

भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्त्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of Education. Govt. of India)

PROJECT PURCHASE SECTION

Email: projectpurchase@iitism.ac.in

Website: www.iitism.ac.in

MN-PRJ-52-24-25

02nd January,2025

Request for Quotation

To,

Subject: Procurement of TerraSAR-X Images (TSX-1.SAR.L.1B)

Sir,

Indian Institute of technology (Indian School of Mines), Dhanbad is interested in the purchase of the materials/equipment listed below:

Sl. No.	Detailed Specifications	Quantity
1.	Procurement of TerraSAR-X Images (TSX-1.SAR.L.1B)	20 Nos.
	(Detailed specification as per Annexure- II)	

INSTRUCTIONS:

- 1) Please attach relevant technical literature of the item.
- 2) Please attach authorization certificate from OEM.
- 3) Please mention after-sales service information in your offer.
- 4) Please attach a certificate that the quoted price is not more than that of any other Govt. organization/institution in India. This must be mentioned in the offer letter clearly.
- 5) The rates should be quoted for each item separately as per price schedule attached as annexure I.
- 6) The items/ materials shall be required to be delivered to the Mining Engineering Department IIT (ISM) Dhanbad at the risk and cost of the tenderer.
- 7) Your tender must be valid for a minimum of 120 days from the date of opening of the tender.
- 8) Full details of stores offered should be given in the tender along with supporting & relevant literature/ Technical Literature.
- 9) The items offered should be of good quality conforming to BIS or equivalent standard, where applicable.
- 10) In the event of the supplier failing to supply the materials or install the same as per contract condition, IIT (ISM) Dhanbad shall have the right to deploy a suitable agency/ third party to get the job completed at the risk and cost of the supplier.
- 11) Tender may please be submitted with Enquiry No. MN-PRJ-052-24-25 latest by 23.01.2025
- 12) The offer must be submitted in the office of Deputy Registrar (Project Purchase Section), Office of Dean(R&D), CRF Building 2nd Floor, IIT (ISM), Dhanbad— 826004 (Jharkhand, India) Email: projectpurchase@iitism.ac.in only.
- 13) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 14) IIT (ISM) Dhanbad reserves the right to accept and/or reject any/all tenders without assigning any reason.
- 15) **Payment**: Payment will be made within 45 days after satisfactory supply, inspection, installation/commissioning/ satisfactory services & acceptance and on submission of prereceipted tax invoice, delivery challan, warranty certificate and installation report in triplicate.
- Please attach purchase order copies of the same equipment which you have supplied to any other Govt., public sector and autonomous institutions.
- a) In a tender, either the Indian agent on behalf of the principle/OEM and the Principle/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

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b) If an agent submits a bid on behalf of the principle/ OEM, the same agent shall not submit a bid on behalf of another principle/ OEM in the same tender for the same item/product.

Deputy Registrar Project Purchase Section Office of Dean (R&D) IIT(ISM), Dhanbad



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	1. PRICE SCHEDULE FOR GOO	DDS BEING OF	FERED WITHIN IN	Annexure –I
	IT MOD SOILD OLD TON GOO		, , , , , , , , , , , , , , , , , , ,	
Name of t	he Bidder			
	rence No			
File Refer	rence No			
Sl. No.	Full Description of items with (HSN	Quantity	Unit Price (in	Total Amount
	Code/SAC Code)		INR)	(in INR)
1.				
2.				
3.				
Ex-Wor	ks Price-			
Packing	& Forwarding			
Transpor	rtation			
FOR (II	T ISM) Dhanbad			
GST/IGS	ST (their rate(s) as the case may be, clearly	specified)		
Insuranc				
Installat	ion & Commissioning charge			
Training	g charges, if any			
Addition				
Annual				
*(0	On the basis of the technical specifications	submitted)		
Total Bid Price in words_				
Note:				
(a) The Pr	rice schedule of optional items shall be indi	cated in a separat	te sheet in the same Pe	erforma.
(b) Cost s	pare parts may be indicated separately			
	of Bidder			
Business				

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Annexure -II

<u>Technical Specification of TerraSAR-X Images (TSX-1.SAR.L.1B)</u>

1.0 Ascending Path

- Product id: TSX-1.SAR.Spotlight:/-1
- Processing Level:L1B
- Processor Gain Attenuation [dB]:0
- Orbit Precision: SCIENCE
- Product Type: Single Look Slant Range Complex (SSC)
- Polarization Channels: HH
- Receiving Station: NSG TST Pool
- Sensor Mode: Spotlight
- Polarization Mode: Single Polarization Mode
- Pass Direction: Ascending Path
- Looking Direction: Right Looking
- Incidence Angle Minimum: 48.04296344396116
- Incidence Angle Maximum: 48.04296344396116
- Phase:1
- Orbit:83
- Beam:spot 075R
- Target On-time (Cycle Seconds):467094.8687019
- Target Off-time (Cycle Seconds):467094.8687019
- Scene Center: 28.045, 75.797
- Full Scene (spatial coverage):

(75.83919393891989, 28.096676751937714), (75.73872580193326, 28.082404476112288), (75.75484617104468, 27.993309650390444), (75.85523408812624, 28.007570477648716), (75.83919393891989, 28.096676751937714)

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2.0 <u>Descending Path</u>

- Product id: TSX-1.SAR.Spotlight:/-1
- Processing Level:L1B
- Processor Gain Attenuation [dB]:0
- Orbit Precision: SCIENCE
- Product Type: Single Look Slant Range Complex (SSC)
- Polarization Channels: HH
- Receiving Station: NSG TST Pool
- Sensor Mode: Spotlight
- Polarization Mode: Single Polarization Mode
- Pass Direction: Descending Path
- Looking Direction: Right Looking
- Incidence Angle Minimum:41.917859211278035
- Incidence Angle Maximum:41.917859211278035
- Phase:1
- Orbit:75
- Beam:spot 057R
- Target On-time (Cycle Seconds):423542.5177063
- Target Off-time (Cycle Seconds):423542.5177063
- Scene Center: 28.045, 75.797
- Full Scene (spatial coverage):

(75.73845611829276, 28.00795260471541), (75.83872307661926, 27.993035014854602), (75.85558379293742, 28.082022092565786), (75.75523701212555, 28.096951643788106), (75.73845611829276, 28.00795260471541)