

**Response to RFP Queries RFP No: NSIL/RFP/VCS-MCS/ 2024/01 dated 20 April 2024 for Supply, Installation & Commissioning of IT infrastructure and Software development for establishing Vessel Communication and Support System (VCS) for Monitoring, Control and Surveillance (MCS)**

SN	RFP Volume and section	RFP Page no	Content in the RFP	Proposed content	Clarification for proposed change	Remarks	NSIL Response/Comments
1	Chapter 2 2.1 Network details	90	Data dissemination to Central Agency: All the vessel position reporting data has to be forwarded to Central Agency (Delhi) for their internal analysis. This data shall be converted to suitable format before forwarding over TCP/IP interface. Secure leased line with min 10Mbps speed shall be established for the same.		Whether Lease line connection is the scope of bidder? Operationally it will be easy if NSIL is going to establish as per time lines. Because, once it is established, bills will be generated by the service provider immediately. Hence service provider are expressing that it is better that NSIL can take up the establishment of lease line connection?	<p>1. If yes, Exact addresses to be indicated to calculate the lease line charges. Also Contact details of INCOIS and DoF shall be provided</p> <p>2. Is the lease line One time establishment cost will be borne by Bidder? Who will be responsible for lease line charges monthly/quarterly?</p> <p>3. Is there is only one lease line or multiple lease lines as per tender? Please clarify.</p>	<p><b>1. YES. For lease lines reqt., Refer Corrigendum-1 ,Dt.3-May-2024</b> <b>Address:</b> <b>a) Indian National Centre for Ocean Information Services (INCOIS), "Ocean Valley",Paragathi Nagar(BO), Nizampet(SO),Hyderabad-500090, Telangana, INDIA.</b> <b>b) Data Backup and Recovery Site ,Dept. of Fisheries , Delhi.</b> <b>c) Central Agency, Delhi/Delhi NCR.</b></p> <p><b>2) &amp; 3)Bidder shall bear all cost,Refer Corrigendum-1 ,Dt.3-May-2024(Note: 1 &amp; 2 ) for Leased line reqt.</b></p>
2	Chapter 3 3.1, SL no.6	109	Submit a comprehensive list of deliverable along with offer with price masked for the proposed configuration. Provide requirement of space for equipment, electricity and thermal load, air-conditioning etc. Vendor shall provide a list of inventory of critical spares, which the vendor will maintain for maintenance of services, along with offer. The selection of the hardware and software sub-systems should be done in a manner to ensure the continuity of service for at least 10 years.		Kindly clarify, whether the comprehensive list of deliverables refer the deliverables as indicated in 4.1, 4.2, 4.3, 4.4, 4.5		Yes
3	Chapter 3 3.1, SL no.10	111	O&M of existing GSAT-6 Hub: In the interim to data centre operationalization at INCOIS, Hyderabad, the specified O&M Engineer has to be made available for O&M activities of the current network with existing software at SAC, Ahmedabad for GSAT-6.		What is the period, with which specified O&M engineer has to be made available at GSAT-6, Ahmedabad? Till INCOIS, Hyderabad becomes operational? Is it a period of 5 years?		<b>Till INCOIS, Hyderabad becomes operational</b>
4	7.11 Price bid format	59	IT Infra structure	Please remove the unit price in the Price bid. Instead ask for breakup details as per 4.1, 4.2, 4.3, 4.4 , 4.5 along with price bid	Since the quantity is as per lot mentioned in price bid, only total price can be quoted in the Financial bid. The Unit prices cannot be quoted in the Financial bid.		<b>RFP terms prevail</b>

5	7.11 Price bid format	60	Initially, Operation & Maintenance charges order will be for 2 years and the same may be extended upto 5 years from date of PO/Contract acceptance (includes O&M of the existing system followed by O&M with GSAT-N3). One Engineer in single shift to be deployed to support the services on 24X7.	1. Please mention the no. of years to be considered for O&M for existing system at Ahmedabad and O&M in GSAT - N3. Also indicate 1/2/3 shifts at both sites, to be considered for L1 purpose.			<b>Till INCOIS, Hyderabad becomes operational, A)O&amp;M of the existing system (GSAT-6, Ahmedabad):</b> One Engineer in single shift to be deployed to support the services on 24X7. On need/requirement basis the shifts may be extended to 2 shifts or 3 shifts per day <b>B) O&amp;M of Centralized Data Center(CDC) , INCOIS, Hyderabad (GSAT-N3):</b> One Engineer per shift to be deployed on 24 x 7 basis to support the services, 3 shifts per day <b>For L1 Criteria:</b> a) O&M Charges for 24X7 Support (1 shift per day) will be considered for existing System(GSAT-6,Ahmedabad) b) O&M Charges for 24X7 Support (3 shift per day)
6	5.3 Delivery schedule and Milestone, Payment Terms	121-122, 119	Development Schedule (Hub baseband Software), Payment terms and schedule	Kindly provide a table with Delivery and payment terms together for Software	There are 8 Delivery milestone for Software and payment terms for Software is 3		<b>RFP terms prevail</b>
7	2.3.5	106	As per clause 2.3.5, the The NMS website & smartphone application shall undergo VAPT security audit (CERT-IN security audit) by authorized / CERT-In empaneled external agency to ensure that it is not vulnerable to security threats when hosted over Internet/Intranet.	Participating bidder can do the VAPT security audit, if already empanelled.	1. BEL is already a CERTIN empanelled for Security Auditing. Can the participating bidder can do the VAPT security audit, if already empanelled?		<b>No. Should be done by external party</b>
	2.3.5	106			2. How many iterations of VPAT is required?		<b>2.Number of Iterations per VAPT depend on whether all the vulnerabilities reported by the auditor are resolved or not. After each round of VAPT, vulnerabilities reported should be resolved and the software should be offered again for testing. If still auditor finds that reported vulnerabilities are not resolved, another iteration of resolution is done and software is offered for re-testing. This is done till all vulnerabilities are resolved</b>
	2.3.5	106			3. Is web server and database audit is in scope?		<b>3.Yes</b>
	2.3.5	106			4. Is VAPT need to perform in O&M Phase if yes specify frequency?		<b>4.VAPT clearance certificate is valid for certain duration specified by auditor. Re-certification is to be performed everytime before validity</b>

8	4.4. Data Backup and Recovery Site (Mandatory) at Delhi 2.1. Network Details	117 & 88	Data Backup and Recovery site: All the data from Centralized Data Centre (CDC), INCOIS will be archived at this location for backup and recovery. The vendor should provide robust application and data replication/synchronization mechanism implementation to maintain consistency between the CDC and backup site.. The backup should preferably be done in real time and should resume from last backup point in case of network failure. A copy of all the operating environment and executables shall also be maintained at this site for recovery purpose. The proposed site is at DoF, New Delhi. The backup should preferably be done in real time and should resume from last backup point in case		1. As per the note the data will be archived and the real time data will be backed up. Does the system wholud have a backup offline also? If so the required hardware specifications and the backup schedule need to be defined like Monthly/weekly/incremental/yearly etc.. 2. Any defined RPO/RTO?		<b>Backup Schedule will be decided during design review.</b> <b>PLs refer section 1.16. Warranty &amp; Comprehensive AMC for typical downtime</b>
9	3.1 Detailed Scope of Work Hub baseband Software Table 1: Scope of work of Hub baseband Software (NCP & NMS)	111	Regular backups of operational environment and database shall be taken to ensure quick recovery from failure		Does the system would have a backup offline also? If so the required hardware /software specifications for backing up of the data and the backup schedule need to be defined like Monthly/weekly/incremental/yearly etc..		<b>Feature Should be supported. Schedule Will be finalised during design review</b>
10	2.3.3 DBMS & Data	105	Database should have capability to define automatic database backup for online backup as well as offline backups. Database should ensure data synchronization between database servers in near real time		DBMS data need to be backedup offline. The required hardware /software specifications for backing up of the data and the backup schedule need to be defined like Monthly/weekly/incremental/yearly etc..		<b>Feature Should be supported. Will be finalised during design review</b>
11	3.18 Earnest Money Deposit	30	EMD of Rs. 20,00,000 (Twenty Lakh rupees only) shall be made through Bank Guarantee in favour of "NewSpace India Limited.".		EMD of Rs. 20,00,000 (Twenty Lakh rupees only) shall be made through Bank Guarantee / Indemnity bond in favour of "NewSpace India Limited."	For PSUs, it is requested to waiver off. Otherwise give an option of Bank guarantee or Indemnity bond.	<b>Indemnity Bond to be submitted by PSUs.</b>
12	6.3 Performance Bank Guarantee	39	The Bank Guarantees shall be 5% of the value of the Contract			For PSUs, it is requested to waiver off. Otherwise give an option of Bank guarantee or Indemnity bond.	<b>RFP term prevails</b>