

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)

PURCHASE INDENT FORM

To

Purchase Division
NSIL, Bangalore

Indent No. <i>(Indent No to be filled by Purchase Div)</i>	S/118/AI Extrusions	Date: 25 Jul 24
Mode of Tender (Open/Limited/Single source) / Bid Type (Single/Two-Bid)	Limited	Two-Bid
Proprietary/Specific Brand (if required)		
Type of Tender (Supply/Service/Works)	Supply	
Department	Launch Vehicle - SSLV	
Originated by: Name Designation	S. N. Pruthi HARI PRASATH G Mgr - Launch Vehicle	

Sl. No.	Description & Specifications (Metric System to be followed)	Quantity	Unit of Measurement	Unit Rate	Total Estimated cost per item (Including GST)
1	As per Annexure 1				4,20,20,400/-

Place of Delivery – VSSC/VSSC Work Centre

Delivery Period – Within 8 months from the date of Purchase Order

Payment Terms – As per NSIL standard terms

Documents to be attached:

Justification for Single source Procurement (if applicable)	
Justification for Proprietary (if applicable)	
List of Approved Vendors (If not Open Tender)	As per Annexure 1
Scope & Technical Qualification/Criteria	As per Annexure 1
Installation/Warranty (if any)	
Additional Terms & Conditions (if any)	
Last PO Reference (if any)	First Time Procurement

Reviewed by


Division Head


Director (F)


Director (T& S)

Approved by


CMD (NSIL)

ANNEXURE 1

Indent Heading: Manufacture & Supply of AA2014 T6511 Extruded bars

Indent Items:

No	Description	Unit	Quantity	Estimated cost per unit in INR	Estimated Total Cost in INR
1	Aluminium Alloy AA2014 T6511 Extruded bars: Th 60 x W 100 x L 2500 mm	kg	2000	1434	2868000
2	Aluminium Alloy AA2014 T6511 Extruded bars: Th 75 x W 140 x L 2500 mm	kg	3600	1434	5162400
3	Aluminium Alloy AA2014 T6511 Extruded bars: Th 100 x W 100 x L 3000 mm	kg	10000	1434	14340000
4	Aluminium Alloy AA2014 T6511 Extruded bars: Th 120 x W 150 x L 3000 mm	kg	15000	1310	19650000
Total Indent Value (Rs.)					42020400

Delivery Place: VSSC/VSSC Work Centre

Technical Specifications

Sl. No.	Specification	Specification Value
1	Product	The AA2014 T6511 extruded bars shall conform to the specifications BS L 168 and BS 5L 100.
2	Input billet hydrogen content	Hydrogen content in the input billets shall not be more than 0.2 ml / 100 gm of molten metal at the time of casting. The same shall be guaranteed / reported in the mill Test Certificate
3	Peripheral Grain Growth (PGG)	Maximum allowable Peripheral Grain Growth shall be 5% or 5 mm, whichever is higher, on each side and the same shall be guaranteed / reported in mill Test Certificate
4	Input billet Soundness	Input billets for extrusion shall be ultrasonically qualified to UT Class B or better as per AMS 2630 / AMS STD 2154
5	Ultrasonic qualification of bars	The products shall be ultrasonically qualified to UT Class A as per AMS 2630 /AMS STD 2154
6	Sourcing of items (for traders / stockiest)	Material shall be sourced from the following renowned mills such as: M/S Arconic USA/Korea/Germany, M/S Constellium France, M/S STEP-G Belgium, M/S KUMZ Russia, M/S Aluminiumwerk Unna, Germany, M/S Ye-Fong Taiwan. Mill source shall be indicated in the offer itself without which the offer will not be considered.

Sl. No.	Specification	Specification Value
7	Third party inspection	Supply shall be covered by third party inspection and certification from a reputed agency like BVQI, Lloyds, TUV, SGS etc. The prices offered shall also include third party inspection charges. Full set of inspection reports including third party certification shall be provided for our review and approval.
8	Delivery period	Within 8 months from the date of Purchase Order
9	Material despatch	Material shall be dispatched only after approval from NSIL/ISRO. The products shall be properly packed and protected against damage during handling and sea shipment.
10	Quantity tolerance	+/- 10% is allowed

Suggested Vendors

Reason for not Selecting all Vendors: The below mentioned vendors are approved suppliers of VSSC:

1. Val-Met Engineering Private Limited, Chennai.
2. Kalapurna Steel & Engineering Pvt. Ltd., Mumbai
3. CN Alloys Ltd, UK (through Micronel Global Engineers (P) Ltd, Bangalore)

Supply Conditions

Extruded and Heat treated to T6511 Temper condition

Documents Solicited from Vendor

Compliance matrix pertaining to terms and conditions.