

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)**  
 बेंगलूरु  
**Bengaluru-560 094**

SI. No	Reference	Query for clarification from NSIL	Response
1	Page 4:2.Panchromatic Stereo data	There is currently no category for 31 cm to 40 cm native resolution at nadir for stereo data, unlike Section 1.2, Class B on page 3. We request that this category be added for stereo data as well.	Addressed in Corrigendum
2	Page 4: Ser 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	We offer a complete suite of 3D products, including DTM and DSM, which are available off-the-shelf at 50 cm posting. We request that 50 cm posting be included as a category for both DSM and DTM. Products with coarser resolution/posting can also be derived from the 50 cm product without compromising accuracy.	Addressed in Corrigendum
3	Page 4: Serial 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.	We offer a complete suite of 3D products, including DTM and DSM, which are available off-the-shelf at 50 cm posting. We request that 50 cm posting be included as a category for both DSM and DTM. Products with coarser resolution/posting can also be derived from the 50 cm product without compromising accuracy	Addressed in Corrigendum
4	Page 6: Ser 6, 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	Please clarify if this is applicable for Foreign Satellite Data Providers / OEMs or for Indian Satellite Data Providers / OEMs	Addressed in Corrigendum
5	Page 11 Acceptance to have NSIL as Reseller for the products provided and transfer the licenses to its customers	Please clarify if NSIL intends to become a reseller of Foreign Satellite Owner. Licenses will be issued to the end-customer only irrespective of the reseller.	Addressed in Corrigendum
6	Page 11, Acceptance to provide the Reseller Discounts to NSIL	Please clarify if NSIL intends to become a reseller of Foreign Satellite Owner. Licenses will be issued to the end-customer only irrespective of the reseller.	Addressed in Corrigendum

7	Point # 2; Objective on Page # 3	<p>In reference to the stated objectives, we seek clarification on the following points: As per the scope of work, it appears that NSIL may intend to enter into reseller agreements with multiple OEMs, potentially the number could be 5, 10 or more. In this context, could you please clarify the rationale for also extending the invitation to OEMs' authorised agents or resellers</p> <p>For a stated "Rate Contract" agreement, kindly confirm whether NSIL will specify or offer commitment regarding "minimum contract /orderquantities" under the rate contract ?</p>	Addressed in Corrigendum
8	Point # 3(2); Scope of Work on Page # 4	At present, there is no category specified for stereo data with a native resolution between 31 cm and 40 cm at nadir, unlike the provision in Section 1.2, Class B on page 3. We request that a corresponding category be included for stereo data as well.	Addressed in Corrigendum.
9	Point # 3; Scope of Work on Page # 3 & 4	<p>With advancements in AI/ML technologies, significant progress has been made in enhancing satellite imagery resolution through methods such as pixel infusion and similar techniques. Products like 15HD and 30HD — often referred to as “High-Definition,” “Enhanced Resolution,” or “Super Resolution” — are now offered by various OEMs. These products are essentially derived by transforming coarser resolution imagery into higher-resolution outputs, thereby improving the interpretability of lower-resolution data in a highly cost-effective manner.</p> <p>Since this empanelment will remain effective for the next couple of years, we recommend introducing a new category for enhanced resolution products, following a similar classification approach, as below:</p> <p>Class A: 15 cm to 29 cm  Class B: 30 cm to 50 cm  Class C: 51 cm to 1 m  Class D: 1 m to 2.5 m</p>	Value addition is NOT envisaged under this EoI

10	Point # 6; Digital Surface Model (DSM) on Page # 4	OEMs offer DSM products with superior resolution, posting, and accuracy compared to the 3 m (or better) posting specified in this section. We recommend classifying this section into categories such as Class A, Class B, and so on, based on specifications like 50 cm posting, 1 m posting, or 3 m posting. This will enable customers to choose the configuration that best meets their needs and requirements.	Addressed in Corrigendum.
11	Point # 7; Digital Terrain Model (DTM) on Page # 4	OEMs offer DTM products with superior resolution, posting, and accuracy compared to the 3 m (or better) posting specified in this section. We recommend classifying this section into categories such as Class A, Class B, and so on, based on specifications like 50 cm posting, 1 m posting, or 3 m posting. This will enable customers to choose the configuration that best meets their needs and requirements.	Addressed in Corrigendum.
12	Point # 8; SAR Data on Page # 4	X-Band SAR data is also available in various resolutions and scene sizes; therefore, we recommend classifying it in line with the other data categories outlined in the document, as follows: Class A: 50 cm (scene size 5 × 5 km or better) Class B: 1 m (scene size 5 × 5 km or better) Class C: 3 m (scene size 50 × 30 km or better) Class D: 15 m (scene size 100 × 100 km or Better)	Addressed in Corrigendum.

13	Point # 10; PSNC MOSAIC Data Page # 5	<p>As mentioned in Point #3 regarding Enhanced Resolution products, we recommend to add a category based on image enhancement base-layers as well along side the native resolution, with the following classifications:</p> <p>Native Resolution Categories:</p> <p>Class A: 30cm GSD or better at nadir (location accuracy better than 5m (CE-90)</p> <p>Class B: 50cm GSD or better at nadir (location accuracy better than 5m (CE-90)</p> <p>Class C: 1m GSD or better at nadir (location accuracy better than 10m (CE-90)</p> <p>Enhanced Resolution / High-Definition Product Categories:</p> <p>Class A: 15cm to 29 cm (location accuracy of native resolution)</p> <p>Class B: 30cm to 50 cm (location accuracy of native resolution)</p> <p>Class C: 51cm to 1 m (location accuracy of native resolution)</p> <p>Class D: 1m to 2.5 m (location accuracy of native resolution)</p>	Addressed as required in Corrigendum.
14	Point # 4; Delivery Time Page # 5	<p>For all foreign satellite operator working hours have a time difference with Indian customer working hrs., some leverage should be provided here to accommodate the difference of time zones, while calculating the delivery time-lines.</p>	It is for the foreign OEMs to address. Timeline is as per user requirement.
15	Point # 5; Eligibility Criteria Page # 5	Request more information on this tasking platform.	OEM needs to enable the user with Tasking platform to directly place order as per their requirement

16	Point # 5; Eligibility Criteria Page # 5	We would like to seek clarification on the option of having NSIL as a reseller. Is this condition linked to the licensing terms of the OEM, or is it that NSIL requires the OEM to appoint NSIL as a reseller by default? If so, how would an agent or reseller be expected to comply with this requirement? Kindly elaborate.	Addressed in Corrigendum.
17	Point # 6; License Page # 6	Please clarify if this is applicable for Foreign Satellite Data Providers /OEMs or for Indian Satellite Data Providers / OEMs.	Addressed in Corrigendum.
18	Point # 9; Annexure-A Page # 11	There is a reference to the Order Placement/Tasking platform in Point #5 under “Eligibility Criteria” on Page 5. Does this clause regarding API integration refer to the same platform, or is it an additional requirement for another platform of NSIL?	It is an additional requirement for another platform being developed/procured by NSIL
19	Point # 10; Annexure-A Page # 11	The requirement for a Letter of Authority to bid for this EOI is understood; however, the copy of the agreement with the principal is a confidential document signed between principle and agent/reseller under a NDA. Could you please clarify how you would like us to comply with this clause?	Addressed in Corrigendum.
20	Point # 11; Annexure-A Page # 11	Requesting more informtion in this clause	Addressed in Corrigendum.
21	Point # 13; Annexure-A Page # 11	As per standard licensing policy, licenses to use a product or service are issued directly to the end-customer, irrespective of the agent or reseller involved in the transaction. Therefore, if NSIL's objective of becoming a reseller is solely to comply with licensing requirements, this may not be necessary. We request NSIL to kindly clarify this requirement with respect to accepting NSIL as a reseller in this context.	For Indian OEMs, NSIL would enter into Reseller Agreement. For Foreing OEMs, NSIL would empanel the reseller appointed by the respective OEM.

22	Point # 14; Annexure-A Page # 11	As per Point # 7, i.e., Terms and Conditions, it is mentioned that "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 ." In this context, if the order is to be placed as an outcome of the limited tender, the rationale behind providing a reseller discount to NSIL is not clear. Could you please clarify?	Addressed in Corrigendum.
23	Point 2; Objective on Page 3	The EOI document specifies strict timelines for delivery; however, the scope of work does not mention the quantities under the proposed rate contract or empanelment. Without clarity on the required quantities or overall contract volume, it will be difficult for any OEM to allocate satellite capacities to meet the prescribed delivery timelines. Providing some indication of the program's quantum would therefore be helpful.	Timeline is a strict requirement of the User. Generally the contract would be for a period of year with about 500-1000 scenes for optical, while for SAR it could be less. The above number is only indicative. The bidder need to provide the confirmation based on the imaging/ tasking capability of their satellite(s).
24	Page 3, Clause 3, Scope of work:	Request to clarify that the product to be delivered with the stated accuracy is an Orthorectified image. Further, generating a better than 5m CE90 accuracy Ortho image especially in hilly terrains may not be always feasible. Thus, request for the specifications to be changed to better than 10m CE90. Non-orthorectified / partially orthorectified images can also be delivered in addition to the above, in case customer wishes to process the data further.	Requirement is as per the user specification.

25	Page 3, Clause 3, Scope of work:	<p>Given the ambiguity associated with using GSD or image resolution as a criterion for image quality, we propose utilizing the NIIRS rating. NIIRS emphasizes the interpretability of the image and the specific features or objects that can be identified or analyzed. In contrast, GSD/resolution is solely based on pixel size and disregards sensor quality and other pertinent factors. NIIRS enables analysts to ascertain whether a dataset is pertinent to their specific objectives. We suggest the following classes to be defined:</p> <p>Class A: NIIRS-5+</p> <p>Class B: NIIRS-4</p> <p>Class C: NIIRS-3</p>	Requirement of GSD is as per the user specification.
26	Page 3, Clause: 3. Scope of the Work:	Kindly provide an indicative quantity of images that will need to be delivered yearly for each type of dataset	Already indicated in Clarification No. 23.
27	Page 3, Clause: 3. Scope of the Work:	Electro Optical satellite sensors today do capture images at same resolution as Pancromatic, eliminating the need for Pansharpening. Request modify this to Panchromatic or Color RGB or Pan Sharpened Natural Colour (PSNC) data.	Addressed in Corrigendum.
28	Point 3; Scope of Work on Page 3 & 4	Request for the inclusion of a separate category for "Enhanced Resolution," "Super Resolution," or "High-Definition" products, as many OEMs are now offering such solutions in the market. These products are highly cost-effective, provide comparable interpretability for end-users, and are available in resolutions ranging from 15 cm to 2.5 m, which could be classified under a distinct category	Image resolution shall be at the sensor level only.

29	Page 5, Clause: 4 Delivery Time:	<p>The adherence to delivery timelines is subject to availability of physical access, the ability of the satellite to utilize that access and most importantly the priority over other orders / competition in the region.</p> <p>Considering this user should have a clear view of available passes and status of orders the platform should be able to display all available accesses at the time of placing of order and should also be able to track the entire progress of the order. Thus, we suggest the Priority be defined as follows as these priority ladders align with most satellite data provides and :</p> <p>Priority 1: Urgent: - Top priority over next available pass/ passes.</p> <p>Priority 2: Immediate: - Intermediate priority over next available passes</p> <p>Priority 3: Regular: Standard priority over next available passes</p> <p>We further request including the mentioned feasibility and order</p>	Priority is mentioned as per user requirement.
30	Point 8; SAR Data on Page 4	<p>Most of SAR OEMs provide multi-look SAR Images. Multi-Looking reduces speckle and improves the quality of the SAR image improving interpretability of the imagery, which is critical for the majority of applications Multi-look Very-High Resolution X Band SAR data can be classified as:</p> <p>Class A: 1m native Ground Resolution or better</p> <p>Class B: 0.5m native Ground Resolution or better</p> <p>Class C: 0.25m native Ground Resolution or better</p>	Addressed in Corrigendum



31	Point 10; PSNC MOSAIC Data Page 5	As mentioned in earlier point "Enhanced Resolution" based ortho basemaps products are widely available in the market and these should be included long side the native resolution mosaic products. Enhanced Resolution / High-Definition Product Categories: Class A: 15cm to 29 cm (location accuracy of native resolution) Class B: 30cm to 50 cm (location accuracy of native resolution) Class C: 51cm to 1 m (location accuracy of native resolution) Class D: 1m to 2.5 m (location accuracy of native resolution)	Image resolution shall be at the sensor level only.
32	Page 11, Point 10	Kindly provide a format for the letter of Authority. As reseller agreements/ agency are typically signed under Non-Disclosure Agreement (NDA), it may not be possible to share the entire agreement itself. Will the letter of authority from the Principal/ OEM be sufficient	Addressed in Corrigendum.
33	Point 11; Annexure-A Page 11	Need more informtion in this RBl enlistment.	Addressed in Corrigendum.
34	Page 11, Point 14	Could you please clarify this requirement? Given that NSIL will select data providers under various categories through competitive bidding, how would reseller discounts operate in this scenario?	Addressed in Corrigendum.
35	Point 14; Annexure-A Page 11	As per Point # 7, i.e., Terms and Conditions, it is mentioned that "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." In this context, if the order is to be placed as an outcome of the limited tender, the rationale behind providing a	Addressed in Corrigendum.

36	Page 3, Clause: 3. Scope of the Work: 1.	Electro Optical satellite sensors today do capture images at same resolution as Pancromatic, eliminating the need for Pansharpening. Request modify this to Panchromatic or Color RGB or Pan Sharpened Natural Colour (PSNC) data.....	Addressed in Corrigendum
37	Page 3, Clause: 3. Scope of the Work:	The Scope does not include SWIR dataset, which is very useful for military applications. Suggest inclusion of SWIR as well	Not included in this EoI
38	Page 11, Point 10 Furnish copies of agency agreement with the principal with Letter of Authority to bid against this Expression of Interest.	Kindly provide a format for the letter of Authority. As reseller agreements/ agency are typically signed under Non-Disclosure Agreement (NDA), it may not be possible to share the entire agreement itself. Will the letter of authority from the Principal/ OEM be sufficient.	Addressed in Corrigendum. Yes the letter of authority from the Principal/OEM will be sufficient
39	Clause 5: Eligibility Criteria Should make arrangements to address queries in near real time	It is expected that OEMs/ Satellite Operators/resellers functioning from different time zones would be participating in this EOI. Enabling near real time query redressal may hence be difficult. Therefore, kindly consider rephrasing the clause to include mutually agreed service levels.	It is for the OEMs to address. Timeline is as per user requirement.
43	Page 04 Serial 4.Hyperspectral data with spectral resolution between 2-11nm (bandwidth) for VNIR bands	Currently, there is a strict stop of bandwidth for VNIR bands i.e, (2-11nm). We would like to provide Wyvern hyperspectral data where spectral resolution is between (16-32nm) at a resolution of 5.3m. We request that to add/accept the above range also for the requirement.	Specification can not be changed
44	Page 05 : Serial 10.PAN or PSNC MOSAIC Data with location accuracy better than 5m (CE- 90)	Currently there is a requirement of PAN or PSNC Mosaic data , so the requirement is a basemap as a product ? or constructing a basemap having location accuracy with 5m CE90 or better.	Mosaic data is requested for various use cases.
45	Page 05: Serial 5.Eligibility criteria: Responsible to get all the necessary approvals in their country for this purpose	Can you explain / define here the purpose? Is it to the OEM or to the reseller ?	Purpose is to ensure that committed data is supplied to the NSIL's customers without hinderance. It is the responsibility of the reseller to ensure that Satellite Owner/Operator got the necessary approvals
46	Page 05: Serial 5.Agree to have NSIL as reseller for the products chosen or permit NSIL to transfer the licenses to its customers	Could you please share a data flow diagram or structure outlining the roles of resellers, NSIL, and the customers? Additionally, it would be helpful if you could clarify who the potential customers are, so that we can better understand this during the license	Role of resellers/ OEM is to supply the imagery to NSIL's customers under contract with NSIL.

47	Page 11 Serial 9. Agree to provide API to integrate the tasking/ ordering mechanism in the integrated software platform being developed/ procured by NSIL	As mentioned in the eligibility criteria on page 05, the participant should have a platform for end users to directly place orders or task satellites. Could you please clarify whether this refers to the same platform that needs to be procured by the NSIL, or will NSIL be developing the platform, with partners required to provide the necessary API for integration?"	It is an additional requirement for the platform being developed/procured by NSIL
48	Page 03: Serial 2. In Objective :It is proposed to enter into Reseller Agreements/ Rate Contracts for the products defined under the "Scope of the work"	In case of a price increase during the contract period due to currency exchange fluctuations, will NSIL bear the additional cost?	The exercise is only for empanelment. PI refer to Article 7, Point No. 5 for more clarity
49		Clarification is sought regarding the eligibility for empanelment for companies with satellites scheduled for launch within the next 9 months.	You can share the datasheet in response to the EOI. Post successful commissioning of satellite, sample imagery with detailed specification may please be shared for empanelment
50	section 3 "Scope of the Work".	It is recommended that a new category for "SyncFused SAR+MSI" data be included in section 3 "Scope of the Work". This unique data product involves the simultaneous acquisition of Synthetic Aperture Radar (SAR) and Multispectral (MSI) images over the same area from a single satellite. This process enhances interpretability and allows capturing interpretable imagery despite cloud cover, positioning the users to have future-ready capabilities.	Suggestion is Noted. Please share the datasheet in response to the EOI.
51	Section 3 "Scope of the Work	In Section 3 "Scope of the Work", the EOI specifies a requirement for X-Band SAR data with a resolution of 1m or better. GalaxEye's upcoming satellite will provide 1.5m resolution SAR data, clarification is requested on whether NSIL would consider establishing a category for this resolution, which could serve as a cost-effective option for certain applications	Addressed in Corrigendum
52	Section 6 "License".	Further details are requested concerning the proposed reseller agreement mentioned in section 6 "License". Specifically, information on whether the agreement will be exclusive or not.	Proposed reseller agreement would be shared post finalisation of the parties.

53	Section 7 “Terms and Conditions”	The EOI states in section 7 “Terms and Conditions” that an expert committee will evaluate submissions. It would be helpful if NSIL could provide additional details on the specific criteria that the committee will use for its evaluation.	Committee would go through the data sheets and ascertain the suitability of the Bidder for the particular product.
54	Para 10 of Annexure A	While we can submit our agreement with our supplier. The letter of authority will be from us stating that we are allowed to sell their data? Will this suffice?	Please refer to corrigendum. Letter of Authority to should be from the principal only.
55	Point 15 of Annexure ‘A’	Request to share the NDA format allowing Bidders to review the terms and conditions in order to provide acceptance	NDA Template is provided as Corrigendum
56	Point 13 of Annexure ‘A’	Request to clarify that acceptance of this condition will not restrict Bidder from participating in the tenders with end customer if Bidder is not selected in a particular limited tender of NSIL.	Yes, acceptance of this condition will not restrict the bidder to participate in the tenders with end customers.