	General Purpose Winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.09	CTD winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.10	Hydrographic winch	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.11	Underway Data Logging System	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.12	Single Beam Echo Sounder	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.13	Acoustic Doppler Current Profiler (ADCP)	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.14	Sub Bottom Profiler	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.15	Side Scan Sonar with DAS & related system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
111.16	Multiple Corer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.00	Scientific equipment Operation & maintenance [routine, preventive & break down, data collection & processing/analysis] (annual charges including requisite manpower and their victualling).											
112.01	Bio-Chemical Oxygen Demand BOD Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.02	Double beam UV Visible spectrometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.03	Zoom Stereo Microscope	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.04	Sediment Sampler (25 kg)-1 No	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.05	15Kg-1 No	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.06	Autoclave	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.07	Refrigerated Centrifuge	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.08	Hot Air Oven	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.09	Laboratory water purification system	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.10	Refrigerators (-15°C)	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.11	Deep Freezers (-80°C)	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.12	Automatic Weather Station	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.13	Motion Reference Unit [GAPS]	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.14	Portable Nutrient Analyzer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.15	Niskin Water Samplers (5lt capacity) with go devil messenger	10	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.16	Zoo Plankton net with Flow meter	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.17	Dosimate-Auto Dispensing Unit	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.18	Vaccum Pump with filtration Unit-	2	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.19	Bacteriological Incubator	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.20	Laminar Flow	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.21	UV Cabinet	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.22	Fume Hood Explosion Proof	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.23	Texture Analyzer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.24	Auto Analyzer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.25	Carbon Dioxide Analyser	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.26	Ultrasonic Scientific Anemometer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.27	FTIR	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
112.28	Manta net	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
113.00	Meals cost (per person per day of 3 meals and twice snacks/tea/coffee)	2000	Per man day	INR		0.00		0.00		0.00	0.00	INR Zero Only
113.01	VIP meal	100	Per meal	INR		0.00		0.00		0.00	0.00	INR Zero Only
114	Labourer Charges (for science team)	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
115	Boat Arrangement	3	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
116	Taxi Arrangement	150	Per day	INR		0.00		0.00		0.00	0.00	INR Zero Only
117	Port Pass Arrangement	300	Per Pass	INR		0.00		0.00		0.00	0.00	INR Zero Only
118	Painting: Deck (polyurethane) and super structure paints (Alkyd)	7	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
119	Painting: All bilge areas (epoxy primer and epoxy), void spaces and machinery spaces	4	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
120	Painting: Accessible external hull without scaffolding (ship side, weather decks)	5	Per painting	INR		0.00		0.00		0.00	0.00	INR Zero Only
121	Annual fumigation charges including shore-accommodations for Ship crew/Officer	1	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only

122	Spot fumigation as per standard, minimum of 10 locations	4	Per year	INR		0.00		0.00		0.00	0.00	INR Zero Only
123	AMC Service charges of Vacuum based Sanitary System by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
124	AMC service charges for Navigational, GMDSS and communication equipment by OEM/OEM Authorized engineer	1	Per Year	INR		0.00		0.00		0.00	0.00	INR Zero Only
124.01	Total Value for Sagar Anveshika (F)	1	subtotal	INR		0.00		0.00		0.00	0.00	INR Zero Only
125.00	Sub-Total (without GST) for (A+B+C+D+E+F)	1	LUMPSUM	INR		0.00		0.00		0.00	0.00	INR Zero Only
126.00	GST @ the rate of 18%	1	PERCENTAGE	INR		0.00		0.00		0.00	0.00	INR Zero Only
Total in Figures										0.00		INR Zero Only
Quoted Rate in Words		INR Zero Only										