

GOVERNMENT OF MIZORAM
COMMISSIONERATE OF EXCISE & NARCOTICS
MIZORAM : AIZAWL.

Tender No: D.21013/2/2014 - COMEX Dated Aizawl, the 24th November, 2014

**TENDER FOR PRODUCTION AND SUPPLY OF POLYESTER
BASED TAMPER EVIDENT HOLOGRAM LABELS**

Date of Issue : 24th November, 2014

Date of Tender Submission : 11th December, 2014, 4:00 PM

Date of opening of Technical Bids: 12th December, 2014 1:00 PM

Office Address:

Commissionerate of Excise & Narcotics
Commissionerate of Excise & Narcotics Building
Opposite Aijal Club, Khatla; Aizawl-796001, Mizoram.

Table of Contents

1. SCOPE :-	3
2. DISCLAIMER:-	3
3. QUALIFICATION CRITERIA (COMMERCIAL)	4
4. QUALIFICATION CRITERIA (TECHNICAL)	7
5. SPECIAL TERMS AND CONDITIONS OF TENDER FOR THE PRODUCTION AND SUPPLY OF TAMPER EVIDENT SECURITY HOLOGRAMS	8
6. EXPERIENCE	16
7. TENURE OF THE TENDER.	17
8. SUBMISSION OF TENDER / BID	17
9. OPENING OF THE TENDER/BID	17
10. SPECIFICATION AND FEATURES	18
A. MASTER ORIGATION	18
B. NON HOLOGRAPHIC FEATURES IN THE HOLOGRAM	19
C. SECURITY HOLOGRAM	20
11. PARTICULARS OF THE TENDERER	23
12. PRICE BID FOR POLYESTER BASED SECURITY HOLOGRAM EXCISE LABEL	26
13. PRICE BID FOR MASTER ORIGATION	27

1. SCOPE :-

The Notice Inviting Tender is issued for procurement of Polyester Based Tamper Evident Security Holograms which can be identified by the user himself with naked eyes and cannot be counterfeited for affixation on liquor/beer/wine bottles, including cans sold in the State of Mizoram under annual rate contract system for supply to the Commissioner of Excise& Narcotics, Mizoram, Aizawl.

2. DISCLAIMER:-

Though adequate care has been taken in the preparation of this Tender Document, the tenderer should satisfy himself that the documents furnished in response to this notice are complete in all respects. Intimation of discrepancy, if any, should be given to Excise& Narcotics Department immediately. If Excise& Narcotics Department receives no intimation, it shall be deemed that the tenderer is satisfied that the Tender Document is complete in all respects.

- A. The bids are invited under the **two bid system** namely: **Technical Bid** and **Price Bid** which should be submitted in separate sealed envelopes marked 'A' and 'B' respectively and these two envelopes should be inserted into a bigger envelope marked 'C'. Technical bid will be opened first and will be evaluated as per specifications and all terms and conditions. Thereafter, Price bid will be opened only for those bidders whose bids were found to be technically qualified.
- B. Tenderer must submit copies of complete technical bid, including qualification criteria, Earnest money deposit and related documents/technical literature/brochure duly attested except the price bid in Envelope marked 'A'. The Price bid should be kept in the Envelope marked 'B'. These documents must be deposited in the office of the Commissioner of Excise& Narcotics, Mizoram, Aizawl on or before the last date and time of bid submission.
- C. If required, the Department may carry out physical inspection of the manufacturer's premises to ascertain the technical capability of the tenderer, the facilities available and manufacturing capacity as part of the technical evaluation to decide on the eligibility of the tenderer. During such visits, all the machines, processes and other inter-mediatory processes must be in working and running condition.
- D. The successful tenderer should provide necessary training to Excise & Narcotics Departmental Officers and provide testing equipment/accessories to the Department free of cost.

3. QUALIFICATION CRITERIA (COMMERCIAL)

Sl. No.	Details	Compliance Yes/No
1.	<p><u>Earnest Money & Testing Charge :</u> Earnest money deposit (EMD) of ₹ <u>7,20,000</u> (<u>Seven lakhs twenty thousands only</u>) and Testing Charge of ₹ <u>10,000</u> (<u>Ten thousands only</u>) for Security Holograms should accompany the tender in the shape of Call Deposit and Demand Draft (DD) or Pay Order respectively, drawn in favour of ‘the Commissioner of Excise & Narcotics, Mizoram’ payable at Aizawl. Only Payment of Earnest money & Testing Charge by Call Deposit and Demand Draft/Pay Order respectively will be acceptable. Tender not accompanied by Earnest Money and testing charge will not be considered.</p>	
2.	<p><u>Manufacturer :</u> The tenderer must be a manufacturer of Polyester based Security Holograms and self-certified copy of manufacturing certificate/License issued by the competent authority must be submitted. No authorized Traders/agents of manufacturer shall be considered.</p>	
3.	<p><u>Turnover :</u> The tenderer should be a profit making organization and should have a minimum annual turnover of ₹ <u>50 crores</u> for Polyester based security holograms during the last three financial years (2011-2012, 2012-2013, 2013-2014). Copies of audited balance sheet along with a Chartered Accountant’s Certificate in support of this claim must be submitted.</p>	
4.	<p><u>Performance Quarantee :</u></p> <p>i) The successful tenderer shall deposit ₹ <u>36,00,000</u> (<u>Thirty six lakhs only</u>) as Security Deposit either in the form of a Call Deposit in favour of ‘The Commissioner of Excise & Narcotics, Mizoram’, payable at Aizawl or through Bank Guarantee (BG) within 10(ten) days from the date of acceptance. The Security Deposit shall be released after 06 (six) months on successful completion of contract. The Earnest money shall be refunded after security deposit is provided.</p> <p>ii) The said security shall stand forfeited, appropriated, adjusted in full, in the event of:-</p> <p>a) The supply in part or in full are not effected in accordance with the delivery schedule.</p> <p>b) In the event of rejection of consignment on account of</p>	

	<p>sub- standard product and infringement of security requirements, not in conformity with the specifications.</p> <p>c) Any act or breach of trust.</p> <p>d) In case the tenderer whose tender is accepted fails to deposit the security deposit and execute the agreement as required by the Commissioner of Excise& Narcotics within 10 (ten) days of the acceptance of the tender, his tender will be rejected outright and Earnest Money Deposit forfeited.</p>	
5.	Copy of PAN and latest Income Tax return of the bidder is to be provided	
6.	Sales Tax, VAT, Service Tax, Excise Registration, etc. Certificate of the bidder to be provided.	
7.	<p>Price:</p> <p>A. The Price (as per Para. 12] once accepted by the Excise& Narcotics Department shall remain valid till the successful execution of the order and till the supplies are fully affected and accepted. The Excise & Narcotics Department shall not entertain any increase or decrease in the rates during the period of execution.</p> <p>B. The price quoted must include all charges till the time the holograms are delivered to the office of the Excise Department of Mizoram.</p> <p>C. Prices should be inclusive of all taxes applicable as on the date as per Government rules.</p> <p>D. While quoting the rates, the tenderer should indicate the cost of the Master separately.</p> <p>E. The Excise& Narcotics Department, Government of Mizoram is not bound to accept the lowest tender and reserves the right to accept or reject any tender/bid without assigning any reason thereof.</p>	
8.	<p>Order, Delivery & Payment Terms:</p> <p>The distillers/ breweries/ bottling units shall make advance payment for the procurement of hologram to the Commissioner of Excise & Narcotics. They shall do so by way of a Demand Draft for 100% value of the holograms in favour of the successful bidder. Along with the payment, the distillers will also submit a requisition to the Commissioner of Excise& Narcotics for the number of holograms desired by them. Once this requisition is approved by the Excise & Narcotics Department, they shall intimate the successful bidder to supply the holograms to the office of the Commissioner of Excise. Once such holograms are</p>	

	received by the office of the Commissioner of Excise & Narcotics, they shall call the distillers to come and take delivery of such holograms under an invoice raised by the successful bidder in the name of the distiller. The Demand Draft received from the distillers/ bottlers/ brewers would then be handed over to the successful bidder by the Commissioner of Excise & Narcotics. The successful bidder shall arrange to dispatch the holograms within 72 hours of receiving such intimation from the Excise& Narcotics Department.	
9.	The Price Bid will be opened only for the tenderers who qualify in the Technical Bid.	
10.	List of Directors/Partners with address and contact number to be provided on Company/Firm letter head.	
11.	Full Name, Address and Contact Details of the representative who would be attending the opening of the tender on behalf of Bidder should be provided on Company/Firm letter head.	
12.	A Proper Authorization Letter on ₹ 100.00 (Rupees Hundred) Non Judicial Stamp Paper should be provided in favour of Representative/Authorized Signatory by the Bidder.	
13.	Each page of tender documents along with enclosed papers should be signed by Representative/Authorized Signatory of the Bidder with proper seal of Company/ Firm.	

4. QUALIFICATION CRITERIA (TECHNICAL)

Sl. No.	Details	Compliance Yes/No
1.	<p><u>Manufacturing Facilities :</u></p> <p>A. Tenderer must be having complete manufacturing facilities, including intermediate processes to produce holograms in-house in tenderer's premises only. None of the above said process or intermediate process shall be allowed to be subcontracted or sublet to any outside agency. The details shall be submitted as described at Paragraph 11.</p> <p>B. The tenderer must also have capability to design and manufacture the Master in-house with (1) Minimum 4000 DPI Dot matrix Master Origination System (2) Conventional 3D Master origination System& (3) Lithographic origination Head capable of shooting images of a resolution of upto 120000 DPI as per specifications.</p> <p>C. Affidavit in stamp paper stating that all the compulsory processes of manufacturing stated in point Nos. 1A. and 1B. above shall be carried out in-house and none will be subcontracted or sublet to any outside agency.</p>	
2.	<p>The unit must have Remote monitoring system through internet for entire manufacturing process. Details of security measures for access and monitoring must be submitted as per Paragraph 11 (Point 8).</p>	
3.	<p>The tenderer must be member of International Hologram Manufacturers' Association (IHMA) and Hologram Manufacturers' Association of India (HoMAI), and a copy of the Membership Certificate for the current year should be submitted.</p> <p>The successful Tenderer has to register the image as approved by the Commissioner of Excise& Narcotics, Mizoram with the IHMA image register.</p>	
4.	<p>The tenderer shall also affix one sample of Hologram on the letter head duly attested, exhibiting the name and type of features and special features along with location in the hologram.</p>	

5.	<p><u>Hologram samples should be submitted as under :-</u></p> <p>(i) The Hologram samples should be Polyester based with specified features, inkjet& Laser alphanumeric sequential numbering visible by naked eye, and containing all the features as prescribed in the tender specification.</p> <p>(ii) At least 05 (five) spools of security hologram containing minimum of 10000 (ten thousand)Holograms of size 15mm (width) x 90mm (length) with the prescribed specifications as mentioned should be enclosed along with the tender. As the sample hologram plays a major role in determining the technical capability of the tenderer, special attention should be given for preparation of sample.</p>	
-----------	---	--

5. SPECIAL TERMS AND CONDITIONS OF TENDERFOR THE PRODUCTION AND SUPPLY OF TAMPER EVIDENT SECURITYHOLOGRAMS

Special terms and conditions for the Master Origination, Manufacture and supply of Security Holograms to the Commissioner of Excise & Narcotics, Mizoram, Aizawl for affixation on liquor bottles etc. sold in the State of Mizoram.

Sl. No.	Details	Compliance Yes/No
1.	At least 4 artwork options are to be submitted by the tenderer containing all the above mentioned security features given in Paragraph 10. The actual design would be finalized by the department only at the time of placement of the order. The master may be changed at the discretion of the purchasing authority at the currency of the tender.	
2.	Technical Literature, Catalogue, Pamphlets, etc. about the facilities available with the bidder to produce the Security Hologram with the features required in the Tender.	

3.	Complete details of the different Master Origination Systems available along with all other required machines as per sequence right from beginning to end as per Paragraph 10.	
4.	The Tenderer shall be a manufacturer of holograms and must possess under one roof all the relevant and capable machines specified as compulsory in Paragraph 11 in this tender document. The successful bidder shall not be allowed to sub-contract or sublet any work or part thereof to any outside agency. Tenderers shall have to submit an affidavit on Non-Judicial Stamp Paper that all these Machines are with the tenderer only and none of these facilities partially or fully will be sub-contracted to any outside agency. All the machines must be installed within the premises of the tenderer and under a secured environment.	
5.	The tenderer should submit proof of Machineries like Purchase Bills and Custom Clearance documents, if imported, and recent photographs of the same for all the relevant machines and equipment.	
6.	Capacity of individual machines per day shall have to be provided along with the tender.	
7.	Valid Registration Certificate with IHMA and HoMAI to be enclosed.	
8.	Details of manpower with qualification to be provided.	
9.	Each page of Tender document including the specifications and Terms and Conditions in this document is to be duly signed as a token of acceptance and commitment for meeting the same.	
10.	The Tender Contract period shall be for 3(three) years, which may be extended at the sole discretion of the State Government depending on satisfactory performance of contract.	
11.	The Holograms will be affixed on IMFL, Country liquor, beer and wines and any other product as and when decided.	

12.	Successful bidder must obtain approval of the Art work, incorporating all the different features of Hologram, prior to commencing production from the Commissioner of Excise& Narcotics.	
13.	Successful bidder must arrange the material for publicity to common user regarding awareness of overt Hologram features which can be identified by the naked eyes.	
14.	The Technical Committee will evaluate the Technical Bids. Only the successful bidders that pass the scrutiny of the Technical Bids will qualify for the Commercial Bid / Price Bid opening.	
15.	The price bid will be opened only for the tenderers who qualify in the Technical Bid.	
16.	The Tenderer should ensure to the entire satisfaction of the Commissioner of Excise & Narcotics that the MASTER shall be kept in safe custody and is not tampered with, lost or damaged. In case the MASTER of the Hologram is lost or damaged or tampered, the Security Money/Earnest Money shall be forfeited together with the cost of the Master by the Department. The master shall be the property of the Excise & Narcotics Department and hence the successful tenderer shall return the original after completion of the order. The Commissioner of Excise& Narcotics can also ask the successful tenderer to keep the Master with him in safe custody by signing a Custodian Bond for the Master.	
17.	The Tenderer shall make necessary arrangement to ensure continued supply of Security Holograms in future as and when required by the Commissioner of Excise& Narcotics at the same rate as finalized in the tender.	
18.	The premises of the manufacturing unit may be inspected by the Commissioner of Excise& Narcotics or his authorized representatives to ensure fulfillment of the desired facility capability of the unit to evaluate the technical qualification. Thereafter, the successful tenderer shall facilitate the inspection/supervision of every stage of production of security holograms for the representative of the Commissioner of Excise& Narcotics as and when required.	

19.	The Tenderer should have a high security environment in his factory through internet monitoring and/or sophisticated Close Circuit Cameras and Access Control Systems and ethical security guards at their work places.	
20.	In the event of rejection of consignment on account of sub-standard product and infringement of security requirements, not in conformity with the specifications found during the inspection, the consignment shall be the property of the Excise& Narcotics Department for which no payment or compensation shall be made. The Excise& Narcotics Department shall decide to destroy such consignments.	
21.	During the opening of Technical Bid, the Tenderer or its authorized representative must come along with all original documents/invoice copies and other papers to prove the authenticity of the document submitted.	
22.	<u>Training :</u> The tenderer shall make arrangements to educate the excise officials, the bottlers and distillers for affixing the holograms on the bottles, as and when instructed by the Commissioner of Excise& Narcotics.	
23.	<u>Law governing the Contract :</u> A. The Laws of India shall govern this contract. B. Irrespective of the place of delivery, the place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued. C. In respect of all tender conditions, the decision of the Commissioner of Excise& Narcotics shall be final and binding. In the event of any dispute arising out of the tender, such dispute would be subject to the jurisdiction of the Courts within the City of Aizawl, Mizoram.	
24.	<u>Signing of the tender :</u> A. The tender is liable to be rejected if complete information is not given therein or if the particulars and date, if any, asked for in the tender are not fully filled in. Specific attention must be paid to delivery dates and	

	<p>also to the terms and conditions for tender and general conditions of the contract.</p> <p>B. An individual signing the tender or any other documents connected with a contract must specify whether he signs as:</p> <ul style="list-style-type: none">I. A Sole Proprietor of the firm or a duly constituted attorney of such Sole Proprietor.II. A partner of the firm, if it be a Partnership, in which case he must have the authority to refer to a Court of competent jurisdiction any dispute concerning the business of the partnership either by virtue of the agreement or of a power of attorney, orIII. A constituted attorney of the Firm if it is a company.IV. In case of the above, a copy of the partnership agreement or general power of attorney in either case, attested by Notary Public, and should be furnished to the Commissioner of Excise & Narcotics or an affidavit on stamp paper of all the partners admitting execution of the partnership agreements or the general power of attorney should be furnished.V. In case of partnership firm, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, every partner of the firm must sign the tender and all other related documents.VI. A person signing the tender form or any other documents forming part of the contract on behalf of another shall be deemed to be a warranty that he has authority to bind such other person(s) and if, on enquiry it appears that the person so signing had no authority to do so, the Commissioner of Excise & Narcotics may, without prejudice to other civil or criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.	
--	--	--

25.	<p><u>Communication of acceptance :</u></p> <p>I. Acceptance of the tender by the Excise& Narcotics Department will be communicated by e-mail or Telephone or letter of acceptance and/or by a letter of intent sent by registered post or by hand delivery. In case of a tenderer whose acceptance is communicated by Telephone, a letter of formal acceptance of tender will be forwarded to the successful tenderer as soon as possible but the instructions contained in the Telephone should be acted upon immediately.</p> <p>II. The Excise& Narcotics Department reserves the right to place order on the successful tenderer for additional quantity to be supplied by them at rates quoted or mutually agreed upon during the execution from the date of acceptance of the tender.</p> <p>III. The order shall be treated as complete if the supplies are made within a variation upto + 0.1% of the ordered quantity.</p>	
26.	<p><u>Failure and Termination :</u></p> <p>If the tenderer fails to deliver the Security Holograms or any installments thereof within a period fixed for such delivery in the tender, the Commissioner of Excise& Narcotics may, without prejudice to the right of the purchaser, recover damages for breach of the contract as under :-</p> <p>I. Purchase or authorize the purchase elsewhere without notice to the supplier, on the account and at the risk of the tenderer of Holograms not so delivered or place orders for procurement of the Holograms of similar description exactly complying with the particulars specified and the orders of the Commissioner of Excise& Narcotics in this regard shall be final, without cancelling the contract in respect of the installments not yet due for delivery or,</p> <p>II. Cancel the contract or a portion thereof and, if so desired, purchase or authorize the purchase of the Security Holograms not so delivered from other firms for procurement of holograms of a similar description exactly complying with the particulars as specified and which are readily procurable, at the risk and cost of the tenderer.</p>	

	<p>III. Where the action is taken under sub-clause I or sub-clause II above, the supplier shall be liable for any loss which the Excise & Narcotics Department may sustain on that account, provided the purchase or, if there is an agreement to purchase, such agreement is made in case of failure to deliver the Security Holograms within the period fixed for such delivery, within 6(six) months from the date of the cancellation of the contract. The supplier shall not be entitled to any gain from such purchase and the manner and method of such purchase shall be at the entire discretion of the Excise & Narcotics Department authorities. It shall not be necessary for the Excise & Narcotics Department to serve any kind of notice of such purchase on the tenderer.</p> <p>IV. In case the tenderer fails to supply the required goods in the specified period, the Security Money will be forfeited.</p>	
27.	<p>Tenderer will have to pay by way of liquidating damages, and not as penalty, an amount equivalent to ½% of the contracted price of the material so delayed for each week,</p> <p style="text-align: center;">OR,</p> <p>can thereof such delay in delivery subject to a maximum of 10% of such price. For the purpose of calculating liquidating damages the date of dispatch will be taken as date of supply.</p>	
28.	<p>Non performance of the tender or contract conditions will disqualify a firm to participate in any such tender under any Department of the Government of Mizoram for the next five years. Intimation of such disqualification will be intimated to all the state governments in India.</p>	
29.	<p><u>Payment under Contract :</u></p> <p>The distillers/breweries/bottling units shall make advance payment for the procurement of hologram to the Commissioner of Excise & Narcotics. They shall do so by way of a Demand Draft for 100% value of the holograms in favour of the successful bidder. Along with the payment, the distillers will also submit a requisition to the Commissioner of Excise & Narcotics for the number of</p>	

	<p>holograms desired by them. Once this requisition is approved by the Excise & Narcotics Department, they shall intimate the successful bidder to supply the holograms to the office of the Commissioner of Excise & Narcotics. Once such holograms are received by the office of the Commissioner of Excise & Narcotics, they shall call the distillers to come and take delivery of such holograms under an invoice raised by the successful bidder in the name of the distiller. The Demand Draft received from the distillers/bottlers/ brewers would then be handed over to the successful bidder by the Commissioner of Excise & Narcotics. The successful bidder shall arrange to dispatch the holograms within 72 hours of receiving such intimation from the Excise & Narcotics Department.</p>	
30.	<p>The Excise & Narcotics Department has the right to reject or accept any or all tenders without assigning any reason thereof.</p>	
31.	<p>The Excise Department has the right to amend or change any tender condition/Qualifying criteria without assigning any reason thereof.</p>	
32.	<p>Any tenderer having or had any interest in the liquor and alcohol business or having or had any licences to deal in above related business within the state of Mizoram or any other states shall not be eligible to participate in this tender. During the tender or later on, if it is found that the tenderer/supplier commit the breach of this condition, the contract shall be cancelled. The tenderer shall not be eligible for any compensation.</p>	
33.	<p>Copy of Income Tax, PAN certificate and latest Income Tax return of the bidder is to be provided.</p>	
34.	<p>Sales Tax registration certificate of the bidder to be provided.</p>	

6. EXPERIENCE

Sl. No.	Details	Compliance Yes / No
1.	The Tenderer should have three origination systems: a) Dot Matrix origination system of 4000 DPI or more. b) Conventional 3D origination system. c) Lithographic origination head capable of shooting images of a resolution of upto 120000 DPI.	
2.	The tenderer must have at least 5 (five) years of experience both in shooting high security Dot Matrix Origination System of at least 4000 DPI or more; and Conventional 3D origination system.	
3.	The Tenderer must have at least 5(five) years of experience of manufacturing and supply of polyester based security Holograms.	
4.	The Tenderer should have supplied Polyester based Security Holograms to at least one State Excise Department in India. He should also furnish a letter from the Department certifying satisfactory performance of the tenderer upto the last financial year. The tenderer must mention the name of all State Excise Departments served by the tenderer upto the last financial year along with certifications from the competent authorities concerned.	
5.	The Tenderer should have supplied at least 10 Crore polyester based security holograms to a single customer in the preceding three years.	
6.	Copies of all required documents like Purchase Order (PO), Machines, etc. to be enclosed with tender document to prove the experience.	

7. TENURE OF THE TENDER.

The period of contract shall be for 3(three) years. The Commissioner of Excise & Narcotics however, reserves the right to extend the period of contract of the successful tenderer, with prior approval of the State Government, for any additional period after expiry of the term of the contract at the same rate as quoted in the tender.

8. SUBMISSION OF TENDER / BID

The tender / bid should be sent to the Commissioner of Excise & Narcotics, Government of Mizoram, Aizawl by registered post, speed post or by hand on the address written on Cover Page of the Tender latest by 4:00 PM on 11.12.2014. No tender bid will be accepted after 4:00 PM on 11.12.2014

9. OPENING OF THE TENDER/BID

- I. The technical bid will be opened on 12.12.2014 at 1:00 PM in the Commissionerate of Excise & Narcotics, Mizoram, Aizawl.
- II. The tenderers are at liberty to be present at or authorize a representative to be present at the opening of both the tenders - Technical and Commercial, on the date and time as specified. The name and address of the representative who would be attending the opening of the tender on his behalf should be indicated in the tender. After the evaluation of the Technical Bid, only the technically qualified tenderers will be invited to attend the opening of the Price Bid.

10. SPECIFICATION AND FEATURES

SPECIFICATION OF HIGH SECURITY HOLOGRAM FOR APPLICATION ON LIQUOR BOTTLES

A. MASTER ORIGATION

Sl. No.	Detail	Requirement	Quoted Specification	Compliance Yes/No
01	TYPE OF MASTER & HOLOGRAPHIC FEATURES	<p>High Security Master made from three separate Master Origination Systems i.e.</p> <p>(i) 3D Origination system, (ii) Dot Matrix with minimum 4000 DPI or more and (iii) Dual Head Lithography with 120000 DPI (litho-mode) master origination machine, all the three different masters from three different master origination systems to be mechanically recombined together to form a single master.</p> <p>Foreground Mizoram Excise & Narcotics Department (END) along with Mizoram Excise & Narcotics Logo and Mizoram (MZ) in running text, also a pure 3D image from an actual physical object/model will be made 3D Master Origination System.</p> <p>Multilevel Animated Effect, Kinetic Effect, Four Channel at a Single Point, Pearl Effect Having Text, Pearl Effect with 2 Channel Effect, Washed Raster Text, Pure 3D Model Effect, Text with Concealed Effect, Diffractive Animated Guilloche Pattern, Animated Image, CLR Animated Multiple Image, Emboss Effect, Micro-text in Multicolor, Four Different CLR Text at One Point, Modulated Depth Effect, Concealed Animated Text, Will be made from Dot Matrix with minimum 4000 DPI or more Master Origination System.</p> <p>Achromatic white, Fresnel element with 3D effect and Micro-text will be made from Dual Head Lithography with 120000 DPI (litho mode) Master Origination Machine</p>		
	Covert Security	<p>A secret mark will be hidden inside of Label and can be verified by x10 magnified lens.</p> <p>The 1R ink will be printed on left side of the label, it will be verified by device and illuminated green color according to the beam on the left side of labels.</p> <p>The picture or letters will be printed and verified by decoding lens on the left hand side of labels. The encoding can be read in two different words in different rotation.</p>		

The Commissioner of Excise & Narcotics may change the security features mentioned above at any time at his discretion during the tender period.

B. NON HOLOGRAPHIC FEATURES IN THE HOLOGRAM

Sl. No.	Detail	Requirement	Quoted Specification	Compliance Yes/No
01	TAGGANT FEATURE	The Complete hologram should be of complete Taggant coating (other than mirror portion) so that when a simple field test is conducted by a Taggant reader on the top layer (Polyester) of the Hologram and also on the metalize part which remains after tampering/removing top polyester of the hologram the authenticity can be proved with an immediate Yes/No result by lighting up an indicator or sounding a beep when the taggant (other than mirror portion) is found in a genuine hologram. This features will be needed to be demonstrated during technical evaluation i.e. taggant effect before and after tampering of the Hologram.		
02	MIRROR EFFECT	Pure Mirror effect (without any colour) in which the viewer can see his or her complete full face clearly and the shape of the mirror should be round and the size of the mirror should be 3.5 mm to 4 mm diameter. There should be multiple mirrors together on each Hologram. There should be minimum 3 alphabetical text of minimum 1 mm height inside the mirror and all the mirrors must have the same text. There should be special code in form of micro text between the mirrors.		
03	INKJET NUMBERING & LASER NUMBERING	Each security hologram has to be serially numbered by using inkjet and Laser in sequential Alphanumeric numbering on spool form to ensure proper accountability of the hologram		

		(numbering should not get removed by rubbing fingers). Year of manufacture will also appear in the hologram through inkjet printing process.		
04	CODING ON THE MASTER	Specialized code by white and coloured marking for 2013-14 encoded in the subsequent copies of master for Indian Made Foreign Liquor, Country Liquor, Beer, Wines and BIO. The signature of the Commissioner and also the year shall be encoded in subsequent copies of the master.		
04	OTHER FEATURES	Tamper Evident Inkjet and Laser Numbering Serrated edges with Security Cut AND Chemical Etching.		

C. SECURITY HOLOGRAM

Sl. No.	Detail	Requirement	Quoted Specification	Compliance Yes/No
01	SIZE OF THE SECURITY HOLOGRAM	15 mm (width) x 90 mm length (rectangular) with serrated edges which can be applied both automatically and manually.		
02	TYPE	Suitable for automatic applications (non manual mechanical applications over the neck and cap of the liquor bottles). Hologram should be as per the design approved and finalized by the purchasing department. The hologram should be with the Logo/Text on the face of the Hologram and readable by naked eye. The logo or text as suggested by the tendering/purchasing department be incorporated in the hologram.		

03	FILM TYPE	Tamper Evident Polyester film, (Stamping Foil), Food Grade i)Grade: EMCL Ultra Clear ii)Thickness: 36 Microns +/- 5% iii)Haze Factor: Less than 1.2% iv)Metalizing: Minimum 2.00 Optical Density.		
04	ADHESIVE TYPE	Hot melt adhesive suitable for affixation partly on bottle cap and partly on the neck of the bottle.		
05	ADHESIVE COATING	22 GSM + 10%		
06	RELEASE PAPER THICKNESS	65 + 10% GSM AND ABOVE GSM		
07	RELEASE PAPER COATING TYPE	Silicon based solvent less coating		
08	CUT	Security cuts in form of 'T' should be provided at both the ends of the hologram for better affixation on the substrate and to make sure that the hologram is completely damaged in the event of trying to remove it from its original position.		
09	FORM OF SUPPLY	Spool form with 3.0 +/- 0.50 mm gap between two holograms horizontally suitable for automatic and manual application.		
10	PACKAGING	The hologram should be supplied in continuous spool form having 10,000 holograms on a spool of 3" core I.D. suitable for both manual and automatic application of one or more spools as specified by the		

		Commissioner of Excise & Narcotics, shall be packed in one carton. For proper transit of the hologram each carton shall contain complete details of holograms packed in that carton with the numbering details as specified by the Commissioner of Excise & Narcotics.		
11	DELIVERY OF THE HOLOGRAM	Delivery of hologram to the licensees of different distilleries/ bottling plants shall be from the office of the Commissioner of Excise & Narcotics, Government of Mizoram.		
12		The security features in the hologram except Micro Text, Nano Text, Animated Laser Readable date, Washed Raster image, shall be visible to naked eye.		
13		The hologram should not be affected by normal variation in atmospheric conditions.		
14		The shelf life of the hologram shall be minimum one year without any deformation or deterioration under normal atmospheric condition.		
15		The hologram should be suitable for inkjet and Laser sequential numbering along with year of manufacture as allotted by the department.		
16		While the above are the minimum specification, the department is interested in high security hologram which gives it the best possible options with maximum security specifications/features.		

11. PARTICULARS OF THE TENDERER

Sl. No.	Details	Particulars
1.	Name of Tenderer	
2. (A)	Address of Works/Factory of Tenderer	
	(i) Phone No.	
	(ii) Fax No.	
	(iii) e-mail address	
	(iv) Name & Designation of Contact Person at Works/Factory	
2. (B)	Registered Office of Tenderer with Phone, Fax and e-mail address	
	(i) Phone No.	
	(ii) Fax No.	
	(iii) e-mail address	
	(iv) Name & Designation of Contact Person at Office	
3.	Nature of Constitution of Tenderer (Whether individual, Partnership Firm or Company registered under the Companies Act (enclosed certificate):	
4.	Name of the Chief Executive Officer	
	(i) Phone No.	
	(ii) Fax No.	
	(iii) e-mail address	
5.	Name and address of Proprietor/Partners/Directors: With their Phone/Fax/e-mail addresses)	

Sl. No.	Details	Compulsory/ Desirable	No. of Machines
6.	<u>Details of Manufacturing Facilities :</u>		
	Master Origination: (YES/NO)	Compulsory	
	(i) Dot Matrix (Min 4000 DPI) - With all the features specified in tender specification	Compulsory	
	(ii) Conventional 3D - With all the features specified in tender specification	Compulsory	
	(iii) Lithographic origination head capable of shooting images of a resolution of upto 120000 DPI	Compulsory	
	(iv) Preparation of Art Work (Computer Generated)	Compulsory	
	(v) Shooting/Recording of Design & features in Master Lab.	Compulsory	
	(vi) Chemical developing (Washing the Glass Master in chemical tank)	Compulsory	
	(vii) Recombination Process	Compulsory	
7.	Plant & Machineries:		
	(i) Slitting Machine	Compulsory	
	(ii) Electroforming System (Nickel plating on Glass Master for Production of Shims)	Compulsory	
	(iii) Embossing Machines	Compulsory	
	(iv) Hot melt Adhesive Lamination Machine capable for Hot melt adhesive coating	Compulsory	
	(v) Inspection Machine	Compulsory	
	(vi) Automatic Die-cutting Machines capable of die-cutting in spool form for automatic application of holograms.	Compulsory	
	(vii) Inkjet and Laser Numbering Machines capable of providing continuous numbering in spool form.	Compulsory	

In addition to the above, if any other machines are available, the details may be submitted on a separate sheet in the same format.

Sl. No.	Details	Compulsory/ Desirable	No. of Machines
8.	Security Equipments:		
	(i) CCTV Cameras (Nos.)	Compulsory	
	(ii) Access Control System (YES/NO)	Compulsory	

9.	Give details of your manpower	Nos.
	(i) Technical	
	(ii) Skilled	
	(iii) Unskilled	
	Total	
10.	How does the Tenderer ensure total safety of the Holograms to be produced at his work place and till the time they are delivered.	
11.	A. Total experience of tenderer in the production of holograms. B. Total Experience of tenderer of producing hologram in Conventional 3D Origination system C. Total experience of tenderer of producing hologram in minimum 4000 DPI or more Master Origination system	
12.	Whether Tenderer has any experience in supply of Polyester based security Holograms, to any State Excise Department. If yes, then give period and quantity/year. And also submit a letter of satisfactory performance from that particular State Excise Department for last financial year from all the Excise Department(s) served.	
13.	Details of Sales Tax registration.	
14.	Total experience of Tenderer in production of Polyester based security Hologram Origination with Dot Matrix and 3D recombined together.	

12. PRICE BID FOR POLYESTER BASED SECURITY HOLOGRAM
EXCISE LABEL

<p align="center">ITEMS TO BE SUPPLIED</p>	<p align="center">PRICE PER UNIT (inclusive of all taxes and levies) (TO BE MENTIONED BOTH IN FIGURES AND WORDS)</p>
<p>Polyester based Security Hologram Excise Label (as per the specification mentioned in the tender). The price quoted should be per unit Polyester Security Hologram Excise Label of size 90 mm (length) x 15 mm (width)</p>	<p>Size : 90 mm (length) x 15 mm (width)</p> <p>Rs. _____ per unit Hologram. (in figures)</p> <p>Rupees _____ _____ per unit Hologram. (in words)</p>

The Terms and conditions which form part of this Tender are acceptable to me/us.

Dated :

Place :

Signature of Tenderer along with seal and full address

13. PRICE BID FOR MASTER ORIGNATION

ITEMS TO BE SUPPLIED	ORIGNATION COST (TO BE MENTIONED BOTH IN FIGURES AND WORDS)
<p>High Security Masters made from three separate origination systems and recombined together to form one master.</p> <p>I) Dot Matrix Origination system of 4000 DPI or more.</p> <p>II) 3D Origination system.</p> <p>III) Dual Head Lithographic Origination System capable of shooting Masters of resolution of up to 120000 DPI.</p>	<p>(A) Cost for First Origination</p> <p>In figures (Rs.) _____</p> <p>In words (Rs.) _____</p> <p>(B) Cost for Subsequent Origination</p> <p>In figures (Rs.) _____</p> <p>In words (Rs.) _____</p>

The Terms and conditions which form part of this Tender are acceptable to me/us.

Dated :

Place :

Signature of Tenderer along with seal and full address