



NEWSPACE INDIA LIMITED  
[A Government of India company under Department of Space]

### Purchase & Stores

EOI No.: NSIL/EOI/EO/2025/01

08 Aug 2025

NSIL invites sealed Expression of Interest (EOI) on Single Part for the following:

Sl. No.	EOI No.	Description
1.	<b>NSIL/EOI/EO/2025/01</b>	Empanelment of Satellite OEMs/ Agents to supply Very High and High-Resolution Satellite Imagery, and Digital Elevation Model

Schedule of the EOI is as follows:

S. No.	Activity	Schedule
a)	Document reference No	NSIL/EOI/EO/2025/01
b)	EOI issue date	Refer e-Tender portal (etenders.gov.in)
c)	Last Date for Receipt of Clarification	
d)	<b>Submission of Bid*</b>	

#### NOTE:

- Respondents are required to submit their Expression of Interest (EOI) electronically, in place of the conventional submission of hard copy offers under sealed envelopes. All activities related to the submission and opening of the EOI shall be conducted online through the e-Tenders Central Public Procurement Portal (CPPP).EOI documents can be downloaded from NSIL web site: [www.nsilindia.co.in](http://www.nsilindia.co.in). / CPPP Etenders ([etenders.gov.in](http://etenders.gov.in))
- Detailed specification, terms and conditions are furnished in the EOI document.
- Indian agents/resellers while quoting on behalf of their principal shall provide necessary authorization letter from their Principal
- EOI shall be valid for a period of 120 days from the date of opening.

5. EOI received after the due date and time will not be considered.
6. If EOI opening date happens to be public holiday, the EOI will be opened on the next Working day and interested parties may depute their Representative to attend the EOI opening along with authorization letter.
7. Any clarification on the EOI shall be sought on or before due date. Clarification received after the due date will not be considered.
8. Any clarifications will be notified in NSIL website/ CPPP Etenders (etenders.gov.in).
9. NSIL reserves the right to accept or reject any EOIs in part or full without assigning any reasons whatsoever.

Manager (Commercial)

## **Invitation for Expression of Interest [EOI]**

**From Satellite Owners/ Operators/ agents/ resellers to provide Very High & High Resolution Satellite Imagery (including VNIR, Microwave and Thermal etc.), and High-Resolution DEM for NSIL's requirements.**

### **1. Introduction:**

NewSpace India Limited (NSIL), a Central Public Sector Enterprise under Department of Space, and the commercial arm of ISRO, got incorporated during March 2019. During June 2020, as part of Space Sector Reforms announced by the Government of India, the business mandate of NSIL got significantly enhanced. As on 31st March 2025, NSIL has successfully completed six years of its commercial space business operations. As per Indian Space Policy (ISP 2023), NSIL is responsible for commercialising space technologies and platforms created through public expenditure as well as service the space-based needs of the users, whether Government entities or NGEs, on sound commercial principles.

### **2. Objective:**

The proposal is to invite Expression of Interest (EOI) from the satellite owners/ operators/ agents to provide products, as described under “**Scope of the work**”. The basic purpose of this EOI is to identify and make an inventory of all possible potential satellite owners/ operators/ agents to supply products to meet the NSIL customer requirements. It is proposed to enter into Reseller Agreements/ Rate Contracts for the products defined under the “Scope of the work”.

### **3. Scope of the Work:**

NSIL proposes to procure the following products to meet its requirements:

1. Panchromatic or Pan Sharpened Natural Colour (PSNC) data with Location Accuracy better than 5m (CE-90) without the need of using GCPs further at user end:
  - 1.1. Class A: 30cm native resolution or better at Nadir
  - 1.2. Class B: 31cm to 40cm native resolution at Nadir
  - 1.3. Class C: 41cm to 50cm native resolution
  - 1.4. Class D: 51cm to 70cm native resolution (Location accuracy should be better than 10m (CE-90))
  - 1.5. Class E: 71cm to 1m native resolution (Location Accuracy should be better than 10m (CE-90))

2. Panchromatic Stereo data
  - 2.1. Class A: 30 cm native resolution or better
  - 2.2. Class B: 50 cm native resolution or better
  - 2.3. Class C: 70 cm native resolution or better
  - 2.4. Class D: 1m native resolution or better
3. Multispectral data between 1 to 5m native resolution at Nadir with at least four bands (RGB & NIR) and radiometric resolution of 10 bits or more
4. Hyperspectral data with spectral resolution between 2-11nm (bandwidth) for VNIR bands:
  - 4.1. Class A: 5m native resolution or better at Nadir
  - 4.2. Class B: 30m native resolution or better at Nadir
  - 4.3. Class C: 60m native resolution or better at Nadir
5. Thermal Infrared satellite data having at least one band in LWIR region (8  $\mu\text{m}$  -14  $\mu\text{m}$ ) :
  - 5.1. Class A: 1 - 5m or better at Nadir
  - 5.2. Class B: 5 - 20m at Nadir
  - 5.3. Class C: 20 - 30m at Nadir
6. Digital Surface Model (both WGS84 and Geoid): Vertical accuracy of 3m or better (LE-90) in all slopes of terrain for 3m, 5m and 12m posting intervals.
7. Digital Terrain Model (both WGS84 and Geoid): Hydrologically corrected with vertical accuracy of 3m or better (LE-90) in all slopes of terrain for 3m, 5m and 12m posting intervals.
8. X Band SAR data of 1m or better native resolution
9. ELINT products in various R/F Bands.

10. PAN or PNSC MOSAIC Data with location accuracy better than 5m (CE-90):

10.1. Class A: 30cm GSD or better at Nadir

10.2. Class B: 31cm to 40cm GSD at Nadir

10.3. Class C: 41cm to 50cm GSD at Nadir

10.4. Class D: 51cm to 70cm GSD at Nadir (Location Accuracy should be better than 10m (CE-90))

10.5. Class E: 71cm to 1m native resolution (Location Accuracy should be better than 10m (CE-90))

#### 4 Delivery Time:

The Respondent should have the capability to provide the data products described in the Scope of work, within the stipulated time as defined hereunder:

- Priority 1: Within 24 hours of order placement
- Priority 2: Within 72 hrs of order placement
- Priority 3: Between 5 to 10 days
- Priority 4: Between 10 to 30 days
- Priority 5: Between 30 to 60 days

#### 5 Eligibility Criteria:

Respondent should have the following capabilities:-

- Should be either satellite owners, operators/ agent actively engaged in the supply of EO Imagery.
- Should have the capability to supply one or more products mentioned under the “Scope of work” within the specified “Delivery Time”
- Should make arrangements to address queries in near real time
- Should have platform for directly placing order/ tasking the satellite by enduser.
- Responsible to get all necessary approvals in their country for this purpose
- Agree to have NSIL as reseller for the products chosen or permit NSIL to transfer the licenses to its customers.

## 6 License:

NSIL will enter into Contracts/ empanelment and/ or reseller agreement with the selected party for the selected products described under the Scope of the Work.

## 7 Terms and Conditions:

Shortlisting of the respondents for different types of products shall be done based on the following criteria:-

- Evaluation of EOI will be done by an Expert Committee constituted by NSIL and its decision will be final.
- NSIL may call for technical presentation, if necessary.
- Subsequent to finalization of parties for various products defined under the “Scope of the Work”, NSIL shall enter into Empanelment/ Reseller Agreement. It is mandatory to enter into Non-Disclosure Agreement between Empanelled party and NSIL.
- This proposal is initiated as an EOI. NSIL reserves the right to accept or reject all or any such “Expression of Interest”; without assigning any reasons whatsoever.
- Post Empanelment of Satellite OEM/ Agents for various products, NSIL would seek quotation from the empanelled parties (on limited tender mode) as per its requirements. Order will be placed with the party based on the limited tender terms and conditions.
- Empanelment shall be valid for a period of 2 years. Order placed within the empanelment period through limited tender mode shall be executed by the empanelled vendor.

## 8 Any further enquiries shall be addressed to:

- Email: [purchase@nsilindia.co.in](mailto:purchase@nsilindia.co.in)
- Contact No: 080-2322 7777 (Extension: 137)

## 9 Submission of EOI:

Satellite owners/ operators (Respondents) meeting the eligibility criteria and interested in providing various satellite data products described under the “Scope of the work” are invited to submit the Expression of Interest in the format provided in **Annexure-A** through the **e-Tenders portal of the Central Public Procurement Portal (CPPP)**.

**Annexure-A**

Sl. No.	Parameter	Response
1.	Name of the Respondent submitting the Expression of Interest	
2.	Registered address with Phone, Fax, Email, Web etc.	
3.	Nature of the respondent: (Proprietary / Partnership / Private Ltd. etc.) with Name and address of Proprietor, Partners, Board of Directors, etc. <i>(Relevant Documents like Certificate of Registration, GST, MoA, PAN should be attached)</i>	
4.	List of Major Customers in India and abroad.	
5.	Whether Respondent is a Satellite owner or operator?	
6.	Shareholding pattern of the Satellite Owner	<div>NameCountry% of Share</div>
7.	If the Respondent is not the Satellite owner, then the Name of the owner of the Satellite	

8.	<b>Types of Products (with reference to the “Scope of the Work” given in Para No. 3) for which Expression of Interest is provided.</b>					
	<b>(All Necessary Data sheets need to be provided)</b>					
	(Tick Yes only if you are interested to supply the Product)					
	<b>Product Type</b>	<b>Priority 1</b>	<b>Priority 2</b>	<b>Priority 3</b>	<b>Priority 4</b>	<b>Priority 5</b>
	<b>1. Panchromatic or Pan Sharpened Natural Colour (PSNC) data with Location Accuracy better than 5m (CE-90) without GCPs.</b>					
	1.1 Class A: 30cm native resolution or better at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes/No
	1.2 Class B: 31cm to 40cm native resolution at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes/No
	1.3 Class C: 41cm to 50cm native resolution	Yes / No	Yes / No	Yes / No	Yes / No	Yes/No
	1.4 Class D: 51cm to 70cm native resolution(Accuracy should better than 10m (CE-90)	Yes / No	Yes / No	Yes / No	Yes / No	Yes/No
	1.5: Class E: 71cm to 1m native resolution (Accuracy should better than 10m (CE-90)	Yes / No	Yes / No	Yes / No	Yes / No	Yes/No
	<b>2. Panchromatic Stereo Data</b>					
	2.1 Class A: 30cm native resolution or better	-	Yes / No	Yes / No	Yes / No	Yes/No
	2.2 Class B: 50cm native resolution or better	-	Yes / No	Yes / No	Yes / No	Yes/No
	2.3 Class C: 70cm native resolution or better					



	2.4 Class C: 70cm native resolution or better					
	<b>3 Multispectral data</b> between 1 to 5m resolution with at least four bands (RGB & NIR) with native radiometric resolution of at least 10 bits	Yes / No	Yes / No	Yes / No	Yes / No	Yes/No
	<b>4 Hyperspectral data with</b> spectral resolution between 2-11nm for VNIR bands:					
	4.1 Class A: 5m native resolution or better at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	4.2 Class B: 30m native resolution at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	4.3 Class C: 60m native resolution at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	<b>5 Thermal Infrared satellite data</b> having at least one band in LWIR region (8 $\mu$ m -14 $\mu$ m) :					
	5.1 Class A: 5m or better at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	5.2 Class B: 5 - 20m at Nadir	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	5.3 Class C: 20-30m at Nadir	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	<b>6 Digital Surface Model (DSM)</b> (both WGS84 and Geoid): Vertical accuracy of 3m or better (LE-90) in all slopes of terrain	-	WGS84/ Geoid/ Both	WGS84/ Geoid/ Both	WGS84/ Geoid/ Both	WGS84/ Geoid/ Both

	6.1 Class A: 3m Posting Interval					
	6.2 Class B: 5m Posting Interval		Yes / No	Yes / No	Yes / No	Yes / No
	6.3 Class C: 12m Posting Interval		Yes / No	Yes / No	Yes / No	Yes / No
			Yes / No	Yes / No	Yes / No	Yes / No
	<b>7 Digital Terrain Model (DTM)</b> (both WGS84 and Geoid): Hydrologically corrected with vertical accuracy of 3m or better (LE-90) in all slopes of terrain.	-	-	WGS84/ Geoid/ Both	WGS84/ Geoid/ Both	WGS84/ Geoid/ Both
	7.1 Class A: 3m Posting Interval			Yes / No	Yes / No	Yes / No
	7.2 Class B: 5m Posting Interval			Yes / No	Yes / No	Yes / No
	7.3 Class C: 12m Posting Interval			Yes / No	Yes / No	Yes / No
	<b>8 X-Band SAR</b> data of 1m or better resolution.	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	<b>9 ELINT (Specify the Bands)</b>	Yes/No	Yes/No	Yes/No	NA	NA
	<b>10 PAN or PNSC MOSAIC Data with location accuracy better than 5m (CE- 90):</b>	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
	10.1 Class A: 30cm GSD or better at Nadir					
	10.2 Class B: 31cm to 40cm GSD at Nadir	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	10.3 Class C: 41cm to 50cm GSD at Nadir	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	10.4 Class D: 51cm to 70cm GSD at Nadir Location Accuracy should better than 10m (CE- 90)	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

	10.5 Class E: 71cm to 1m native resolution (Location Accuracy should be better than 10m (CE- 90)	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
9.	Agree to provide API to integrate the tasking/ ordering mechanism in the integrated software platform being developed/ procured by NSIL		Yes/ No			
10.	Furnish copies of agency agreement with the principal with Letter of Authority to bid against this Expression of Interest					
11.	Confirmation with respect to compliance with RBI requirements for enlistment of Indian agents.					
12.	Agree to deploy manpower to assist NSIL customers in tasking/ order placement during the initial period of one month post signing of contract for a particular project		Yes/ No			
13.	Acceptance to have NSIL as Reseller for the products provided and transfer the licenses to its customers.		Yes / No			
14.	Acceptance to provide the Reseller Discounts to NSIL.		Yes / No			
15.	Acceptance to sign Non-Disclosure Agreement with NSIL		Yes / No			
16.	Are you registered as EO data Disseminator with IN-SPACE		Yes / No			

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