

न्यूस्पेस इंडिया लिमिटेड (एनसिल)
NewSpace India Ltd. (NSIL)
(अंतरिक्ष विभाग के अधीन भारत सरकार की एक कम्पनी)
(A Central Public Sector Enterprise under Department of Space)
बैंगलूरु Bengaluru-560 094

Dated: May 3, 2024

CORRIGENDUM-I

Request for Proposal (RFP) Ref 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 & Support System (VCS) For Monitoring, Control & Surveillance (MCS)"- Reg.

Sr. No.	Page of RFP(Reference)	RFP Content	Amendment / Additional Requirement (*)
1.	SMS Gateway <ul style="list-style-type: none">Pg. 112, Para 4.1. GSAT-6 Data Centre at SAC, Ahmedabad (MANDATORY), Point 7Pg. 114, Para 4.2. Centralized Data Centre at INCOIS, Hyderabad (MANDATORY) Point 5.Pg. 117, Para 4.5. State Data Centre across any of the 9 coastal state & 4 UTs (OPTIONAL), Point 4.		(*) Bidder to propose suitable solution that will support SMS forwarding to the extent of min. 5000 SMS per day. The solution should be scalable.
2.	Leased Line Pg.114, 4.2. Centralized Data Centre at INCOIS, Hyderabad (MANDATORY), Point 7. Leased Line to Central Agency	Leased Line to Central Agency Qty:1, Specification: Min.10Mbps	<ul style="list-style-type: none">Leased Line to Central Agency, Qty:1, Specification: Min.10Mbps(*) Leased Line to Data Backup and Recovery Site at Delhi is also to be provided by bidder, Qty:1, Specification: Min. 10Mbps(** Refer Note:1 & 2) in Page 3 of 3

3.	Section 2.2. Features and Functional Requirements of NCP Pg 93 , Servers should be synced with NavIC enabled GNSS time	--	(*)NavIC enabled GNSS Network Time Server to be provided by bidder <ul style="list-style-type: none"> Qty:1 nos For Time Sync among all systems. To be installed at Centralized Data Centre, INCOIS, Hyderabad
4.	Email Service	--	(*) To be provisioned by bidder
5.	NMS CERT-IN Security Audit by 3rd party	The NMS website & smartphone application shall undergo VAPT security audit (CERT-IN security audit) by authorized /CERT-In empanelled external agency to ensure that it is not vulnerable to security threats when hosted over Internet/ Intranet.	(*) Bidder to provide and bear the cost

Annexure-I
Technical specification details of Server, Storage, Networking Components, Rack, KVM, Workstation and Display

6.	Item No 3. 10G Switch, Pg No: 126,127	Point 2. Architecture Switch should be DC/Enterprise Class supporting internal dual hot swappable redundant power supply and fans with front to back airflow cooling offering 28T x 10G-T Ports, Populated with 2 x 40G optic (Bidi LC) and 10 meter LC-LC cable Number of ports should be sufficient to connect all servers.	Switch should be DC/ Enterprise Class supporting internal dual hot swappable redundant power supply and fans with front to back airflow cooling offering 28T x 10G-T Ports / 48T x 10G-T Ports. <u>Number of ports should be sufficient to connect all servers at each location.</u> Populated with 2 x 40G optic (Bidi LC) and 10 meter LC-LC cable Note: Since number of servers differ at each location, bidder to provide suitable configuration for server connectivity, management and compatibility
----	--	---	---

		<p>Point 6. Warranty 5 years (3 years std + 2 years Extd. comprehensive onsite warranty) Advance Part replacement and HDD retention.</p>	5 years (3 years std + 2 years Extd. comprehensive onsite warranty) Advance Part replacement.
7.	<p>Item No 4. 1G Switch, Pg no 127</p>	<p>Architecture- Switch should have dedicated slot/Ethernet port for modular stacking, in addition to asked uplink ports. Should support for minimum 100 Gbps of stacking throughput with upto 2 switches in single stack.</p>	<p>1. Architecture- Switch should have dedicated slot/Ethernet port for modular stacking/MLAG, in addition to asked uplink ports. Should support for minimum 100 Gbps of stacking/MLAG throughput with upto 2 switches in single stack/MLAG.</p>

(*) to be read as Additional Requirement

() Note: 1 & 2**

Note-1: "The identified vendor has to hire leased line with required bandwidth in name of User agency and facilitate network operations as specified in RFP. **The charges for the leased line will be borne by User agency on actuals.**"

Note-2: Bandwidth usage charges **excluded from L1 criteria**