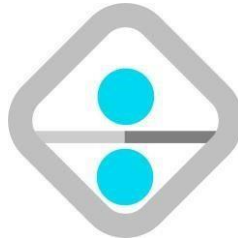


BHARATIYA RESERVE BANK NOTE MUDRAN PRIVATE LIMITED

Expression of Interest (EOI)



EOI No 042/MYS/VARNIKA-21/2021-22 dated 26.08.2021



Issued by:

GENERAL MANAGER (PP)

BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD (BRBNMPL)

(Wholly Owned subsidiary of Reserve Bank of India)

Note Mudran Nagar, Mysuru – 57003

Tel No: +91 - 821 – 2469079, 2469081

Fax No: +91 - 821- 2582099

EMAIL: cvqiridhar@brbnmpl.co.in, ssrikanth@brbnmpl.co.in,

Website: www.brbnmpl.co.in

INVITATION FOR NATIONAL EXPRESSION OF INTEREST(EOI) FOR SUPPLY OF RAW MATERIALS SUITABLE FOR MANUFACTURING OF VARNISHES AND INKS FOR OFFSET, INTAGLIO, NUMBERING PROCESS USED FOR BANKNOTE PRINTING

Not Transferable

Security Classification: Non-Security

No: 042/MYS/VARNIKA-21/2021-22

Dated: 26.08.2021

This EOI document contains 35 Pages

Document is given to:

M/s _____

Address _____

Details of contact person in BRBNMPL regarding this tender:

(Shri K C Sahu)
Assistant General Manager

For and on the behalf of

**GENERAL MANAGER (PP),
VARNIKA
BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD
(Wholly Owned Subsidiary of Reserve Bank of India)
Note Mudran Nagar, Mysuru – 570003
Tel No: 0821-2469079, 2469081 FAX: 0821-2582955/2582099
EMAIL: cvgiridhar@brbnmpl.co.in, kcsahu@brbnmpl.co.in
Website: www.brbnmpl.co.in**

SECTION I: NOTICE INVITING TENDER

BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD
(Wholly Owned subsidiary of Reserve Bank of India)
VARNIKA
Note Mudran Nagar, Mysuru – 570003
Tel No: 0821-2469079, 2469081 FAX: 0821-2582955/2582099

No: 042/MYS/VARNIKA-21/2021-22

Dated: 26.08.2021

1. This tender is a National Competitive Bidding (NCB) wherein sealed Expression of Interest (EOI) is invited for enlisting of vendors for supply of raw materials, only from Indian manufacturers or authorized representatives/dealers, distributors and Stockists of Indian manufacturers suitable for manufacturing of varnishes and inks for offset, intaglio and numbering processes used for banknote printing. This is only an Expression of Interest for developing and short-listing a vendor base for supply of materials in future and the tenders for procurement of materials listed in the table below will be issued only to parties qualified in this EOI and enlisted as vendor for the respective schedules of materials. Manufacturer can participate directly or can authorize only one representative/Distributor/Dealer/Stockist for participating in this EOI. (Bidders should qualify as Class-I or Class-II supplier as per the Preference to Make in India order dated 15/06/2017 and its amendments).
2. Details of indicative annual requirement of various materials or its equivalent are as indicated below:

Schedule	Raw Material	Approx. Quantity Required per Annum (in Kg)
A	PIGMENT	
1	Fluorescent Yellowish Green(515 nm)	1,050
2	Fluorescent Yellow (547 nm)	100
3	Fluorescent Green (529 nm)	1,300
4	Fluorescent Orange (588 nm)	120
5	Fluorescent Bluish Green (480 nm)	225
6	Fluorescent Green (495 nm)	30
7	Pigment Black 7	8,300
B	Calcium carbonate GCC Fine Powder	3,50,000
C	Fumed Silica	26,700
D	VARNISH RAW MATERIALS	
1	Alkyd Resin Type 1	6,400
2	Alkyd Resin Type 2	2,08,400
3	Phenolic Modified Rosin Resin Type 1	15,000
4	Phenolic Modified Rosin Resin Type 2	15,000
5	Rosin Modified Phenolic Ester	87,425

Schedule	Raw Material	Approx. Quantity Required per Annum (in Kg)
6	Fumaric Acid	18,525
7	Solvent Type 1	15,130
8	Solvent Type 2	58,905
9	Solvent Type 3	49,170
10	Solvent Type 4	52,728
11	Wax Type 1	41,600
12	Wax Type 2	10,000
13	Tung Oil	1,29,770
14	Talc N	1,360
15	Lanis	1,050
16	Bentone	1,000
17	Drier	2,500
18	Hydrophilic Fumed Silica	2,700
19	Linseed Oil	5,510

Quantities mentioned above are only indicative. Schedules are combined for administrative convenience. Purchaser reserves the right to proceed with two part tender based on requirement.

3.

Type of Tender (Two Bid / PQB / EOI / RC / Development / Indigenization / Disposal of Scrap / Security item etc.	National Competitive Bidding (NCB)
Date of Publication of EOI documents	31/08/2021
Price of the EOI Document	Free
Closing date and time for receipt of EOI	14:30 Hrs on 30/09/2021
Place of receipt of EOI	Administrative Building, BRBNMPL, Note Mudran Nagar, Mysuru-570003
Time and date of opening of EOI	30/09/2021 at 15:00 hrs.
Place of opening of EOI	Administrative Building, BRBNMPL, Note Mudran Nagar, Mysuru-570003
Nominated Person / Designation to receive bulky documents (Clause 21.1 of GIT)	Shri. K C Sahu, Assistant General Manager, BRBNMPL, Mysuru

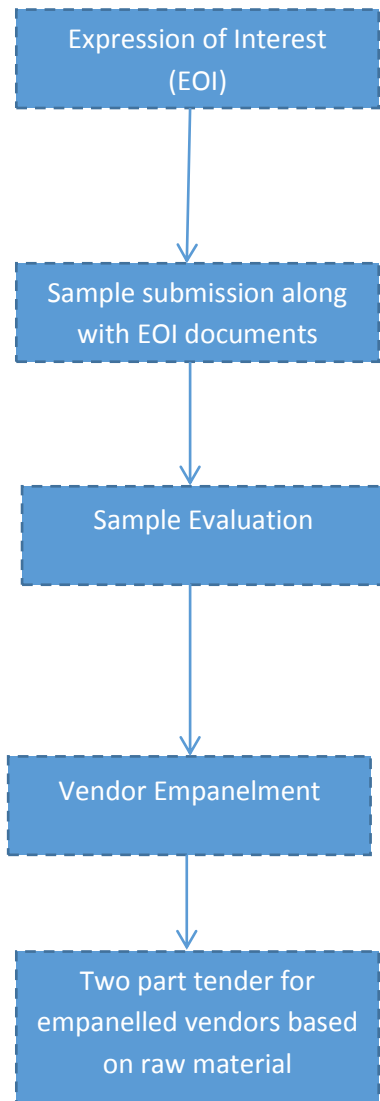
4. The interested parties/vendors may obtain further information about this requirement from the above office. EOI documents may be downloaded from the BRBNMPL website: www.brbnmpl.co.in or be obtained from the office of Ink manufacturing unit, BRBNMPL, Mysuru.

5. Vendors shall ensure that their offer, duly sealed and signed, complete in all respects as per instructions contained in the EOI, are dropped in the tender box located at the address given below on or before the

closing date and time indicated in the Para 4 above for the forthcoming tender. The submissions received within the last date prescribed in EOI will be evaluated and eligible bidders will be empanelled for issuing of tender. However, EOI submitted after due date will be considered for future requirements.

6. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organization, the tenders will be sold / received / opened on the next working day at the appointed time.
7. Vendors may also download the EOI from the website and submit its offer by utilizing the downloaded document.
8. The tender documents are not transferable.
9. Purchaser reserves the right to cancel the tendering process / Reject all Bids / Re-tender without assigning any reason thereof. Purchaser also reserves the right to accept the tender in whole or in part. Incomplete bid documents submitted not in accordance with the directions issued shall be liable for rejection.
10. Purchaser is not responsible for any postal delay and the EOI proposals shall not be accepted for opening after due date and time for the forthcoming immediate tender. Any bids received after the due date will be evaluated and enlisted in the vendor base if found qualified, but they will not be considered for the tenders proposed for issue against this EOI for immediate requirement of materials. Further, interested parties must satisfy themselves about all the details required to be filled in the EOI before submission of details.
11. Vendors are required to stamp and provide their authorized signature on every page of the EOI document and all the supporting documents submitted.
12. Vendors shall mention the **schedule number and serial number of the raw material** for which they are submitting the offer.
13. Submission of sample is mandatory requirement for participation in this EOI. Tender document without sample may be liable for rejection.
14. Vendors submitting sample must compulsorily mention the product code, product batch number. Vendors are enlisted against the particular product submitted during EOI.
15. Applicable guidelines - **Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012', Public Procurement (Preference to Make in India) Order, 2017' and order dated 16/09/2020, Ministry of Finance No 6/18/2019-PPD dated 23rd Jul 2020 (GFR 2017) and all related procurement guidelines issued by Government of India time to time. (Please refer attached annexures for reference)**

Process flow



For & on behalf of BRBNMPL,
-sd-
K C Sahu, AGM

SECTION II: INTRODUCTION

Bharatiya Reserve Bank Note Mudran Private Limited (BRBNMPL) is a wholly owned subsidiary of Reserve Bank of India having two printing presses one at Mysuru, Karnataka & the other at Salboni, West Bengal, for banknote production. BRBNMPL at its Mysuru facility have its own Ink-manufacturing unit for manufacturing ink required for the printing Banknotes.

Relevant information such as Requirements, Terms of Reference, General Terms & Conditions, Procurement Process & Qualifying Criteria, are given below:

A. Requirement:

This invitation to EOI is published to procure suitable raw materials for manufacturing of varnishes and inks for offset, intaglio and numbering processes used for banknote printing. The list of the raw material as well as the approximate annual requirement is as listed below.

Schedule	Raw Material	Approx. Quantity Required per Annum (in Kg)
A	PIGMENT	
1	Fluorescent Yellowish Green(515 nm)	1,050
2	Fluorescent Yellow (547 nm)	100
3	Fluorescent Green (529 nm)	1,300
4	Fluorescent Orange (588 nm)	120
5	Fluorescent Bluish Green (480 nm)	225
6	Fluorescent Green (495 nm)	30
7	Pigment Black 7	8,300
B	Calcium carbonate GCC Fine Powder	3,50,000
C	Fumed Silica	26,700
D	VARNISH RAW MATERIALS	
1	Alkyd Resin Type 1	6,400
2	Alkyd Resin Type 2	2,08,400
3	Phenolic Modified Rosin Resin Type 1	15,000
4	Phenolic Modified Rosin Resin Type 2	15,000
5	Rosin Modified Phenolic Ester	87,425
6	Fumaric Acid	18,525
7	Solvent Type 1	15,130
8	Solvent Type 2	58,905
9	Solvent Type 3	49,170
10	Solvent Type 4	52,728

Schedule	Raw Material	Approx. Quantity Required per Annum (in Kg)
11	Wax Type 1	41,600
12	Wax Type 2	10,000
13	Tung Oil	1,29,770
14	Talc N	1,360
15	Lanis	1,050
16	Bentone	1,000
17	Drier	2,500
18	Hydrophilic Fumed Silica	2,700
19	Linseed Oil	5,510

Vendors who are qualified/shortlisted in the EOI will only be allowed to take part in two-part tender for the materials listed above in the forthcoming tender.

B. Terms of Reference:

Vendor shall provide

- Monthly capacity to supply each of the material for which the vendor is intending to participate in the tender
- Material - wise indicative delivery time (Ex-factory) required for the supply.

C. General Terms & Conditions:

- This EOI is for enlisting of vendors to whom two-part tender (Techno-commercial & Price Bid) will be issued.
- Last Date for submission of Expression of Interest: The letter of Expression of Interest with supporting documents must be submitted at the following address by 1430 Hrs. on 30/09/2021 for consideration of application in the forthcoming tender.

**GENERAL MANAGER (PP)
VARNIKA
BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.
(Wholly Owned subsidiary of Reserve Bank of India)
Note Mudran Nagar, Mysuru – 570 003**

- Before submitting Expression of Interest, parties may obtain required clarifications/queries if any, from VARNIKA at Mysuru.
- For security reasons, the firm will be required to provide details of their representative/s who will be contacting/visiting BRBNMPL, Mysore.
- Interested firms may visit the Unit concerned as indicated in the tender to see the product/ component required to be developed.

D. Procurement Process

Following are the details of this procurement process of BRBNMPL.

i. Expression of Interest is being invited from Indian manufacturers or authorized representatives/dealers, distributors and Stockists of Indian manufacturers..

ii. Samples:

S No	Brief Description of Goods / Services	Minimum Required Sample Quantity in kg	Minimum Shelf life in years*
1	Fluorescent pigments	0.1 (100 grams)	3
2	Non-Fluorescent pigment	0.2 (200 grams)	3
3	Calcium carbonate	2	2
4	Fumed Silica	2	2
5	Alkyd Resin Type 1	2	1
6	Alkyd Resin Type 2	10	1
7	Phenolic Modified Rosin Resin Type 1	5	0.5
8	Phenolic Modified Rosin Resin Type 2	5	0.5
9	Rosin Modified Phenolic Ester	10	0.5
10	Fumaric Acid	2	3
11	Solvent/s	2	3
12	Wax Type 1	10	3
13	Wax Type 2	2	1
14	Tung Oil	5	1
15	Talc N	2	2
16	Lanis	2	2
17	Bentone	2	3
18	Drier	1	3
19	Hydrophilic Fumed Silica	2	2
20	Linseed Oil	2	1

*Shelf life mentioned is only indicative, it will be ascertained during evaluation.

Samples will be on Free of Cost (FOC) basis i.e., on no cost no commitment basis. Samples will be tested at VARNIKA, for their suitability for bank note printing. During sample evaluation such properties (mentioned below) pertinent to Banknote printing inks will be verified to determine the suitability.

Schedule A (Pigments): Offered material shall have appropriate Light fastness, Chemical resistance, ease of dispersion, tinting strength, compatibility with vehicles and other additives that are required for production of Offset, Intaglio and Numbering inks used in bank note printing.

Schedule B (Calcium Carbonate): Offered material shall be suitable for use of extender in manufacturing of Intaglio banknote printing inks and should be compatible with other constituents of inks. It shall not have impact on the printability, resistance properties and wipability of Intaglio inks.

Schedule C (Fumed Silica): Offered material shall be suitable for use of extender in manufacturing of Offset, Intaglio and Numbering banknote printing inks and should be compatible with other constituents of inks. It shall not have impact on the printability, resistance properties and wipability of Banknote printing inks.

Schedule D (Varnish Raw materials): Offered materials shall be compatible with other materials used in manufacturing varnish. Material shall be suitable for withstanding the process temperature of up to 180°C during varnish manufacturing and shall not result in foaming during varnish manufacturing.

- iii. Vendors qualified in this EOI (Satisfactory performance of samples and meeting the qualifying criteria) and enlisted as registered vendor will be invited to participate in two-part tender.
- iv. It shall be noted, if found necessary, purchaser has the rights to ask additional samples from the Vendor/s, for extensive trials.

I. Qualifying Criteria

The following are the Qualifying Criteria which must be fulfilled by the intending vendor:

General Terms:

1. If representatives, dealers, distributors or stockists are taking part in the EOI the credentials of their principal manufacturer will be ascertained to meet the eligibility criteria.
2. Samples for Schedules – If Vendor is interested in taking part in all materials, he should provide samples for all the materials the Vendor intends to participate. Samples should pass quality parameters.
3. Vendor's net worth of the firm should not be negative and also should not have eroded by more than 30% year-on-year in the last three years, ending on 31st March 2020.
4. The Bidder firm must have an annual capacity to manufacture or supply at least 30% of requirement of the item to which they are intending to participate. Please provide a statement confirming the above on your letter head.
5. Principal manufacturers/OEMs, manufacturers under license or their authorized dealers / distributors / representatives who are exclusively appointed by the principal manufacturers / OEMs to represent them in the country shall be eligible to apply or to take part in the bid. One Principal manufacturer / OEM can authorize only one dealer / distributor / representative for a particular tender. Similarly, one authorized Dealer/Distributor/Representative can represent only one Principal manufacturer / OEM in a particular tender. There can be only one bid from either:-
 1. The Principal manufacturer/OEM directly; or
 2. Any of its branch/division/subsidiary; or
 3. Authorized Dealer/Distributor/Representative on behalf of the Principal manufacturer/OEM

Note

- (i) In a tender, either the Principal manufacturer/OEM or its authorized Dealer/Distributor/Representative can bid but both cannot bid simultaneously in the same

tender.

- (ii) In case the bidder is an authorized Dealer/Distributor/Representative, then
- a) the bidder should have been associated as authorised Dealer/ Distributor/Representative of the same or other Principal Manufacturer/OEM for same set of services as in present bid (supply, installation, satisfactorily commissioning, after sales service as the case may be) for same or similar 'Product' for past three years ending on 31st March (or any other year ending followed in relevant country) of the previous financial year; and
 - b) the principal manufacturer/OEM should furnish a legally enforceable tender-specific authorisation in the prescribed form (Section XIV of SBD) assuring full guarantee and warranty obligations as per the general and special conditions of contract and to abide by other tender terms and conditions. The letter of authorisation should be signed by a person competent and having the power of attorney to legally bind the manufacturer; and
 - c) the principal manufacturer/OEM should meet all the pre-qualification criteria without exemption.

S. No.	Category	Past Experience	Samples
1	Schedule A	The Vendor or their principal manufacturer should have supplied pigments for manufacturing of banknote printing inks or security printing ink during last five years as on date of submission.	<ul style="list-style-type: none">• One Vendor can provide more than one variety for each schedule for which he intends to participate.• Samples provided will be used in laboratory for testing purpose.• Samples will be checked/used in laboratory to ascertain their suitability for manufacturing bank note printing inks, which will be used for banknote printing.
2	Schedule B/C	The Vendor or their principal manufacturer should have supplied Fumed silica/ Calcium carbonate for manufacturing of printing inks during the last five years as on the date of submission.	
3	Schedule D	The vendor or their principal manufacturer should have supplied materials as indicated in Schedule D which is used for manufacturing of varnish suitable for production of printing inks during the last five years as on the date of submission.	

Relaxation for MSME/start-ups may refer the Annexure C attached.

E. Technical Specification

The high quality material is required for manufacturing Offset, Intaglio & Numbering inks for Banknote printing on Cylinder Mould Vat made Water marked Bank Note Paper. The required material shall be suitable for manufacturing Offset , Intaglio & Numbering inks suitable for running at all speeds up to a maximum 12000 Impression per Hour on Banknote Printing machines.

Offered material shall

- (i) Work smoothly on High Torque Mixers and Triple Roll Milling machines, under normal operating conditions.

- (ii) Have Good compatibility with other components such as vehicle, varnish, extenders, solvents and additives used in manufacturing of Banknote printing inks.
- (iii) Disperse uniformly in the components and should not form froth or should not sediment on the ink mixing vessels.
- (iv) Disperse such that it is milled to the required particle size in optimum mill passes. The material should not form agglomerates and disperse thoroughly such that it should be suitable for manufacturing inks suitable for printing high-resolution designs, rainbow printing and advance counterfeit deterrent technologies where sharp, and full printing of precise lines and geometric patterns is essential.
- (v) Be Suitable for manufacturing inks with appropriate rheology (Viscosity, Tack) as required for satisfactory running in Offset, Intaglio and Numbering machines.
- (vi) Be such that the inks manufactured from the offered material are non-corrosive to printing plates / rubber blankets.
- (vii) **Shelf life:** The individual material (as per table in sl no 3 of NIT) in sealed container/bags should have shelf life as mentioned in page no 9.

A. LABORATORY TEST FOR PHYSICAL AND CHEMICAL RESISTANCE PROPERTIES OF THE DRIED INKS (PRINTS)

The sample ink will be manufactured from the offered material and proof print will be taken. The dried print shall confirm to the all the specifications and resistance properties mentioned above. Further, it should pass through all the tests mentioned below. These tests are carried out to confirm the durability and physical and chemical resistance of inks.

PHYSICAL RESISTANCE:

Crumpling Resistance: -

Test Method: Resistance to crumpling is evaluated by means of the Crumpling Test Apparatus. 6x6 cm. cut of print is rolled up on itself, printed face inside, then introduced into the apparatus, and the lever is fully pressed. The print is then withdrawn, unfolded, and the operation is repeated three times, each time rotating the print by 90°. The procedure is then repeated analogously by rolling the printed face outside. Afterwards, the print is unrolled, flattened and compared with the standard scale. The print is examined by means of a magnifying glass for splitting of the ink film and for staining of blank areas.

Acceptable Rating should be within 1 to 3 on the scale of 1-4 evaluated on crumpling test apparatus, where 1 indicates 'Excellent' where no damage and transfer of ink, 2 indicates slight damage and transfer (15%), 3 indicate damage and transfer (30%) and 4 indicates 'Insufficient' considerable damage and transfer (more than 30%). The rating will be based on visual comparison of un-crumpled print taking into account (i) the damage to the colour of the print (ii) ink transfer on un-printed areas.

Rub Resistance: -

Test Method: A print is subjected to the rub resistance test by means of the Rub Test Apparatus. The print is rubbed against a sheet of the equivalent blank paper. Acceptable rating should be within 1-3 on the scale of 1-4 evaluated on Rub Tester, where 1 indicates 'Excellent' (no damage or transfer of ink), 2 indicates slight damage and transfer (15%), 3 indicates damage and transfer (30%) and 4 indicates 'Insufficient' i.e. considerable damage and transfer. The rating will be based on visual comparison of un-tested and tested print and transfer to the paper, used for rubbing against.

LIGHT FASTNESS: Non-Fluorescent pigments: ≥ 6 on International Blue Wool Scale evaluated on Xenon Lamp Type Light Fastness Tester. (XENOTEST – Alpha).

CHEMICAL RESISTANCE: The offered material shall be such that the ink manufactured should be resistant to acid, alkali, solvents and other reagents like industrial laundry solutions etc. (given below) as required for security inks for banknotes. The chemical resistance should not be less than 4 in the scale of 1

to 5, where 1 indicates total colour disappearance (in addition fluorescent disappearance) in the case of fluorescent inks and 5 indicates no colour change to the print.

Chemical Resistance Properties of Dried Print: -

Test Method: The chemical resistance test will be conducted on the prints on watermarked paper, dried naturally for seven days. The prints will be treated in various chemicals for time and temperature indicated below. The print is then withdrawn rinsed and placed under a filter paper between two glass plates under a weight of 1 Kg. until both print and filter paper are completely dry.

Class	Reagent	Concentration	Temperature° C	Exposing Time (minutes)	Result (Minimum)
Solvents	Ethyl Alcohol	95%	25	30	4
	Ethyl acetate	PURE	25	30	4
	Acetone	PURE	25	5	4
	Trichloro ethylene	PURE	25	30	4
	Perchloro ethylene	PURE	25	30	4
	Xylene	PURE	25	30	4
Acids	Acetic Acid	20%	25	30	4
	Sulphuric acid	2%	25	30	4
	Hydrochloric Acid	5%	25	30	4
Soap	Soap Solution	10%	85	30	4
Bleach	Sodium Hypochlorite (8.5 %)	20%	25	20	4

Ratings are based on visual comparison of the appearance of treated print with an untreated print taking into account (i) the ink transfer on filter paper kept in contact, while drying and (ii) bleed in the chemicals where,

5 indicates no visible damage to colour and glitter, no transfer, no bleeding of ink prints (less than 5%),

4 indicates slight change in the colour and glitter (5-25%),

3 indicates minor change in the colour and glitter (25-50%),

2 Indicates significant change in colour, glitter transfer bleeding (50-95%)

1 indicates colour disappearance (less than 5% remaining).

D. Environmental Aspect: The material should not contain any heavy metal like Lead, Chromium, Nickel, Cadmium in any form or organic agents such as polychlorinated biphenyls etc. The material should be free from any toxic solvents, toxic organic chemicals, cyanides, chlorinated solvents, mono-glycol ethers etc. The Vendor should provide the Material Safety Data Sheet pertaining to the product.

E. Quality Certificate: Each lot supplied should have Quality Control Certificate giving details of parameter tested. Purchaser reserves the right to verify the quality control parameters submitted by the Vendor/s.

F. Tender Stipulations: Vendor firm should provide Material Safety Data Sheets (MSDS) of the offered product. Each lot supplied should have Quality Control Certificate giving details of parameters tested. Prospective Vendors shall comply with the feature specifications and submit a "Specification Compliance Certificate" with their Technical Bid along with the test certificates.

G. Health and safety requirements: The ink shall meet the standards of health and safety regulations prescribed by the appropriate Indian/Global agencies and the Vendor/s shall submit a certificate to this effect. The ink while in continuous use on machines either shall not pose any health hazards to the personnel to their eyes or skin or to any internal organs or to the functions of the body in any way and the Vendor shall submit a certificate to this effect. The ink shall not emit any volatile or odour, which would be harmful to health of the employee while working on machines and the manufacturer shall submit a certificate to this effect. The Vendor shall indicate the shelf life and storing conditions.

H. Packing and Labeling:

1. Material should be properly packed in appropriate 20/25 kg containers/bags.
2. The container should be pasted with label giving following details:
 - a. Manufacturer's Name
 - b. Colour:
 - c. Colour Index No:
 - d. Gross Weight:
 - e. Net Weight:
 - f. Batch No.:
 - g. Date of Manufacture
3. Vendor shall ensure that the packing shall withstand air/rail/road journey and rough handling during loading/unloading and should be suitable for stacking during storage. Material not supplied in standard packing as indicated above is liable for rejection. The packing material should be free from termite, white ants, and similar insects.

For Fluorescent pigments

S No	Parameters	Specification
1	Form	Powder (White Invisible powder under normal light & glows under UV light)
2	Light Fastness (When 7 days' air dried print is subjected to Xenotest)	4 in the blue wool scale of 1 to 8
3	Chemical resistance	≥4
4	Glow in UV light	Shall glow in all UV ranges particularly in 254 nm, 312 nm & 365 nm.
5	Emission wavelength	Emission wavelength at 100% intensity in visible region while exposing the printed drawdown to UV light (365 nm) should be as per below with tolerance +5 nm and the emission spectra should not have any peak below the value mentioned below for individual pigment. Fluo YG – 515 nm Fluo Yellow – 547 nm Fluo Green – 529 nm Fluo Orange – 588 nm Fluo BG – 480 nm Fluo Green – 495 nm

		However, some peaks higher than above values may be present in lower intensities. For 2 nd & 3 rd peak values may be ± 20 nm.
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For Non - Fluorescent pigment

Sl.No.	Parameters	Specification
1	Type	PIGMENT Black 7
2	Form	Powder
3	Light Fastness (When 7 days' air dried print is subjected to Xenotest)	6 in the blue wool scale of 1 to 8
4	Chemical resistance	≥ 4
5	Glow in UV light	Should not glow in UV light

For Calcium Carbonate (Uncoated)

S No	Parameters	Specification
1	pH (10% solution)	8 to 9
2	% purity as calcium carbonate	Minimum 95%
4	Solubility in 5N HCL acid in cold condition	Clear Soluble

For Fumed Silica (Treated with Dimethyldichlorosilane)

1. Type: Hydrophobic Fumed Silica
2. Appearance:
 - a. Physical state: Powder
3. Specific Surface Area (BET) shall be 90 to 130 m²/g
4. pH value in 4% dispersion shall be 3.6 to 5.5
5. SiO₂ content shall be > 99.8%
6. Loss on drying 2 Hrs @ 105 ° C in $\leq 1.0\%$
7. Tamped Density shall be 50 g/l

For Varnish Raw Materials

1. Alkyd Resin Type 1

1. Type: Long Oil Linseed Isophthalic acid alkyd resin
2. Appearance:
 - a. Physical state: Liquid Resin
 - b. Light to amber brown liquid
3. Solvent: Shall be free from solvent
4. Colour: Paint Research Station (PRS Colour) 4 Max.
5. Viscosity @ 75°C: 7 – 9 Poise
6. Acid Value (mg KOH/Gram): 20 Max.
7. Melting point/freezing point:
8. Isophthalic Acid Content: 16%

9. Esterifying Agent: Trimethylol Propane
10. Fatty Acid Content: 74%
11. Specific Gravity @ 15⁰ C: 1.02
12. Relative density @ 15⁰ C: 1.0 to 1.05
13. Non-Volatile Content: 100%

2. Alkyd Resin Type 2:

1. Type: Long Oil Linseed Isophthalic acid alkyd resin
2. Appearance:
 - a. Physical state: Liquid Resin
 - b. Light to amber brown liquid
3. Solvent: Shall be free from solvent
4. Colour: Paint Research Station (PRS Colour) 4.5 Max.
5. Viscosity @ 75⁰C: 4.5 to 6.5 Poise
6. Acid Value (mg KOH/Gram): 7 Max.
7. Melting point/freezing point:
8. Flash Point: >80⁰ C
9. Esterifying Agent: Pentaerythritol
10. Fatty Acid Content: 72%
11. Specific Gravity @ 15⁰ C: 1.035
12. Relative density @ 15⁰ C: 1.0 to 1.05
13. Non-Volatile Content: 98 ± 2%

3. Phenolic Modified Rosin Resin Type 1:

1. Type: Phenolic Modified Rosin Resin (Structured visco-elastic rosin based resin)
2. Appearance:
 - a. Physical state Solid.
 - b. Form Flakes
 - c. Colour Amber
3. Shall exhibit a medium to low solubility
4. Viscosity (40% in Test Oil 6/9 or blend) shall be 42 Pa.s
5. Cloud point (10% in Test Oil 6/9) shall be 104⁰ C
6. Melting point/freezing point: 160 - 180 °C
7. Relative density @ 20⁰ C: >1
8. Shall not possess any explosive or oxidising property

4. Phenolic Modified Rosin Resin Type 2:

1. Type: Phenolic Modified Rosin Resin (Hard Resin)
2. Appearance:
 - a. Physical state Solid.
 - b. Form Flakes
 - c. Colour Dark Amber
3. Shall exhibit high solubility
4. Viscosity (55% in Test Oil 6/9 or new) shall be 14 Pa.s
5. Cloud point (10 % in Test Oil 6/9 or new) shall be 65⁰ C
6. Melting point/freezing point: 140°C
7. Relative density @ 20⁰ C: >1
8. Shall not possess any explosive or oxidising property

5. Rosin Modified phenolic Ester:

1. Type: Rosin Modified Phenol Formaldehyde Resin
2. Appearance:
 - a. Physical state Solid.
 - b. Form Flakes
 - c. Colour: Off White
3. Shall be soluble in alcohol
4. Colour: Gardner – 12 max
5. Melting point (Ball & Ring): 118 to 123⁰ C
6. Relative density @ 20⁰ C: 1.05
7. Acid value: 115 to 125

6. Fumaric Acid

1. Type: Food grade Fumaric acid
2. Appearance:
 - a. Physical state: Crystalline Powder
 - i. 99% min passing through USS 20 mesh
 - ii. 60% min passing through USS 120 mesh
 - b. Colour: White
3. Solubility in water @ 20⁰C (g/100 ml) : 0.7
4. Colour (55 Alcohol Solution): APHA Index: 20 Max.
5. Heavy metal (pb) (PPM) shall be <5
6. Lead (PPM) shall be <2
7. Arsenic (PPM) shall be <1
8. Assay on Dry Basis (Wt.%) shall be min. 99.5
9. Maleic Acid (Wt.%) shall be Max. 0.05
10. Residue on Ignition (Sulphated Ash) (Wt%) shall be Max. 0.05
11. Loss on drying (Wt%) shall be Max. 0.25

7. Solvent Type 1

1. Type: Solvents-Hydrocarbons, C14-C18
2. Appearance:
 - a. Physical state: Liquid
 - b. Colour: Yellowish
3. Density @ 15⁰C (Kg/m³) shall be 820 to 840
4. Boiling point range @ 760 mm Hg shall be 260 to 295 °C
5. Aniline Point: 75 to 77 °C
6. Refractive index, n_D20⁰C shall be 1.455 to 1.465
7. Flash Point (Pensky - Mrtens closed cup) shall be > 100 °C
8. Relative density @ 15⁰C shall be 0.830
9. Aromatic Content shall be <2%
10. Viscosity @ 20⁰C shall be 3.5 – 10.0 centistokes

8. Solvent Type 2

1. Type: Solvents - Hydrocarbons, C10-C13
2. Appearance:

- a. Physical state: Liquid
3. Boiling point range @ 760 mm Hg shall be 160 to 245 °C
4. Aniline Point: 70°C
5. Refractive index, n_D20°C shall be 1.437
6. Flash Point > 61.5 °C
7. Relative density @ 15°C shall be 0.774 to 0.809
8. Aromatic Content shall be <2%
9. Viscosity @ 20°C shall be 1.3 to 2.5 mm²/sec
10. Evaporation rate shall be 0.04 (Butyl Acetate = 1)

9. Solvent Type 3

1. Type: Solvents - Hydrocarbons, C11-C14
2. Appearance:
 - a. Physical state: Clear Transparent Liquid
3. Boiling point range @ 760 mm Hg shall be 180 to 270 °C
4. Aniline Point: 75 to 77 °C
5. Flash Point > 82 °C
6. Relative density @ 15°C shall be 0.771 to 0.871
7. Aromatic Content shall be <2%
8. Viscosity @ 20°C shall be 1.8 to 2.3 mm²/sec
9. Evaporation rate shall be 0.01 (Butyl Acetate = 1)

10. Solvent Type 4

1. Type: Solvents - Hydrocarbons, C16-C20
2. Appearance:
 - a. Physical state: Clear Transparent Liquid
3. Boiling point range @ 760 mm Hg shall be 275 to 320 °C
4. Aniline Point: 86 to 91 °C
5. Flash Point > 120 °C
6. Relative density @ 15°C shall be 0.815 to 0.835
7. Refractive index n_D20°C shall be 1.44 to 1.455
8. Aromatic Content shall be <2%
9. Viscosity @ 20°C shall be 3.3 to 20 mm²/sec
10. Should be stable at normal ambient temperatures

11. Wax Type 1

1. Type: A Very hard, high melt point natural wax.
2. Appearance: Pale yellow or yellow powder
 - Liquid (at elevated temperature)
 - Solid (at ambient temperature)
3. Solubility: Insoluble in water and in ethanol (96%) and soluble on warming in Ethyl Acetate and in Xylene.
4. Specific Gravity shall be ~0.97 (g/cm³)
5. Acid Value shall be 2 – 7 mg KOH
6. Saponification Value shall be 78 – 95 mg KOH
7. Ash Content shall be ≤ 0.25 %
8. Average particle size shall be 20 – 40 μ
9. Unsaponifiable Matter shall be 50 – 55 %

10. Melting point / Congealing point shall be 78 – 88 °C
11. Flash point shall be > 300 °C

12. Wax Type 2

1. Type: Synthetic paraffin wax, long chain with relatively short side chains
2. Appearance: Micronized spherical powder
3. Average particle size shall be 3 µm
4. Melting point / freezing point shall be 96 - 100 °C
5. Flash point shall be > 200 °C
6. Relative density @ 20 °C shall be 0.9

13. Tung Oil

1. Type: Raw Wood Oil
2. Appearance:
 - a. Physical state: Transparent Liquid
 - b. Colour: Yellow
3. Solubility:
 - a. In Water: Insoluble
 - b. In in aliphatic hydrocarbons and aromatic solvents: Soluble
4. Colour: Gardner – Max 8
5. Relative density @ 20°C : 0.9360 to 0.9395
6. Refractive index @20°C: 1.5170 to 1.5220
7. Iodine number (Wijs): 163 to 173
8. Saponification number: 189 to 195
9. Free Fatty Acid (FFA): 2.5% Max
10. Beta tung Oil Test: negative (no crystalline precipitate)
11. Flash point shall be >300°C
12. Worstall Heat Test: max 7.5 minutes
13. Moisture & Impurities: Max 0.3%
14. Shall not possess any explosive or oxidising property

14. Talc N (HYDRATED MAGNESIUM SILICATE)

1. Type: Hydrated Magnesium Silicate with precisely controlled particle size distribution
2. Appearance: White Powder
3. Talc (Mg-Silicate): >96%
4. Top cut D98 (Sedigraph, ISO13317): <10 micron
5. Median Particle Size D50 (Sedigraph, ISO13317): <2.2 micron
6. Specific surface area (BET,ISO4652): ≤9.5 m²/g
7. Oil Absorption (ISO 787/5): ≤48 g/100g
8. ISO brightness R457: >84.5 %
9. Whiteness Ry (DIN53163): >85%
10. Abrasion (Einlehner at 1000): Approx. 5 mg
11. Hardness (Mohs): Approx. 1

15. Lanis (PHARMACEUTICAL GRADE WATER-FREE WOOL WAX)

1. Type: Anhydrous Lanolin (Water Free Wool Wax)

2. Odour: Mild, Characteristics
3. Appearance: Yellow clear, semi solid
4. Colour (Gardner): ≤ 10
5. Acid Value (mg KOH/gm): ≤ 1
6. Saponification Value (mg KOH/gm): 90-105
7. Drop Point °C: 38-44
8. Peroxide Value (meq O₂/Kg): ≤ 20
9. Water Absorption %: ≥ 200
10. Loss on drying % ,1Hrs at 105 °C: ≤ 0.5
11. Ash (sulphated) %: ≤ 0.15
12. Paraffins %: ≤ 1.0
13. Chlorides (ppm): ≤ 200
14. Water soluble alkalis: Conforms to EP
15. Water soluble oxidants: Conforms to EP
16. Product complies to European Pharmacopoeia: Conforms to EP

16. Bentone (RHEOLOGICAL ADDITIVE BASED ON ORGANIC DERIVATIVE OF BENTONITE CLAY)

1. Type: Organic derivative of bentonite clay (with precisely controlled particle size distribution)
2. Appearance: Light Cream Powder
3. % Drying Loss: 0.1 – 3.0
4. % Loss of Ignition: 45 - 48
5. % Thru 200 Mesh Sieve: 97 - 100
6. Specific Gravity: 1.55 – 1.65 g/ml
7. Moisture: ≤ 3 %
8. Should have tendency to provide rapid rheology build and good sag resistance: Conforms
9. Disperses easily with less shear: Conforms

17. Drier COBALT BIS (2-ETHYLHEXANOATE) AND ZIRCONIUM CARBOXYLATE MIXED DRIER)

1. Type: Mixed Metal Salt Drier [Cobalt BIS (2-ethylhexanoate) and Zirconium carboxylate mixed drier]
2. Appearance: Liquid
3. Colour (Visual): Blue – Violet
4. Initial Boiling Point °C: ≥ 215 °C
5. % Metal (Co + Zr): 14.8 – 15.2
6. Viscosity (Brookfield @ 25°C , cPs): 90 Max.

18. Hydrophilic Fumed Silica

1. Type: Hydrophilic Fumed Silica
2. Appearance:

- a. Physical state: Powder
3. Specific Surface Area (BET) shall be 175 to 225 m²/g
4. pH value in 4% dispersion shall be 3.7 to 4.5
5. SiO₂ content shall be > 99.8%
6. Loss on drying 2 Hrs @ 105 ° C in <=1.5%
7. Sieve Residue shall be < 0.025%
8. Tamped Density shall be 50 g/l
9. Mean Primary Particle Size shall be 5 to 50 nm

19. Linseed Oil

1. Type: Alkali Refined Linseed Oil
2. Appearance:
 - a. Physical state: Clear liquid
 - b. Colour: Light (or pale) brown
3. Solubility: Immiscible with water and Soluble in: Aromatic solvents Hydrocarbons
4. Colour: Gardner – 4 max
5. Relative density: 0.933
6. Specific gravity, 23⁰ C, g/cm³: 0.924 – 0.931
7. Refraction index, nD 20⁰ C, approx.: 1.48
8. Iodine number (Wijs): 175 min.
9. Saponification number: 188 to 195
10. Free Fatty Acid (FFA): 0.5 Max
11. Acid value, mg HOH/g: 0.5 Max
12. Ash %: 0.02 max
13. Water %: 0.1 max

General requirements for Varnish Raw materials

1. Shall be compatible with other materials used in manufacturing varnish.
2. Shall be suitable for withstanding the process temperature of up to 180°C during varnish manufacturing.
3. Shall not result in foaming during varnish manufacturing.
4. Environmental Aspect: The material should not contain any heavy metal like Lead, Chromium, Nickel, Cadmium in any form or organic agents such as polychlorinated biphenyls etc. The material should be free from any toxic solvents, toxic organic chemicals, cyanides, chlorinated solvents, mono-glycol ethers etc. The bidder should provide the Material Safety Data Sheet pertaining to the product.
5. Quality Certificate: Each lot supplied should have Quality Control Certificate giving details of parameter tested. Purchaser reserves the right to verify the quality control parameters submitted by the bidder/s.
6. Tender Stipulations: Bidder firm should provide Technical Data Sheet (TDS) and Material Safety Data Sheet (MSDS) of the offered product. Each lot supplied should have Quality Control Certificate giving details of parameters tested. Prospective bidders shall comply with the feature specifications and submit a "Specification Compliance Certificate" with their Technical Bid along with the test certificates.

7. Health and safety requirements: The material/s offered shall meet the standards of health and safety regulations prescribed by the appropriate Indian/Global agencies and the bidder/s shall submit a certificate to this effect. The material/s offered while in continuous use on machines either shall not pose any health hazards to the personnel to their eyes or skin or to any internal organs or to the functions of the body in any way and the bidder shall submit a certificate to this effect. The material/s offered shall not emit any volatile or odour, which would be harmful to health of the employee while working on machines and the manufacturer shall submit a certificate to this effect. The bidder shall indicate the shelf life and storing conditions.

i) OTHER REQUIREMENTS FOR THE VENDORS

- a) The Vendor should provide names of the Ink manufacturing companies to which they have supplied respective material in the past indicating the quantities supplied annually during the last five years. (Previous Purchase Order copies to be enclosed)
- b) The Vendor shall clearly indicate in the EOI if any patent or other proprietary rights are involved for the material and if so whether the Vendor has unlimited legal rights to deal with them/use them. The Vendor shall completely indemnify and hold harmless the Purchaser from and against any claims of infringement of any patent from any source. The abuse of patent rights resulting in cartel formation could lead to permanent disqualification of the Vendor. The Purchaser reserves the right to take such action as deemed fit over the same, without assigning any reason thereof.
- c) BRBNMPL will be entitled to seek additional documents / information from any Vendor at any point in time.
- d) All experience, past performance, capacity/capability related data and other necessary declarations should be certified by the authorized signatory of the Vendor.
- e) The Vendor should clearly indicate in their EOI that they are submitting the application for one or more Schedules.
- f) Please enclose the details of last three years' ending 31st Mar 2020 financial standings data (P/L accounts, Balance sheets) are duly certified by Chartered Accountant (CA).

ii) GENERAL INSTRUCTIONS FOR THE VENDOR

- a) The Vendor should provide testimony in support of the above mentioned requirements wherever applicable failing which the application will be rejected summarily without further correspondence.
- b) On successful bidding in the final tender the vendors may be required to enter into an agreement with BRBNMPL.
- c) The applications as per enclosed format, are to be submitted in a sealed cover super scribing on the top of the cover "Expression of Interest for the supply of Material for production of Security ink" and to be submitted to The General Manager (PP), VARNIKA, BRBNMPL, Note Mudran Nagar, Mysuru – 570003 by 1430 hrs. IST on or before 30/09/2021 along with the product samples to be considered for evaluation for issue of two-part tender in the forthcoming tender.
- d) Applications received on or before the due date and time of last date of application will only be considered for evaluation for issue of two-part tender in the forthcoming tender.. The responsibility to submit EOI before the due date and time rests with Vendor and BRBNMPL will not entertain any explanation/reason for late submission.
- e) BRBNMPL will not be responsible for any delay in delivery of bids.
- f) The changes/Amendment to this document will be updated in our website (www.brbnmpl.co.in) only.

Note: -

All experience, past performance, capacity/capability related data should be certified by the authorized signatory of the Vendor firm. Vendor to furnish stipulated documents in support of fulfilment of qualifying criteria.

Submission of Expression of Interest - Timelines:

- a) Last date & time for receipt of EOI: On or before 1430 hours (IST) of 30/09/2021.
- b) Date and time of opening EOI applications: 1500 hours (IST) on 30/09/2021.
- c) In the event of any of the above mentioned dates being declared as a holiday/ closed day for BRBNMPL, the tenders will be sold / received / opened on the next working day at the appointed time.
- d) Location for submission and opening of bids:

BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.

VARNIKA

(Wholly Owned subsidiary of Reserve Bank of India)

Note Mudran Nagar, Mysuru – 570 003

ENCLOSURES:

1. Annexure A: List of documents required
2. Annexure B: Information about the participant company.
3. Annexure C: Salient features of 'Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012'
4. Annexure D: Conditions for start-up companies
5. Annexure E: Salient features of revised 'Public Procurement (Preference to Make in India) Order, 2017'
6. Annexure F: Procedure to be adopted when the bidder qualifies as both MSE and class-I local supplier
7. Annexure G: Restrictions of procurement from countries sharing land border with India
8. Annexure H: Compliance Statement

No: 042/MYS/VARNIKA-21/2021-22**Dated: 26.08.2021****Details of documents:****The following documents and information shall be submitted together with the Expression of Interest:**

- Brief description of the company/organization, including its structure and the number of employees.
 - Name of the firm and complete address including branches; if any:
 - Status of the firm: Proprietor / Partnership / Regd. Company / Co-op. Society
- Reference list of major clients and projects of similar nature executed in the last 5 years with relevant details like Supply order/LOI/satisfactory performance certificate.
- The Vendor should give a declaration that they have not been blacklisted / debarred from dealing by Government of India/BRBNMPL in the past 5 years.
- The Vendor is required to submit the undertaking that “the information given in the documents are correct and the Vendor is aware that any information provided is found to be false at a later stage, BRBNMPL reserves the right to reject / disqualify the Vendor at any stage of the tendering process without assigning any reason.”
- The Vendor should indicate that authorized signatory is competent and legally authorized to submit the tender and / or to enter into legally binding contract. The bid shall be legally binding on the Vendor and are required to submit the authorization letter to that effect.
- Undertaking that the Vendor is accepting all the terms and conditions of EOI and abides by it without any counter conditions.
- Undertaking that the information given in the documents is correct and the Vendor is aware that any information provided is found to be false at a later stage BRBNMPL reserves the right to reject / disqualify the Vendor at any stage of the tendering process without assigning any reason.
- A duly signed and stamped confidentiality statement as given below is to be furnished-“The information contained in the tender document will not, in whole or in part be reproduced, transferred to other documents / electronic media or disclosed to others without written consent of BRBNMPL”.
- Please enclose the details of last three years’ ending 31st Mar 2020 financial standings data (P/L accounts, Balance sheets) are duly certified by Chartered Accountant (CA).
- The Vendor shall clearly indicate in the EOI if any patent or other proprietary rights are involved for the material and if so whether the Vendor has unlimited legal rights to deal with them/use them. The Vendor shall completely indemnify and hold harmless the Purchaser from and against any claims of infringement of any patent from any source. The abuse of patent rights resulting in cartel formation could lead to permanent disqualification of the Vendor. The Purchaser reserves the right to take such action as deemed fit over the same, without assigning any reason thereof.

No: 042/MYS/VARNIKA-21/2021-22**Dated: 26.08.2021****INFORMATION ABOUT THE COMPANY (TO BE FILLED IN BY THE FIRMS)**

Sl.No	Description	Details to be filled in
1	Name of the company	
2	Year of Incorporation (a copy of the incorporation certificate may be enclosed)	
3	a) Address of the registered office.	
	b) Telephone no(s).	
	c) Fax no(s).	
	d) Web site, e-mail, if any.	
	e) Address of other regional/local office, if any.	
4	a) Name of the authorized representative of the company for coordination of this job	
	b) Telephone no(s).	
	c) Fax no(s).	
	d) E-mail address.	
5	a) Name of the associate JV company, if any	
	b) Address of the registered office of associate co.	
	c) Telephone no(s).	
	d) Fax no(s).	
	e) Website/email etc.,	
6	Current net worth (in INR or equivalent)	
7	Financial details (P/L, Balance sheet) for last three financial years (2017-18, 2018-19, 2019-20)	
8	Any other information, which found necessary for this project	

Date:

Place: Signature of owner /Authorized representative of the company

Salient features of 'Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012'

CONDITIONS FOR MICRO AND SMALL ENTERPRISES (MSEs)

1. MSEs must be registered with any of the following in order to avail the benefits / preference available under MSEs Order, 2012: -
 - District Industries Centers (DIC)
 - Khadi and Village Industries Commission (KVIC)
 - Khadi and Village Industries Board
 - Coir Board
 - National Small Industries Corporation (NSIC)
 - Directorate of Handicraft and Handloom
 - Any other body specified by Ministry of MSME (MoMSME)
 - Udyog Aadhaar Acknowledgment / Udyog Aadhaar Memorandum issued by MoMSME
2. MSEs participating in the tender must submit valid & authorised copy of certificate of registration with any one of the above agencies. In case of bidders submitting DIC registration certificate, they shall attach original notarised copy of the DIC certificate.
3. The registration certificate issued from any one of the above agencies must be valid as on Bid closing date of the tender. Bidder shall ensure validity of registration certificate in case bid closing date is extended.
4. The MSEs who have applied for registration or renewal of registration with any of the above agencies/bodies, but have not obtained the valid certificate as on closing date of the tender, are not eligible for exemption/preference. Where validity of such certificates such as NSIC certificate has lapsed, it shall be the responsibility of the bidder to seek renewal from the concerned Govt. agency before such expiry. However, documentary evidence seeking extension before the lapse of validity of such certificate and an authorization letter from the Govt. agency having received application for renewal submitted before the bid closing date shall be accepted.
5. Manufacturer for tendered items / Service provider of tendered services: The MSE bidder must be Manufacturer of tendered items for procurement / Service provider who is capable of rendering the tendered services by themselves to avail the benefits under MSEs Order, 2012. Traders/dealers/resellers/distributors/authorized agents will not be considered for availing benefits under MSEs Order, 2012 as per guidelines issued by MoMSME.
6. The MSEs registered with above mentioned agencies / bodies are exempted from payment of Earnest Money Deposit (EMD) & Tender fees.
7. Relaxation of Norms for Micro & Small Enterprises (MSEs): Pre-qualification criteria with respect to Prior Turnover and Prior experience may be relaxed for Micro & Small Enterprises as per GOI guidelines subject to meeting of quality and technical specifications.
8. Items which are reserved for exclusive purchase from MSEs shall be procured from Micro and Small Enterprises as per Public Procurement Policy.
9. Subject to meeting terms and conditions stated in the tender document, at least 25% of the total quantity of the tender is earmarked for MSEs registered with above mentioned agencies / bodies.

10. In case MSE bidder is L1, entire value of the tender is to be ordered on the L1 MSE bidder.
11. In tender, participating MSEs quoting price within price band of L1 + 15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply at least 25% of the total tendered value (where the tender quantity can be split).
12. In case of more than one such MSEs are in the price band of L1 + 15% and matches the L1 price, the supply may be shared proportionately if the job can be split.
13. In case the tendered quantity cannot be split, MSE shall be allowed to supply total tendered quantity provided their quoted price is within a price band of L1 + 15% and they match the L1 price.
14. If the quantity cannot be split and there are more than one eligible MSE bidders (price band within L1+15%) then the opportunity to match the L1 rate of the tender shall be given first to MSE (who have quoted lowest rate among the MSEs within the price band of L1+15%) and the total quantity shall be awarded to him after matching the L1 price of the tender.
15. If the MSE who have quoted lowest rate among the MSEs in the price band of L1 + 15% do not agree to match the rate of L1 of the tender, then the next ranked MSE bidder who has quoted within the price band of L1 + 15% in order shall be given chance to match the rate of L1 for award of the quantity/order.
16. For more clarity in this regard, following table is furnished: -

Type of Tender	Price quoted by MSE	Finalization of tender
Can be Split	L1	Full order on MSE
	Not L1 but within L1+15%	At least 25% order on MSE subject to matching L1 price
Cannot be split	L1	Full Order on MSE
	Not L1 but within L1+15%	Full Order on MSE subject to matching L1 price

17. The purchase preference to MSEs is not applicable for works contracts where supply of goods not produced by MSEs is also involved.
18. Special provision for MSEs owned by SC & ST entrepreneurs: Out of the 25% target of annual procurement from MSEs, 4% shall be earmarked for procurement from MSEs owned by SC & ST entrepreneurs. In the event of failure of such MSEs to participate in the tender process or meet the tender requirements and L1 price, 4% sub-target so earmarked shall be met from other MSEs.
19. To qualify for entitlement as SC/ST owned MSE, the SC/ST certificate issued by District Authority in addition to certificate of registration with any one of the agencies mentioned in paragraph 1 above. Alternatively, the bidder shall be responsible to furnish necessary documentary evidence for enabling BRBNMPL to ascertain that the MSE is owned by SC/ST entrepreneurs. MSE owned by SC/ST is defined as:

- In case of Proprietary MSE, proprietor(s) shall be SC/ST
 - In case of Partnership MSE, the SC/ST partners shall be holding at least 51% shares in the enterprise
 - In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters
20. Special provision for MSEs owned by women entrepreneurs: Out of the 25% target of annual procurement from MSEs, 3% shall be earmarked for procurement from MSEs owned by women entrepreneurs in addition to 4% earmarked for MSEs owned by SC/ ST entrepreneurs. MSE owned by Women is defined as:
- In case of Proprietary MSE, proprietor(s) shall be Women
 - In case of Partnership MSE, the Women partners shall be holding at least 51% shares in the enterprise
 - In case of Private Limited Companies, at least 51% share shall be held by Women promoters
21. Micro & Small Scale Enterprises have to submit a declaration and undertaking along with their offer as per Declaration & Undertaking by Micro & Small Scale Enterprises / Start-up Companies / Entities seeking purchase preference under Make In India Policy / Women entrepreneurs / Registration with TReDS/GeM [as per Annexure-5].

CONDITIONS FOR START-UP COMPANIES

1. Subject to meeting of Quality and Technical specifications, BRBNMPL may consider allowing the participation of “Start-up” companies with capability to execute the supply/ services, as per technical specifications / perform the job as per scope of work specified in the tender and subject to meeting extant & relevant guidelines of Government of India. This should be confirmed and substantiated in the technical bid.
2. The bidder who intends to participate as “Start-up” company should enclose the Certificate of Recognition issued by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Govt. of India during submission of Technical bid.
3. Start-ups registered with DPIIT are exempted from payment of Earnest Money Deposit (EMD) & Tender fees.
4. Prequalification Criteria with respect to Prior Turnover and Prior Experience may be relaxed for Start-ups as per the GOI guidelines.
5. Start-up Companies who are also registered as MSEs and wish to avail the benefits as applicable to MSE, shall submit relevant documents covered under Conditions for Micro and Small Enterprises elsewhere in this tender.
6. Start-up Companies have to submit a declaration and undertaking along with their offer as per Declaration & Undertaking by Micro & Small Scale Enterprises / Start-up Companies / Entities seeking purchase preference under Make In India Policy / Women entrepreneurs / Registration with TReDS/GeM [as per Annexure-5].

Salient features of revised 'Public Procurement (Preference to Make in India) Order, 2017'

1. As per the revised Order, suppliers have been classified as 'Class-I local supplier', 'Class-II local supplier' and 'Non-local supplier' as defined below (para 2 of order): -
 - 'Class-I local supplier' - supplier or service provider whose Goods, Services or Works has local content equal to or more than 50% - shall get purchase preference provided quoted price falling within margin of price preference i.e. within L1 + 20%
 - 'Class-II local supplier' - supplier or service provider whose Goods, Services or Works has local content more than 20% but less than 50% - shall not get any purchase preference
 - 'Non-local supplier' - supplier or service provider whose Goods, Services or Works has local content less than or equal to 20% - shall not get any purchase preference
2. Other important definitions (para 2 of order): -
 - 'Local content'- means the amount of value added in India i.e. total value of the item (excluding local taxes) minus the value of import content in the item (including customs duty) as a proportion of the total value of the item, in percent
 - 'Margin of purchase preference' – means the maximum extent to which the price quoted by a 'Class-I local supplier' can be above L1 price for the purpose of purchase preference. The margin of purchase preference shall be 20%
3. Procedure for purchase preference to 'Class-I local supplier' applicable for procurement scenario 2 in para 3 above is explained below in brief (para 3A (b) and (c) of order): -
 - I) Procurement of Goods and Works which are divisible in nature (e.g. consumables): -
 - If L1 is 'Class-I local supplier' – 100% awarded to L1
 - If L1 is not 'Class-I local supplier' – 50% awarded to L1
 - Remaining 50% awarded to lowest bidder among 'Class-I local supplier' falling within L1+20% subject to matching L1 price
 - If unable to match L1 price or accepts less than offered quantity, next lowest 'Class-I local supplier' bidder within L1+20% is invited to match L1 price for remaining quantity and so on and contract will be awarded accordingly.
 - If some quantity is left uncovered on 'Class-I local supplier', then such balance quantity can be ordered on the original L1 bidder
 - II) Procurement of Goods and Works which are not divisible in nature (e.g. Varnish Plant) and procurement of Services where bid is evaluated on price alone: -
 - If L1 is 'Class-I local supplier' – 100% awarded to L1
 - If L1 is not 'Class-I local supplier'
 - Lowest bidder among 'Class-I local supplier' falling within L1+20% is invited to match L1 price – contract awarded subject to matching L1 price
 - If unable to match L1 price, next lowest 'Class-I local supplier' bidder within L1+20% is invited to match L1 price and so on and contract will be awarded accordingly
 - If none of the 'Class-I local supplier' bidder within L1+20% is unable to match L1 price, contract awarded to original L1 bidder
4. Verification of local content: Verification of local content will be as per "para 9" (a) & (b) of DPIIT order No. P-45021/2/2017-B.E.-II dated 04.06.2020.

The Class-I local supplier/Class-II local supplier at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification (as per format given below on the manufacturers company letter head) that the item required to indicate percentage of the local content requirement for Class-I local supplier/Class-II local supplier as the case may be. They shall also give details of the location(s) at which the local addition is made.

“We _____ (Name of Manufacturer/Supplier) undertake that we meet the mandatory minimum Local Content (LC) requirement i.e. for claiming purchase preference linked with Local Contents under the Govt. policy against under tender no..”

In cases of procurement for a value in excess of Rs.10 crores, the Class-I local supplier/Class-II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

5. False declarations (para 9 (f) & (g) of DPIIT order),

False declarations will be breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which 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.

A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities.

6. Relaxations in Eligibility Criteria (para 10 (a) & (b) of DPIIT) order) No. P-45021/2/2017-B.E.-II dated 04.06.2020.

Bidders under Make in India scheme are exempted to provide any proof of supply in other countries or proof of exports w.r.t. experience and past performance criteria, subject to meeting of quality and technical specifications mentioned in this Tender.

7. Besides above, the bidders have to submit a declaration and undertaking along with their offer as per Declaration & Undertaking by Micro & Small Scale Enterprises / Start-up Companies / Entities seeking purchase preference under Make In India Policy / Women entrepreneurs / Registration with TReDS/GeM [as per Annexure-5].

PROCEDURE TO BE ADOPTED WHEN THE BIDDER QUALIFIES AS BOTH MSE AND CLASS-I LOCAL SUPPLIER

The option in case of bidders qualifying under both Policies, namely, Public Procurement Policy for MSEs Order, 2012 (MSEs-2012) and Public Procurement (Preference to Make in India) Order, 2017 (MII-2017) shall be exercised as under:

1. The bidder can avail only one out of the two applicable purchase preference policies, i.e., MSEs-2012 and MII-2017. Therefore, bidder will be required to furnish the option under which he desires to avail purchase preference. This option must be declared within the offer and in case bidder fails to do so although he is eligible under both the Policies, BRBNMPL shall evaluate his offer considering MSEs-2012 as the default chosen option.
2. In case a bidder opts for preference under MSEs-2012, he shall not be eligible to claim benefit under MII-2017 (irrespective of the fact whether he furnishes the details of local content in his offer and the same meets the stipulated local content criteria).
3. In case a bidder opts for purchase preference based on MII-2017, he shall not be entitled to claim benefit of purchase preference as applicable for MSE bidders under MSEs-2012. However, the exemptions from furnishing Bid security (EMD) shall continue to be available to such a bidder.
4. In view of the above,
 - a. The bidder's quoted prices against various items of enquiry shall remain valid even in case of splitting of quantities of the items, except in case of items where the quantity cannot be split since these are to be awarded in a Lot or as a package or Group.
 - b. While evaluating the bids, for price matching opportunities and distribution of quantities among bidders, the order of precedence shall be as under:
 - MSE bidder (MSEs-2012)
 - Class-I local supplier (MII-2017)
5. In case the bidder has not declared his status as to whether he is an MSE Bidder or Class-I local supplier during bid submission, then he will be considered as non MII-2017 compliant bidder and evaluated accordingly. No further correspondence will be made in this regard.

Examples of Purchase Preference:

- a. Non divisible item

L1 bidder is neither MSE nor Class-I local supplier

L2 bidder is Class-I local supplier (within L1 + 20%)

L3 bidder is MSE bidder (within L1 + 15%)

L3 bidder i.e. MSE bidder shall be given preference to match the L1 price. If L3 bidder matches the L1 price, Order shall be placed on him, otherwise, option for matching the L1 price shall be given to L2 bidder (Class-I local supplier)

b. Divisible item

L1 bidder is neither MSE nor Class-I local supplier

L2 bidder is Class-I local supplier (within L1 + 20%)

L3 bidder is MSE bidder (within L1 + 15%)

MSE bidder shall be given preference to match the L1 price. If L3 bidder matches the L1 price, order shall be placed on him for at least 25% of the tendered quantity. For balance quantity (i.e. 50% of tendered quantity/value), option for matching the L1 price shall be given to L2 bidder (Class-I local supplier). Remaining quantity (25%) shall be awarded to natural lowest bidder. For further clarification, in case an item has quantity 4 nos. then 1 no. (25%) can be given to MSE bidder, 2 nos. (50%) to Class-I local supplier and left out 1 no. to natural L1 bidder.

Note:

The above two examples are not applicable to the Works Contracts since MSEs Order, 2012 is not applicable to works contracts.

- In case lowest bidder is a MSE bidder, the entire work shall be awarded to him without resorting to purchase preference to bidders complying under MII-2017.
- In case lowest bidder is a Class-I local supplier, purchase preference shall be resorted to MSE bidder as per provisions specified in the enquiry document w.r.t. MSEs-2012 only.

F No 6/18/2019-PPD dated 23rd Jul 2020 and its subsequent amendment on restrictions of procurement from countries sharing land border with India

- Any bidder from a country which shares a land border India will be eligible to bid in any procurement whether of goods, services or works only if the bidder is registered with the competent authority.
- Bidder means any person or firm or company, including any member of a consortium or joint venture, every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.
- Bidder from a country which shares a land border with India means,
 - a) An entity incorporated, established or registered in such a country or
 - b) A subsidiary of an entity incorporated, established or registered in such a country or
 - c) An entity substantially controlled through entities incorporated, established or registered in such a country or
 - d) An entity whose beneficial owner is situated in such a country or
 - e) An Indian (or other) agent of such an entity or
 - f) A natural person who is a citizen of such a country or
 - g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- Office memorandum dated 8th Feb 2021 (clarification)
 - a) A bidder is permitted to procure raw material, components, sub-assemblies etc. from the vendors from countries which share a land border with India. Such vendors will not be required to be registered with the competent authority, as it is not regarded as sub-contracting.
 - b) However, in case a bidder has proposed to supply finished goods procured directly/indirectly from the vendors from the countries sharing land border with India such vendor will be required to be registered with the competent authority.

COMPLIANCE STATEMENT FOR Expression of Interest for VARNIKA at BRBNMPL, Mysuru

Against EOI no. 042/MYS/VARNIKA-21/2021-22 dated 26.08.2021

We will supply the material strictly as per specifications and compliance statement given below.

S No	Features	Requirements of BRBNMPL, Terms & Conditions	Whether agreed by the firm (yes/no)	Remarks
1	General specifications	Items should be supplied exactly as per the given specifications mentioned in the EOI and have enclosed catalogue / brochure / compliance to technical specification of the offered item.	Yes Agreed	
2	Quantity	We understand that the requirement of quantity mentioned in the EOI is only indicative and BRBNMPL reserves the right to increase or decrease the quantity depending upon their actual requirement	Yes Agreed	
3	EOI terms & conditions	We have gone through entire EOI and confirm that we don't have counter conditions. We also understand that offer with counter conditions is liable for rejection.	Yes Agreed	
4	No. of pages	Total number of pages in Technical Bid		

We _____ (name of company) confirm that the product offered is as per the specification of BRBNMPL requirement and enclose herewith the catalogue/brochure of the item offered and also we confirm to accept scope of work mentioned above.

Authorized signatory & stamp