



Technical Specification for Pure Nickel and Pure Molybdenum Powders

1. Purpose:

The Purpose of this document is to define the technical specification for the pure nickel and pure molybdenum metal powders. This specification covers the requirement of particle size, shape, bidder qualification, delivery and acceptance criteria for the supply of pure nickel and pure molybdenum metal powders.

2. Scope of Supply

Item1: Pure Metal Powder of Nickel (Ni) (>99%) **Quantity: 25 kg**

- (i) Powder Particle Size: 106 / +45 microns
(ASTM Mesh # 325 – 140)
- (ii) Powder Particle Shape: Spherical, Gas Atomized

Item2: Pure Metal Powder of Molybdenum (Mo) (>99%) **Quantity: 25 kg**

- (i) Powder Particle Size: 106 / +45 microns
(ASTM Mesh # 325 – 140)
- (ii) Powder Particle Shape: Spherical, Gas Atomized

3. Bidders Qualification

- a. If bidder is not original powder manufacturer, then authorization certificate from the original powder manufacturer has to be provided by authorized agent, The Complete postal address of the powder manufacturing unit along with phone. Fax, email address should be submitted. The purchaser reserves the right to contact the manufacturing unit directly for any technical clarification.
- b. The product asked should be standard catalogued product of the manufacturer. Detail catalogue of the product (mentioning make, model no. / Product code, particle size distribution, particle shape, manufacturing process, country of manufacturing etc.) shall be submitted along with the along with bid.

4. Acceptance Criteria

The material shall be supplied in original powder manufacturer's sealed containers/ packing. The containers/packing shall have label mentioning information of material e.g. name of material,



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name of company (manufactured / marketed by), company logo, name of country, batch /code, date of manufacturing, quantity etc.

The following certificate issued by original powder manufacturer to be submitted along with the supply

- i. Chemical composition of the supplied powder conforming to the above specification.
- ii. Particle shape and size distribution certificate from original powder manufacturer. More than 85% of particles should lie in the range of 106 / +45 microns. SEM based results will be preferred.
- iii. Institution will check the powder composition & powder particle size. Product will only be accepted after its compliance to the above specification.

5. Delivery Time

Supply of Powders at ITER-India: Within 2 months from the date of purchase order

6. Delivery location

Transportation, packaging, freight etc. shall be under the scope of supplier.

The powders defined in the scope of supply shall be delivered to the below mentioned address:

ITER-India, Institute for Plasma Research
Bhat Koteshwar Road,
Ahmedabad- 380005, Gujarat, India



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Annexure A: Compliance Sheet filled by the supplier

Pure Metal Powder of Ni		Requirement from ITER-India	Offer from bidder	Compliance (Yes/No)
1	Ni %	>99 %		
2	Powder Particle Size:	106 / +45 microns (ASTM Mesh # 325 – 140)		
3	Powder Particle Shape:	Spherical, Gas Atomized		
Pure Metal Powder of Molybdenum				
1	Mo %	>99 %		
2	Powder Particle Size:	106 / +45 microns (ASTM Mesh # 325 – 140)		
3	Powder Particle Shape:	Spherical, Gas Atomized		

Bidder Signature		
Name of the signatory & Title	Name	Title
Bidder's Official seal		
Place & Date	Place	DD-MM-YYYY



Annexure-I Self Declaration (On company letter head) (Along with supporting documents, if any)

Tender No:

Tender Title:

Bidder's Name: _____ (Address and contact details)

Bidder's Offer No. _____ Date: _____

Restrictions on procurement from Bidders from a country or countries, or class of countries under Rule 144(xi) of the General Financial Rules 2017.

We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries, and solemnly certify that we fulfil all requirements in this regard and are eligible to be considered. We certify that:

- (a) *we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). and;*
- (a) *we shall not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.*

Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any further changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of Code of integrity and would attract penalties as mentioned in this tender document, including debarment.

(Signature with date)

(Name and designation) Duly authorized to sign Bid for and on behalf of

(Name & address of the Bidder and Seal of Company)



Annexure-II Self-Certification under preference to Make in India order Certificate

(to be printed in letter head)

In line with Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 as amended from time to time and as applicable on the date of submission of tender/enquiry, we hereby certify that we M/s____are Class I local supplier/ Class II local supplier/Non-Local supplier and quoted item/service against ITER-India Enquiry/Tender No./GeM Bid No. Dated

..... has/have local content i.e.,____%. Details of location at which local value addition will be made as follows:

We also understand, false declarations will be in breach of the code of integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Thanking You

Signature with date:

Name:

Designation:

Official

Seal