



**IDMC**  
L I M I T E D

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Tel: +91-2692-220521**

Website: <http://www.idmc.com>

**Invitation to bid for Design, supply,  
installation, testing, and  
commissioning of Dry offset printing  
machine (Eight colors)  
Capacity: 650 cups per minute**

# Contents

1.	Invitation for Bid.....	1
1.1.	The bid document.....	1
1.2.	Enquiry document .....	1
1.3.	Place and venue of pre-bid meeting.....	1
1.4.	Opening of offers.....	1
1.5.	Offer validity.....	1
1.6.	Drawings .....	1
1.7.	Rights reserved by IDMC Limited.....	1
2.	Instructions to bidders .....	3
2.1.	Eligible bidders .....	3
2.2.	Cost of bidding .....	3
2.3.	Bidders to check the contents of enquiry documents .....	3
2.4.	Documents to be submitted along with the offer/ bid .....	3
2.5.	Clarification of bidding documents .....	4
2.6.	Mode and manner of submission .....	4
2.7.	Currency of offer & payment .....	4
2.8.	The price schedule .....	4
2.9.	Offer validity & extension of validity if required .....	5
2.10.	Submitted offer to be complete in all respects .....	5
2.11.	Date of submission of offer/ bid .....	5
2.12.	Late bids.....	5
2.13.	Opening of bids .....	5
2.14.	Undue influence by the bidder: .....	5
2.15.	Clarification on offers/ bids.....	6
2.16.	Correction of errors .....	6
2.17.	IDMC Limited's right to accept any offer/ bid and to reject any or all offers/ bids .....	6
2.18.	Notification of award and issuance of Purchase order .....	6
2.19.	License and permit for goods/ services.....	6
2.20.	Amendment to the bidding document .....	7
2.21.	Modification in the bid.....	7
2.22.	Language of bid .....	7
2.23.	Personal discussion .....	7
3.	General conditions of contract .....	7
3.1.	Definitions and Interpretation .....	7
3.2.	Application .....	9
3.3.	Documents mutually explanatory .....	9
3.4.	Programme to be furnished .....	9
3.5.	Standards .....	9

3.6.	Use of contract documents and information .....	9
3.7.	Patent rights and royalties.....	10
3.8.	Inspection and tests .....	10
3.9.	Packing and marking.....	10
3.10.	Delivery and documents.....	11
3.11.	Insurance.....	12
3.12.	Transportation .....	12
3.13.	Incidental services.....	12
3.14.	Spare parts.....	13
3.15.	Warranty.....	13
3.16.	Payment .....	14
3.17.	Change orders.....	14
3.18.	Contract amendment.....	15
3.19.	Assignment.....	15
3.20.	Liquidated damages .....	15
3.21.	Termination for default .....	15
3.22.	Force majeure .....	16
3.23.	Inspection of goods during manufacturing at supplier works/ operations .....	16
3.24.	Time for completion shall mean the completion of performance of contract.....	16
3.25.	Certification of completion of works .....	16
3.26.	Resolution of disputes.....	17
3.27.	Notices .....	17
3.28.	Right to use defective goods .....	17
3.29.	Jurisdiction .....	17
4.	Special conditions of contract .....	17
4.1.	General.....	17
4.2.	Taxes.....	18
4.3.	Time of completion .....	18
4.4.	Drawings/ specification .....	18
4.5.	Safety regulations & compliance.....	18
4.6.	Office space at site.....	18
4.7.	Supervision of installation, start up, commissioning and trial runs .....	18
4.8.	Rating .....	21
4.9.	Instruction Manual.....	21
4.10.	Resolution of Disputes (Clause 3.26 of General conditions of Contract) .....	21
4.11.	Rights reserved by IDMC Limited.....	21
4.12.	Limitation of Liability .....	21
5.	Form of bid .....	22
6.	Acceptable forms of Bank Guarantees .....	23
7.	Technical specifications .....	30

## 1. Invitation for Bid

**Enquiry Reference no.:** IDMC/ Sourcing & VD/ 2024-25/ Enquiry/ 348 dated 21.02.2025

IDMC Limited invites sealed bids from original equipment manufacturers (OEMs) for the Design, supply, installation, testing, and commissioning of Dry offset printing machine (Eight colors) Capacity: 650 cups per minute as per details given below:

Description of Tender	Design, supply, installation, testing, and commissioning of Dry offset printing machine (Eight colors) Capacity: 650 cups per minute.
Qty	2 Nos.
Estimated Cost	0.14 million USD/0.134 million EURO
Completion period	8 (Eight) months from the date of purchase order/LOI.
Earnest Money Deposit (EMD)	Not applicable
Mode of Tender	a) The bid document will be available in the website at <a href="https://www.ncdfiemarket.com/index.php/auctions-2/#tab-44753">https://www.ncdfiemarket.com/index.php/auctions-2/#tab-44753</a> and can be downloaded and used as tender document for uploading the offer. b) The interested vendors are required to send an email at <a href="mailto:etenders@ncdfiemarket.com">etenders@ncdfiemarket.com</a> by providing the following detail/information prior to 2 days before the bid end date: Name of the organization: Name of the contact person: Contact No: E-Mail: Status of Registration with NCDFI (Yes/No):  Registration/bidding guidance will be provided by NCDFI team to interested bidders
Query/support related to submission of bid in portal	Ms Janvi Patel +91 99786 03225 Mr Parth Parikh +91 70435 31188
Warranty Period	24 months from the date of successful commissioning
Date of uploading of enquiry on NCDFI eMarket portal	25/02/2025
Last date, time and place for receipt of bids/ offers	18/03/2024 (Up to 1700 hrs IST)
Bid submission currency	EURO
Conversion Rate (USD to EURO)	1 USD = 0.96 EURO (Reference date 22.02.2025)

1.1. **The bid document** can be downloaded by registration from the link:  
<https://www.ncdfiemarket.com/index.php/auctions-2/#tab-44753>

### 1.2. Enquiry document:

Instructions to bidders, General conditions of contract, Special conditions of contract, Form of agreement, Acceptable forms of bank guarantees and technical specifications for all the items of works

are indicated in this enquiry document.

**1.3. Place and venue of pre-bid meeting:**

No pre bid meeting since there is a provision for obtaining clarifications by email (See clause 2.5 in instructions to bidders).

**1.4. Opening of offers:**

Bids will be opened by IDMC, bidder presence is not required.

**1.5. Offer validity:**

The bid shall remain valid for a period of 120 (One hundred twenty) days from the date of bid closing.

**1.6. Drawings:**

Bidders to submit preliminary GA /dimensional drawing along with the offer.

**1.7. Rights reserved by IDMC Limited:**

IDMC does not bind itself to accept the lowest bid. IDMC Limited at its sole discretion & without assigning any reason thereof reserves the right to accept and/ or reject any or all the bids. Further, it shall be the prerogative of IDMC Limited to revise/ modify the qualifying criteria specified in the Invitation to Bid without assigning any reasons whatsoever. It is deemed that the bidder agrees to this clause and shall not raise any issues in this regard.

## 2. Instructions to bidders

(a)	Tender/Event Ref. No.:	IDMC/ Sourcing & VD/ 2024-25/ Enquiry/ 348 dated 21.02.2025
(b)	Transaction Fee Payment of transaction fee by NEFT/ RTGS in favor of IDMC Limited (refer clause No.-4 of Annexure-A)	Not Applicable
(c)	Incidental charges (in land) in case documents are to be sent by courier/post	Not Applicable
(d)	Event Start Date	25.02.2025
(e)	Event Close Date & time	18.03.2025, 17.00 Hours
(f)	Last Date and time for bid	18.03.2025, 17.00 Hours
(g)	Time and date of opening of bids  Part I – Techno-commercial bid  Part II – Price bid	18.03.2025, 17.01 Hours  May be communicated later to responsive /technically qualified bidders who have accepted all techno commercial terms and conditions
(h)	Place of opening of bids	ONLINE at web portal
(i)	Address for communication	Deputy Manager (Sourcing & VD) tender committee 124-128 GIDC Estate Vithal Udyognagar- 388121 Dist.- Anand (Gujarat) Tel: 02692 -220521 /236 375/ 220490. Email: tenders@idmc.com
(j)	Time of completion	: 8 (Eight) Months for overall completion (from the date of notification of award of Contract (LOI)/ Purchase Order)
(k)	Amount of EMD	NA
(l)	Date and time for receipt of EMD. The EMD in original to be submitted to communication address as stated above in clause (i)	NA
(m)	Price Basis	DAP, IDMC Limited Narela Delhi
(n)	Packing & forwarding	In Supplier scope
(o)	Freight	In Supplier scope up to IDMC Limited Narela Delhi
(p)	Transit Insurance	In Supplier scope up to IDMC Limited Narela Delhi
(q)	All applicable duties & Taxes (Except GST)	In Supplier scope

**2.1. Eligible bidders:**

This invitation for bids is restricted to original equipment manufacturers (OEMs) of **European** only.

**2.2. Cost of bidding:**

The Bidder shall bear all costs associated with the preparation and submission of its bid, and IDMC Limited, also hereinafter based on the context referred to as "the Purchaser", will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

**2.3. Bidders to check the contents of enquiry documents:**

The Bidder is requested to carefully examine all instructions, conditions, forms, terms, specifications, and drawings in the bidding documents. Failure to comply with the requirements of bid submission will be at the bidder's own risk. Bids which are not substantially responsive to the requirements of the bidding document will be rejected.

**2.4. Documents to be submitted along with the offer/ bid:**

The offer to be submitted by the bidder/ vendor shall comprise the following:

- a. The Form of bid duly filled and signed.
- b. Bidders: self-attested copies of documents defining the constitution, place of Registration and principal place of business.
- c. Details of experience and past performance of the bidder on the executed contracts of similar nature within the last 5 years. The bidder shall also provide details of similar machines provided in last five consecutive years to the following geographies:
  - i. Globally (excluding Asia)
  - ii. Asia (excluding India)
  - iii. India
- d. List of customers and their contact details for reference.
- e. All details as specified in the section technical details as per the format provided.
- f. The complete enquiry document with filled in offer, has to be submitted duly Signed & stamped by the bidder/ vendor.
- g. The bidder should furnish a brief write-up, backed with adequate data, explaining his available Capability (both technical and commercial) for manufacturing and supply, installation, and commissioning of the required equipment within the specified time of completion, after meeting all their current commitments.
- h. Service setup of the bidder in India (if any).

All pages of the offer documents shall be signed by person(s) duly authorized. Proof of authorization shall be in the form of a written Power of Attorney/ Authority letter which shall accompany the bid. All pages of the offer documents, where entries and amendments have been made, shall additionally be initiated by the person(s) signing the offer/ bid.

The complete offer/ bid shall be without alterations, interlineations, or erasures except those in accordance with instructions issued by IDMC Limited, or as necessary to correct errors made by the bidder in which case such corrections shall be initialed by the person(s) signing the offer. No overwriting

shall be permitted.

## **2.5. Clarification of bidding documents:**

For any query, the bidder should send only an email to tenders@idmc.com. This window will be open up to 1700 hrs on 11/03/2025. The Purchaser will provide the clarification to the query on priority but not later than at 1700 hrs on 13/03/2025 depending on the nature of the query.

## **2.6. Mode and manner of submission:**

2.6.1. Submission of bid shall be through NCDFI eMarket portal only. No physical/email bids shall be accepted.

2.6.2. Only one offer/bid may be submitted on or before the day and date as mentioned in the enquiry by each bidder. No vendor/ bidder shall be allowed to submit an offer in another name for the same enquiry.

## **2.7. Currency of offer & payment:**

The rates and prices shall be quoted by the bidder as under:

2.7.1. Bidders will quote entirely in one currency EURO and price basis will be on DAP- IDMC Limited Narela Delhi only. All payments will be made in the currency in which the PO/contract will be awarded and will be only through an authorized bank, subject to forex and other regulations, including withholding taxes, if any, in force.

## **2.8. The price schedule:**

Sr. No.	Description	Qty (in EA)
1	Design, supply, installation, testing, and commissioning of Dry offset printing machine (Eight colors) Capacity: 650 cups per minute.	2
2	Spare parts for 8500 hours for each set of machines (for 2 years) (excluding commissioning spares)	4
3	Service visits (4 visits in a year for 2 years) after handover of the machines	8

2.8.1. The bidder shall quote the price in figures and words clearly specifying the currency and payment terms. The said price shall be a comprehensive all-inclusive price for the design, supply, installation, testing, and commissioning including the obligations of any services and supplies as specified in the technical details or elsewhere in the bidding document.

2.8.2. The price will include the cost/ fee of any Technician/ Supervisor/ Expert to be deputed by the vendor at the site for installation, testing, commissioning, or any other related activity.

**Note:** IDMC Limited shall provide local transportation and food/refreshment during work at Narela (Delhi) only, to facilitate officials of the successful bidder during the period of installation, testing and commissioning. Bidder to give a indicative period of stay including the number of their personnel.

## **2.9. Offer validity & extension of validity if required:**

2.9.1. Bids submitted shall remain valid for acceptance for a period of 120 days from the date of bid closing.



2.9.2. If required, IDMC Limited may request the bidder for a specified extension in the period of validity of the offer. A bidder may refuse the request. The bidder agreeing to the request shall not be permitted to modify his bid but shall be required to extend the validity of his bid. The provisions under this tender shall continue to apply during the extended period of bid validity for the period as agreed by the bidder.

**2.10. Submitted offer to be complete in all respect:**

The bidder shall submit an offer which complies fully with the requirements of the bidding documents, including the basic technical design as indicated in the specifications. Conditional bids are liable to be considered as non-responsive.

**2.11. Date of submission of offer/ bid:**

The offer must be received by IDMC Limited on or before the date and time of submission as stated in the Invitation for Enquiry/ Tender. IDMC Limited may, at its discretion, extend the deadline for the submission of offer/ bid by issuing necessary instructions on email to all registered bidders, in which case, all rights and obligations of IDMC Limited and the bidders previously subject to the original deadline shall thereafter be subject to the new deadline as extended.

**2.12. Late bids:**

Any offer/ bid received by IDMC Limited later than the deadline for the submission of offers/ bids as prescribed by IDMC Limited will be subject to rejection.

**2.13. Opening of bids:**

The bids will be opened, scrutinized, and evaluated as per the qualification, scope and specification mentioned in tender and award the contract accordingly.

After the opening of offers IDMC Limited shall evaluate and process the same for finalizing the issuance of the Purchase order. The process shall be kept confidential - not disclosed to bidders/ any vendor or other persons not officially concerned with such process.

**2.14. Undue influence by the bidder:**

Any action to influence the procurement process or contract execution for undue advantage will be improper and may result in the rejection of the bidder's bid/ offer.

**2.15. Clarification on offers/ bids:**

To assist in the evaluation of offers/ bids, IDMC Limited may request the bidders/ vendors for clarification of their bids, including breakdown of unit rates. The request for clarification and the response shall generally be in writing but no change in the price or substance of the bid shall be sought, offered or permitted. The Purchaser may, depending on the nature of the query, contact the concerned bidder on the telephone number provided in the bid document only for the purpose of understanding and/ or resolving the query. For this purpose, the bidder is requested to provide the name and contact details of its designated officer.

**2.16. Correction of errors:**

2.16.1. The offers will be checked by IDMC Limited for any arithmetic errors in computation and summation. Errors will be corrected as follows:

2.16.2. "Where there is a difference between rates in figures and in words, the rates that correspond to the amounts worked out by the bidders, shall be taken as correct. However, when the amount of an item is not worked out or it does not correspond with the rates written either in figures or words, then the rates quoted by the bidder in words shall be taken as correct. When the rates quoted by the bidder in

figures and words tallies but the amount is not worked out correctly, the rate quoted by the bidder shall be taken as correct and not the amount."

2.16.3. The amount stated in the form of bid will be adjusted by IDMC Limited in accordance with the above procedures for the correction of errors, and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid his bid shall be rejected.

2.16.4. IDMC Limited reserves the right to accept or reject any variation, deviation, or alternative offers. Variations, deviations and alternative offers and other factors which are in excess of the requirement of the enquiry documents or otherwise result in the accrual of unsolicited benefits to IDMC Limited shall not be taken into account in offer evaluation.

**2.17. IDMC Limited's right to accept any offer/ bid and to reject any or all offers/ bids:**

IDMC Limited reserves the right to accept or reject any offer/ bid and to annul the bidding process and reject all offers/ bids, at any time prior to the award of the Contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) the grounds for IDMC Limited's action.

**2.18. Notification of award and issuance of Purchase order:**

Prior to the expiry of the period of offer/ bid validity prescribed in the enquiry/ bid documents, IDMC Limited will notify the finalized bidder/ vendor here in after referred to as the "/ Successful bidder/ Supplier", in writing on acceptance of their offer/ bid and issue a Letter of Intent/ Award, followed by a detailed Purchase order mentioning all the required terms and conditions and (hereinafter and in the Conditions of the Contract referred to as the "Contract price").

**2.19. License and permit for goods/ services:**

No license or permit shall be provided by Purchaser/ Owner/ IDMC Limited for the goods services being provided by the Successful bidder against this enquiry or work order.

**2.20. Amendment to the bidding document:**

At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by amendment. The amendment will be notified in writing by mail to all registered Bidders.

**2.21. Modification in the bid:**

2.21.1. The Bidder may modify or withdraw its bid after the bid submission, provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.

2.21.2. The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched and additionally marked "modification" or "withdrawal" as appropriate. A withdrawal notice may also be sent by mail.

2.21.3. No bid may be modified after the deadline for submission of bids.

**2.22. Language of bid:**

The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the bid, the

English translation shall govern.

**2.23. Personal discussion:**

If required, IDMC Limited may desire to hold personal discussions with shortlisted vendors. The discussions, if required, are likely to be held at IDMC Limited's office in Anand. Date shall be intimated through e mail by designated person of IDMC.

### **3. General conditions of contract**

#### **3.1. Definitions and Interpretation:**

3.1.1. In the Contract, as hereinafter defined, the following words and expressions shall have the meanings hereby assigned to them, except where the context otherwise requires.

3.1.2. OWNER/ PURCHASER/ IDMC shall mean IDMC Limited and shall include its successors and assignees, as well as its authorized representatives.

3.1.3. IDMC Limited shall mean IDMC Limited.

3.1.4. The bidder/ Vendor shall be the firm/party/individual who submits the offer/ bid against this enquiry.

3.1.5. Contractor/ Successful bidder/ Supplier shall mean the successful vendor/ bidder whose Offer/ Bid has been accepted by the Owner/ IDMC Limited and on whom a work order/ PO has been placed and shall include his heirs, legal representatives, and assignees.

3.1.6. Contract price/rate shall mean the prices/ rates of the accepted Offer/Bid

3.1.7. Contract shall mean the work order or Purchase order along-with articles of agreement, the conditions, the Annexure, the schedule of quantities, and/ or specifications attached herewith.

3.1.8. "Notice in writing" shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by courier/ registered to the last known address or the registered office of the addressee and shall be deemed to have been received when in the ordinary course of post, it would have been delivered.

3.1.9. Site shall mean the actual place where the machine being purchased will be installed as specified in technical specifications.

3.1.10. Month shall mean from the beginning of a given date of a calendar month to the end of the preceding date of the next calendar month.

3.1.11. Week shall mean seven consecutive days.

3.1.12. Day shall mean a day from midnight to midnight.

3.1.13. Award shall mean the written acceptance of the Offer/ Bid by IDMC Limited/owner given to the successful bidder/ Vendor/ Supplier.

3.1.14. Constructional Plant shall mean all appliances or things of whatsoever nature required in or about the execution and maintenance of the Works but does not include the materials or other things required/intended to form or forming part of the Works.

3.1.15. Specifications shall mean the specification referred to in the Enquiry Document/ Bid Document and any modification thereof or addition thereto as may from time to time be furnished or approved in writing by IDMC Limited.

3.1.16. Drawings shall mean drawings referred to in the specifications and any modification of such drawings approved in writing by IDMC Limited and such other drawings as may from time to time be furnished or approved in writing by IDMC Limited.

3.1.17. Approved/ Approval shall mean approval in writing, including subsequent written confirmation of previous verbal or written approval.

3.1.18. I.S.S. shall mean Indian Standard Specifications as published by Bureau of Indian Standards, India.

3.1.19. Government shall mean the Government of India or the Government in state of Gujarat.

3.1.20. Enquiry document shall mean the Bid document.

3.1.21. Headings and marginal note: All headings of and notes to the clauses of these Conditions of Contract or of and to the Specifications or any other bid document are solely for the purpose of giving concise indication and not a summary of the contents thereof, and they shall never be deemed to be the part of or be used in the interpretation or construction thereof or of the Contract.

3.1.22. Singular and plural: In this Contract document unless otherwise stated specifically the singular shall include the plural and vice-versa wherever the context so requires.

3.1.23. Cost: The cost shall be deemed to include all the overhead costs whether on or off the site.

3.1.24. Purchaser: IDMC Limited.

3.1.25. Installation: Something (such as a piece of equipment) that is put together and made ready for use.

3.1.26. Testing and commissioning: It is the process of assuring that all systems and components of an industrial plant are designed, installed, tested, operated, and maintained according to the operational requirements and the Purchase Order specifications of the owner or final client.

### **3.2. Application:**

These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

### **3.3. Documents mutually explanatory:**

Except if and to the extent otherwise provided by the Contract, the provisions of the General Conditions and Special Conditions of the Contract shall prevail over those of any other documents forming part of the Contract. Several documents forming the Contract are to be taken as mutually explanatory.

### **3.4. Program to be furnished:**

3.4.1. The successful bidder shall, after the receipt of the PO, submit to the Purchaser a program showing the schedule of various activities weekly as well as monthly in which he proposes to carry out the supply, installation, testing and commissioning within the timelines agreed for inclusion in the contract.

3.4.2. If at any time it should appear to IDMC that the actual progress of the Works does not conform to the approved program, as referred above, the successful bidder shall produce, at the request of IDMC, a revised program showing the modifications to the approved program necessary to ensure completion of the Works within the time for completion as defined in the contract.

### **3.5. Standards:**

The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

### **3.6. Use of contract documents and information:**

3.6.1. The Supplier shall not, without the Purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the

Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

3.6.2. The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in clause 3.6.1 except for purposes of performing the Contract.

Any document, other than the Contract itself, enumerated in clause 3.7.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so, required by the Purchaser.

### **3.7. Patent rights and royalties:**

The supplier shall indemnify IDMC Limited from and against all claims and proceedings for or on account of infringement of any patent rights, design trademark or name or other protected rights in respect of any constructional plant, machine work, or material and for in connection with the supply of the machine or any of them and from and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

### **3.8. Inspection and tests:**

3.8.1. The Purchaser or its representative shall have the right to inspect and/ or test the Goods to confirm their conformity to the Contract. The technical specifications shall specify what inspections and tests the Purchaser requires.

3.8.2. The inspections and tests may be conducted on the premises of the Supplier, at point of delivery and/or at the Goods' final destination. Where conducted on the premises of the Supplier, all reasonable facilities and assistance including access to drawings and production data shall be furnished to the inspectors at no charge to the Purchaser. In case of any defects or deficiency notified by the Purchaser's inspection authority, the Supplier will rectify and make good the same without delay and not proceed with further processing of such item(s) of Goods without obtaining approval from the inspection authority.

3.8.3. Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject them and the Supplier shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the Purchaser.

3.8.4. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at the destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods shipment from the country of origin.

### **3.9. Packing and marking:**

3.9.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to temperature, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit. The supplier will be responsible for internal damage if any, even if outwardly there is no damage to the package.

3.9.2. The packing, marking and documents within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract and, subject to Clause 3.18 and any subsequent instructions given by the Purchaser.

3.9.3. Each package shall be marked to indicate:

Name of the Supplier

Purchase Order number

Details of items in the package

Gross, net, and tare weights  
on the item

Name of the consignee

Destination

Country of origin

3.9.4. The cost of the individual cases aggregating to the total machine cost shall have to be submitted to IDMC prior to dispatch. The supplier will have to replace the respective item of the individual cases at the cost declared, in case of damage/loss etc. IDMC Limited shall not permit deviation from this clause. The Bidder finally executing the contract would be deemed to have accepted this clause.

### **3.10. Delivery and documents:**

Upon shipment/ dispatch, the supplier shall notify to the purchaser the full details of dispatch including purchaser order no., description of the goods, quantity, mode of transport, place of loading, date of dispatch, packing details with the individual costs etc. The supplier will mail the following documents to the purchaser with a copy to the Insurance Company:

Original and five copies of:

The Supplier's invoice showing purchase order no. description of goods, quantity, unit price, total amount;

- a. Delivery note/case-wise detailed packing list identifying contents of each package/lorry Receipt/Bill of landing, individual case values (for replacement purposes, in case of damage) etc.
- b. Manufacturer's/Supplier's warranty certificate;
- c. Inspection Certificate issued by the nominated inspection agency, and the Supplier's Factory inspection report;
- d. Certificate of origin;
- e. Any other document evidencing payment of statutory levies;
- f. The supplier's certificate certifying that the defects pointed out during inspection have been rectified;
- g. Certificate of no war/ war like materials is loaded in the consignment;
- h. Age of vessel (Not more than 25 years)

**Note:** The nomenclature used for the item description in the invoice/s, packing list/s and delivery note/s etc. should be identical to that used in the purchase order. The dispatch particulars including name of transporter, LR/BL no. and date should also be mentioned in the invoices.

### **3.11. Insurance**

**Global bidders (Price basis shall be DAP, IDMC Limited, Narela, Delhi)**

- a. The “marine/transit” insurance to be taken by the supplier shall be in an amount equal to 110% of the FOR destination value of the goods from “warehouse to warehouse “on all risks basis including ITCA, ICCA, SRCC and war risk valid for a period not less than three months after the date of arrival of goods at final destination.
- b. For Installation and commissioning job, storage- cum – installation all risk insurance policy for an amount equal to contract value inclusive of 10% escalation valid for period not less than three months after installation, including three months for testing and commissioning shall be obtained by the supplier as per governing rules and regulations of Indian government.
- c. Third party insurance – Before commissioning the installation work the supplier without limiting his obligations and responsibilities, shall insure against his liability for any material or physical damage, loss or injury which may occur to any property including that of the Owner/IDMC, or to any person including any employee of the Owner/IDMC. Such Insurance shall be for an amount not less than 10% of the contract value.

**3.12. Transportation:**

3.12.1. In case of Indian bidders, transportation of the Goods up to the site including its insurance till delivery at the site shall be the responsibility of the Bidder and the cost thereof shall be included in the bid price.

3.12.2. Where the Supplier is required under the Contract to deliver the Goods Cost including freight, no further restriction shall be placed on the choice of the ocean carrier.

**3.13. Incidental services:**

As specified in the Special Conditions of Contract, the Supplier will be required to provide any or all of the following services:

- a. Supervision of, unloading, stacking of goods at installation place and surveying;
- b. Furnishing of tools required for assembly and/or maintenance of the supplied goods;
- c. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; and manuals covering the operation and maintenance of automation software and control systems.
- d. Performance or supervision or maintenance and/or repair of the supplied Goods, for a period agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e. Conduct 15 working days onsite /offsite training as per the requirement of the purchaser.

**3.14. Spare parts: - Applicable as per clause no. 8.0 of technical specifications**



### **3.15. Warranty:**

3.15.1. The Supplier warrants that the Goods and equipment, supplied, installed, and commissioned under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions obtaining in the country of final destination. The Supplier also guarantees that the Goods supplied shall perform satisfactorily as per the signed/rated/-installed capacity as provided for in the Contract.

The warranty period is 24 months after the date of successful commissioning acceptance, and completion certificate duly signed by both parties or handover of the machine or 30 months from the date of dispatch whichever occurs first. The automation systems, instruments, and controls will be guaranteed against system malfunction for a period of 24 months from the date of commissioning. Bidder to inform the terms and conditions for extended warranty for 1 year + 2 year after completion of warranty period.

3.15.2. The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

3.15.3. Upon receipt of such notice, the Supplier shall promptly respond and resolve the issue maximum within 7 days from the date of notice by way of repair or replace the defective Goods or parts thereof, without costs to the Purchaser.

3.15.4. If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period mentioned in clause no 3.16.4, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

### **3.16. Payment:**

3.16.1. 20% advance against submission of equivalent security in the form of Bank guarantee from a reputed bank with banker confirmation and shall valid till receipt of machine to IDMC premises (V.U.Nagar, Gujarat) in acceptable condition.

3.16.2. 60% payable shall be payable through letter of credit (on B/L date- 60 days IFC usance period) on presentation of clean set of board shipping documents along with insurance details. LC to be opened 1 month prior to scheduled ex-work delivery date.

3.16.3. 10% of the supply value shall be payable through letter of credit in 30 days after successful inspection, trials for uninterrupted 12 hours continuous running of the machine at the Purchaser's site and approval of the Purchaser in writing as per the terms of the bid documents.

3.16.4. The balance 10% shall be payable through letter of credit in 30 days after final acceptance of satisfactory performance of the complete plant for uninterrupted running of 15 days continuously, on completion of other contracted services including training and acceptance by the purchaser in writing, within the scope of this contract and on submission of an equivalent amount of performance bank guarantee (PBG) valid for a period of 24 months from the date of successful commissioning.

Note:

1. All bank charges within India to the Buyer account and outside India to the beneficiary/ Vendor account. L/ C confirmation charges (if any) to beneficiary/ Vendor account. L/ C shall be processed only after receipt of order acknowledgement and/ or Pro-forma invoice from Beneficiary/ Vendor with required details.

2. All bank guarantees should be issued by a Nationalized/ class- I Indian/ Foreign Bank in the format

provided in the bid.

3.16.5. The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by shipping documents, submitted pursuant to Clause 3.10, and fulfillment of other obligations stipulated in the Contract.

3.16.6. All payments under this contract shall be made in the currency which the bid price was quoted.

### **3.17. Change orders:**

3.17.1. The Purchaser may, at any time, by a written order given to the Supplier make changes within the general scope of the Contract in any one or more of the following:

- a. Drawings, designs, or specifications, where Goods to be furnished under the Contract is to be specifically manufactured for the Purchaser:
- b. The method of shipment or packing;
- c. The Services to be provided by the Supplier.

3.17.2. If any such change causes a substantial increase or decrease in the cost of, or the time required for, the Supplier's performance of any part of the work under the Contract, whether changed or not changed by the order, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

### **3.18. Contract amendment:**

Subject to Clause 3.17, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

### **3.19. Assignment:**

The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

### **3.20. Liquidated damages:**

If the Supplier fails to deliver any or all the goods or perform the services within the times period (s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the contract prices, as liquidated damages, a sum equivalent to:

- (1) 0.5% of the full contract value for every completed week (week comprising of 7 days including holidays and any incomplete week shall be ignored for the calculations of liquidated damages) of delay in the supplies/commissioning.
- (2) The total amount so deducted shall not exceed 10% of the Contract value. Once the maximum is reached, the Purchaser may consider termination of the contract pursuant to Force Majeure.

Any incremental taxes and levies on account of delay in performance of the Contract by the Supplier shall be to the Supplier's account.

### **3.21. Termination for default:**

The contract can be terminated on the following grounds:

#### **3.21.1. Suppliers default:**

3.21.1.1. If the supplier shall assign the Contract, without the consent in writing of the Purchaser first obtained, or if in the opinion of the Purchaser, the Supplier:

- a. Has abandoned the Contract, or
- b. Without reasonable excuse has failed to commence the Works or has suspended the progress of the works for twenty-eight days after receiving from the purchaser written notice to proceed, or  
Despite previous warnings by the Purchaser, in writing, is not executing the works in accordance with the Contract or neglecting to carry out his obligations under the contract.

3.21.1.2. Consequent to such termination of Contract, the Purchaser shall also be entitled to recover the advance paid, if any, to the Supplier along with interest @ 18% per annum compounded quarterly on the last day of March, June, September and December on the advance paid for the entire period for which the advance was retained by the Supplier.

#### **3.21.2. Default of the Purchaser:**

3.21.2.1. In the event of the Purchaser:

- a. Becoming bankrupt or (being a company) going into liquidation other than for the purpose of a scheme of reconstruction or amalgamation, or
- b. Being unable to continue to meet his contractual obligations for unforeseen reasons due to economic dislocation.

3.21.2.2. Nothing in this clause contained shall prejudice the right of the Supplier to exercise, either in lieu of or in addition to the rights and remedies in this Clause specified any other rights or remedies to which the Supplier may be entitled.

### **3.22. Force majeure:**

3.22.1. Notwithstanding the provisions of Clauses 3.21, 3.22, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force majeure.

3.22.2. For purposes of this clause, "Force majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

3.22.3. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force majeure event.

### **3.23. Inspection of goods during manufacturing at supplier works/ operations:**

The Purchaser and any person authorized by him shall have the right to inspect the physical progress

at the site of the successful bidder, after providing reasonable and not less than three days' notice.

**3.24. Time for completion shall mean the completion of performance of contract:**

As given in clause 5.3 of the special conditions of contract.

**3.25. Certification of completion of works:**

The successful bidder shall obtain a certificate of completion from IDMC Limited at the time of machine hand over for the commercial production after successful commissioning and performance trial of the machine and fulfilment of other obligations stipulated in the contract.

**3.26. Resolution of disputes:**

3.26.1. The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms as specified in the special conditions of contract. These mechanisms may include but are not restricted to, conciliation mediated by a third party, adjudication in an agreed national or international forum, and/or international arbitration. The mechanism shall be specified in the Special conditions of the contract.

**Applicable law:**

The Contract shall be interpreted in accordance with the laws of the Union of India.

**3.27. Notices:**

3.27.1. Any notice given by one party to the other pursuant to the Contract shall be sent in writing to the address specified for that purpose in the Special Conditions of Contract.

3.27.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

**3.28. Right to use defective goods:**

If after delivery, acceptance and installation and within the warranty period, the operation or use of the Goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such Goods until rectifications of defects, errors, or omissions by repair or by partial or complete replacement are made without interfering with the Purchasers' operation.

**3.29. Jurisdiction:**

This invitation for bids is issued by IDMC Limited and on behalf of its head office situated at Anand (Gujarat). For the settlement of any dispute arising out of the contract against this bid, only the Courts at Anand, Gujarat, India shall have jurisdiction.

## **4. Special conditions of contract**

### **4.1. General:**

The following Special conditions of Contract shall supplement the General conditions of Contract, given in chapter 3. Wherever there is a conflict, the provisions herein shall prevail over those in the General conditions of Contract.

### **4.2. Taxes:**

#### **For Global bidders**

The offer rates being DAP (Delivered at Place) basis till Destination IDMC Limited, Narela, Delhi. All the taxes and duties applicable from the port including customs duty etc. will be paid by the Purchaser. Foreign exchange rates as public customs the Reserve Bank of India on the bid closure date will be considered. All payments will be made in the currency in which the Purchase order will be placed and will be only through authorized bank, subject to forex and other regulations, including withholding taxes if any, in force and payment terms agreed.

### **4.3. Time of completion:**

The expected total time of completion of the Design, supply, installation, testing, and commissioning of Dry offset printing machine (Eight colors) Capacity: 650 cups per minute is a period of 8 (Eight) months from the issue of the purchase order to successful commissioning and handover to purchaser. The bidder may however specify the completion period he would require for the activity. The final timelines will be detailed at the time of the contract. The contract may also include a clause of liquidated damages with a denial clause for any delay charges based on mutual agreement between the Purchaser and the successful bidder.

### **4.4. Drawings/ specification:**

The bidder shall furnish a standard GA drawing of the machine along with the bid.

The successful bidder will have to sign a Non-disclosure agreement (As per IDMC format) for non-disclosure of IDMC's technical specifications with other clients.

### **4.5. Safety regulations & compliance:**

The successful bidder has to follow all the safety requirements during the erection, testing and commissioning as per the standard safety laws, compliances and as per the guideline of IDMC.

### **4.6. Office space at site:**

IDMC Limited shall provide office space at the site location to the personnel of the supplier during erection and commissioning period.

### **4.7. Supervision of installation, start up, commissioning and trial runs:**

Under this contract Supplier/Bidder is required to provide services for the supervision of Installation, start up and putting into commission and the conditions outlined in this clause shall also apply.

The installation of the plant and equipment supplied under this contract will be carried out by a separate agency to be appointed by the purchaser. The Supplier/Bidder shall be responsible for the supervision of the work from the commencement of the installation up to the demonstration of the performance guarantees of the plant and equipment supplied under the contract. The responsibility of the Supplier/Bidder shall include but not be limited to the following:

Ensuring the correctness of material and equipment dispatched in the order in which they will be required for installation.

To be present at the time of unloading of equipment from trucks/trailers/containers at purchaser premises, opening of crates and packing cases, inspection, checking of equipment/materials with respect to packing lists, putting on site location, as well as placement of equipment on site, pulling and connecting electric cables etc..

The supplier shall perform independently for wiring of the specified equipment by their own service technicians.

Repairing and replacement of equipment/materials damaged or lost in transit or at site and processing of insurance claims for damage/lost equipment/materials.

Ensuring correctness of installation of plant and equipment.

Ensuring that adequate quantities of the correct commissioning spares and supplies are at site for the purpose of start-up.

Supervision of start-up and performance tests to meet the specified performance guarantees.

Advising on any matter pertaining to the installation and start up on request by the purchaser.

In order to carry out his responsibilities under this section, the Supplier/Bidder shall send the number of experienced personnel to be available at the site as established in the contract. The period of such availability and the details of the experience and qualification of the resident staff the Supplier/Bidder will be required to maintain at the site shall be indicated in the tender by the Supplier/Bidder and finalized between the purchaser and the Supplier/Bidder before the award of the contract.

The Supplier/Bidder shall ensure that each individual of the Supplier/Bidder's personnel at site shall co-operate with personnel of the purchaser and all other Supplier/Bidders engaged in work in and/or around the job site. Failure to accomplish this co-operation shall be just cause for the removal of such individual and his replacement by suitable other personnel by the Supplier/Bidder at his expense forthwith upon request by the purchaser. In case of disagreement as to the cause for such removal and replacement, the decision of the purchaser shall be final.

On completion of the installation work and connecting up of the electrical power supply, water and utilities, as required, the Supplier/Bidder shall promptly notify the purchaser of the proposed date of the commencement of start-up operations. The duration of the start-up period shall be established in a schedule, which shall be part of the contract. The purchaser will provide labor, power, fuel, utilities and supplies for operating the plant during the start-up period when the plant will be operated under the supervision of the Supplier/Bidder.

**Installation Guideline:** Supervise positioning of equipment, assemble the equipment, & trials of the equipment operation etc.

All the costs for travel to and from the site, lodging & boarding expenses and other costs of the bidder's representatives shall be inclusive in the Bid value.

#### **4.8. Rating:**

Rating of all items shall be appropriate for the conditions on the particular site on which the items will be used. All the equipment shall be fit for continuous work under the worst conditions of site and shall be rated for the following working conditions.

- Temperature range -5° C to 50° C
- Humid atmosphere maximum up to 90%

#### **4.9. Instruction Manual:**

The Supplier/Bidder shall prepare and produce instruction, operation and maintenance manuals in English for the use, operation and maintenance of the supplied equipment and installations, and submit 3 sets to PURCHASER, at the time of handing over. Soft copies of manuals and drawings also to be submitted.

#### **4.10. Resolution of Disputes (Clause 3.26 of General Conditions of Contract):**

In the event of any dispute in the interpretation of the terms of the order/contract or difference of opinion between the parties on any point in the order/contract arising out of or in connection with the agreement accepted order/contract or with regard to the performance of any obligation hereunder by either party, the parties hereto shall use their best efforts to settle such disputes or difference of opinion amicably by mutual negotiations. In case no agreement is reached, either party may forthwith give to the other, a notice in writing of the existence of such question, dispute, or difference of opinion, and the same shall be referred to the adjudication of a sole arbitrator to be appointed by IDMC whose decision in the matter shall be final and binding on the parties.

The arbitration proceedings shall be governed under the provisions of the Indian Arbitration and Conciliation act, 1996, and the rules there under or any statutory modifications thereof for the time being in force. In the order/contract, the venue of such Arbitration shall be Anand, Gujarat and the Courts of Anandalone shall have jurisdiction regarding any matter arising out of the order/contract.

#### **4.11. Rights reserved by IDMC Limited:**

IDMC Limited at its sole discretion and without assigning any reason thereof reserves the right to accept and/ or reject any or all the bids. Further it shall be the prerogative of IDMC Limited to revise/ modify the qualifying criteria specified in the invitation to bid without assigning any reasons whatsoever.

#### **4.12 Limitation of Liability:**

Notwithstanding anything to the contrary herein, suppliers' s entire liability for claim, whether based on contract, warranty (except warranty of title), tort (including negligence), strict liability, or otherwise for any loss arising out of its performance or failure to perform this contract shall:

- (A) not exceed the contract price of the equivalent supplied hereunder which was the cause of such claim;
- (B) in no case extend to direct, indirect special incidental, or consequential damages, of any nature or kind, including, without limitation, lost profits, lost production, lost revenues, or lost business opportunities; and
- (C) termination upon expiration of the warranty period.

## 5. Form of bid

**Enquiry Reference No.** : IDMC/ Sourcing & VD/ 2024-25/ Enquiry/ 348 dated 21.02.2025

**Name and address of Owner :** IDMC Limited, 124-128, GIDC Estate,  
Vithal Udyognagar- 388121,  
Anand District, Gujarat, India,  
Tel: +91-2692-220521

Gentlemen:

Having examined the Conditions of Contract, Technical Specifications and the Drawings included in or referred to in the Bidding Documents including Addenda Nos. (Insert Numbers), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver Goods and Services including installation and commissioning as detailed in the price bid, in conformity with technical specifications and drawings (except to the extent of deviation statement furnished in our bid) and the Conditions of Contract as mentioned in or referred to in the said Bidding Document for the sum as may be ascertained in accordance with the Bid Prices and made part of this bid and the said conditions.

Our acceptance to all the conditions of the Bidding Document in this bid form shall persist over any other terms and conditions, if any, given in our bid.

We undertake, if our bid is accepted, to commence and complete delivery of all the goods and Services including installation and commissioning as specified in the Schedule of Quantities of the Bid Document, from the date of receipt of your Purchase Order.

If our bid is accepted, we will obtain the bank guarantees as per the conditions of the Contract for the due performance of the Contract.

We agree to abide by this bid for the period of 120 days from the date fixed for bid opening as per the Instruction to Bidders and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your Purchase Order/notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2025.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
(In the Capacity of)  
Duly authorized to sign bid for and on behalf of

(Name & Address of Bidder): \_\_\_\_\_  
\_\_\_\_\_

Name of Witness: \_\_\_\_\_

Signature: \_\_\_\_\_ Address: \_\_\_\_\_



### BIDDING TERMS DEVIATION STATEMENT FORM

The following are the particulars of deviations from the requirements of the bidding conditions/ terms:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATION)

The terms and conditions prescribed in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Dated:

Signature and Seal of Bidder

Place:

Note :-

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "NO DEVIATIONS".

### TECHNICAL DEVIATION STATEMENT FORM

The following are the particulars of deviations from the requirements of the bidding conditions/ terms:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATION)

**All the bidders to submit their bids as per the scope of supply mentioned in the technical specifications in totality and no any deviation shall be considered in the scope of supply.**

The terms and conditions prescribed in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Dated:

Signature and Seal of Bidder

Place:

Note :-

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "NO DEVIATIONS".

## 6. Acceptable forms of Bank Guarantees

### Bank Guarantee to secure performance

Currency: INR / EURO / USD / ETC..	Amount in figures	
Amount in words		
Date of execution		Date up to when in force/ Date of expiry
Date of Claim/ Demand (up to 45 days beyond the date of expiry)		
Name and address of beneficiary	IDMC Limited, Plot no. 124-128, GIDC Estate, Vithal Udyognagar, District Anand, Gujarat -388121	
Name and address of the vendor and/ or service provider (i.e. purchaser of the bank guarantee from the bank)		

THIS deed of guarantee made on this \_\_\_\_\_ day of \_\_\_\_\_, between \_\_\_\_\_ (name of the bank issuing this guarantee), herein after called 'the bank', on the first part and \_\_\_\_\_ (hereinafter referred to as 'vendor and/ or service provider in relation to IDMC Limited' and 'purchaser in relation to the bank' respectively) on the second part.

WHEREAS, the purchaser of the bank guarantee has been engaged by IDMC Limited as a vendor and/ or service provider for \_\_\_\_\_ (e.g. design, manufacture, and supply of equipment or installation/ testing/ commissioning/ job work/ preventive maintenance/ break-down maintenance/ consulting or advising services as envisaged in the purchase order(s)/ contract(s) \_\_\_\_\_ dated \_\_\_\_\_) which is required to be performed in pursuance of the said purchase order(s)/ contract(s);

WHEREAS, the vendor and/ or service provider is required to submit this bank guarantee for a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) as security for fulfilling its obligation to secure performance of the \_\_\_\_\_ (description of goods and/ or services) under the said purchase order(s)/ contract(s).

AND WHEREAS, at the request of the vendor and/ or service provider, the bank has agreed to guarantee the refund of the said amount in case the aforesaid goods and/ or services do not perform to the satisfaction of IDMC Limited as per the terms and conditions of the said purchase order(s)/ contract(s).

NOW THIS DEED OF GUARANTEE DOES WITNESSETH AS UNDER:

1. That in consideration of IDMC Limited having awarded the said purchase order(s)/ contract(s), the bank does hereby irrevocably guarantee and indemnify that if the vendor and/ or service provider has supplied and/ or provided \_\_\_\_\_ (description of goods and/ or services), which is not to the satisfaction of IDMC Limited, as per the details, terms and conditions contained in the said purchase order(s)/ contract(s), *supra*, the Bank shall, without demur, repay and indemnify IDMC Limited within seven (7) working days as the bank may be

called upon to pay subject to a ceiling of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_);

2. We, \_\_\_\_\_ (name of the bank), further agree that this performance guarantee will remain in full force and effect up to \_\_\_\_\_ by which duration IDMC

Limited believes it may be reasonable to certify that the defect liability period has been successfully completed as per the details contained in the purchase order(s)/ contract(s), *supra*.

3. That the bank shall not question any of the details, terms and conditions contained in the said purchase order(s)/ contract(s), *supra*, including but not limited to the amount of consideration agreed upon between IDMC Limited and the vendor and/ or service provider for the purposes of determining its acceptance of liabilities under this bank guarantee and forthwith accept the demand of IDMC Limited to determine this bank guarantee.
4. That at the written request of either IDMC Limited or the vendor and/ or service provider, the bank shall renew this bank guarantee before it's date of expiry.
5. The Bank agrees that the amount hereby guaranteed shall be immediately due and payable to IDMC upon serving the bank with a notice before the date of expiry or date of claim/ demand, whichever is earlier. The claim can be lodged by IDMC Limited up to 45 days beyond the date of expiry or extended date of expiry.
6. This Bank Guarantee shall be subject to the law as applicable in India.
7. Notwithstanding anything stated herein before:
- (i) The Bank's liability under this guarantee is restricted to Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_ only);
  - (ii) This guarantee shall remain in force till \_\_\_\_\_ and;
  - (iii) The Bank is liable to pay the guaranteed amount or any part thereof under this bank guarantee only if IDMC Limited serves upon the Bank a written claim/ demand on or before (Date of Claim/ Demand) including 45 days of grace period from the date of expiry.

"In the event of invocation, the details to be sent to the branch address with branch email id \_\_\_\_\_

Marking a copy to our back-office email id \_\_\_\_\_."

IN WITNESS WHEREOF, the bank has signed on this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

Signature of Bank Manager

### Bank Guarantee to secure advance

Currency: INR / EURO / USD / ETC..	Amount in figures		
Amount in words			
Date of execution		Date up to when in force/ Date of expiry	
Date of Claim/ Demand (up to 45 days beyond the date of expiry)			
Name and address of beneficiary	IDMC Limited, Plot no. 124-128, GIDC Estate, Vithal Udyognagar, District Anand, Gujarat -388121		
Name and address of the vendor and/ or service provider (i.e. purchaser of the bank guarantee from the bank)			

THIS deed of guarantee made on this \_\_\_\_\_ day of \_\_\_\_\_, between \_\_\_\_\_ (name of the bank issuing this guarantee), herein after called 'the bank', on the first part and \_\_\_\_\_ (hereinafter referred to as 'vendor and/ or service provider in relation to IDMC Limited' and 'purchaser in relation to the bank' respectively) on the second part.

WHEREAS, the purchaser of the bank guarantee has been engaged by IDMC Limited as a vendor and/ or service provider for \_\_\_\_\_ (e.g. design, manufacture and supply of equipment or installation/ testing/ commissioning/ job work/ preventive maintenance/ break-down maintenance/ consulting or advising services as envisaged in purchase order(s)/ contract(s) \_\_\_\_\_ dated \_\_\_\_\_) which is required to be supplied/ provided latest by \_\_\_\_\_ (dd/mm/yyyy) in pursuance of the said purchase order(s)/ contract(s)

WHEREAS, IDMC Limited is required to pay the vendor and/ or service provider a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) against submission of this bank guarantee towards part value of \_\_\_\_\_ (description of goods and/ or services) ordered to be manufactured/ supplied/ provided under the said purchase order(s)/ contract(s);

AND WHEREAS, at the request of the vendor and/ or service provider, the bank has agreed to guarantee the refund of the said amount, in case the aforesaid goods and/ or services do not deliver to the satisfaction of IDMC Limited as per the terms and conditions of the said purchase order(s)/ contract(s).

NOW THIS DEED OF GUARANTEE DOES WITNESSETH AS UNDER:

1. That in consideration of IDMC Limited having agreed to pay an advance of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) to the vendor, the bank does hereby irrevocably guarantee and indemnify that if the vendor and/ or service provider fails to supply/provide to IDMC Limited the goods and/ or services as per the details, terms, and conditions contained in the said purchase order(s)/ contract(s), *supra*, the Bank shall, without demur, repay and

indemnify IDMC Limited within seven (7) working days all such advances paid by IDMC Limited to the vendor and/ or service provider as the bank may be called upon to pay subject to a ceiling of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_);

2. That the guarantee furnished herein shall be realized and discharged the moment the vendor and/ or service provider supplies/ provides the equipment to the satisfaction of IDMC Limited, as per the details, terms and conditions contained in the said purchase order(s)/ contract(s);
3. That the bank shall not question any of the details, terms and conditions contained in the said purchase order(s)/ contract(s), *supra*, including but not limited to the amount of consideration agreed upon between IDMC Limited and the vendor and/ or service provider for the purposes of determining its acceptance of liabilities under this bank guarantee and forthwith accept the demand of IDMC Limited to determine this bank guarantee.
4. That at the written request of either IDMC Limited or the vendor and/ or service provider, the bank shall renew this bank guarantee before it's date of expiry.
5. That the Bank agrees that the amount hereby guaranteed shall be immediately due and payable to IDMC on serving the bank with a notice before the date of expiry or date of claim/ demand, whichever is earlier. The claim can be lodged by IDMC limited up to 45 days beyond the date of expiry or extended date of expiry.
6. This Bank Guarantee shall be subject to the law as applicable in India.
7. Notwithstanding anything stated herein before:
  - a. The Bank's liability under this guarantee is restricted to Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_ only);
  - b. This guarantee shall remain in force till \_\_\_\_\_ and;
  - c. The Bank is liable to pay the guaranteed amount or any part thereof under this bank guarantee only if IDMC Limited serves upon the Bank a written claim/ demand on or before (Date of Claim/ Demand) including 45 days of grace period from date of expiry.

"In the event of invocation, the details to be sent to the branch address with branch email id \_\_\_\_\_  
Marking a copy to our back-office email id \_\_\_\_\_."

IN WITNESS WHEREOF, the bank has signed on this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

Signature of Bank Manager



**Enquiry Reference no.:** IDMC/ Sourcing & VD/ 2024-25/ Enquiry/ 348 dated 21.02.2025

## **7. Technical Specifications**

### **DRY OFFSET PRINTING MACHINE**

Eight colors

Capacity: 650 cups per minute

#### **REVISION HISTORY**

Rev	Item Description	Create	Checked	Approved	Date
R0	Dry Offset Printing machine				13.02.2025



## 1.0 GENERAL DATA

- Location: Narela, Delhi, India
- Ambient Temperature: -5° to 50° C
- Operation: 3 shifts /day, 24 working hours/day
- Electrical Supply: 3 Phase, 415 V  $\pm$  10%, 50Hz

## 2.0 FUNCTIONAL REQUIREMENTS

The dry offset machine should print the eight-colour design on the PP/HIPS cup and container. The feed table would feed the single cup/container to the pre-corona station and then print the station to the discharge unit. The machine should be PLC-HMI controlled with an interfacing facility with the central automation system.

## 3.0 DESIGN REQUIREMENTS

Product	Dry offset printing machine
Model	Supplier to confirm
Output Capacity	Min. 650 cups /min.
Accuracy	Supplier to confirm
Printing material	PP, HIPS cups/containers
Quantity required	2 Nos.
Colours to be print	Eight
Ink Curing	UV
Utilities consumption of machines should be minimum (OEM to check and confirm)	(i) Electrical: 1. Electrical power connected: <b>Supplier to confirm</b> 2. Electrical power during operation: <b>Supplier to confirm</b> (ii) <u>Compressed Air</u> : <b>Supplier to confirm</b> (iii) <u>Cooling Water</u> : Pressure: <b>Supplier to confirm</b> Flow Rate (LPH): <b>Supplier to confirm</b> Temp.: <b>Supplier to confirm</b>

## **4.0 SCOPE OF SUPPLY**

### **4.1 Main Machine**

Eight colours dry-offset printing machine for printing round containers/cups. The maximum speed of the printing machine is 650 cups per minute.

- Product Characteristics:
  - Maximum rim dia of Cup :185-205mm
  - Minimum rim dia of cup:50-60mm
  - Maximum cup height:200mm
  - Minimum cup height:30mm
  - Maximum print height:145-150mm
  - Minimum print height:20mm
  - Taper: 2°-15°
- Maximum stack length at cup feeding: 2100mm
- Stack length at discharge: up to 800mm

### **4.2 Ink curing**

- UV-based ink curing system
- Technical details of ink curing lamps are required

### **4.3 Printing blanket**

- Printing blanket technical details are required

### **4.4 Printing plate**

- Plates technical details are required

### **4.5 Infeed Automation (Automatic cup feeder)**

For continuous feeding containers/Cups in the feed station are required with the following.

- Elevator with electrical pusher
- Stainless steel trays
- Continuous containers/cup stacks with servo motor
- Transfer of cups from trays to printing machine by conveyor belt in tune with machine speed
- Channel from conveyor to loading screws

### **4.6 Printing /Inking Section**

The following are the requirements for the printing section.

#### **4.6.1 Print Section**

- Separate servo drive is required for printing unit
- Required Chrome plated offset cylinder with each printing section, for placing the rubber blankets with adhesive tape
- Required “No cup -No print” system

#### **4.6.2 Plate cylinder**

- Eight plate cylinders are required
- Required Spring loaded pin bars for fast plate change
- Plate cylinder gears are to be disengageable (3 position)

#### 4.6.3 Inking Unit

Type of inks and solvent details are furnished by the bidder

- 8 inking units are required
- Open horizontally a full 90° for easy access to rollers and plate cylinder
- 2 applicator rollers are required (one driven) for inking unit no.1 to 7
- 1 applicator roller is required, driven, for inking unit no. 8
- 2 oscillating rollers on needle bearings are required, with cooling connection
- 2 rubble rollers are required for pressure adjustment
- Required 1 dab roller (transfer) with dab time adjustment over the display
- Required 1 ductor roller (harden) with cooling connection
- 1 leak proofed ink fountain is required
- 1 ink agitator for the ink fountain is required
- Required Switch ON/OFF for applicator rollers and automatic “no cup -no print” function

#### 4.6.4 Lubrication system

- Required Automatic central lubrication system for all inking units controlled over the PLC

#### 4.6.5 Wash up system

The washing system is required for fast changeover with the following features.

- Pneumatic motor to drive inking unit individually
- Washing solutions take to be fixed
- For washing of all 8 inking units during production changeover, the washing system allows quick and easy auto-cleaning

#### 4.6.6 Ink Cooling

- Inking cooling system is required for better printability

#### 4.6.7 Blanket Cylinder Cover

- Blanket cylinder covers are required as protection of the rubber blankets and gears from contamination during production such as dust, ink mist or UV light

### 4.7 Base, Index and Transfer Unit

Following are the requirements for index and transfer Unit.

#### 4.7.1 Turret Head Drive and Indexing with Torque Motor

- Heavy duty Torque motor
- Eight stations indexing
- Index hub with eight quick change mandrel position
- Water cooling connection for torque motor

#### 4.7.2 Servo drive screw loader

- Located with double cup detection
- Unit for 4 feeder screws (counter rotating)
- Hinges open for total accessibility

**4.7.3 Mandrel drive for Pre-treatment station**

- Mandrel drive for pre-treatment
- Automatic adjustment for drive wheel to accommodate wear, permitting correct drive wheel pressure

**4.7.4 Printing Unit and Mandrel servo drive for print station**

- Automatic adjustment for drive wheel to accommodate wear, permitting correct drive wheel pressure
- Synchronizes mandrel speed and blanket speed
- Minimize wear of blanket starter strip
- Blanket Offset cylinder
- Printing unit to be automatically moves backwards when an empty mandrel arrives in the printing station, preventing the printed mandrel.

**4.7.5 Mandrel drive for UV station**

- Automatic adjustment for drive wheel to accommodate wear, permitting correct drive wheel pressure

**4.7.6 Quality rejection station**

- Push button for selected blow-off a single cup for print quality control
- Automatic cup blow-off of defective cups

**4.7.7 Belt Take off Unit**

- Driven by frequency-controlled AC drive
- Adjustable speed over the display
- Scale for easy and fast set-up

**4.7.8 Pneumatic Control Panel**

- All pneumatic components on one panel at a convenient height for servicing

**4.7.9 Safety Devices**

The following safety devices are required.

- Cabinet with safety interlocks for the security of the operating personnel
- Large doors on all sides for easy access
- Noise suppression insulation inside of cabinet
- Window to observe operations inside cabin during set up without compromising operator's safety

**4.8 Corona Pre-treatment**

Corona treatment unit is required with the following.

- Mandrel rotation monitoring
- Pinhole and porosity detector
- Exhaust system to remove Ozon air
- Automatic blow-off device for faulty cups

**4.9 UV Curing System**

Uviterno or equivalent UV drying system is required with following:

- UV lamp holder with central adjustment
- With Display
- Mandrel rotation monitoring
- Exhaust system to remove hot air and Ozon from UV lamp area
- Sliding lamp unit -during machine stop, lamp will go to half power

**4.10 Printed cup automatic discharge system**

It receives the cups (put one into the other) as they leave the printing unit. It transfers them to the counting screw area where are accurately counted and separated to produce stacks containing a pre-set number of cups.

- Take off the conveyor belt to transfer the cups
- Belt speed is synchronized to eliminate the fluctuation in stack pressure for accurate counting
- Laser optical detection for counter
- Pneumatic stack separator with central adjustment
- Multiple stack discharge roll table with adjustable angle
- Maximum stack length to be defined by bidder

**4.11 Control Panel**

Siemens touch screen display for machine operation with the following features is required

- Machine operation parameters
- Production recipe storage
- Production of data control and monitoring
- Alarm and advice menu
- Security levels of process and operator
- Product reject data and analysis
- Trend analysis

**4.12 Electrical Control Cabinet**

An air-conditioned electrical control cabinet is required.

Details of electrical components are to be furnished by the bidder

**4.13 Set of Tooling**

- One set of tooling for one cup size is required with main machine
- Two extra sets of tooling for different sizes of cups are also required
- IDMC will provide the sizes/specifications of cups for set of tooling

**4.14 Safety Devices**

The following safety devices are required.

- No Cup No Print: which prevents the mandrels from being covered with ink in case of missing container. It is to be electrically controlled and driven
- Check for revolution numbers under the treatment and UV: It checks the mandrel rotation and rotation of container to prevent the production of cups that have not been treated all over the surface or production of cups that have not been completely exposed to UV radiation after printing
- Feeding Control: It stops the machine if a container is wrongly loaded onto a mandrel
- Discharge control: It stops the machine if a container is not complete and correctly discharge from the unloaded mandrel
- The UV lamp is to be provided with all necessary protection to contain the ultra- violet rays which are to be produced during the machine running.
- All the protection guards that can be opened are to be controlled by one or more safety microswitches which immediately stop the machine if the protection is opened while the machine is working.
- Emergency button is required on the control panel and also at necessary required position on the machine

**4.15 Chiller**

Chiller is required with main machine. The following details are furnished by the bidder

- Water requirement
- Electrical load

- Water temperature, flow rate and pressure

## **5.0 FACTORY ACCEPTANCE TRIAL(FAT)**

IDMC may depute their representative to witness the FAT at the supplier's factory. In case of non-deployment of its representative, the bidder shall conduct the FAT on their own and the same can be witnessed online.

## **6.0 SUPERVISION, INSTALLATION AND COMMISSIONING TRAINING – Applicable as per clause no. 4.7 of Special conditions of contract**

## **7.0 TRAINING**

It should be provided at the plant location to operation and maintenance staff and should generally include:

- To communicate theory, safety aspects, service and machine guidelines, and operator troubleshooting guidelines for production and maintenance staff.
- Familiarization with start-up procedures, control during operation & adjustments.
- Fault finding & maintenance on control systems & control equipment, including electronic circuits & microprocessors.
- The supplier would train all levels of staff of the Project authority in operating the plant and control systems including managers, engineers, supervisors, operators and maintenance personnel. Emphasis will be given on application as well as operation.
- Training would be given at the site during testing and commissioning of the plant, and a schedule will be proposed by the supplier, together with the content of training programs. The schedule shall be made well in advance.

## **8.0 SPARES AND TOOLS**

The supplier shall provide essential spare parts/consumables considering normal operation for two years of operation of each equipment (8500 hrs. for 1<sup>st</sup> year/machine + 8500 hrs. for 2<sup>nd</sup> year /machine).

Supplier shall also submit an undertaking that the provided spares are sufficient for two years or 8500 hours per year of normal operation of each printing machine.

A list of such spare parts must be furnished with the offer.

Any essential special tools as recommended by OEM shall be supplied along with the machines. From the stock of supplied spare if used during commissioning shall be replenished by the supplier free of charge.

In the event of termination of production of the spare parts:

- a. Advance notification to be given to the Purchaser of the pending termination, so as to give sufficient time to the Purchaser to procure its needed requirements; and
- b. Following such termination, furnish at no cost to the Purchaser the blueprints, drawings and specifications of the spare parts, if and when requested.

However, it may be noted that the vendor needs to ensure the availability of spare parts for a period of minimum 10 years from the date discontinuing particular model of machine or machine part.

Supplier should submit complete technical proposal along BOQ with their MLFB/ CAT No. of Hardware and Software specification along with Automation Architecture for appraising.

Supplier should submit original as built software and licenses after commissioning to the customer.

Supplier should provide appropriate hardware and software for remote assistance with suitable firewall/ VPN system .

Supplier ought to consider 30% spare work memory and retentive memory in the automation and SCADA system.

Supplier shall submit list of mandatory spares /consumables / tools and tackles being supplied along with machine.

## **9.0 DOCUMENTATION AND DRAWINGS**

Within three weeks of receiving purchase order or Letter of Intent (LOI)

- General arrangement drawings have overall dimensions, foundation details, and static and dynamic load detail specifications with makes and models of all bought-out items. The drawing of the machine shall be submitted for approval prior to start the manufacturing of machine
- Electrical wiring diagram
- Pneumatic and hydraulic circuit
- Detailed installation/erection procedures and checklist of all the items

### **Prior to Dispatch**

- Final Inspection report of factory acceptance test and test certificates
- Manufacturer / Supplier's guarantee certificate.
- List of all spares related to machine with its part number
- Software and programming should be provided with a machine (Soft copy in CD / Pen drive)
- Detailed packing list
- Operation & Maintenance Manuals in soft copy.

## **10.0 PACKING**

- Machines shall be thoroughly clean, inspected and sealed to prevent any foreign material ingress prior to dispatch
- Sea / Road worthy packing
- Machines shall be fitted with engraved name plate containing pertinent details such as make, model, capacity, PO Ref, Tag No. etc.

## **11.0 DELIVERY**

The delivery shall be within 6 months (Ex-Works) from the date of receipt of purchase order/LOI. However, suppliers should get approval of IDMC prior to dispatch.

## **12.0 REMOTE SERVICE ACCESS**

One-year remote service access to be included after commissioning and for further access yearly charges to be quoted in advance

## **13.0 WARRANTY (Applicable as per clause no. 3.15 of General conditions of contract)**

**14.0 SERVICE CONTRACT (One year after demonstration of performance of the machine)**

Suppliers are required to arrange for visit of trained service engineer every quarter (4 visits per year) to the project site for taking care of the supplied machine. This visit would not include warranty related or any breakdown visits

The supplier shall guarantee the following:

- Accuracy of rated capacity
- The system should run continuously during operation
- The supplier shall be responsible for free-of-cost replacement or repair if any within the warranty period.

Supplier shall submit Breakdown visit charges after completion of warranty period and it's breakup along with terms & conditions on per visit basis and price validity for 3 years applicable after warranty period.

**15.0 ACCEPTANCE OF PERFORMANCE TRIAL AT IDMC, NARELA, DELHI**

The following production runs are considered as acceptance of performance of the printing machine

- Eight colour printing of 80/85/90g PP/HIPS cup at full speed as per Annexure-A
- Eight colour printing of 50g PP/HIPS cup at full speed as per Annexure-B
- Eight colour printing of 200g PP/HIPS cup at full speed as per Annexure-C
- Eight colour printing of 400g PP/HIPS cup at full speed as per Annexure-D



**ANNEXURE-A**

Description	Print trial -CUP - 80/85/90g
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Speed	650 cups/minute
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Substrate	Poly Propylene /HIPS	
	Description of cup	Specification
	Weight	Min 3.2 g
	Top (OD)	(79.7 $\pm$ 0.2) mm
	Collar (OD)	(71.1 $\pm$ 0.2 - 0.7) Mm
	Neck (OD)	(66.5 $\pm$ 0.2) mm
	Bottom (OD)	(59 $\pm$ 0.3) mm
	Height	(38 $\pm$ 0.3) mm
	Lip Thickness	(0.64 $\pm$ 0.03) mm

No. Of colours	08
Design	Half tone & line work

Quality Parameter for acceptance	
Print readability	Legible
Product resistance stability	Deep fridge and fat resistance
Barcode readability	Should be verified with bar code Reader
Tape test	Should be pass with scotch tape
Odour	No objectionable odour
Print quality	Should be free from misregistration smudge, ghosting and other print defect

Production hours	Eight hours
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**ANNEXURE-B**

Description	Print trial - CUP-50g
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Speed	650 cups/minute
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Substrate	Poly Propylene/HIPS	
	Description of cup	Specification
	Weight	2.5 g $\pm$ 5%
	Top (OD)	(80 $\pm$ 0.5) mm
	Collar (OD)	(74.5 $\pm$ 0.5) mm
	Neck (OD)	(65 $\pm$ 0.5) mm
	Bottom (OD)	approx. (58 $\pm$ 0.3)
	Height	(31.4 $\pm$ 0.5) mm
	Lip Thickness	(0.5 $\pm$ 0.03) mm

No. Of colours	08
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Design	Half tone & line work
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Quality Parameter for acceptance	
Print readability	Legible
Product resistance stability	Deep fridge and fat resistance
Barcode readability	Should be verified with bar code Reader
Tape test	Should be pass with scotch tape
Odour	No objectionable odour
Print quality	Should be free from misregistration, ink smudge, ghosting and other print defect

Production hours	Eight hours
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**ANNEXURE-C**

Description	Print trial -CUP-200g
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Speed	650 cups/minute
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Substrate	Poly Propylene /HIPS	
	Description of cup	Specification
	Weight	(6.0 ± 0.3) g
	Top (OD)	(79.7 ± 0.2) mm
	Collar (OD)	(71.1 ± 0.2 - 0.7) mm
	Neck (OD)	(66.5± 0.2) mm
	Bottom (OD)	(59 ± 0.3) mm
	Height	(76± 0.3) mm
	Lip Thickness	(1 ± 0.03) mm
	No. Of colours	
No. Of colours	08	
Design	Half tone & line work	

Quality Parameter for acceptance	
Print readability	Legible
Product resistance stability	Deep fridge and fat resistance
Barcode readability	Should be verified with bar code Reader
Tape test	Should be pass with scotch tape
Odour	No objectionable odour
Print quality	Should be free from misregistration, ink smudge, ghosting and other print defect

Production hours	Eight hours
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**ANNEXURE-D**

Description	Print trial -CUP- 400g
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Speed	650 cups/minute
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Substrate	Poly Propylene/HIPS	
	Description of cup	Specification
	Weight	12 g $\pm$ 5%
	Top (OD)	(95.0 $\pm$ 0.2 - 0.5) mm
	Collar (OD)	(87.5 $\pm$ 0.8) mm
	Neck (OD)	(82.5 $\pm$ 0.2 - 0.4) mm
	Bottom (OD)	Approx (67.8 $\pm$ 0.3) mm
	Height	(105 $\pm$ 0.5 - 2.0) mm
	Lip Thickness	1.10 mm
	No. Of colours	
No. Of colours	08	
Design	Half tone & line work	

Quality Parameter for acceptance	
Print readability	Legible
Product resistance stability	Deep fridge and fat resistance
Barcode readability	Should be verified with bar code Reader
Tape test	Should be pass with scotch tape
Odour	No objectionable odour
Print quality	Should be free from misregistration, ink smudge, ghosting and other print defect

Production hours	Eight hours
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### TECHNICAL SPECIFICATION

Following is the summary of the Eight colour dry offset printing machine

No.	Description	Specification
1	Printing Process	Dry Offset
2	Numbers of print colours	8
3	Maximum Speed	650 cups/minute
4	Specification of Cup	
4.1	Material	PP, HIPS
4.2	Maximum Printing height	145-150mm
4.3	Minimum Printing height	20mm
4.4	Maximum Printing length	500mm
4.5	Maximum rim dia of cup	185-205mm
4.6	Minimum rim dia of cup	50-60mm
4.7	Maximum cup height	200mm
4.8	Minimum cup height	30mm
4.9	Taper	2°-15°
5	Ink curing	UV
6	Printing blanket thickness	Details to be furnished by bidder
7	Printing plate thickness	Details to be furnished by bidder
8	Auto cup feeder unit	
8.1	Motorized continuous cup feeding system	Required
8.2	Maximum length of feeding tray	Details to be furnished by bidder
8.3	Transfer cup from tray to printing machine with synchronized speed	Required
8.4	Infeed channel from conveyor to screw loader	Required
9	Print section	
9.1	Servo drive for print unit	Required
9.2	Plate cylinders	Required
9.3	Pin bars for plate change	Required
9.4	Ink Unit	Required
9.5	Wash up system	Required
9.6	Type of inks	Details to be furnished by bidder
9.7	Solvent	Details to be furnished by bidder
9.8	Ink unit cooling	Required
9.9	Automatic central lubrication for all ink units	Required
10	Indexing device for eight stations	Required
10.1	Servo drive for screw loader	Required
10.2	Double cup detection system	Required

10.3	Mandrel drive for pre-treatment station	Required
10.4	Separate mandrel servo drive for print station	Required
10.5	Mandrel drive for UV station	Required
10.6	Print quality rejection station	Required
11	Corona pre-treatment	
11.1	Electrical generator load	Details to be furnished by bidder
11.2	Pinhole/porosity detection (all around cup)	Required
11.3	Exhaust system to remove Ozone air	Required
11.4	Automatic blow-off device for faulty cups	Required
12	UV Curing System	
12.1	Electrical load	Details to be furnished by bidder
12.2	UV lamp holder with central adjustment	Required
12.3	Mandrel rotation	Required
12.4	Hot air and Ozon exhaust	Required
12.5	UV safety	Required
12.6	Cooling system to keep the working temperature within the limits	Required
13	Printed cup Automatic discharge/Transfer	
13.1	After printing completion, automatic cup transfer system to counting screw area	Required
13.2	Conveyor belt to transfer cups from belt take off to counter	Required
13.3	Laser optical detection for counter	Required
13.4	Pneumatic stack separator with central adjustment	Required
13.5	Multiple stack discharge roll table with adjustable angle	Required
13.6	Max possible stack length	Details to be furnished by bidder
14	Electric control cabinet	
14.1	Electrical cabinet (Siemens PLC)	Required
14.2	Air conditioning for switch cabinet	Required
15	Operator Control Panel	
15.1	Siemens touch screen colour graphic panel	Required
15.2	Production of data control and monitoring	Required
15.3	Visual advice menu for maintenance work	Required
15.4	Storage for set-up recipes	Required

15.5	Reject function for standard, mandrel and blankets	Required
15.6	Security levels for operators/set-up/supervisory controls	Required
16	Electrical	
16.1	Connected load	Details to be furnished by bidder
16.2	Running load	Details to be furnished by bidder
17	Pneumatic	
17.1	Compressed air	Details to be furnished by bidder
17.2	Exhaust	Details to be furnished by bidder
18	Chiller	Required
18.1	Cooling capacity	Details to be furnished by bidder
18.2	Water requirement	Details to be furnished by bidder
18.3	Flow rate	Details to be furnished by bidder
18.4	Pressure	Details to be furnished by bidder
19	Three sets of tools for different cup sizes	Required
	Cup Specification will be provided by IDMC	
20	Ambient Temperature	-5° to 50° C
21	Relative Humidity	90%
22	Machine dimension	Details to be furnished by bidder
23	Machine Weight	Details to be furnished by bidder
24	Noise Level	Details to be furnished by bidder
25	Safety	
25.1	No cup No print	Required
25.2	Check for revolution number under treatment and UV: to prevent production of no treatment and no UV cured cup	Required
25.3	UV rays' protection	Required
25.4	Emergency button at operator panel and at necessary place on the machine	Required
25.5	Cabinet with safety interlocks for the security of the operating personnel	Required
25.6	Noise suppression insulation inside the cabinet	Required
25.7	Window to observe operation inside the cabin during set up (at high speed)	Required

26	Online access to the machine /Remote access	Required
27	Electrical component details & make	Details to be furnished by bidder
28	PLC, Drive details & make	Details to be furnished by bidder
29	Pneumatic control details &make	Details to be furnished by bidder

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