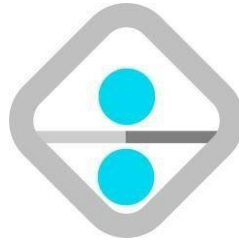


**2 PART TENDER DOCUMENT**  
**(TECHNICAL BID + PRICE BID)**

For Design, Manufacturing, Testing, Supply,  
Installation, Commissioning, Training and  
Performance Testing of  
“Varnish Manufacturing Plant, Automatic  
Process Control and Dosing System &  
Vessel Washing Unit” to be installed at  
BRBNMPL, Mysuru

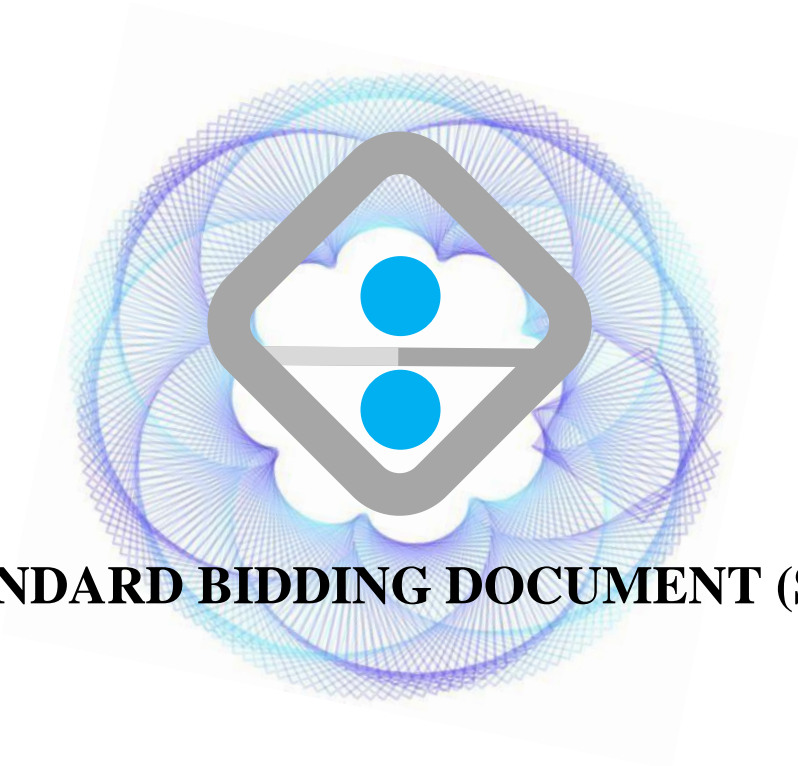
Tender No.GT/VP, APCS & VWU/IFP-MYS/01/2017-18 dated 4<sup>th</sup> August  
2017



Issued by:

**GENERAL MANAGER**  
**BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.**  
(Wholly Owned subsidiary of Reserve Bank of India)  
Note Mudran Nagar, Mysuru – 57 003  
Tel No: +91 - 821 - 2582905  
Fax No: +91 - 821- 2582955  
**EMAIL: [arhegde@brbnmpl.co.in](mailto:arhegde@brbnmpl.co.in)**  
**Website: [www.brbnmpl.co.in](http://www.brbnmpl.co.in)**

This tender document consists of 53 pages including this page. Other sections shall be downloaded from company website.



**STANDARD BIDDING DOCUMENT (SBD)**

**Standard Bidding Document (SBD)**

(Procurement of Goods and Services)

BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.

(Wholly Owned subsidiary of Reserve Bank of India)

Note Mudran Nagar, Mysuru – 57 003

Tel No: +91 - 821 - 2582905

Fax No: +91 - 821- 2582955

EMAIL: [arhegde@brbnmpl.co.in](mailto:arhegde@brbnmpl.co.in)

Website: [www.brbnmpl.co.in](http://www.brbnmpl.co.in)

**Not Transferable**

**GT/ VP, APCS & VWU /IFP-MYS/01/2017-18 dated 4<sup>th</sup> August 2017**

TENDER DOCUMENT FOR PURCHASE OF VARNISH MANUFACTURING PLANT,  
AUTOMATIC PROCESS CONTROL AND DOSING SYSTEM & VESSEL WASHING UNIT  
FOR BANKNOTE PRINTING INK MANUFACTURING UNIT AT BRBNMPL, MYSURU

**Tender No: GT/ VP, APCS & VWU/IFP-MYS/01/2017-18 dated 4<sup>th</sup> August 2017**

This tender document contains 53 pages

The tender document is sold to:

M/s. _____
Address _____

Details of Contact person in BRBNMPL regarding this tender: -

**Name:** A.R. Hegde, **Designation:** Dy. General Manager

**Address:** BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.

(Wholly Owned subsidiary of Reserve Bank of India)

Note Mudran Nagar, Mysuru – 57 003

Tel No: +91 - 821 – 2469039/2469025;

Fax No: +91 - 821- 2582955

Email: [arhegde@brbnmpl.co.in](mailto:arhegde@brbnmpl.co.in)

## Contents

SECTION	DESCRIPTION	REMARKS
<b>I</b>	Notice Inviting Tender (NIT)	AVAILABLE
<b>II</b>	General Instructions to Tenderers (GIT) <b>Part I:</b> General Instructions Applicable to all Types of Tenders <b>Part II:</b> Additional General Instructions Applicable to Specific Types of Tenders	TO BE DOWNLOADED FROM WEBSITE
<b>III</b>	Special Instructions to Tenderers (SIT)	AVAILABLE
<b>IV</b>	General Conditions of Contract (GCC)	TO BE DOWNLOADED FROM WEBSITE
<b>V</b>	Special Conditions of Contract (SCC)	AVAILABLE
<b>VI</b>	List of Requirements	AVAILABLE
<b>VII</b>	Technical Specifications	AVAILABLE
<b>VII</b>	Quality Control Requirements	AVAILABLE
<b>IX</b>	Qualification / Eligibility Criteria	AVAILABLE
<b>X</b>	Tender Form	AVAILABLE
<b>XI</b>	Price Schedule ( <b>Part II – Price Bid</b> )	AVAILABLE
<b>XII</b>	Questionnaire	AVAILABLE
<b>XIII</b>	Bank Guarantee Form for EMD	TO BE DOWNLOADED FROM WEBSITE
<b>XIV</b>	Manufacturer's Authorization Form	
<b>XV</b>	Bank Guarantee Form for Performance Security	
<b>XVI</b>	Contract Form	
<b>XVII</b>	Letter of Authority for attending a Bid Opening	
<b>XVIII</b>	Shipping Arrangements for Liner Cargoes A: In Respect of C&F / CIF / Turnkey / F.O.R. Contracts for Import B: In Respect of F.O.B. / F.A.S Contracts For Imports	
<b>XIX</b>	Proforma of Bills for Payments	
<b>X</b>	Proforma for Pre-contract integrity pact	

**Note:** Bidder has to submit all sections i.e. Section I to Section XX (including those that are to be downloaded from company website), sealed and signed in all pages of the tender document along with their Technical Bid.

## Section I: Notice Inviting Tender (NIT)

BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.  
(Wholly Owned subsidiary of Reserve Bank of India)  
Note Mudran Nagar, Mysuru – 57 003  
Tel No: +91 - 821 – 2582905; Fax No: +91 - 821- 2582955  
EMAIL: [arhegde@brbnmpl.co.in](mailto:arhegde@brbnmpl.co.in)  
Website: [www.brbnmpl.co.in](http://www.brbnmpl.co.in)

**GT/ VP, APCS & VWU /IFP-MYS/01/2017-18**

**dated: 4<sup>th</sup> August 2017**

1. A Global two-part tender is hereby invited from eligible and qualified manufacturers for Design, Manufacturing, Testing, Supply, Installation, Commissioning, Training and Performance Testing of
  - a. Varnish Manufacturing Plant – 01 No.
  - b. Automatic Process Control and Dosing System – 01 No.
  - c. Vessel Washing Unit – 02 Nos.

for Banknote printing ink manufacturing unit at BRBNMPL, Mysuru.

Schedule No. *	Brief Description of Goods / Services	Quantity (with unit)	Earnest Money (in Rs.)	Remarks
1	Varnish Manufacturing Plant	01 no.	23,00,000	
2	Automatic Process Control and Dosing System	01 no.	29,00,000	
3	Vessel Washing Unit	02 nos.	3,80,000	

\*Bidder can quote for one or all schedules as per their expertise.

### **Information related to this tender:**

Type of Tender (Two Bid / PQB / EOI / RC / Development / Indigenization / Disposal of Scrap / Security item etc.	Two part Bid (TECHNICAL + PRICE)
Date of Sale of tender documents	Can be downloaded from our website <a href="http://brbnmpl.co.in">brbnmpl.co.in</a> . Those who wish to buy may do so from our office: From 4 <sup>th</sup> August 2017 to 30 <sup>th</sup> August 2017 during office hours, i.e. 08:15 Hrs to 17.00 Hrs
Price of the Tender Document	Rs. 10000/- (Postal / Courier charges extra, if applicable, as per point 4 to NIT)
Closing date and time for receipt of tenders	14:30 Hrs on <b>6<sup>th</sup> October 2017</b>

Place of receipt of tenders	BRBNMPL, Mysuru
Time and date of opening of Technical tender (Part I)	15:00 Hrs on <b>6<sup>th</sup> October 2017</b>
Place of opening of tenders	BRBNMPL, Mysuru
Nominated Person / Designation to Receive Bulky Tender (Clause 21.1 of GIT)	A.R.Hegde, Dy. General Manager, BRBNMPL, Mysuru

2. Interested tenderers may obtain further information about this requirement from the above office issuing the documents.
3. Tender documents may be purchased on payment of non-refundable fee of 10000/- (Rupees Ten thousand only) per set in the form of account payee demand draft / cashier's cheque / certified cheque, drawn on a scheduled commercial bank in India, in favour of Bharatiya Reserve Bank Note Mudran Private Limited, payable at Mysuru. Tender document can be downloaded from our website. However, Bidder is required to submit the application fee along with the filled in application.
4. If requested, the tender documents will be mailed by registered post / speed post to the domestic tenderers and by international courier to the foreign tenderers, for which extra expenditure (non-refundable) per set will be ₹1000/- for domestic post and ₹5000/- for international courier (DHL Courier service). The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para 3 above.
5. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped in the tender box located at the address given below on or before the closing date and time indicated in the Table above, failing which the tenders will be treated as late and rejected. **Tenderer along with the tender documents shall submit a copy of tender, signed on all pages, as a token of acceptance of all the terms and conditions of the tender.**
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. The tender documents are not transferable.
8. Tenders can be rejected on national security ground.

9. BRBNMPL reserves the right to accept/reject/cancel any or all tender documents without assigning any reason thereof. BRBNMPL also reserves the right to accept the tender in whole or part. Incomplete documents not submitted in accordance with the directions issued shall be liable for rejection. Tenderer shall note that the tender document is kept same for all the schedules for administrative convenience and purchaser reserves the right to proceed with the tendering process independently for each of the schedule.
10. Earnest Money Deposit has to be valid for the validity period of the tender plus additional 45 days as calculated under:

Last date of receipt of tender	<b>6<sup>th</sup> October 2017</b>
Tender validity period	120 days i.e. at least up to <b>3<sup>rd</sup> February 2018</b>
Validity of EMD	at least up to <b>5<sup>th</sup> March 2018</b>

11. Tenderers may note Clause 26 to the General Instruction to Tenderer (GIT), which lists some of the aspects, for which a tender may be declared as unresponsive and ignored, during the initial scrutiny. Those aspects are reproduced below.

- i. The tender is unsigned.
- ii. The Tenderer is not eligible as per qualification criteria
- iii. The tender validity is shorter than the required period.
- iv. Required EMD (validity, amount etc.) has not been provided.
- v. Tenderer has not agreed to give the required performance security.
- vi. The goods quoted are sub-standard, not meeting the required specification etc.
- vii. The Tenderer has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.
- viii. Against a schedule in the List of Requirement (incorporated in the tender enquiry), the Tenderer has not quoted for the entire requirement as specified in that schedule. (Example: In a schedule, it has been stipulated that the Tenderer will supply the equipment, install and commission it and also train purchaser's operators for operating the equipment. The Tenderer has however, quoted only for supply of the equipment).
- ix. The Tenderer has not agreed to some essential condition(s) incorporated in the tender enquiry.

(Example: Some such important essential conditions are terms of payment, liquidated damage clause, warranty clause, dispute resolution mechanism, applicable law and any other important condition having significant bearing on the cost / utility / performance of the required goods, etc.)

12. Bidder/s shall note that common tender is issued for all schedules for administrative convenience. Purchaser reserves the right to go ahead with the schedule-wise tendering process.

### **Guidelines for filling two-part tender**

1. Tender Documents (Part I and Part II) shall be submitted separately.
2. **Part-I:** First sealed cover should contain the required EMD amount, Technical Offer along with the catalogue and brochure of the item along with the following annexures of this tender i.e., Section I to Section X and Section XII to Section XX. All the above mentioned documents should be signed and stamped and to be submitted as Technical Bid as acceptance of the terms and conditions and required formats to be maintained. **Offers with Counter Conditions is liable for Rejections.** This first sealed cover should be clearly superscribed with “Part I - Technical Bid - For Supply of \_\_\_\_\_ as per Section VI: List of requirements”. **Price indication in the Technical Bid will be summarily rejected.**
3. **Part-II:** Second sealed cover should contain only section XI (Price Schedule) (duly sealed and signed). In case the bidder is applying for all the schedules, they shall ensure that price bid of each schedule shall be submitted in a separate sealed envelope. Format provided in the tender document for price schedule should be followed and any other format will be liable for rejection. This second sealed cover should be clearly superscribed with “Part II - Price Bid - For Supply of \_\_\_\_\_ as per Section VI: List of requirements”.

The above mentioned sealed covers (Part I & II) should be put in another big cover, sealed and superscribed as “Offer for Supply of \_\_\_\_\_ as per Section VI: List of requirements” with due date of opening as 14<sup>th</sup> September 2017 and should be addressed to “The General Manager, BRBNMPL, Mysuru”.



**Important Note: Offers submitted not in line with the above guidelines will be liable for rejection.**

For and on behalf of  
Bharatiya Reserve Bank Note Mudran Private Limited,

-sd-

A.R.Hegde,  
Deputy General Manager  
BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.  
(Wholly Owned subsidiary of Reserve Bank of India)  
Note Mudran Nagar, Mysuru – 570 003

### Section III: Special Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify / substitute / supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail. (Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sl. No.	GIT Clause No.	Topic	SIT Provision
1	2	Submission of tenders in Hindi or English	To be submitted in English only.
2	3	Eligible Tenderers	Only Manufacturers of Machineries/systems are eligible to participate in the tender.
3	4	Eligible Goods and Services (Origin of Goods)	Any country is acceptable.
4	8	Pre bid Conference	<p><b>Date:</b> 22<sup>nd</sup> August 2017 <b>Time:</b> 10:00 hrs;  <b>Venue:</b> BRBNMPL, Mysuru</p> <p>Purchaser reserves the right to change the date of pre-bid conference and the information about change if any will be published only in the Company web site. Interested parties are required to provide their query in writing so as to reach us latest by 18<sup>th</sup> August 2017. Queries not given in writing and given after due date may not be considered.</p> <p>Bidders (if desired) can visit Manufacturing site for better understanding of the Purchaser's requirement.</p> <p>Purchaser reserves the right to make necessary amendments at his sole discretion to the tender document, post pre-bid meeting and any such amendment will be uploaded only in the website.</p>

Sl. No.	GIT Clause No.	Topic	SIT Provision
5	9	Time Limit for receiving request for clarification of Tender Documents	A Tenderer requiring any clarification or elucidation on any issue of the tender document may take up the same with BRBNMPL in writing or by fax, e-mail. BRBNMPL will respond in writing to such request provided the same is received by BRBNMPL not later than <b>10 days</b> prior to the prescribed last date of submission of tender. If desired, the intending bidders may visit BRBNMPL on prior appointment and interact with the technical team to understand the actual requirements before submission of offer. Details of contact persons are mentioned in NIT.
6	11.1 & 11.2	Tender Currency	Bidders to quote the price preferably in Indian Rupees (INR). In case if the bidder quotes in other currency, such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the B.C. selling exchange rates established by the State Bank of India for similar transactions, as on the date of tender opening for L1 determination. In case of any bank holiday, the previous working day's closing price will be considered.
7.	13	Indian Agents	The bidder firm shall not employ any agents.
8	12.10	VAT	Wherever applicable, the bidder shall quote the exact percentage for Mysore (Karnataka) as applicable
9	12.11	Applicability of Octroi and Local taxes	No change.
10	14	PVC Clause & Formula	No change
11	15	Alternative Tenders	Not Applicable
12	18.5	EMD Validity	<ul style="list-style-type: none"> <li>• Shall be valid at least up to 26<sup>th</sup> February 2018</li> <li>• Shall be preferably in Indian Rupees</li> </ul>
13	19	Tender Validity	120 days (minimum up to 12 <sup>th</sup> January 2018)
14	19.2	Tender Validity	In case if any of the bidder is not agreeable for extension of tender validity as mentioned in the clause, then purchaser at its discretion may ask all the bidders to submit revised price bid.
15	20.4	Number of Copies of Tenders to be submitted	Single Copy only

Sl. No.	GIT Clause No.	Topic	SIT Provision
16	20.8	Signing and sealing of tender	No Change
17	20.9	E-Procurement	Not applicable
18	34	Comparison on CIF destination basis	L1 determination will be done schedule-wise. The bidders must note that comparison of price will be on Total price on CIF Basis including Installation, Commissioning, Performance Testing & Training Charges. In the case of comparison between Indian and Foreign supplier's comparison matrix is explained in price Schedule. ** Purchase Preference for Indian Suppliers is given below:
19	35.2	Additional Factors for Evaluation of Offers	Not applicable
20	35.3	Price preference to SSI	Not applicable
21	43	Parallel Contracts	Not applicable
22	50.1, 50.3	Tender For rate Contracts	Not applicable
23	51.1, 51.2	PQB Tenders	Not applicable
24	52.1, 52.3, 52.5	Tenders involving Purchaser's and Pre-Production Samples	Not applicable
25	53.4, 53.5, 53.7	EOI Tenders	Not applicable
26	54, 54.3.1, 54.5.2	Tenders for Disposal of Scrap	Not applicable
27	55.2, 55.3, 55.7, 55.8	Development / Indigenization Tenders	Not applicable

The provisions of the Public Procurement (Preference to Make in India) Order 2017 dated June 15, 2017 (and subsequent amendments, if any) by Department of Industrial Policy and Promotion, GoI shall apply to this tender to the extent feasible.

**PURCHASE PREFERENCE TO LOCAL SUPPLIERS:** In accordance to Public Procurement (Preference to Make in India), Order 2017 of GOI dated 15<sup>th</sup> June 2017:

1. Among all qualified bids, if the lowest bid (L1) is from the local supplier, contract will be awarded to the L1 bidder.

2. If L1 is not from a local supplier, the Lowest bidder among the lowest local supplier (whose quoted price should not be 20% higher than the discovered L1 price), will be invited to match the L1 price and the contract shall be awarded to such local supplier subject to matching the L1 price.
3. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid (whose quoted price should not be 20% higher than the discovered L1 price) shall be invited to match the L1 price and so on and contract will be awarded accordingly. In case none of the Local supplier matches the L1 price, the contract shall be awarded to the L1 Bidder.

**“Local supplier”** means a supplier whose product offered for procurement meets the minimum local content prescribed below.

**“Local Content”** means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including customs duties) as a proportion of the total value, in percent. The Minimum local content shall be 50%. The local supplier will be required to provide a certificate from the statutory auditor or cost auditor of the company giving the percentage of local content.

The Onus is on the local supplier to prove the local content and the verification of local content will be by the nominated committee of the Purchaser as per the Clause 9 of Public Procurement (Preference to Make in India) Order 2017 dated June 15, 2017.

## Section V: Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify / substitute / supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GGC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

S. No	GCC Clause No.	Topic	SCC Provision
1.	8.2	Packing and Marking	No change
2.	9.1	Inspection and Quality Control	Cost involved in the Inspection of Goods will be borne by the supplier. However cost of Travel, Halting of the inspector will be borne by the Purchaser
3.	9.3	Inspection and quality control	In case of rejection during pre-shipment inspection, an additional 90 days shall be provided for re-inspection without prejudice to the contract obligations and LD
4	11.2	Transportation of Domestic Goods	No change
5	12.2	Insurance	No change
6	14.1	Incidental Services	No change
7	15	Distribution of Dispatch Documents for clearance / Receipt of Goods	No change
8	16.2, 16.4	Warrantee Clause	No change
9	19.3	Option Clause	Not Applicable
10	20.1	Price Adjustment Clause	No Change
11	21.2	Taxes and Duties	Customs duties shall be paid by purchaser. All statutory taxes shall be deducted from the payments of the supplier/contractor on installation, erection, commissioning, testing, training, etc. as applicable under Indian Tax Laws.

<b>S. No</b>	<b>GCC Clause No.</b>	<b>Topic</b>	<b>SCC Provision</b>
12	22, 22.1, 22.2, 22.3, 22.4, 22.6, 22.8	Terms and Mode of Payments	<p>Clause 22.1 – Not applicable</p> <p>Clause 22.2 – Not applicable</p> <p>Clause 22.2.1 – Not applicable</p> <p>Clause 22.2.2 – Not applicable</p> <p>Clause 22.2.3 (a) – Not applicable</p> <p>Clause 22.2.3 (b) – No change</p> <p>Clause 22.3 (a) Not applicable</p> <p>Clause 22.3 (b) 80% of the equipment price (on CIF basis) shall be paid through irrevocable Letter of Credit against shipment of material and submission of shipping documents. 20% of the balance amount shall be paid through Telegraphic Transfer after successful installation, commissioning, training and performance testing, completion of FAT and issue of FAC. Full payment pertaining to installation, commissioning, testing, training and performance testing shall be paid through Telegraphic Transfer after completion of FAT and issue of FAC subject to statutory deductions. There is no change in remaining clause.</p> <p>Clause 22.4 – No change</p> <p>Clause 22.6 – No change</p> <p>Clause 22.8 – Pre-shipment inspection certificate or Waiver Certificate</p>
13	24.1	Quantum of LD	No change
14	25.1	Bank Guarantee and Insurance for Material loaned to Contractor	No change
15	30.1	Governing Language	English only
16	33.1	Resolution of Disputes	No change
17	36, 36.3.2, 36.3.9	Disposal / Sale of Scrap by Tender	Not applicable

## Section VI: List of Requirements

Schedule No.*	Brief Description of Goods / Services	Quantity (with unit)	Earnest Money (in Rs.)	Remarks
1	Varnish Manufacturing Plant	01 no.	23,00,000	
2	Automatic Process Control and Dosing System	01 no.	29,00,000	
3	Vessel Washing Unit	02 nos.	3,80,000	

\*Bidder can quote for one or all schedules as per their expertise.

**Required Delivery Schedule:** Dispatch (FOB basis) of Schedule 1, to be completed within the specified delivery period of 9 months from the date of issue of Letter of Intent (LOI) and Dispatch (FOB basis) of Schedule 2 & Schedule 3 to be completed within the specified delivery period of 6 months from the date of issue of Letter of Intent (LOI). Installation, testing and commissioning for each machine shall start within 30 days on receipt of the machine/s at Stores of respective location. Each machine shall be installed, tested and commissioned and final acceptance test to be carried out including issue of Final Acceptance Certificate by respective presses, within 30 days from date of receipt of item at BRBNMPL, Mysuru.

**Destination Port:** Chennai Seaport or Bengaluru Airport or FOR BRBNMPL, Mysore

**Scope of Supply:** Scope of Supply shall include besides the equipment offered & installation and commissioning, all the incidental services/accessories, considered necessary for supply installation and commissioning **and the Price quoted in price Bid for the equipment should be inclusive of such services /accessories. Cost break-up showing costs of all these incidental services / accessories included in the scope of supply must be indicated in the Financial Bid in Section XI: Price Schedule. No price details should be given or hinted here at Part-I (Technical Bid).** Accordingly mention here such services / accessories included in the scope of supply:

- a. Training - mention scope and extent.
- b. Any other incidental service (and their scope and extent)
- c. Additional software and/or accessories etc.



## Section VII: Technical Specifications

Bharatiya Reserve Bank Note Mudran Pvt. Ltd., (BRBNMPL) a wholly owned subsidiary of Reserve Bank of India (RBI) intends to procure

1. Varnish Manufacturing Plant – 01 no.
2. Automatic Process Control and Dosing System – 01 no.
3. Vessel Washing Unit – 02 nos.

for its ink manufacturing unit at BRBNMPL, Mysuru as per the details given below. Bidders, wherever required, shall quote for the machinery along with PLC controls and graphic display. Bidder shall note that all the electrical systems/equipment shall conform to IEC 60204.1.

Bidder shall compulsorily submit Clause-wise compliance for the Technical Specification for each of the schedule they intend to participate. In case of deviations, they are required to provide the deviation list with appropriate remarks/justifications. Purchaser reserves the rights to accept or reject the deviations if any., at their sole discretion. Bidder shall ensure, wherever possible/feasible use local content (Indian) for fabricating, installing and commissioning the above equipment.

### SCHEDULE 1

#### Technical specifications for Varnish Manufacturing Plant:

1. The ink manufacturing facility requires a varnish manufacturing plant to supply 100% of the intaglio varnish requirement and to have potential for manufacturing offset & numbering varnish. It is envisaged that the varnish manufacturing facility will be located in an outdoor environment.
2. Varnish manufacturing Plant shall comprise of the following major components:
  - a) 4 level gantry assembly with access to all levels by elevator (materials, equipment & personnel), hoist (materials & equipment) and stairway (personnel)
  - b) 2 x stainless steel, jacketed, 5500 Ltr **varnish reactor vessels**
  - c) 4 x Stainless Steel jacketed 7500 Ltr **varnish storage tanks**
  - d) Nitrogen blanket facility for reaction vessels and varnish storage tanks (Nitrogen supply will be under Purchaser's scope)
  - e) 2 x **heating and cooling units** for heating/cooling the varnish vessels and storage tanks if/when required
3. The varnish vessels should be mounted on suitable load cells to facilitate easy and accurate dosing of materials. The storage tanks should be equipped with accurate level

indication devices and/or mounted on load cells to determine the quantity of varnish they contain.

4. The varnish reaction vessels shall be mounted in such a way to facilitate easy loading and dosing of raw materials from Level 4 of the gantry. Raw materials shall be dosed manually via manual loading ports/hoppers or potentially pumped from ground level in the case of liquids. The bidder shall quote for all such provisions in the bid.
5. Level 3 is planned for access to the lower part of the vessels for sample collection, service etc. Level 3 should also have sufficient space to accommodate ancillary equipment such as pumps, filters, cleaning solvent tanks nitrogen system etc.,
6. Level 2 shall have access to facilitate manual draining of the tanks into drums or International Bulk Containers (IBC's) if/when required. Level 2 shall also have sufficient space for siting further storage tanks here if needed in the future.
7. Level 1 shall be the primary site for storage tanks into which finished product will be transferred and stored. It is intended that the varnish will be dosed directly from these tanks into vessels for ink batch production.
8. Ground level shall be used for siting heating and cooling equipment for the vessels/tanks as well as storage and siting of any other ancillary equipment or materials.
9. As this plant is intended to be sited outdoors, suitable weather protection should be provided to ensure that typical weather conditions for the region do not hinder production operations.
10. Varnish vessels shall be suitable for processing various materials such as oils, solvents, resins (solids) and additives.
11. Reactor vessels should be placed in such a way that it can be charged with these materials at various phases during the process by raising the materials to level 4 using the elevator or hoist and manually dosing and/or by pumping from ground level in the case of liquids.
12. While the formulation management and dosing system to manage the weighing/dosing operations is not in the scope of this tender, Varnish plant shall have provisions for automatic dosing arrangements.
13. Varnish manufacturing plant shall have provisions for monitoring and control of process temperatures and parameters.
14. Varnish manufacturing plant shall be designed to ensure constant monitoring, sampling and testing to ensure that the reaction is remaining within the specified parameters.

Maximum possible automation shall be included for process control. Bidder shall indicate all such automation possibilities in the tender submission.

15. Varnish manufacturing plant shall be having provision such a way that once the varnish batch is completed, the varnish can be transferred from the vessel to one of the storage tanks on level one, ready for use in production.
16. Varnish manufacturing plant shall be equipped with suitable controls to ensure that the following checks are carried out before the varnish is transferred:
  - a) The varnish batch has passed all Quality Control tests
  - b) The varnish is being transferred to the correct tank
  - c) There is sufficient space in the tank for the batch

(In case dispensing of varnish is not possible due to not having enough storage space or for any other reason, there should be a provision that the batch can be manually dispensed directly from the vessel into drums and/or Intermediate Bulk Container (IBC) at level 2.
17. Bidder shall ensure that energy efficient modules and equipment are used in the offered system.
18. Bidder shall include suitable user-friendly Supervisory Control and Data Acquisition (SCADA) applicable for the offered system. Exact SCADA design requirement will be discussed with the successful bidder.

**Reactor Vessels:**

1. The two reactor vessels of 5500 Liters shall be situated at the top of the plant on level 4.
2. Reactor vessels should be made of Stainless Steel (Type **316 L**) Jacketed reaction vessel with provisions of agitation suitable for varnish manufacture.
3. Reactor vessels shall have the heating/cooling jacket
4. Heating/Cooling Jacket shall be divided into three sections to enable manufacturing lower quantities than the full capacity of the vessel.
5. Heating/cooling shall be by hot/cold oil which is pumped through the jacket.
6. The agitator should be of the ‘anchor’ type or equivalent design to ensure full batch homogenization to avoid solids or agglomerations of material occur at the bottom or around the edges of the vessel.
7. The agitator should have a ‘footstep’ or equivalent bearing to ensure that it does not contact the sides of the vessel when under load.
8. The vessels should have the facility to measure/monitor product temperature near the top and bottom of the working area. There should also be facility for nitrogen feed to prevent oxidization of the product during the process.

9. Reactor vessel should have sampling port near the bottom of the vessel to collect material samples for testing at various stages during the process.
10. Temperature of 250 Deg C should be achievable in the reactor vessels.
11. Pressure of 1.0 Bar should be achievable in the reactor vessels.
12. At the top side, Reactor vessels shall have suitable manual hopper for solids and 2"X 2" flanged inlets for liquids.
13. At the bottom, Reactor vessels shall have flanged outlets larger than 2" (preferably between 3" to 4") to have optimal flow rate from vessel to tank.
14. Reactor Jacket shall have Limpet coil type and shall be suitable for oil heating/cooling. The Jackets and limpit coils should be able to withstand temperature and pressure of heating/cooling oil which could go up to temperature of 360 Deg C and pressure of 8 Bar.
15. Reactor vessel shall be equipped with suitable agitator with required power rating that commensurate with the vessel capacity.
16. Agitator shall have variable speed up to 50 rpm.
17. All contact parts of agitator (shaft/paddle etc.) shall be made of 316 stainless steel.
18. Agitator shall be of anchor type or equivalent to ensure full homogenization.
19. Agitator shall have suitable foot step bearing and baffles.
20. Reactor vessels shall have viewing port with light at the top.
21. Reactor vessels shall be equipped with Suitable condenser, Pressure relief valves, Sampling outlet (near bottom).
22. Reactor vessels shall have facility for Nitrogen blanket
23. Reactor vessels shall have facility for temperature monitoring at top and bottom.
24. Reactor vessels shall have suitable baffles inside the reactor vessels to assist homogenization and to protect the temperature probes and nitrogen feed from damage during processing.

**Storage Tanks:**

1. The storage tanks sited on level one are holding tanks for finished product before being used in ink batches.
2. The type of tank shall be Cylindrical jacketed storage tank suitable for varnish storage.
3. Storage tank shall be made of 316 L type stainless steel.
4. Capacity of storage tank shall be 7500 Liters.
5. The tanks shall be jacketed so that they can be heated if required to assist flow of viscous varnishes. They should also have facilities to apply a nitrogen blanket to prevent

oxidization of product. Storage tank shall have suitable provision for determining the quantity of product in the tank.

6. Temperature of 100 Deg C should be achievable in the storage tank.
7. Pressure of 0.5 Bar should be achievable in the storage tank.
8. At the top side, Storage tanks shall have suitable flanged inlets larger than 2" (preferably between 3" to 4" (shall be compatible to the output flange of Vessels).
9. At the bottom, Storage Tanks shall have 2" X 2" flanged outlets.
10. Storage tank shall have level indication and temperature indication.
11. Storage tank shall have facility for Nitrogen blanket.
12. Storage tank shall be fitted with Pressure relief valve.

**Heating/Cooling Temperature Control Units:**

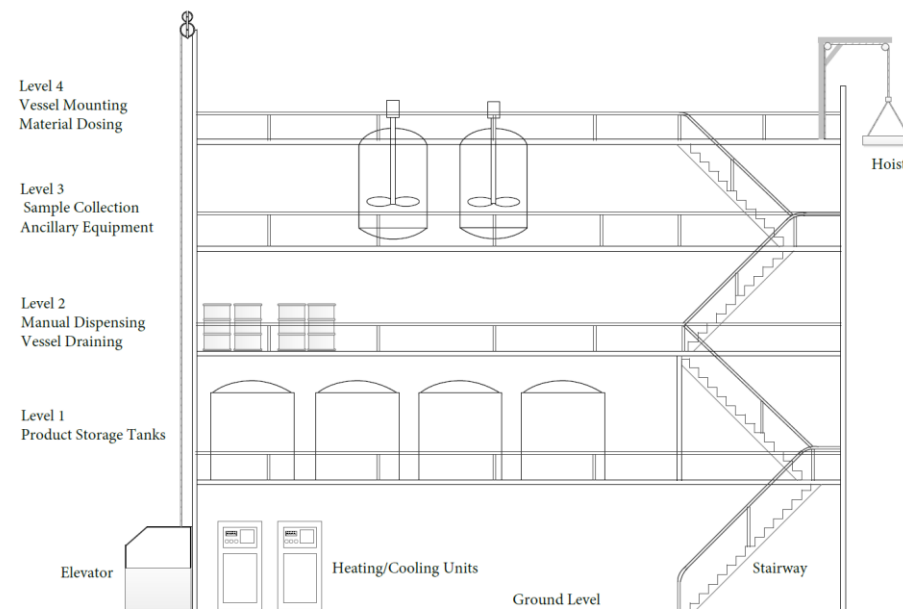
1. Heating and cooling to the reactor vessels and tanks shall be provided by an electronically controlled oil heater/cooler that has a closed oil circuit.
2. Heating/Cooling Temperature Control Units should be programmable and/or have a suitable digital interface (RS-485/RS-282) linking to a processor that has the capability to control these parameters.
3. The unit should be suitable for siting in an outdoor environment or for installation in a suitable housing.
4. Heating/Cooling unit shall be suitable for oil medium.
5. Unit shall be suitable for controlling temperature up to 300 Deg C.

**Gantry:**

1. The 4 level gantry unit must be robust, weatherproof and capable of handling in excess of the max gross weight that will be imposed upon it and the max weights for each level.
2. An electrically operated elevator should be installed to transport materials, equipment and personnel to all four levels.
3. Gantry should have an electrically operated hoist as a back-up to the elevator for transporting materials to the upper level and a suitable stairway for personnel access and emergency escape.
4. Safe working at height should be a major consideration for the structure and this should be taken into account during all stages of design, manufacture and installation.
5. Design and construction of this kind of gantry is very specialized and a suitable structural engineer will need to be appointed to ensure that the structure and footings are suitable for the intended use.
6. Gantry shall be of Galvanized Steel Frame & Grated flooring.

7. Indicative Level Height with max. weight bearing capacity is as below:
  - a. Level Four 25MT/10M
  - b. Level Three 10MT/7M
  - c. Level Two 10MT/5M
  - d. Level One 55MT/2.5M
8. Elevators shall have access to all floors. Elevators must be designed to facilitate carrying of pallets, drums, IBC's etc. and shall be suitable for carrying personnel. Elevator shall be suitable to carry a gross weight of 4 X 1 MT Pallets.
9. Hoist shall be suitable for Safe Working Load (SWL) of 2 MT and shall be suitable for lifting pallets/materials to fourth level.
10. Stairway of the gantry shall meet all safety requirements including emergency exit.
11. Complete Safety provisions shall be ensured during all phases of design and construction of Gantry.
12. System shall include 2 Nos. of Self-cleaning strainers, Nitrogen feed facility, Product & material pumps, Associated pipework, Solvent flush storage tank
13. Bidder while designing shall consider safe working height and appropriate Personal protection equipment (PPE) to ensure that installation and commissioning and working of the plant is completely safe.

**Layout for Proposed Varnish Plant:**



**Note:** Above plan is given only to indicate the requirement. Bidders (if desired) can visit Mysuru site for better understanding of Purchaser's requirement.

## SCHEDULE 2

### **Technical specifications for Automatic Process Control and Dosing System:**

BRBNMPL is intending to procure recipe Controlled Production Management System for its Banknote Ink Production Facility that is being set up at Mysuru Press.

The broad description of the system envisaged is as below:

- a) One station consisting of platform scale used to dose the varnish and calcium carbonate. These items are to be dosed purely on “weigh by addition” using the platform scale and auto controlled valves.
- b) One Station consisting of “weigh by loss” or liquid dosing systems to add waxes, driers, other additives.
- c) Two stations for dosing of pigments from 12 access controlled pigment hoppers (2 units of 6 hoppers each).
- d) The vessels would be moved manually between stations as directed by the displays.

Items that (relevant to this tender) will be under the scope of the bidder and under the scope of the purchaser is given below:

<b>Bidder’s Scope</b>	<b>Purchaser’s Scope</b>
Automatic process control units, Server (Data & process control), Terminals, Dosing Systems , Scales, SCADA, Access controlled hoppers for pigments, Bulk Bag handling unit (capacity of 1 Tonne), various valves and pipe lines, Traceability systems	Moving Vessels, Access to storage tanks of other components such as varnish, driers, waxes, other additives, Infrastructure requirements

1. The requirement is for a system to store and manage recipe and ink formulations for banknote printing inks and to drive an auto-dosing/weighing system that can accurately dispense raw materials as per formulation.
2. The system should be driven by a server based platform driving PLC’s which control the dosing through actuated valves, screw-feeders, dosing pumps etc. using volumetric and gravimetric techniques to achieve the required accuracy.
3. The system should also be able to dispense all relevant forms of material as specified including liquids, powders and waxy pastes. The dosing and weighing operations will be based around a freestanding mezzanine floor with the basic principle being that dispensing hoppers, drums, IBC’s etc. are sited on the upper level and the receiving vessels are sited at ground level.

4. There are bulk varnish tanks situated outside the production area which will be used in all ink batches and will also need to be auto-dosed.
5. The vessels should have suitable traceability throughout the process to prevent against incorrect materials being dosed or stages of the process being omitted.
6. The successful bidder will be responsible for design, supply, installation and commissioning of the entire system (with the exception of bulk varnish storage tanks) and provide full training to BRBNMPL personnel.
7. System shall include suitable visual monitor presentation, audible/visual alerts etc. and exact requirement will be discussed with the successful bidder.
8. Bidder shall ensure that energy efficient modules and equipment are used in the offered system.
9. Bidder shall ensure that the system is designed in such a way that in case of failure in automation, system should have fallback arrangement for switching to manual operation until the automation is restored.
10. Bidder shall include suitable user-friendly SCADA applicable for the offered system. Exact SCADA design requirement will be discussed with the successful bidder.

#### **11. General Requirements for Data Storage:**

##### **Ink/Intermediate Formulations**

- 10000+ formulations
- Up to 20 lines per formulation
- Up to 1000 materials/intermediates
- 10 alphanumeric characters per product “reference code” field
- 10 numeric characters per product master “standard batch” field
- 10 numeric characters per product auto-generated incremental “batch no.” field
- 50 alphanumeric characters per product “description” field
- 400 alphanumeric characters per product “notes” field
- Capacity for extra data fields as will be required

##### **Raw Materials:**

- 1000+ materials
- Numeric “density” field to 2 decimal places (e.g. 1.02)
- 10 alphanumeric characters per product “reference code” field
- 50 alphanumeric characters per product “description” field



- 400 alphanumeric characters per product “notes” field
- Associated lot number database providing a “batch no” field
- Capacity for extra data fields as will be required

## 12. Computer Specifications:

### Data Server

- **Capacity:** Sufficient for 10 years’ storage of formulations, batch reports and operational data - 1TB minimum with RAID backup.
- **Software:** SQL Database
- **CPU:** Multicore

### Process Control Server

- Remotely programmable
- 10 Year capacity - 1TB with RAID backup.
- Real time processing capability

### Terminals

- Production Office
- QC Lab
- Bulk Material Weighing (IP65)
- Pigment Dosing (IP65)
- Mezzanine Floor (IP65)
- Pre-Mix Room (IP65)
- Post Mix/Addition Room (IP65)
- Small Batch Department (IP65)
- Provision should be made to install further terminals as and when required.

The bidder is required to provide a suitable system to meet the above requirement as per the system offered by them.

## 13. Auto-dosing System:

### Products to be Auto-dosed:

Type	No.	State	Dosing method	Min Wt	Max Wt	Accuracy
Varnish	4	Viscous Liquid	Volumetric/Gravimetric	50Kg	500Kg	+/- 0.1%
Extender	1	Powder	Gravimetric	50Kg	350Kg	+/- 0.1%
Pigment	12	Powder	Gravimetric	2Kg	150Kg	+/- 0.1%
Wax	2	Waxy Viscous Paste	Gravimetric	1Kg	50Kg	+/- 0.1%
Diluent	3	Liquid	Volumetric	0.5Kg	50Kg	+/- 0.1%
Driers	1	Liquid	Volumetric	25g	5Kg	+/- 0.1%
<b>Capacity needs to be provided to expand this range as and when necessary</b>						

- a. There are two vessel sizes to be used with this system 270Ltr (approx. 230Kg net) and 700Ltr (approx. 500Kg net). Minimum batch size is expected to be 100Kg and maximum 500Kg.
- b. Automatic process control system shall be designed such a way that a 500Kg batch should take no longer than 15 minutes from initiation to the end of the auto weighing process.
- c. All formulations shall be stored as 100% formulas and shall be calculated as Kg/grms.
- d. Densities of all materials will be given and should be used to convert liquid dosing from weight where appropriate.
- e. Pigment dispensing systems should be designed in such a manner that no cross contamination between pigments can occur.
- f. It is envisaged that the final solution will consist of multiple dosing methods and weighing stations.
- g. The dosing equipment (load cells, pumps etc.) should be able to withstand the environment in which it is situated, especially on the mezzanine floor structure which may be subjected to physical disturbances when mid-dosing. This should be accounted for in both hardware & software.
- h. All equipment and materials must be suitable for the operating environment and IP65 rated equipment used in all production areas.
- i. The system must be robust, functional, reliable and suitable procedures put in place to maintain production in the case of any anticipated failure.
- j. Each production dosing station should have a sunken floor platform scale installed which is integral to the system. This is for check weighing, manual dosing and as a back-up in case of manual equipment failure. These scales should be integral to the system, fully robust, 316 stainless steel & IP65 construction. Capacity >1000 Kg, accuracy 1%, readability 10g, Platform size min 1200 x 1200mm

#### **14. Raw Material Charging/Loading**

- a. **Varnish:** will be supplied from bulk tanks located outside the building.
- b. **Extender:** Bidder has to supply flexible intermediate bulk container discharge systems under this scope of supply. Extender will be supplied from this Dual bulk 1Tonne bags on mezzanine floor. The system should be able to seamlessly switch to new bag when one become empty, part way through weighing. Provisions should be in place to prevent clogging or bridging.

- i. These bulk container discharge systems shall be ergonomically designed to provide safe and efficient handling so as to reduce dust emissions.
  - ii. Handling unit shall include suitable technique for allowing loading of bags directly from Fork lifts or from pallets with electrically powered hoists.
  - iii. Shall have suitable bag tensioning devices to avoid blockages at outlet.
  - iv. Shall have systems for closing the bag to protect the contents of the bag from the atmosphere.
  - v. Shall have suitable system for dust extraction.
  - vi. Shall be equipped with suitable load cell or weighing systems.
  - vii. Shall have integral electric hoists
  - viii. Shall be equipped with suitable vibrators and massagers.
- c. **Pigment:** Bidder has to provide access controlled hoppers as per the details mentioned in the above table. Pigments will be stored in this array of access controlled hoppers on mezzanine floor that unlock only when the materials barcode is scanned and the system confirms that it is the correct material for that hopper before manual filling. Hoppers should be able to hold at least up to 200 Kg of 1.5g/cc density powder. Provisions should be in place to prevent clogging or bridging.
- d. **Wax:** This material is an intermediate product and it is envisaged that it will be packaged into 200Ltr open top steel drums. The bidder shall provide a drum press-out system with a valve or any other system that is suitable to dispense this material. Samples of this material can be provided on request to the successful bidder.
- e. **Driers:** These liquids will be supplied in closed top 200Ltr drums or IBC's and stored.
- f. **Diluents** on the mezzanine floor. The bidder shall provide suitable dosing and control system. It is envisaged that these will be dosed as a liquid measure and converted from Kg/grms by calculation using the density figure. Measures must be taken (such as a header tank system) to ensure that when a drum/IBC is empty midway through dosing that there is no interruption to the weighing and no inaccuracies can occur.

All aspects of the system must be designed to ensure that the system can determine that there is enough stock of each material available in the hoppers/tanks before each batch weighing commences.

### **15. Manual Weighing:**

Provision should be made for smaller batch sizes (<100Kg) and occasional components added to larger auto-weighed batches to be weighed manually. The system should be connected to smaller

platform or bench type scales and should prompt for the material required with appropriate warnings as the target weight of each component is approached and met.

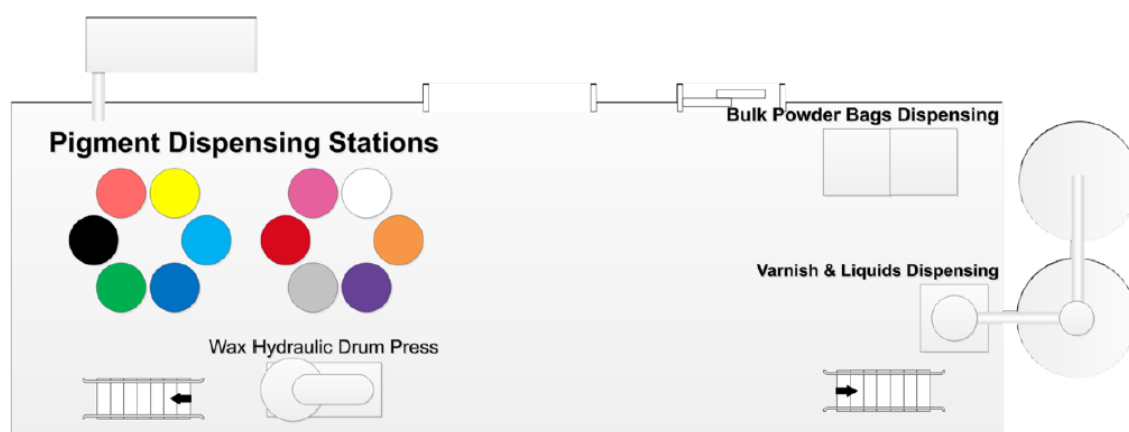
#### 16. Additions:

If an addition to a batch is needed to correct colour or other parameter as instructed by the QC lab, the QC lab should have facility to instruct the addition to the system and the required addition will then be communicated to the relevant scale or weighing device. Records of additions should be made available so in the case of a formula requiring the same addition from batch to batch, the formula can be modified appropriately.

#### 17. Transaction Management:

As this system is expected to be highly automated, bidder shall also include online measurement of Transaction management system including performance efficiency of the equipment.

#### Proposed Plan for Automatic Process Control system:



**Note:** Above plan is given only to indicate the requirement. Bidders (if desired) can visit Mysuru site for better understanding of Purchaser's requirement.

## **SCHEDULE 3**

### **Technical specifications for Vessel Washing Unit**

BRBNMPL is intending to procure Vessel Washing Unit for cleaning of ink vessels for its Banknote Ink Production Facility that is being set up at Mysuru facilities.

1. Vessel Washing Unit offered shall be suitable for cleaning the ink vessels whose specifications are given below:
  - a. Ink vessels of capacity of 700 Liters, 270 Liters and 50 Liters.
  - b. Ink Vessels made of Mild steel & cylindrical in shape
  - c. Ink vessels having eccentric discharge pipe, flush to base of vessel 2.5", 2" and 1.5"
  - d. Ink Vessel having 2.5", 2" & 1.5" stainless steel Ball valves with attachable flange
  - e. Ink vessels having valve retaining clip for fixing feeder valve.
  - f. Ink vessels having 2 Fixed wheels and 2 castoring wheels.
2. Vessel Washing unit shall be of reliable and proven design.
3. Vessel Washing Unit shall have provision for fixation of the vessel by the lock-up cover and vessel clamping device.
4. It shall have suitable cleaning and spray nozzle mechanism to ensure thorough cleaning of inks remaining in the vessel.
5. It shall be equipped with suitable brush qualities and shape suitable for the vessel configuration explained above and it shall be suitable for thorough cleaning of Banknote printing inks.
6. It shall be suitable for cleaning with different solvents.
7. Shall be equipped with suitable Lock-up cover with controlled valve for connection to exhaust system to remove vapour fumes.
8. Shall have facility for recycling of cleaning agents with suitable solvent reclamation technique.
9. Shall have suitable drainage system compatible to the outlet valve of the vessel to ensure complete draining of the vessel after completion of cleaning.
10. It shall have suitable lifting/lowering stroke to ensure smooth movement of moving vessels into and out of cleaning unit.

**Other important points Common for all schedules:**

1) **Training:** At the discretion of purchaser, the bidder shall provide

**For Schedule 1 & 2:** One-week training for our 03 operational personnel and 01 maintenance personnel at their premises and also one-week training during the installation and commissioning of the entire system at our premises.

**For Schedule 3:** 3 days training at during the installation and commissioning of the entire system at our premises.

Facilities at BRBNMPL training Centre could also be utilized for this purpose. Cost of training at the bidder's premises will be a scope of the bidder and BRBNMPL shall bear cost of travel, boarding and lodging costs incurred in connection with the training.

2) **Pre-shipment Inspection Authority:** At BRBNMPL's discretion, a team of BRBNMPL officers may conduct pre-shipment inspection of the machine/s at the designated premises of the successful bidder or issue inspection waiver certificate at its discretion. The bidder shall confirm its readiness to operate the system for such inspection and BRBNMPL if desires to inspect, shall dispatch the inspection team to manufacturer's site within thirty (30) days of receipt of such confirmation or intimate the waiver. BRBNMPL shall bear cost of travel for boarding and lodging costs incurred in connection with the pre-shipment inspection. Bidder shall make necessary arrangements for the local transport during the visit of the team to bidder premises. During pre-shipment inspection, all the technical documents are to be produced for clearance and acceptance by the BRBNMPL's inspection team. The norms to be followed during pre-shipment inspection will be finalized with the consultation of the bidder, which is to be followed scrupulously at the time of Pre-shipment inspection.

**Important Note:** Successful bidder shall demonstrate and achieve the performance guarantee values with regard to output and quality of the intermediate and finished products as shown in the FAT condition. The performance of the system as a whole on an integrated basis shall be demonstrated in a test run. Successful bidder shall supervise and direct the operation during the performance test, and shall take full responsibility in this regard. During the performance test BRBNMPL shall provide necessary operating and maintenance personnel. Successful bidder shall provide and install all measuring instruments required for testing the guaranteed performance, which are not included among the permanent measuring instruments of the units. Subject to the provisions in the contract, if during the test period an interruption or reduced performances should occur due to any reason solely attributable to BRBNMPL, the test periods

will be extended accordingly at the discretion of BRBNMPL. Such time of interruptions for reduced performance and the production achieved during this period shall be discarded in evaluating the test. If for reasons for which the bidder is responsible, the performance values cannot be achieved in whole or in part during the performance guarantee tests, successful bidder shall repeat the test in whole in order to demonstrate the performance values which are not reached. Before repeating the tests, bidder shall take all measures as may be needed in order that the performance values can be achieved at their cost. If even with two repetitive tests the performance values have not reached for reasons within successful bidder's responsibility, successful bidder shall undertake at its own cost such modifications or replacements as considered necessary to obtain the performance guarantee values and the responsibility to demonstrate the successful performance guarantee values shall always rest with the successful bidder till so established. If even after four repetitive attempts of rectification one or several of the essential performance values cannot be achieved, in the opinion of BRBNMPL, then this will be treated as a breach of agreement by successful bidder and BRBNMPL will be at liberty to decide the future course of action as BRBNMPL deemed fit.

**Note:** Tenderer's attention is drawn to GIT clause 17 and GIT sub-clause 10.1.

The Tenderer is to provide the required details, information, confirmations, etc accordingly, failing which its tender is liable to be ignored.

## **Section VIII: Quality Control Requirements**

### **FAT (Final Acceptance Test) and FAC (Final Acceptance Certificate):**

1. As the tender is for the supply, installation and commissioning of schedule-wise equipment listed in list of requirements, Final Acceptance Certificate (FAC) will be issued only after successful completion of supply, installation and commissioning, testing performance, training and completion of Final Acceptance Test (FAT) of all equipment related to the respective schedules.
2. Partial shipment will be permitted with the written consent from the Purchaser. 80% payment based on the supply effected by partial shipment will be made by the supplier as per the invoiced value and payment terms. However, 20% payment of all equipment will be retained and it will be released only after the issue of FAC.
3. Successful Bidder has to prove the compliance for each of the specification parameter mentioned in section VII - Technical Specification to the satisfaction of the Purchaser.
4. Successful Bidder has to commission the equipment and show the functionality of their offered equipment/system.
5. Successful bidder has to impart sufficient training to the operational and maintenance personnel to ensure smooth running of the equipment/system for production of Banknote printing inks.
6. While the raw materials & consumables for each machine will be supplied by the Purchaser, Successful bidder has to show the performance of the equipment/system in producing Banknote printing inks and intermediate products to the satisfaction of the purchaser.
7. Detailed FAT parameters with duration of FAT for each equipment will be discussed mutually by the Purchaser and the successful bidder and will be made as a part of supply order/agreement.
8. FAT shall be carried out with any of the Banknote ink production of any denomination of Indian banknotes. The above Test assumes planned raw materials are readily available for production use at the start of the shift. Any waiting time for the issue of raw materials for any such delays, then suitable allowance must be made by BRBNMPL.
9. All the results have to be agreed by signing in the format marked as “Inspection Result”
10. The functional capacities of various software and hardware performance of all equipments have to be demonstrated to the BRBNMPL and to be proved that the same are working at optimum level.
11. FAC will be issued within 15 working days after completion of FAT.



## Section IX: Qualification/Eligibility Criteria

The tenderer needs to agree to all essential conditions specifically incorporated in this tender enquiry. Some of the salient requirements are as under:

### SCHEDULE 1: PRE-QUALIFYING ELIGIBILITY CRITERIA IS AS FOLLOWS: –

Sl. No	Item Categories	<b>ESSENTIAL QUALIFICATION CRITERIA FOR SUPPLY, INSTALLATION AND COMMISSIONING OF VARNISH MANUFACTURING PLANT</b>
1	<b>Experience &amp; Past Performance</b>	<p>The firm should have "<b>Constructed, fabricated and installed at least one similar plant for the chemical processing and/or ink/coatings industries</b>" during the last five years.</p> <p>The bidder firm shall submit the credentials regarding experience and past performance to the extent required as per the eligibility criteria.</p> <p>All experience, past performance and capacity/capability related data should be certified by the authorized signatory of the bidder firm.</p>
2	<b>Capability – Equipment &amp; Manufacturing facilities</b>	<p>The bidder firm must have an annual capacity to "<b>construct, fabricate and install at least one similar plant for the chemical processing and/or ink/coatings industries</b>" as indicated in the list of Requirements.</p>
3	<b>Financial Standing</b>	<p>Average Annual Turnover of the Bidder firm during last three years should be more than <b>INR 3.5 Crores</b>.</p> <p>Bidder Firm should not have suffered any financial loss for more than one year during the last three years</p> <p>The net worth of the firm should not have eroded by more than 30% in the last three years.</p> <p>All financial standing data should be certified by certified accountants e.g. Chartered Accounts (CA) in India and Certified Public Accountant/Chartered Accountants of other countries.</p> <p>The bidders to enclose certified audited balance sheets, financial statements, P/ L accounts.</p>

**SCHEDULE 2: PRE-QUALIFYING ELIGIBILITY CRITERIA IS AS FOLLOWS: –**

Sl. No	Item Categories	<b>ESSENTIAL QUALIFICATION CRITERIA FOR SUPPLY, INSTALLATION AND COMMISSIONING OF AUTOMATIC PROCESS CONTROL AND DOSING SYSTEMS</b>
1	<b>Experience &amp; Past Performance</b>	<p>The firm should have “<b>Designed, supplied, installed &amp; implemented at least one similar system for ink, coatings or chemical processing industries</b>” during the last <b>five</b> years.</p> <p>The bidder firm shall submit the credentials regarding experience and past performance to the extent required as per the eligibility criteria.</p> <p>All experience, past performance and capacity/capability related data should be certified by the authorized signatory of the bidder firm.</p>
2	<b>Capability – Equipment &amp; Manufacturing facilities</b>	<p>The bidder firm must have an annual capacity <b>to design, supply, install and implement at least one similar system for ink, coatings or chemical processing industries</b> as indicated in the list of Requirements.</p>
3	<b>Financial Standing</b>	<p>Average Annual Turnover of the Bidder firm during last three years should be more than <b>INR 4.4 Crores</b>.</p> <p>Bidder Firm should not have suffered any financial loss for more than one year during the last three years</p> <p>The net worth of the firm should not have eroded by more than 30% in the last three years.</p> <p>All financial standing data should be certified by certified accountants e.g. Chartered Accounts (CA) in India and Certified Public Accountant/Chartered Accountants of other countries.</p> <p>The bidders to enclose certified audited balance sheets, financial statements, P/ L accounts.</p>

**SCHEDULE 3: PRE-QUALIFYING ELIGIBILITY CRITERIA IS AS FOLLOWS: –**

Sl. No	Item Categories	ESSENTIAL QUALIFICATION CRITERIA FOR SUPPLY, INSTALLATION AND COMMISSIONING OF VESSEL WASHING UNIT
1	<b>Experience &amp; Past Performance</b>	<p>The firm should have <b>manufactured, supplied, installed and commissioned at least one similar vessel washing unit for paint or printing ink industry</b> during the last <b>five</b> years.</p> <p>The bidder firm shall submit the credentials regarding experience and past performance to the extent required as per the eligibility criteria.</p> <p>All experience, past performance and capacity/capability related data should be certified by the authorized signatory of the bidder firm.</p>
2	<b>Capability – Equipment &amp; Manufacturing facilities</b>	<p>The bidder firm must have an annual capacity <b>to manufacture and supply at least one such vessel washing unit</b> as indicated in the list of Requirement.</p>
3	<b>Financial Standing</b>	<p>Average Annual Turnover of the Bidder firm during last three years should be more than <b>INR 56 Lakhs</b></p> <p>Bidder Firm should not have suffered any financial loss for more than one year during the last three years</p> <p>The net worth of the firm should not have eroded by more than 30% in the last three years.</p> <p>All financial standing data should be certified by certified accountants e.g. Chartered Accounts (CA) in India and Certified Public Accountant/Chartered Accountants of other countries.</p> <p>The bidders to enclose certified audited balance sheets, financial statements, P/ L accounts.</p>

**Requirements to be submitted along with the bids:**

- (i) The bidders shall sign the Pre-Contract Integrity Pact as per the enclosed annexure.
- (ii) The intending bidders, have to submit complete solution on turnkey basis, for supply of Entire Machine requirements indicated in list of Requirements.
- (iii) The intending bidders shall submit all technical details, product catalogues, specifications etc. of the proposed systems offered for evaluation.
- (iv) The bidder shall provide the complete details and address of the locations of the manufacturing units.
- (v) The bidder shall provide details of supply of similar machines in the past including to neighboring countries of India.
- (vi) Bidder shall note that if found necessary, purchaser reserves the right to visit the manufacturing facilities of the bidder and the facilities where the bidder has supplied the machinery for verifying the claims of the bidder. This may be a part of Technical Bid Evaluation.
- (vii) Product support, after sales support and infrastructure – Details may be provided
- (viii) The bidders should give a declaration that they have not been blacklisted or debarred for dealing by Government of India or any Government in the past.
- (ix) The documents in support of pre-qualification criteria need to be submitted along with the bid document duly signed by authorized representative of the applicant (x) The bidder should also confirm specifically that:
  - (a) Applicant is competent and legally authorized to submit and /or to enter into a legally binding contract.
  - (b) Applicant will absolve the purchaser against any infringement of patent right and other contract provision.
  - (c) BRBNMPL, if so desire, can inspect the manufacturer's works facilities.
  - (d) Shall furnish a confidentiality statement.

**Other Requirements:**

1. Bidder shall preferably be a ISO 9001 certified Company.
2. Bidder shall submit Earnest Money Deposit as per SIT.
3. Bidder shall ensure that no Price indication in the Technical Bid is made as the same shall be summarily rejected.

4. Bidder shall comply with the Scope of work & Delivery Schedule – As per Section VI: List of Requirements.
5. The bidder shall submit duly signed pre-contract integrity pact as per the format enclosed in Section XX.
6. Bidder shall provide clause wise Technical compliance commentary for the technical specifications indicated in Section VII
7. The bidder shall ensure that all pages of tender document are duly signed and sealed for having read and understood all terms and conditions of the tender document.
8. Bidder shall confirm that the Tender validity is given as in the SIT.
9. Bidder shall submit the following declarations / undertakings along with tender application.
  - a. The signatory is competent and legally authorized to submit the tender and / or to enter into legally binding contract.
  - b. A declaration that the Bidder is not in the list of blacklisted /debarred firms of any Government Agency anywhere in the world.
  - c. Undertaking that the bidder is accepting all the terms and conditions of this tender and abides by it without any counter conditions.
  - d. Undertaking that the information given in the documents is correct and the Bidder is aware that any information provided is found to be false at a later stage BRBNMPL reserves the right to reject / disqualify the Bidder at any stage of the tendering process without assigning any reason.
  - e. A self-declaration that no agents are engaged or proposed to be engaged for participation in this tender.
  - f. The operation of the bidder in Pakistan or China, if any, should be suitably firewalled from the contract / operations with Government of India. Bidder shall also declare that no employee who has previously worked or been posted in Pakistan or China in any capacity will be engaged by the Company for this project.
  - g. The Company/firm/organization undertakes not to reveal the information in the tender documents to any third party.
  - h. A duly signed and stamped confidentiality statement as given below is to be furnished:  
-  
“The information(s) 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”

## Section XI: Price Schedule

### SCHEDULE 1: VARNISH MANUFACTURING PLANT

#### PRICE SCHEDULE for foreign suppliers:

**Important:** Bidder should quote the prices preferably in Indian Rupees. In case if the bidder quotes in other currency, such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the B.C. selling exchange rates established by the State Bank of India for similar transactions, as on the date of tender opening for L1 determination. In case of any bank holiday, the previous day's closing price will be considered.

Sl.No	Item description	Total Price
1	Varnish Manufacturing Plant as described in Section VII Technical specifications	
2	Accessories & Auxiliaries required to meet the Scope	
3	Total FOB price	
4	Freight (Up to Chennai Port/Bengaluru Airport)	
5	Insurance ( Up to Chennai Port/ Bengaluru Airport)	
6	Total CIF price (Sum of Sl.No.3 to 5)	
7	Installation, Commissioning, Performance Testing Charges etc.	
8	Training Charges	
9	Total price on CIF Basis including Installation, Commissioning, Performance Testing & Training Charges (Sl.No. 6+7+8)	

Note:

1. **Price in Sl.No.9** only will be considered for L1 determination.
2. Bidder may indicate optional items if any separately. Purchaser at its discretion may or may not place orders for the optional items.
3. Applicable tax deduction at source will be made for installation, commissioning and training charges and a TDS certificate will be issued.

4. Price with counter condition(s) shall be liable for rejection.
5. Price should be quoted as per the above formats. However, components of the price quoted may be indicated separately.
6. Prices should be all inclusive.
7. Conditional discount/rebate etc., shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.

Signature of Supplier

Name of the Firm:

Date:

Place:

**We confirm that there would not be any price escalation during the supply period. We also confirm that we will abide by all the tender terms and conditions bearing no. GT / VP, APCS & VWU / IFP-MYS / 01 /2017-18 DATED 4<sup>th</sup> August 2017 for supply of “Varnish Manufacturing Plant” as listed in NIT and Section VI: List of requirements to BRBNMPL, Mysuru and we do not have any counter conditions.**

Authorized signatory with name and date

Office Seal/Stamp

**PRICE SCHEDULE for Domestic suppliers:**

<b>Sl. No</b>	<b>Item description</b>	<b>Total Price</b>
1	Varnish Manufacturing Plant as described in Section VII Technical specifications	
2	Accessories & Auxiliaries required to meet the Scope	
3	Total Ex-Works price	
4	<i>GST (As applicable)</i>	
5	<i>Other Levies (if any)</i>	
6	Forwarding Charges if any	
7	Freight	
8	Insurance	
9	Any other charges	
10	FOR (BRBNMPL, Mysore) (Sum of Sl.No. 3 to 9)	
11	Installation, Commissioning, Performance Testing Charges etc. (Inclusive of applicable Goods and Services Tax (GST))	
12	Training Charges (Inclusive of Goods and Services Tax (GST))	
13	Total price on FOR (Destination) Basis including Installation, Commissioning, Performance Testing & Training Charges (Sum of Sl.No. 10 to 12)	

- 1. Price in Sl.No.13** only will be considered for L1 determination.
- Notwithstanding price comparison on FOR basis, Bidder reserves the right to place order on the Basic price and pay other statutory taxes and levies at actuals as applicable at the time of delivery.
- Bidder may indicate optional items if any separately. Purchaser at its discretion may or may not place orders for the optional items.
- Applicable tax deduction at source will be made for installation, commissioning and training charges and a TDS certificate will be issued.
- Price with counter condition(s) shall be liable for rejection.



6. Price should be quoted as per the above formats. However, components of the price quoted may be indicated separately.
7. Prices should be all inclusive.
8. Conditional discount/rebate etc., shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.

Signature of Supplier

Name of the Firm:

Date:

Place:

**We confirm that there would not be any price escalation during the supply period. We also confirm that we will abide by all the tender terms and conditions bearing no. GT / VP, APCS & VWU / IFP-MYS / 01 /2017-18 DATED 4<sup>th</sup> August 2017 for supply of “Varnish Manufacturing Plant” as listed in NIT and Section VI: List of requirements to BRBNMPL, Mysuru and we do not have any counter conditions.**

Authorized signatory with name and date

Office Seal/Stamp

## **SCHEDULE 2: AUTOMATIC PROCESS CONTROL AND DOSING SYSTEM**

### **PRICE SCHEDULE for foreign suppliers:**

**Important:** Bidder should quote the prices preferably in Indian Rupees. In case if the bidder quotes in other currency, such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the B.C. selling exchange rates established by the State Bank of India for similar transactions, as on the date of tender opening for L1 determination. In case of any bank holiday, the previous day's closing price will be considered.

<b>Sl.No</b>	<b>Item description</b>	<b>Total Price</b>
1	Automatic Process Control and Dosing system as described in Section VII Technical specifications	
2	Accessories & Auxiliaries required to meet the Scope	
3	Total FOB price	
4	Freight (Up to Chennai Port / Bengaluru Airport)	
5	Insurance (Up to Chennai Port / Bengaluru Airport)	
6	Total CIF price (Sum of Sl.No.3 to 5)	
7	Installation, Commissioning, Performance Testing Charges etc.	
8	Training Charges	
9	Total price on CIF Basis including Installation, Commissioning, Performance Testing & Training Charges (Sl.No. 6+7+8)	

Note:

- 1. Price in Sl.No.9** only will be considered for L1 determination.
- Bidder may indicate optional items if any separately. Purchaser at its discretion may or may not place orders for the optional items.
- Applicable tax deduction at source will be made for installation, commissioning and training charges and a TDS certificate will be issued.
- Price with condition(s) shall be liable to be rejected.

5. Price should be quoted as per the above formats. However, components of the price quoted may be indicated separately.
6. Prices should be all inclusive.
7. Conditional discount/rebate etc., shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.

Signature of Supplier

Name of the Firm:

Date:

Place:

**We confirm that there would not be any price escalation during the supply period. We also confirm that we will abide by all the tender terms and conditions bearing no. GT / VP, APCS & VWU / IFP-MYS / 01 /2017-18 DATED 4<sup>th</sup> August 2017 for supply of “Automatic Process Control and Dosing System” as listed in NIT and Section VI: List of requirements to BRBNMPL, Mysuru and we do not have any counter conditions.**

Authorized signatory with name and date

Office Seal/Stamp

**PRICE SCHEDULE for Domestic suppliers:**

<b>Sl. No</b>	<b>Item description</b>	<b>Total Price</b>
1	Automatic Process Control and Dosing Systems as described in Section VII Technical specifications	
2	Accessories & Auxiliaries required to meet the Scope	
3	Total Ex-Works price	
4	GST (as applicable)	
5	Other Levies if any	
6	Forwarding Charges if any	
7	Freight	
8	Insurance	
9	Any other charges	
10	FOR (BRBNMPL, Mysore) (Sum of Sl.No. 3 to 9)	
11	Installation, Commissioning, Performance Testing Charges etc.( Inclusive of Goods and Services Tax (GST))	
12	Training Charges (Inclusive of Goods and Services Tax (GST))	
13	Total price on FOR (Destination) Basis including Installation, Commissioning, Performance Testing & Training Charges (Sum of Sl.No. 10 to 12)	

- 1. Price in Sl.No.13** only will be considered for L1 determination.
- Notwithstanding price comparison on FOR basis, Bidder reserves the right to place order on the Basic price and pay other statutory taxes and levies at actuals as applicable at the time of delivery.
- Bidder may indicate optional items if any separately. Purchaser at its discretion may or may not place orders for the optional items.
- Applicable tax deduction at source will be made for installation, commissioning and training charges and a TDS certificate will be issued.
- Price with condition(s) shall be liable to be rejected.

6. Price should be quoted as per the above formats. However, components of the price quoted may be indicated separately.
7. Prices should be all inclusive.
8. Conditional discount/rebate etc., shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.

Signature of Supplier

Name of the Firm:

Date:

Place:

**We confirm that there would not be any price escalation during the supply period. We also confirm that we will abide by all the tender terms and conditions bearing no. GT / VP, APCS & VWU / IFP-MYS / 01 /2017-18 DATED 4<sup>th</sup> August 2017 for supply of “Automatic Process Control and Dosing System” as listed in NIT and Section VI: List of requirements to BRBNMPL, Mysuru and we do not have any counter conditions.**

Authorized signatory with name and date

Office Seal/Stamp

### **SCHEDULE 3: Vessel Washing Unit**

#### **PRICE SCHEDULE for foreign suppliers:**

**Important:** Bidder should quote the prices preferably in Indian Rupees. In case if the bidder quotes in other currency, such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the B.C. selling exchange rates established by the State Bank of India for similar transactions, as on the date of tender opening for L1 determination. In case of any bank holiday, the previous day's closing price will be considered.

<b>Sl.No</b>	<b>Item description</b>	<b>Quantity</b>	<b>Unit price</b>	<b>Total Price</b>
1	Vessel Washing Unit as described in Section VII Technical specifications	02 Nos.		
2	Accessories & Auxiliaries required to meet the Scope	02 Nos.		
3	Total FOB price	02 Nos.		
4	Freight (Up to Chennai Port/ Bengaluru Airport)	02 Nos.		
5	Insurance (Up to Chennai Port/Bengaluru Airport)	02 Nos.		
6	Total CIF price (Sl.No.3+4+5)	02 Nos.		
7	Installation, Commissioning, Performance Testing Charges etc.,	02 Nos.		
8	Training Charges	02 Nos.		
9	Total price on CIF Basis including Installation, Commissioning, Performance Testing & Training Charges (Sl. No. 6+7+8)	02 Nos.		

Note:

- 1. Price in Sl.No.9** only will be considered for L1 determination.
- Bidder may indicate optional items if any separately. Purchaser at its discretion may or may not place orders for the optional items.

3. Applicable tax deduction at source will be made for installation, commissioning and training charges and a TDS certificate will be issued.
4. Price with condition(s) shall be liable to be rejected.
5. Price should be quoted as per the above formats. However, components of the price quoted may be indicated separately.
6. Prices should be all inclusive.
7. Conditional discount/rebate etc., shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.

Signature of Supplier

Name of the Firm:

Date:

Place:

**We confirm that there would not be any price escalation during the supply period. We also confirm that we will abide by all the tender terms and conditions bearing no. GT / VP, APCS & VWU / IFP-MYS / 01 /2017-18 DATED 4<sup>th</sup> August 2017 for supply of “Vessel Washing Unit” as listed in NIT and Section VI: List of requirements to BRBNMPL, Mysuru and we do not have any counter conditions.**

Authorized signatory with name and date

Office Seal/Stamp

**PRICE SCHEDULE for Domestic suppliers:**

<b>Sl. No</b>	<b>Item description</b>	<b>Total Price</b>
1	Vessel Washing Unit as described in Section VII Technical specifications	
2	Accessories & Auxiliaries required to meet the Scope	
3	Total Ex-Works price	
4	<i>GST as applicable</i>	
5	Other Levies if any	
6	Forwarding Charges if any	
7	Freight	
8	Insurance	
9	Any other charges	
10	FOR (BRBNMPL, Mysore) (Sum of Sl.No. 3 to 9)	
11	Installation, Commissioning, Performance Testing Charges etc.( Inclusive of Goods and Services Tax (GST)) Tax)	
12	Training Charges (Inclusive of Goods and Services Tax (GST))	
13	Total price on FOR (Destination) Basis including Installation, Commissioning, Performance Testing & Training Charges (Sum of Sl.No. 10 to 12)	

- 1. Price in Sl.No.13** only will be considered for L1 determination.
- Notwithstanding price comparison on FOR basis, Bidder reserves the right to place order on the Basic price and pay other statutory taxes and levies at actuals as applicable at the time of delivery.
- Bidder may indicate optional items if any separately. Purchaser at its discretion may or may not place orders for the optional items.
- Applicable tax deduction at source will be made for installation, commissioning and training charges and a TDS certificate will be issued.
- Price with condition(s) shall be liable to be rejected.



6. Price should be quoted as per the above formats. However, components of the price quoted may be indicated separately.
7. Prices should be all inclusive.
8. Conditional discount/rebate etc., shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.

Signature of Supplier

Name of the Firm:

Date:

Place:

**We confirm that there would not be any price escalation during the supply period. We also confirm that we will abide by all the tender terms and conditions bearing no. GT / VP, APCS & VWU / IFP-MYS / 01 /2017-18 DATED 4<sup>th</sup> August 2017 for supply of “Vessel Washing Unit” as listed in NIT and Section VI: List of requirements to BRBNMPL, Mysuru and we do not have any counter conditions.**

Authorized signatory with name and date

Office Seal/Stamp

## **Common for all Schedules and for Indian and Foreign Bidders**

**The below information (duly sealed and signed) should be attached to Each price Schedule**

### **Other important contractual obligations:**

- The bidder is expected to supply with in the contract price - initial commissioning spares, oil & lubricants and consumables as may be required during erection, testing, start-up and initial operation of the unit till the completion of successful commissioning and commencement of regular production.
- Bidder, shall provide the master list of spare parts, consumables and other accessories with rates, along with the price bid and the same shall remain firm for a period of 3 years from the date of the expiry of warranty period.
- The bidder shall give a commitment that they shall provide technical support for the offered systems and accessories and make available required spares and consumables for a period of at least 10 years from the date of expiry of warranty.

**Comparison of bids between Foreign and Indian suppliers:** In case if there are any Indian suppliers, they have to quote in FOR Mysuru stores basis and for comparing the quote from foreign suppliers in CIF and Indian suppliers in FOR, following notional factors will be loaded while arriving at the total landing cost for quote in CIF. –

Customs duties @ 25.853% on assessable value will be added. Assessable Value = CIF value + 1% of CIF value as landing charges.

1. Clearing and forwarding charges as per the following details will be added -
  - (i) Agency charges of 0.03% of CIF value + applicable GST) on agency charges will be added towards local agency charges.
  - (ii) Transportation charges of Rs.5500/- will be added towards local transportation cost from port of discharge to final destination.

2. Applicable GST/*other taxes if any.*, on installation and commissioning and training charges will be added.
3. In case if freight and insurance charges are not provided, 20% of the FOB value will be loaded for arriving at freight charges and 1.125% of the FOB value will be loaded for arriving at insurance charges.
4. Tax deduction at source shall be made on charges pertaining to erection, installation, commissioning and training charges.
5. Details of training to be provided may be specified – Place of training, No. of employees, Hours of training, Training material etc.
6. In case of foreign suppliers, Goods and Services Tax (GST) as applicable shall be paid by purchaser for erection, installation, commissioning and training charges.

Signature of Supplier

Name of the Firm:

Date:

Place:

**Section X: Tender Form**

Date .....

To

.....  
.....  
.....

(complete address of BRBNMPL)

Ref: Your Tender document No. .... dated .....

We, the undersigned have examined the above mentioned tender enquiry document, including amendment No. -----, dated \_\_\_\_\_ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver ..... (description of goods and services) in conformity with your above referred document for the price details as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V: "Special Conditions of Contract", for due performance of the contract.

We agree to keep our tender valid for acceptance for a period upto as required in the GIT clause 19, read with modification, if any in Section III: "Special Instructions to Tenderers" or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender upto the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

Dated this \_\_\_\_\_ day of \_\_\_\_\_

For & on behalf of

(Signature with date)

(Name and designation)

Duly authorized to sign tender for and on behalf of

.....

## **Section XII : Questionnaire**

The Tenderer should furnish specific answers to all the questions/ issues mentioned below. In case a question / issue do not apply to a tenderer, the same should be answered with the remark "not applicable".

Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.

In case a tenderer furnishes a wrong or evasive answer against any of the under mentioned question / issues, its tender will be liable to be ignored.

1. Brief description and of goods and services offered:
2. Offer is valid for acceptance upto
3. Your permanent Income Tax A/ C No. as allotted by the Income Tax Authority of Government of India  
Please attach certified copy of your latest/ current Income Tax clearance certificate issued by the above authority.
4. Status:
  - a) Are you currently registered with the Directorate General of Supplies & Disposals (DGS&D), New Delhi, and/ or the National Small Industries Corporation (NSIC), New Delhi, and/ or the present BRBNMPL and/ or the Directorate of Industries of the concerned State Government for the goods quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit imposed on your registration.
  - b) Are you currently registered under the Indian Companies Act, 1956 or any other similar Act?  
Please attach certified copy(s) of your registration status etc. in case your answer(s) to above queries is in affirmative.
5. Please indicate name & full address of your Banker(s)
6. Please state whether business dealings with you currently stand suspended/ banned by any Ministry / Deptt. of Government of India or by any State Govt.

.....

(Signature with date)

(Full name, designation & address of the person duly authorized sign on behalf of the tenderer)

For and on behalf of

.....

.....

(Name, address and stamp of the tendering firm)