

NATIONAL INSTITUTE OF FASHION TECHNOLOGY

(A statutory body governed by the NIFT Act 2006 and
set up by the Ministry of Textiles, Govt. of India)

NIFT CAMPUS, NEAR GULMOHAR PARK, HAUZ KHAS, NEW DELHI – 110016

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Tender No. 1351(2)/NIFT/Pur-HO/INDIAsizeProject/3D Whole Body Scanning System/2018

GLOBAL TENDER DOCUMENT

FOR

THE PROCUREMENT OF 3D WHOLE BODY HUMAN SCANNING SYSTEM

Time Schedule for Tender Process

Date of Publication of Tender notification on official website/e-Portal	18.05.2018 at 1700 Hours (IST)
Download of Tender Document Commence from	18.05.2018 at 1800 Hours (IST)
Pre-Bid Meeting	30.05.2018 at 1100 Hours (IST)
Last Date of download of Tender Document	20.06.2018 at 1200 Hours (IST)
Last Date for submission of duly filled in Tenders	20.06.2018 at 1500 Hours (IST)
Date and Time of the opening Technical Bids	20.06.2018 at 1600 Hours (IST)
Date and Time of the opening Price Bids	Will be notified to the technically qualified Bidders

Note: This tender document contains 78 pages (Total no. of pages including Annexure) and Bidders are requested to sign on all the pages.

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BACKGROUND

ABOUT NIFT

National Institute of Fashion Technology (NIFT) was set up by the Ministry of Textiles, Government of India in 1986 which has been accorded statutory status under the Act of Parliament in 2006 (NIFT Act 2006) for the promotion and development of education and research in field of Fashion Technology.

NIFT provides fashion business education across the country through its network of 16 campuses. It provides four years under graduate (UG) program in design and technology, two years post graduate (PG) program in design, fashion management & fashion technology and short duration education program to address the specialized needs of professional and students in the field of fashion.

NIFT has its Head Office at New Delhi with its campuses located at Bengaluru, Bhopal, Bhubaneswar, Chennai, Gandhinagar, Hyderabad, Jodhpur, Kangra, Kannur, Kolkata, Mumbai, New Delhi, Patna, Raebareli, Shillong and Srinagar.

ABOUT INDIASIZE – NATIONAL SIZING SURVEY OF INDIA

NIFT under the aegis of Ministry of Textiles, Govt. of India, is undertaking an extensive research study to develop a comprehensive size chart for ready to wear industry based on body measurements of the Indian population.

The project will entail measuring of 25000 (Twenty Five Thousand) male and female persons between the age group of 15 years and 65 years and above in six different cities located in six regions of India i.e. Kolkata (East), Mumbai (West), New Delhi (North), Hyderabad (Centre), Chennai (South), and Shillong (North-East) using 3D whole body scanners.

The scanner is expected to extract listed anthropometric measurements in various postures with accuracy as specified and meeting all the stated technical specifications and ISO compliance standards. The scanning system should provide for data analysis tools required to analyse the collected data to create a size chart and its extensions and derivatives. The demographic data, scanning data, scanned images / avatar and data should be saved for use later.

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TENDER OVERVIEW

Online bids under two bid systems, through e-procurement are invited by National Institute of Fashion Technology (NIFT) from the reputed OEM/Manufacturer/Traders/Dealers for 3D Whole Body Scanner. The method of submission of tender, amount of Earnest money / Performance Security and General Terms and Conditions applicable to tender and the technical specifications have been given in the Tender document. The Proforma for submission of tender has been given in Eligibility- Annexure 1, Technical Bid - Annexure 2 (6.1 & 6.2) and Price Bid- Annexure 4 of this Notice Inviting Tender.

This tender document is divided into IV Parts and 4 Annexure

1. **Part I** Contains General Information & Instructions for the Bidders about the Tender such as the time, place of submission and opening of bids, Validity period bids, EMD etc.
2. **Part II** Contains Standard Terms & Conditions of Tender, which will form part of the Contract/Supply Order with the successful Bidder
3. **Part III** Contains Payment and delivery Terms & Conditions applicable to this Tender document and which will also form part of the Contract with the successful Bidder like Delivery Period, Terms of delivery, Mode of payment, Consignee details etc.
4. **Part IV** Contains Evaluation Criteria of Bids
5. **Annexure 1** Contains Eligibility for procurement of 3D whole body scanner including bidders experience
6. **Annexure 2** Contains Technical Conditions of Contract and detailed Technical Specifications
7. **Annexure 3** Contains detailed NIFT Specified Human Body Dimensions
8. **Annexure 4** Contains Price Bid Format

ONLINE SUBMISSION OF TENDER

Online submission of eligibility criteria and technical bid as prescribed in Annexure-1&2 are to be made along with scanned copies of Earnest Money Deposit (EMD) of USD 7500 (USD Seven thousand and five hundred only) in favor of 'National Institute of Fashion Technology' and payable at New Delhi with all

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relevant documents. Please refer Clause 1.2 of tender document on EMD. Online financial bid may be submitted /filled only as per Annexure-4.

The online financial bid will be opened on the date which will be communicated to only those bidders who are found to be technically qualified after evaluation of technical bids.

The interested bidders are advised to read carefully the entire tender document before submitting their tender. The tender documents not received online in prescribed format and/or are found incomplete in any respect will be summarily rejected.

Any further clarifications can be sought from the service provider for online submission of the tender on e-portal i.e. Mr. Sandeep Bhandari Mobile No. +91 8826814007, alternate number NIFT Purchase Officer +91 11 2654 2176/ 2071/ +91 9891628548.

You are required to sign each page of each part of this tender document for acceptance of terms and conditions and submit alongwith your bid.

This tender document is being issued with no financial commitment and the buyer reserves the right to change or vary any part thereof or foreclose the procurement case at any stage. The Buyer also reserves the right to disqualify any vendor, should it be necessary, at any stage on grounds of National Security.

You may contact The Purchase Officer, National Institute of Fashion Technology, NIFT Campus, Near Gulmohar Park, Hauz Khas, New Delhi-110016, Phone No. +91 11 26542017/2176, email- purchase.ho@nift.ac.in for grievance related to bidding condition, bidding process and/or rejection of bid. With regards to bidding condition, this shall be done in writing atleast 10 days in advance of the stipulated date of submission of bid.

PROCESS OF ONLINE REGISTRATION

The interested vendors should apply online and submit their tender and the bids along with scanned copies of all the relevant certificates, documents, etc. in support of their technical & price bids, all duly signed, on the <https://nifttenders.eproc.in> from 18.05.2018 at 1800 Hours (IST) up to 20.06.2018 at

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1500 Hours (IST). Tender document is also available for viewing on the “tenders” link of the NIFT website i.e. <https://nifttenders.eproc.in> ; <http://www.nift.ac.in>.

Applications to this tender will be accepted only through the online mode through <https://nifttenders.eproc.in>.

No other mode of application will be considered.

For applying online, the firm should get itself registered at <https://nifttenders.eproc.in> by paying online.

Please note that

- a) The bidder needs to mention his Company Name, Address, User ID to register.
- b) Registration Charges of Rs. 2000/- + 360/- (18%GST) = Rs. 2,360/- (Two Thousand Three Hundred Sixty only – Non refundable are to be borne by Seller) to be made through NEFT.
- c) Bid Processing Fee charges of Rs. 5000 + 900 (18%GST) = Rs. 5,900 (Five thousand and nine hundred only, non refundable) to be made through NEFT.
- d) Bidders need to send the scanned copies of UTR no. to ancal.garg@c1india.com and sandeep.bhandari@c1india.com mentioning their Company Name, Address and User ID for Approval of Registration and Tender ID and Tender Title for Approval of Bid Processing fees.

The basic requirements for registration and applying for tender online are as under:

- a) Operating System should be Windows 7 and above.
- b) Java version: Java 7 update 51.
- c) Internet Explorer 8 and above or Mozilla Firefox.
- d) All java add-ons must be enabled in the system.
- e) Use Class III B Digital Signature Certificates (DSC) having Signing and Encryption both.

SCOPE OF SUPPLY

Scope of supply comprises of the following which are detailed in table below-

- I. 3D Whole Body Scanning system
- II. Training and Operational support
- III. Warranty, AMC, Product support and Local support
- IV. Logistics

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I.3D Whole Body Scanning system		
S. No.	Items	Number of Units License
1.	3D Whole body scanner	3
2.	Scanner Computing system	3
3.	3 D Scan Processing Software	3 Licenses
4.	Measurement extraction and Avatar creating Software	3 Licenses
5.	Post Processing software	3 Licenses
6.	Calibration Unit (if required)	3
7.	Height adjustable stool for scanning in sitting posture	3
8.	Weighing Platform	3
9.	3 D markers for landmark identification (If required)	For 12500 scans such markers should be safe for use on human subjects.
10.	Integration of 3D Whole body scanning system with NIFT procured cloud services	Integration of 3D whole body scanning system with NIFT procured cloud services for storing, processing, retrieval of the scanned data including the Avatar which may be used for data analysis. Additionally to provide entire data at local platform at NIFT
11.	Portable scanning booth	3
12.	Portable Changing booth	6
II. Training and Operational support		
1.	Training	Supplier to provide training and refresher training as per the details provided in Annexure 2 - II. Training and Operational support B1
2.	Technical & Operational support -1 (Data Collection)	Supplier to provide technical and operational support for installation (on

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		stationary or mobile platform like trailers etc) and data collection on all locations as per the details provided in Annexure 2 - II. Training and Operational support B2
3.	Technical support (Post Data Collection)	Supplier to provide consultant (from the parent company/scanner company) for data analysis as per the details provided in Annexure 2 - II. Training and Operational support B3
III. Warranty, AMC, Product support and Local support		
1.	Warranty & AMC	Supplier to ensure warranty, service level guarantee and AMC as per Clause 3.17 of the tender document.
2.	Product support	Supplier to have presence (local offices) and technical support in India either their own or through legally appointed agents who can provide reliable service on behalf of the supplier.
3.	Local support	
IV. Logistics		
1.	Scanner unit packaging box	All the equipments should be provided with the appropriate robust, durable and reusable eco friendly containers.
2.	Transport to different locations	There should be a provision of transporting each scanner within Indian territories as per Clause 3.13 of tender document and associated activities.

Special Requirement- Free Sample Scanning Attire

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Supplier has to provide three sample sets of typical attire for Small, Medium and Large size for both male and female compatible with the 3D Whole body scanner on offer at the following address through speed post/ Courier post on or before closing date and time of bid 20.06.2018 at 1500 Hours (IST).

The Purchase Officer, National Institute of Fashion Technology, NIFT Campus, Near Gulmohar Park, Hauz Khas, New Delhi-110016.

Any extra equipment or parts required by the scanner to function completely to meet the objective of the procurement but missed above in the scope of supply by NIFT should also be listed with reason and quoted.

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1. PART I – GENERAL INFORMATION AND INSTRUCTIONS

1.1. INFORMATION ON TENDER

- 1.1.1. The Tender document in English may be downloaded free of cost from CPP Portal <https://nifttenders.eproc.in> and NIFT web site www.nift.ac.in, from 18.05.2018 at 1800 Hours (IST).
- 1.1.2. A Pre-bid meeting to explain the exact scope of the work and to resolve queries of the participating agencies will be organized by NIFT on 30.05.2018 at 1100 Hours (IST) in the Boardroom of NIFT HO, Hauz Khas, New Delhi.
- 1.1.3. Interested agencies will be required to register online as indicated in Process of online registration page 6.
- 1.1.4. The Bids (both Technical and Price bid), have to be submitted through online only. The responsibility to ensure this lies with the Bidder.
- 1.1.5. Last Date and Time for submitting the Bids: On 20.06.2018 at 1500 Hours (IST).

1.2. EARNEST MONEY DEPOSIT (EMD)

Bidders are required to submit Earnest Money Deposit (EMD), in favour of National Institute of Fashion Technology payable at New Delhi, in USD 7500 or equivalent bank guarantee with minimum validity of 3 months along with the bids.

At present ICICI Bank Ltd., Axis Bank Ltd. and HDFC Bank Ltd. are the 03 private sector banks authorized to carry out government transactions. In case of foreign bidder, EMD is to be submitted in the form of appropriate Bank Guarantee from a first class bank of international repute.

1.3. PROCEDURE FOR SUBMISSION OF BID

The tender document (technical bid and Price Bid) should be submitted through online process only. EMD should be submitted along with the bids.

Only the Technical bids would be opened on the time and date mentioned. Date of opening of the Price Bids will be intimated after evaluation and acceptance of the Technical bids. The Price bid of the Bidders whose Technical bids are found non-compliant, will be rejected and the EMD

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returned. Bids should be submitted by Bidders only under their original Letter head inter alia furnishing details like GST number (if applicable), Bank address with EFT Account/ SWIFT, as applicable and complete postal and e-mail addresses of their office failing which the bid will not be considered.

1.4. CLARIFICATION REGARDING CONTENTS OF THE TENDER

A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to NIFT in writing about the clarifications sought not later than 02 (two) working days prior to the Pre-bid meeting on 30.05.2018. Copies of the query and clarifications by NIFT would be posted on the website. No clarification will be issued after opening of the bid.

1.5. AMENDMENT OF THE TENDER CONDITIONS

NIFT may amend the Tender conditions up to 05 days i.e. 15.06.2018 prior to the time fixed for last date of the Bid submission. Amendment to the tender, in response to clarifications sought by prospective Bidder's, is solely at the discretion of NIFT. Such amendments will be notified on e-procurement CPP portal and NIFT's website. NIFT, at its discretion, may or may not extend the due date and tie for the submission of bids on account of amendments. Extension of time, if any, will be notified on e-procurement CPP portal and NIFT's website. All the bidder's are advised to periodically browse NIFT website www.nift.ac.in and e-procurement CPP portal <https://nifttenders.eproc.in> for any amendments or corrigenda issued in connection with this Tender. NIFT will not be responsible for any misinterpretation of the provisions of this tender document on account of the Bidder's failure to update the bid documents based on changes announced through the website.

1.6. TIME AND DATE FOR OPENING OF BIDS

Opening of Technical Bid date and time: 20.06.2018 at 1600 Hours (IST).
Opening of Price Bid date will be intimated in due course to the technically qualified bidder.

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If due to any exigency, the due date for opening of the bids is declared a closed holiday, the bids will be opened on the next working day at the same time or on any other day/time, as intimated by NIFT.

1.7. PLACE OF OPENING OF THE BIDS

Boardroom, National Institute of Fashion Technology, Head Office, Hauz Khas, New Delhi-16. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. This event will not be postponed due to non-presence of representative of any bidder.

1.8. INDIAN FIRM

An Indian agent can quote on behalf of their OEM only if they are either a 100% subsidiary of the OEM or an Indian Agent of the foreign OEM in accordance with their agency agreement. The firms claiming to be :

- 1.8.1. A 100% subsidiary would be required to submit documentary evidence in support of their claim along with their Technical bid failing which their bid would be disqualified.
- 1.8.2. An agent of foreign OEM, for submitting the bid on behalf of OEM, would be required to submit a copy of their agency agreement with their principals along with their Technical bid, failing which their bid would be disqualified.

1.9. VALIDITY OF BIDS

Minimum 180 days from the date of opening of the technical bid of the tender. Firms are required to submit the EMD as specified in this tender before opening of the technical bid, failing which their offer will be considered further incomplete and non responsive and shall not be opened/considered further. It may also be noted that withdrawal/amendment to the offer by the bidder on suo-moto basis after the opening of the technical bid shall lead to forfeiture of the EMD and debarment of the firm from further cycles of procurement.

1.10. MODIFICATION AND WITHDRAWAL OF BIDS

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A bidder may modify or withdraw his Bid after submission provided that the written notice of modification or withdrawal is received by NIFT prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by e-mail; however, it should be followed by a signed confirmation copy to be sent by post. Signed scanned copy and such signed confirmation of withdrawal should reach the buyer not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the specified period of bid validity.

1.11. REJECTION OF BIDS

Canvassing by the Bidder in any form including unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected. Non-compliance to the conditions of General Information & Technical Bid will be liable to be disqualified.

1.12. BIDS OF DEBARRED/BLACKLISTED FIRMS

Bids of debarred/blacklisted firms will not be considered for evaluation.

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2. PART II – STANDARD TERMS AND CONDITIONS

The Bidder is required to give confirmation of their acceptance of the Standard Terms and Conditions of the Tender mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (hence forth referred to as Seller) as selected by the Buyer. Failure to do so may result in rejection of the Bid submitted by the successful Bidder.

2.1. EFFECTIVE DATE OF THE CONTRACT

In case of placement of a supply order, the date of the Supply Order would be deemed as effective date.

2.2. GOVERNING LAW

The Contract shall be governed and interpreted in accordance with the laws of India and shall be subject to the exclusive jurisdiction of Courts at New Delhi only.

2.3. ARBITRATION

All disputes or differences arising out of or in connection with the Contract shall be settled through mutual consent between the parties. Any dispute, disagreement or question arising out of or relating to the Contract or relating to product or performance, which cannot be settled amicably, shall be resolved by arbitration as follows-

2.3.1. The case of arbitration may be referred to Director General of NIFT or a person appointed by him/her who will be the sole arbitrator and the arbitration proceeding shall be in accordance with the prevailing Arbitration and Conciliation Act, 1996 and Laws of India as amended or enacted from time to time.

2.3.2. The venue of the arbitration shall be New Delhi, India & the language of arbitration shall be English. The fee & other charges of Arbitrator shall be determined by the arbitrator in terms of the Act and shall be shared equally between the parties.

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- 2.3.3. The arbitrator shall have powers to award only such remedy as is contemplated by this Agreement, including as appropriate, injunctive relief.
- 2.3.4. The parties shall not be entitled to any pendent-lite interest during arbitration proceedings.

2.4. PENALTY FOR USE OF UNDUE INFLUENCE

The Seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contract or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the Contract or any other contract with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other contract with the Government of India. Any breach of the aforesaid undertaking by the Seller or anyone employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.

2.5. AGENTS / AGENCY COMMISSION

The Seller confirms and declares to the Buyer that the Seller is the original manufacturer of the stores/provider of the services referred to in this Supply Order and has not engaged any

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individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to the award of the Supply Order to the Seller; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Seller agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the Buyer that the Seller has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this Supply Order, the Seller will be liable to refund that amount to the Buyer. The Seller shall also be debarred from entering into any Supply Order with the Government of India for a minimum period of five years. The Buyer will also have a right to consider cancellation of the Supply Order either wholly or in part, without any entitlement or compensation to the Seller who shall in such an event be liable to refund all payments made by the Buyer in terms of the Supply Order along with interest at the rate of 2% per annum above Prime Lending Rate of State Bank of India for Indian bidders and (ii) London Inter Bank Offered rate (IBOR) for the foreign bidder. The Buyer will also have the right to recover any such amount from any Supply Orders concluded earlier with the Government of India.

2.6. ACCESS TO BOOKS OF ACCOUNTS

In case it is found to the satisfaction of the Buyer that the Seller has engaged an Agent or paid commission or influenced any person to obtain the Supply Order as described in clauses relating to Agents/Agency Commission(Clause 2.5) and Penalty for Use of Undue Influence (Clause 2.4), the Seller, on a specific request of the Buyer, shall provide necessary information/ inspection of the relevant financial documents/information/Books of Accounts.

2.7. NON-DISCLOSURE OF CONTRACT DOCUMENTS

Except with the written consent of the Buyer/ Seller, no other party shall disclose the Contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

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2.8. WITHHOLDING OF PAYMENT

In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc. as specified in the Contract, the Buyer may, at his discretion, withhold any payment until the completion of the Contract.

2.9. LIQUIDATED DAMAGES

The Buyer may deduct from the Seller, as agreed, liquidated damages at the rate of 0.5% per week/part thereof, of value of stores that could not be put to use due to late delivery subject to a maximum of 10% of the total order value (inclusive of taxes and duty) of the Contract.

2.10. FORCE MAJEURE

Force Majeure shall mean any cause which is beyond the control of a Party or Parties or the Party invoking force majeure, including but not limited to the following: any law, decree, regulation, order, or request of any governmental authority, nationalization, expropriation, confiscation, requisition, riot, war, hostilities, public disturbance, act of the public enemy, strike, lock out, or other labor dispute, fire, flood, earthquake, storm, explosion, or Act of God.

If either Party is prevented from or delayed in carrying out any provision of this Agreement by reason of Force Majeure the Party whose performance is so prevented or delayed, upon prompt written notice thereof to the other Party, shall be excused from such performance to the extent and during the period of such prevention or delay.

This clause shall not be available to a Party if such Party fails to use reasonable diligence to remedy by the applicable situation described in above clause hereof with reasonable dispatch or if such applicable situation is caused by such Party.

The party for which it becomes impossible to meet obligations under the Contract due to Force Majeure conditions, is to notify in written form to the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from their commencement.

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Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be considered as sufficient proof of commencement and cessation of the above circumstances.

If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party hereto reserves the right to terminate the Contract totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

2.11. TRANSFER AND SUB-LETTING

The Seller has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the Contract or any part thereof without written consent of the Buyer.

2.12. USE OF PATENTS AND OTHER INDUSTRIAL PROPERTY RIGHTS

The prices stated in the Contract shall be deemed to include all amounts payable for the use of patents, copy rights, registered charges, trademarks and payments for any other Industrial Property Rights. The Seller shall indemnify the Buyer against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Seller shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies or any or all the rights mentioned above.

2.13. TERMINATION OF CONTRACT

The Buyer shall have the right to terminate the Contract in part or in full in any of the following cases in addition to the clauses heretofore provided, viz:-

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- 2.13.1. If the downtime of the scanning system exceeds 35 days and amount adjusted from performance security
- 2.13.2. The store/service is not received/rendered as per the contracted schedule(s) and the same has not been extended by the Buyer except in case of Force Majeure
- 2.13.3. The seller refuses to execute the order or shows inability to meet or keep up the performance guarantee level as specified in Clause 3.17
- 2.13.4. Seller commits breach of any terms and condition of the contract/bid or that of the service
- 2.13.5. The Seller is declared bankrupt or becomes insolvent

2.14. AMENDMENTS

No provision of the Contract shall be changed or modified in any way (including this provision) either in whole or in part except when both the parties are in written agreement for amending the Contract.

2.15. TAXES AND DUTIES

2.15.1. Customs Duty :

- (a) NIFT is a Research Institution and has been exempted from the payment of Customs Duty, as per the description of stores and conditions thereon, under Government Notification No. 51/96- Customs dated 23 July, 1996 and Central Excise Duty exemption in terms of Government Notification No. 10/97 – Central excise dated 1 March, 1997 as amended time to time, valid till 2020.
- (b) The successful bidder would be issued a Customs Duty Exemption Certificate (CDEC) under the said notification at the time of import clearance for the goods being imported against the Contract. Sellers would be required to submit a copy of their order to buyer along with buyer's acceptance and proforma invoice at least four weeks in advance from the expected date of arrival of goods to this office for issuance of CDEC.
- (c) Bidders may note that Customs Duty Exemption Certificate (CDEC) would be issued ONLY in favour of the seller.

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2.15.2. In respect of Foreign Bidders: All taxes, duties, levies and charges which are to be paid for the delivery of stores/services, including advance samples, shall be paid by the parties under the Contract in their respective countries. However, the corporate/individual income tax, if applicable, will continue to be paid by the concerned party/individual.

2.15.3. In respect of Indian Bidders

- (a) If the quoted prices exclude Customs Duty, GST or any other Statutory Duties/Taxes, the same must be specifically stated in separate statement showing applicable rates. In the absence of same, it will be presumed that the prices include all such charges and no claim for the same will be entertained. An omnibus declaration of “taxes extra” will not be accepted.
- (b) If reimbursement of any Duty/Tax is intended as extra over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duty/tax will be entertained after the opening of tenders.
- (c) If a Bidder chooses to quote a price inclusive of any duty/tax and does not confirm that duty/tax so included is firm and final, he should clearly indicate the rate of such duty/tax and quantum of such duty/tax included in the price. Failure to do so may result in ignoring any request for change of duty/tax at a later date.
- (d) Any addition to duty/tax and change in any duty/tax upward/downward as a result of any statutory variation in duty/tax taking place within contract terms shall be allowed to the extent of actual quantum of such variation of duty/tax paid by the Seller. Similarly, in case of downward revision in any duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the Buyer by the Seller. All such adjustments shall include all reliefs, exemptions, rebates, concession etc., if any, obtained by the Seller.

3. PART III – PAYMENT AND DELIVERY TERMS

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The Bidder is required to give confirmation of their acceptance of Payment and Delivery Terms of the tender mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.

3.1. PERFORMANCE SECURITY DEPOSIT

- 3.1.1. Successful bidder will be required to submit performance security deposit within 30 days of contract for due performance of contract. The amount of performance security deposit will be 10% of contract value in USD. The Performance Security Deposit will be retained by the Buyer, in case the conditions regarding adherence to delivery schedule and/or other provisions of the contract are not fulfilled by the Seller.
- 3.1.2. Failure to submit performance security deposit may entail cancellation of contract and forfeiture of EMD. Bidder will be also liable to be blacklisted.
- 3.1.3. Indian suppliers: The performance security deposit will be in the form of demand draft or bank guarantee on non-judicial stamp paper in the specified format (will be provided to the successful bidder by NIFT). The Bank Guarantee shall be submitted from a public sector bank and should be valid up to 60 days beyond the contract period.
- 3.1.4. Foreign suppliers: The Seller will be required to furnish a Performance Security by way of a Bank Guarantee from the Seller's Bank through an internationally recognized first class Bank in favour of the National Institute of Fashion Technology, New Delhi, India to be confirmed by an Indian public sector bank. Bank Guarantee should be valid up to 60 days beyond the contract period. The Bank Guarantee shall be considered open upon receipt by the Buyer's Bank. In case any claims or any other contract obligations are outstanding, the Seller will extend by the way of Bank Guarantee as asked for by the Buyer till such time as the Seller settles all claims and completes all contract obligations. The Bank Guarantee will be subject to encashment by the Buyer, in case the conditions
-

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regarding adherence to delivery schedule, settlement of claims and other provisions of the contract are not fulfilled by the Seller.

3.2. OPTION CLAUSE

The Contract will have an Option Clause, wherein the Buyer can exercise an option to procure upto an additional two 3D whole body scanning system at the original contracted quantity in accordance with the same terms and conditions of the Contract. This will be applicable within the currency of the Contract. It will be entirely the discretion of the Buyer to exercise this option or not.

3.3. PURCHASE PREFERENCE CLAUSE

Purchase preference will be granted to the nominated agencies for the specified quantity as per the extant policy of Government of India.

3.4. PERMISSIBLE TIME FRAME FOR SUBMISSION OF BILLS

To claim payment (part or full), the Seller shall submit the bill(s) along with the relevant documents within 30 days from the completion of the supply.

3.5. PAYMENT TERMS

3.5.1. **For Indian Seller:** The payment will be made as per the following terms, on production of the requisite documents:

- a) 70% payment within 30 days after receipt, acceptance and satisfactory installation at first venue of equipment in good condition or the date of receipt of the bill whichever is later.
- b) 15% after satisfactory completion of training.
- c) Balance 15% payment will be released after completion of warranty/guarantee period. This can also be released on furnishing an irrevocable bank guarantee/DD in

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the prescribed format for the equivalent amount valid for the duration of such warranty/ guarantee, wherever applicable .

3.5.2. For Foreign Seller:

- a) 70% payment within 30 days after receipt, acceptance and satisfactory installation of stores/equipment in good condition or after receipt of necessary documents warranted by delivery terms.
- b) 15% after satisfactory completion of training.
- c) Balance 15% payment will be released after completion of warranty/guarantee period. This can also be released on furnishing an irrevocable bank guarantee, from first class bank of international repute, for equivalent amount valid for the duration of such warranty/guarantee, wherever applicable.

3.6. ADVANCE PAYMENTS

No advance payment will be made.

3.7. PART SUPPLY AND PRO RATA PAYMENT

Part supply will not be accepted.

3.8. MODE OF PAYMENT

- 3.8.1. **For Indian Seller:** It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e-payment details to facilitate payments through ECS/EFT mechanism instead of payment through cheque wherever feasible.

3.8.2. **For Foreign Seller:**

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- a) The payment will be arranged through Letter of Credit from Reserve Bank of India/State bank of India/any other Public Sector Bank, as decided by the Buyer, to the Bank of the Foreign Seller as per mutually agreed terms and conditions. The Letter of Credit will preferably be opened with validity of 90 days from the date of its opening, on extendable basis by mutual consent of both the parties. Letter of Credit opening charges in India will be borne by the Buyer. However, the extension charges, if any, will be borne by the party responsible for the extension.
- b) **For contract**, preferable mode of payment will be by Direct Bank Transfer (DBT). DBT payment will be made within 30 days of receipt of clean Bill of Lading / AWB /Proof of shipment and such other documents as are provided for in the contract, but such payments will be subject to the deductions of such amounts as the Seller may be liable to pay under the agreed terms of the Contract.

3.9. DOCUMENTS TO BE FURNISHED FOR CLAIMING PAYMENT

3.9.1. **Indian Seller:** The payment of bills will be made on submission of the following documents by the Seller to the Buyer:

- a) Ink-signed copy of Contingent Bill.
- b) Ink-signed copy of Commercial Invoice / Seller's Bill.
- c) Guarantee/ Warranty Certificate.
- d) Bank Guarantee/ Indemnity Bond, if applicable.
- e) Details for electronic payment viz. Bank name, Branch name and address, Account Number, IFS Code, MICR Number (if these details are not already incorporated in the Contract).
- f) Original copy of the Contract and amendments thereon, if any.
- g) Any other document/ certificate that may be provided for in the Contract.

3.9.2. **Foreign Seller:** In case of payment through Letter of Credit (LC), paid shipping documents are to be provided to the Bank by the Seller as a proof

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of dispatch of goods as per contractual terms /LC conditions so that the Seller gets payment from LC. The Bank will forward these documents to the Buyer for getting the goods/stores released from the Port/Airport. However, where the mode of payment is DBT, the paid shipping documents are to be provided to the paying authority by the Buyer. Documents will include:

- a) Clean on Board Airway Bill/Bill of Lading
- b) Original Invoice
- c) Packing List
- d) Certificate of Origin from Seller's Chamber of Commerce, if any.
- e) Certificate of Quality and year of manufacture from OEM.
- f) Dangerous Cargo Certificate, if applicable.
- g) Insurance Policy of 110% value in case of CIF/ CIP contract
- h) Certificate of Conformity and Acceptance Test at PDI, if any.
- i) Phyto-sanitary/ Fumigation Certificate, if any
- j) Performance Bond / Warranty Certificate.
- k) Bank Guarantee/ Indemnity Bond, if applicable.
- l) Details for electronic payment viz. Bank name, Branch name and address, Account Number SWIFT Code (if these details are not already incorporated in the Contract).
- m) Original copy of the Contract and amendments thereon, if any.
- n) Any other documents as provided for in the Contract.

3.10. EXPORT LICENSE

The Bidder is required to furnish full details and formats of End Use Certificate required for obtaining export clearance from the country of origin. This information will be submitted along with Technical Bid. In the absence of such information, it would be deemed that no document is required from the Buyer for export clearance from the country of origin.

3.11. FREE ISSUE OF MATERIAL (FIM)

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The FIM offered may be indicated as per the format below:

Sl. No.	Description of Store(s)	Qty.	Unit Cost	Total Cost

3.12. DELIVERY PERIOD

Expected Delivery Period for supply of items/rendering services would be 12 weeks from the Effective Date of the Contract. Please note that the Contract can be cancelled unilaterally by the Buyer in case items are not received within the contracted delivery period. Extension of contracted delivery period with/ without LD clause 2.9 will be at the sole discretion of the Buyer.

3.13. TERMS OF DELIVERY

3.13.1. Seller is required to quote CIP Delhi .The delivery of goods shall be at National Institute of Fashion Technology NIFT at New Delhi.

3.13.2. **Location of delivery and subsequent shifting -**

Seller will be responsible for transportation of scanning system to different locations and associated activities like dismantling at current location, loading and unloading, packaging for transportation, transportation to next location, reassembly at next location, calibration and any other associate activity to make the scanner fully operational in new location for desired purpose.

All three 3D Whole body scanner systems will be delivered at NIFT Delhi and the training will be organized at the site of the delivery. Post training and completion of scanning survey at Delhi the scanners will be shifted to subsequent locations as per the sequence given below where the survey will be undertaken. Scanning in all centers other than Shillong will require all 3 systems to be present into action.

Transportation post delivery (dates will be intimated on delivery)

The Transportation movement sequences to scanning sites is as indicated below (dates will be intimated on delivery)

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- NIFT Delhi to NIFT Mumbai (all three scanner)
- NIFT Mumbai to NIFT Chennai (all three scanner)
- NIFT Chennai to NIFT Hyderabad (all three scanner)
- NIFT Hyderabad to NIFT Kolkata (all three scanner)
- NIFT Kolkata to NIFT Shillong (1scanner)
- NIFT Kolkata to Delhi (1scanner)
- NIFT Kolkata to NIFT Mumbai (1scanner)
- NIFT Shillong to NIFT Kolkata (1scanner)

Note: (to be paid as per actual on production of original bills/ invoice subject to the maximum of amount quoted)

Address of the 6 NIFT campuses		Final location
Hyderabad NIFT Campus, Opposite Hi-tech City, Cyberabad Post, Madhapur, Hyderabad - 500 081 Telangana Tel: +91-40-23111938 E-mail: director.hyderabad@nift.ac.in Contact: Prof. V. Sivalingam, Director	Delhi NIFT Campus, Hauz Khas, Near Gulmohar Park, New Delhi - 110 016 Tel: +91-11-26867704, 26542149/50 E-mail: director.delhi@nift.ac.in Contact: Prof. Dr. Vandana Narang, Director	Delhi NIFT Campus Mumbai NIFT Campus Kolkata NIFT Campus

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<p>Mumbai NIFT Campus Plot No. 15, Sector - 4 Kharghar, Navi Mumbai - 410 210 Maharashtra Tel: +91-22-27743205/7002 E-mail: director.mumbai@nift.ac.in Contact: Prof. Dr. Pavan Godiawala, Director</p>	<p>Chennai NIFT Campus, Rajiv Gandhi Salai Taramani, Chennai - 600 113 Tamil Nadu Tel: +91-44-22542759 E-mail: director.chennai@nift.ac.in Contact: Prof. Dr. Anitha Mabel Manohar, Director</p>	
<p>Shillong NIFT Campus, Old North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences (NEIGRIHMS) Campus, 'C' Block, Pasteur Hills Lawmali, Shillong - 793 001, Meghalaya Tel:+91-364-2590676 E-mail: director.shillong@nift.ac.in Contact: Prof. Monika Agarwal, Director</p>	<p>Kolkata NIFT Campus, Plot - 3B, Block-LA, Sector III, Salt Lake City, Kolkata - 700 098 (WB) Tel: +91-33-23357332 E-mail: director.kolkata@nift.ac.in Contact: Col. Subroto Biswas (Retd.), Director</p>	

3.14. PACKING AND MARKING INSTRUCTIONS

The Seller shall provide packing and preservation of the equipment and spares/goods contracted so as to ensure their safety against damage in the conditions of land, sea and air transportation, transshipment, storage and weather hazards during transportation, subject to proper cargo handling. The Seller shall ensure that the stores are packed in containers, which are made sufficiently strong. The packing cases should have provisions for lifting by

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crane/fork lift truck. Tags with proper marking shall be fastened to the special equipment, which cannot be packed.

The packing of the equipment and spares/goods shall conform to the requirements of specifications and standards in force in the territory of the Seller's country.

3.15. INSPECTION INSTRUCTIONS

- 3.15.1. Post Delivery inspection of equipments on installation:
- 3.15.2. Inspection Authority: NIFT Quality Control Committee.

Firm should supply a test certificate from authorized reputed agency wherever specifically asked for or otherwise a certificate along with a firm's internal inspection report should be supplied along with the equipments.

3.16. CLAIMS:

- 3.16.1. The quantity claims for deficiency of quantity and/ or the quality claims for defects or deficiencies in quality noticed during the inspection shall be presented within 45 days of completion of inspection.
- 3.16.2. The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location, within mutually agreed period, under Seller's arrangement without any financial implication on the Buyer.

3.17. WARRANTY, SERVICE LEVEL GUARANTEE AND AMC

- 3.17.1. **Warranty:** The Seller will declare that the goods and services sold/supplied shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specifications and particulars contained/mentioned in the contract. The Seller will guarantee that the said goods and services with spares would continue to conform to the description and quality for a period of 36 months from the date of installation of the said goods. If during the aforesaid period of 36 months, the said goods

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are discovered not to conform to the description and quality aforesaid, not giving satisfactory performance or have deteriorated, the Buyer shall be entitled to call upon the Seller to rectify the goods and services or such portion thereof as is found to be defective by the Buyer within a reasonable period without any financial implication on the Buyer. The supplier is required to undertake base calibration as per factory settings post installation at six locations of scanning survey.

3.17.2. **Service level guarantees and consequences thereof** :The bidder must commit to following

- a) **Performance guarantee** - The uninterrupted availability of scanning system is key to the execution of the project. The bidder will ensure that during the period of 3 years from the date of first installation or warranty period, whichever is later, bidder will ensure uninterrupted working of the entire scanning system including scanner and all its associated components, software, hardware and consumables. For this purpose bidder shall maintain throughout this period adequate supply of spares and repair and support infrastructure and technical and support personnel. Bidder will guarantee that during this period the maximum downtime per System/scanner will not exceed 15 days per System/scanner in a period of 12 months.
- b) Any **preventive maintenance and/or repair or breakdown** during warranty period shall be carried out by the Bidder at his own cost. Entire charge on this account including cost of calibration, spare parts, wear parts, consumables to be changed during maintenance, and travel, accommodation expenses, etc. will be borne by the bidder. The preventive maintenance will be carried out by the seller at a frequency specified by the Bidder at time of Technical Bid Submission. Any downtime already specified at the time of the bid and accepted by NIFT for preventive maintenance may not be considered as downtime for performance guarantee purposes

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c) **Penalty clause** – In case of failure to meet above performance guarantee the bidder will be liable to pay 0.2% of the contract value for every day of downtime of the scanning system over and above the limit specified under performance guarantee clause above i.e. 15 days per scanner in a period of 12 months

3.17.3. **AMC** -The seller agrees to undertake an Annual Maintenance Contract for a minimum period of 2 years. The seller is required to quote the price for comprehensive maintenance of the equipment after the expiry of the warranty period in price bid.

3.18. CLOUD SERVICES

- 3.18.1. Seller is required to integrated 3D whole body scanning system with NIFT procured cloud services for storing, processing, retrieval of the scanned data including the Avatar which may be used for data analysis.
- 3.18.2. Seller is also required to provide entire data on local platform at NIFT.

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4. PART IV – EVALUATION CRITERIA FOR BID

4.1. BID SYSTEM AND EVALUATION

- 4.1.1. The selection of Bidder will be based on Two Bid System.
4.1.2. The Bid evaluation process involves two stages:

In the first stage the Bid Evaluation Committee constituted for the purpose will evaluate all attachments related to eligibility criteria other than technical and financial bid.

4.2. ELIGIBILITY CRITERIA FOR SELECTION

The Bidder should establish that it has the financial, technical and production capability necessary to perform the supply. The Bidder shall furnish, as part of its technical bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the supply if its bid is accepted. In case of non compliance with any of the listed criteria the bid will be considered disqualified.

Eligibility criteria of the supplier to qualify for the bid evaluation is listed in table below-

NO.	ELIGIBILITY CRITERIA	SUPPORTING DOCUMENTS	Tick
a)	<p>Proof of Registration</p> <p>The bidder should be an exclusively registered Company (Pvt. Ltd. Company/Partnership firm/ LLP/ Proprietorship firm) for not less than 3 years (i.e. not after F.Y. 2012-13).</p>	<p>a. Registration certificate of the firm/ Partnership deed/ Certificate of incorporation etc. as applicable</p> <p>b. Article of Association & Memorandum of Association (If applicable)</p>	

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b)	<p>Taxpayer Information</p> <p>The bidder firm should have been in existence and should have been registered with the Tax department of the country.</p>	<p>For Indian Bidder</p> <p>a. Income Tax Registration (PAN No/ TAN No.)</p> <p>b. GSTIN Registration & validity</p> <p>For Foreign Bidder</p> <p>a. Relevant papers of the country, as applicable</p>	
c)	<p>Turnover Certification & Income Tax Return</p> <p>The firm should be an income tax assessee at least for immediately preceding period of two financial years.</p> <p>(i.e. 2015-16 & 2016-17 or calendar years of 2016 & 2017 (whichever is applicable)</p> <p>The Bidder's average annual gross turnover upto USD 155000 for last two financial years.</p>	<p>a. Certificate from Chartered Accountant must be attached.</p> <p>B. Copy of audited/c.a. certified balance sheet and profit & loss account must also be attached.</p> <p>C. Income tax return along with income computation sheet for last 2 years (fy-2015-16 & 2016-17 or calendar years of 2016 & 2017, whichever is applicable, 17-18 provisional balance sheet will be acceptable)</p>	
d)	<p>Experience Certificate</p> <p>Experience of sale of the technology for purpose of National sizing survey (undertaken through consortium of multiple companies/ organisations/ academia/ Government of the respective country) or any other purpose</p>	<p>a. A List of organizations where the supplier has currently provided/supplied the items covered in tender.</p> <p>b. Copies of the work order and successful work completion certificate should be submitted duly signed by the competent authority in support of eligibility and qualification.</p>	

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	Bidders experience to be documented in the format provided in clause 5.2 Annexure 1		
e)	Local Support Supplier must have a local presence (local office/s in India) and technical support set up in India either own or legally appointed agents who can provide reliable service on their behalf	Self-certified copy of the signed agreement between the two parties as proof of a working relationship should be submitted.	
f)	No-conviction Certificate Bidder should neither be a black listed firm nor have its contracts been terminated/ foreclosed by any NIFT / company/ department/ organization till date, due to non-fulfillment of contractual obligations.	A Self-declared certificate to this effect on bidder firm's letter head signed by authorized signatory.	
g)	Earnest Money Deposit	Earnest Money Deposit of USD 7500 in the form of Bank Guarantee. (Not exempted in any case except those bidders exempted from EMD, submit the certificate issued by the concerned department i.e. NSIC).	
h)	Valid Licence	Copy of valid license from their respective government for manufacturing 3D Whole Body Scanners in case of foreign suppliers.	
i)	Undertaking	An undertaking from the firms that they will not be part of cartel with other vendors and will quote competitive rates in the tenders on the company letter head duly signed by authorized signatory.	

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j)	Proof of being 100% subsidiary of the OEM or an Indian Agent of the foreign OEM (documentary evidence in support of their claim)	The firms claiming to be : <ul style="list-style-type: none"> • A 100% subsidiary would be required to submit documentary evidence in support of their claim along with their Technical bid failing which their bid would be disqualified. • An agent of foreign OEM, for submitting the bid on behalf of OEM, would be required to submit a copy of their agency agreement with their principals along with their Technical bid, failing which their bid would be disqualified. 	
k)	End use certificate or Export license	The Bidder is required to furnish full details and formats of End Use Certificate required for obtaining export clearance from the country of origin.	
l)	Technical Bid Compliance Statement – Parameter – Specifications of items	Duly signed on each and every page by the authorized signatory and stamped. Technical Evaluation Criteria will be evaluated as per Annexure 2(6.1 & 6.2)	
m)	Special Requirement- Free Sample Scanning Attire	Supplier has to provide three sample sets of typical attire for Small, Medium and Large size for both male and female compatible with the 3D Whole body scanner on offer	
n)	Price Bid	To be filled in the specified format as per Annexure 4.	

4.3. TECHNICAL BID EVALUATION:

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Once the eligibility of the bidder is established, the Technical bids will be evaluated by Bid Evaluation Committee. The committee will record acceptance or rejection of the technical bid basis the Annexure 2. The bidder needs to meet with all mandatory criteria listed in Annexure 2.

4.4. FINANCIAL BIDS EVALUATION:

In the stage two the online financial bid (Annexure 4) of only those bidders who qualify in technical evaluation will be opened and evaluated by the Bid Evaluation Committee. The date and time of opening the financial bid will be communicated to all the technically qualified bidders separately and on the CPP Portal and NIFT's website.

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5. ANNEXURE 1-ELIGIBILITY FOR PROCUREMENT OF 3D WHOLE BODY SCANNING SYSTEM

- a) Name of the Agency :
- b) Name of the authorized person :
(Who signs on the tender document)
- c) Address of the Agency :
- d) Phone No :
- e) E-mail- address :
- f) Mobile No. :
- g) Fax :

5.1. ELIGIBILITY CRITERIA FOR SELECTION

NO.	ELIGIBILITY CRITERIA	SUPPORTING DOCUMENTS	Proof Required
a)	Proof of Registration The bidder should be an exclusively registered Company (Pvt. Ltd. Company/Partnership firm/ LLP/ Proprietorship firm) for not less than 3 years (i.e. not after F.Y. 2012-13).	a. Registration certificate of the firm/ Partnership deed/ Certificate of incorporation etc. as applicable b. Article of Association & Memorandum of Association (If applicable)	Scanned copy of the document submitted online
b)	Taxpayer Information The bidder firm should have been in existence and should have been registered with the Tax department of the country.	For Indian Bidder a. Income Tax Registration (PAN No/ TAN No.) b. GSTIN Registration & validity For Foreign Bidder	Scanned copy of the document submitted online

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		a. Relevant papers of the country, as applicable	
c)	<p>Turnover Certification & Income Tax Return</p> <p>The firm should be an income tax assessee at least for immediately preceding period of two financial years.</p> <p>(i.e. 2015-16 & 2016-17 or calendar years of 2016 & 2017 (whichever is applicable)</p> <p>The Bidder's average annual gross turnover upto USD 155000 for last two financial years.</p>	<p>a. Certificate from Chartered Accountant must be attached.</p> <p>B. Copy of audited/c.a. certified balance sheet and profit & loss account must also be attached.</p> <p>C. Income tax return along with income computation sheet for last 2 years (fy- 2015-16 & 2016-17 or calendar years of 2016 & 2017, whichever is applicable, 17-18 provisional balance sheet will be acceptable)</p>	Scanned copy of the document submitted online
d)	<p>Experience Certificate</p> <p>Experience of sale of the technology for purpose of National sizing survey (undertaken through consortium of multiple companies/ organisations/ academia/ Government of the respective country) or any other purpose</p> <p>Bidders experience to be provided in the Table 1 given in Annexure 1 Eligibility for Procurement of 3D Whole Body Scanning System</p>	<p>a. A List of organizations where the supplier has currently provided/supplied the items covered in tender.</p> <p>b. Copies of the work order and successful work completion certificate should be submitted duly signed by the competent authority in support of eligibility and qualification.</p>	Scanned copy of the document submitted online

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e)	Local Support Supplier must have a local presence (local office/s in India) and technical support set up in India either own or legally appointed agents who can provide reliable service on their behalf	Self-certified copy of the signed agreement between the two parties as proof of a working relationship should be submitted.	Scanned copy of the document submitted online
f)	No-conviction Certificate Bidder should neither be a black listed firm nor have its contracts been terminated/ foreclosed by any NIFT / company/ department/ organization till date, due to non-fulfillment of contractual obligations.	A Self-declared certificate to this effect on bidder firm's letter head signed by authorized signatory.	Scanned copy of the document submitted online
g)	Earnest Money Deposit	Earnest Money Deposit of USD 7500 in the form of Bank Guarantee. (Not exempted in any case except those bidders exempted from EMD, submit the certificate issued by the concerned department i.e. NSIC).	Scanned copy of the document submitted online and original bank guarantee should reach by 20th June, 2018 at 10.30 A.M (IST) at NIFT, Hauz Khas, ND)
h)	Valid Licence	Copy of valid license from their respective government for manufacturing 3D Whole Body Scanners in case of foreign suppliers.	Scanned copy of the document submitted online

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i)	Undertaking	An undertaking from the firms that they will not be part of cartel with other vendors and will quote competitive rates in the tenders on the company letter head duly signed by authorized signatory.	Scanned copy of the document submitted online
j)	Proof of being 100% subsidiary of the OEM or an Indian Agent of the foreign OEM (documentary evidence in support of their claim)	The firms claiming to be : <ul style="list-style-type: none"> • A 100% subsidiary would be required to submit documentary evidence in support of their claim along with their Technical bid failing which their bid would be disqualified. • An agent of foreign OEM, for submitting the bid on behalf of OEM, would be required to submit a copy of their agency agreement with their principals along with their Technical bid, failing which their bid would be disqualified. 	Scanned copy of the document submitted online
k)	End use certificate or Export license	The Bidder is required to furnish full details and formats of End Use Certificate required for obtaining export clearance from the country of origin.	Scanned copy of the document submitted online
l)	Technical Bid Compliance Statement - Parameter - Specifications of items	Duly signed on each and every page by the authorized signatory and stamped. Technical Evaluation Criteria will be evaluated as per Annexure 2 (6.1&6.2)	Scanned copy of the document submitted online
m)	Special Requirement- Free Sample Scanning Attire	Supplier has to provide three sample sets of typical attire for Small, Medium and Large size for both male and female compatible with the 3D Whole body scanner on offer	Physical sample to be sent through speed post/ Courier post

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			on or before closing date and time of bid 20.06.2018 at 1500 Hours (IST). The Purchase Officer, NIFT
n)	Price Bid	To be filled in the specified format as per Annexure 4.	To be submitted online

5.2. BIDDERS EXPERIENCE

Information of past supply of 3D Whole Body Scanners to reputed organization may be provided in following format. Firms with no successful past track record of supplying subject item will not be considered technically acceptable.

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BIDDERS EXPERIENCE							
Sl. No,	Full address of Customers with names of contact persons, Fax & Phone No.	Country where technology was supplied	Purpose of sale In case of National sizing survey provide No. of Subjects scanned	Description of 3D whole body scanners	Supply Order Nos. and date along with copy of Supply Orders	Qty of the 3D whole body human scanners Supplied by the firm	Value of Supply Orders/Contracts

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6. ANNEXURE 2- TECHNICAL CONDITIONS OF CONTRACT

Preamble

National Institute of Fashion Technology (NIFT), under the aegis of Ministry of Textiles, Govt. of India, is undertaking an extensive research study to develop a comprehensive size chart for ready to wear industry based on body measurements of the Indian population.

The project will entail measuring of 25000 (Twenty Five Thousand) male and female persons between the age group of 15 years and 65 years and above in six different cities located in six regions of India i.e. Kolkata (East), Mumbai (West), New Delhi (North), Hyderabad (Centre), Chennai (South), and Shillong (North-East) using 3D whole body scanners.

The scanner is expected to extract listed anthropometric measurements in various postures with accuracy as specified and meeting all the stated technical specification and ISO compliance standards. The scanning system should provide for data analysis tools required to analysis the collected data to create a size charts and its extensions and derivatives. The demographic data, scanning data, scanned images / avatar and data should be saved for use later.

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Bidders are required to furnish clause by clause compliance of specifications as per 6.1 & 6.2 of this annexure bringing out clearly the deviations from specification, if any. Bidders are advised to submit compliance statement in 6.1 and description of parameters in 6.2 for evaluation of the Technical criteria. (in the provided format). It is mandatory to enclose catalogue/technical brochure to support the claims. The evaluation of 6.2 will be basis the scores given in 6.3.

6.1. TECHNICAL EVALUATION CRITERIA- MANDATORY PARAMETERS (PART 1)

Failure of meeting these criteria will result is disqualification of the bid.

Bidder has to provide information in following format

	Parameter	Specifications of item	Compliance with Technical specifications whether Yes / No	Remarks (In case of non compliance, deviation from RFP to be specified in unambiguous terms. In case of compliance, catalogue/ brochure reference, if available, to be indicated)
I. 3D Whole Body Scanning system				
A1	3 D Whole Body Scanning System	A computer controlled system comprising of hardware and software that creates digital data representing a human form in three dimensions including all necessary elements Viz Cameras, sensors, electrical connection, sockets and associated computer hardware, software, on premise and cloud storage and any systems like voltage stabilizers, uninterrupted power suppliers which are required for satisfactory working of system. The scanner system should be robust to withstand transportation conditions on Indian roads both in the case of shifting of		

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		the scanner between the cities for deployment and in the case of mobile deployment i.e. when placed on a mobile vehicle like a trailer and moved periodically to different locations		
A2	Scan Volume	Scanning volume should be large enough to accommodate considerable human variability. Deviation in scanning volume shall not lead to any limitations on the extraction of all the NIFT specified body dimensions and ISO 8559-1:2017 & ISO 20685:2010-11		
A3	Body Coverage	Minimum requirement 320° in horizontal plane.		
A4	Measurement Accuracy	Required scanning accuracy - The error of the instrument should be less than ± 5 mm or $\pm 1\%$ (whichever is less) in circumference/girth and ± 1 mm or $\pm 0.5\%$ (whichever is less) in height/linear		
A5	Scan Time	Scanning duration inclusive of processing of the full body scan shall not be more than 60 seconds out of which scanning time should not exceed 10 sec.		
A6	Subject Position (Posture) while scanning	Provision of scanning in both standing and sitting postures In accordance with ISO 20685:2010-11 Clause A.2.4		
A7	ISO Compliance	Scanner should be in full compliance with following ISO standards 1. ISO 20685: 2010-11- International standard for 3D scanning methodologies for international compatible anthropometric data bases for protocol		

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		<p>for 3-D</p> <p>2. ISO 20685-2:2015(E) - Evaluation protocol of surface shape and repeatability of relative landmark position</p> <p>3. ISO 8559-1:2017 - Anthropometric definitions for body measurement</p> <p>Self certification in respect to such compliances is mandatory</p>		
A8	Superior Crotch Point Detection	3 D Whole Body Scanning System to have automatic superior crotch point detection which is demonstrable and verifiable		
A9	Compatibility to Other Software	1. 3 D Whole Body Scanning System should present result in Microsoft word and excel for report generation.		
		2. The 3 D Whole Body Scanning System should be able to Interface with at least 1 of the listed statistical analysis tools - SPSS(IBM), SAS		
		3. The scan / avatar files from the 3 D Whole Body Scanning System should have the capability of interfacing with at least 2 of the listed 3d virtual prototyping software - Runaway from Optitex, Tuka3D from Tukatech, Modaris 3D from Lectra and Accumark 3D from Gerber, CATIA		
		4. Export formats: ASCII, OBJ, STL, DXF, txt and pdf . Still images format of TIFF, JPEG and BMP		
A10	Repeatability	As defined in ISO 20685-2:2015(E) clause 5 ISO 20685: 2010-11 Clause A.3.3.5		

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A11	Scan Safety	The 3 D Whole Body Scanning System should be safe for human exposure (including children above 5yrs and geriatric population); with or without medical aids (hearing aids, cardiac pace maker etc) Self certification in respect to such compliances is mandatory		
A12	Mechanical Construction of Scanner	Scanner should be made of lightweight material and has sufficient strength to withstand multiple long distance transportation and handling by road .		
A13	Number of Extracted Measurements	All measurement required to fully comply with the relevant provisions of ISO 8559 -1:2017 & 20685:2010-11 during scanning. Additionally, the system must provide facility to add and configure additional user defined measurements		
A14	Platform	Stationary platform for standing and sitting posture of the subject during scanning with feet position marked		
A15	Height Adjustable Stool	Height adjustable Stool for data collection in sitting posture		
A16	Calibration Method	Automatic/ Manual calibration to ensure continued verification of the system and accuracy		
A17	CPU Configuration & Operating System Requirement	Minimum Intel 6 core i 7 processor, 16Gb RAM, 1 Tb HD, with all necessary features to support scan processing and post processing software and support color printers, minimum two LAN ports ,one CD/DVD drive two USB plug ins and one HDMI Port . Operating System- Windows 10		

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A18	Operating Power requirement	5 Amp / 15 Amp., 110-240 Volts, 50/60 Hz		
A19	3 D Whole Body Scanning System to Record Socio Demographic Questionnaire	The 3 D Whole Body Scanning System should have provisions for capturing socio-demographic details of each subject along with the scan and have flexibility of capturing various user-defined socio-demographic parameters provided by NIFT, which have to be essentially integrated with the scanned data.		
A20	Scan Processing Software	Operating system, user interface, programs, algorithms and instruction associated with the 3 D Whole Body Scanning System necessary for successful scanning.		
		3 D Whole Body Scanning System should allow for the scan in multiple posture to facilitate automatic extraction of required measurements.		
A21	Avatar Creation Software	3 D Whole Body Scanning System should be capable of creating of Avatar from the automatically extracted measurements.		
A22	Extraction Measurement Software	The processing software shall have integrated measurement extraction capability and 3 D Whole Body Scanning System should be able to extract all dimensions listed in ISO 8559-1 :2017 & ISO 20685:2010-11		
		It should have basic human figure manipulation like zoom, pan, rotate, translation and floating axis as mentioned in ISO 20685:2010-11.		

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		The 3 D Whole Body Scanning System should allow for incorporation of additional user defined measurement in measurement protocol		
		Should have option of defining data extraction points post scanning wherein 3 D Whole Body Scanning System recovers that data from the saved avatar/ scan image		
A23	Calibration Unit	Supplier should provide the external master specimen gauge, if separately required, with each scanner to carry out calibration.		
A24	Portable Scanning Booth	Portable Scanning Booth (should be lightweight, aesthetic in appearance and easy to disassemble and re-assemble for transport (One with each scanner)		
A25	Portable Changing Booth	Portable Changing Room (should be lightweight, aesthetic in appearance and easy to disassemble and re-assemble for transport) (Two with each scanner)		
A26	Integration of 3D Whole body Scanning System with NIFT Procured Cloud Services	Integration of 3D whole body scanning system with NIFT procured cloud services for storing, processing, retrieval of the scanned data including the Avatar which may be used for data analysis. Additionally to provide entire data at local platform at NIFT		
A27	Score from Technical Evaluation Criteria listed in (Annexure 2 - 6.3)	Minimum score mandatorily required is 60.		

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II. Training and Operational support				
B1	Training	<p>Operational Training</p> <p>Supplier to provide training for at least 6 man-days (from the parent company with trainer having 5 years of relevant experience) in NIFT Delhi Campus to NIFT team on Operations, installation, calibration and data analysis which will enable team to meet with the requisite objective.</p> <ol style="list-style-type: none"> 1. Total no of People/Batch size for training- 40 persons 2. Training on <ul style="list-style-type: none"> • Scanning process (preparation of subject, posture, scan process, checking of scan for quality and clarity, calibration of system, etc) • Data/scan (collection, storage, extraction of data, defining landmarks, etc) • Data analysis 3. Time of training - After installation of the scanner in the first location i.e. NIFT Delhi 4. Refresher Training <p>As per above after one year of first installation</p>		
B2	Technical and Operational Support-1 (Data Collection)	Supplier to provide technical and operational support for installation (on stationary or mobile platform like trailers etc) and data collection for the first 5 working days (with an option to extend this		

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		to 30 working days period) on each of 6 locations for standardizing the process, exclusive of the training period.		
B3	Technical Support (Post Data Collection)	To provide consultant (from the parent company/scanner company) for data analysis for 10 working days (with an option to extend this to 30 working days period) after the data collection is over		
III. Warranty , AMC, Product Support and Local Support				
C1	Warranty & AMC	Supplier to ensure warranty, Product Support and performance and AMC as per Clause 3.17 of the tender document		
C2	Product Support			
C3	Local Support	Supplier must have a local presence (local office/s in India) and technical support set up in India either own or legally appointed agents who can provide reliable service on their behalf		
IV. Logistics				
D1	Scanner Unit Packaging Box	Provision of suitable reusable rugged boxes/bags which can safely hold all the components of the scanning device so that the scanner system can be safely transported from one location to another by road for any mode of transport. The enclosure should be durable robust and road worthy. The enclosure should have suitable anti vibration mounts to isolate critical components of the system from road vibration		

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D2	Transport to Different Locations <i>Clause 3.13 of tender document</i>	<p>All three 3D Whole body scanner systems will be delivered at NIFT Delhi and the training will be organized at the site of the delivery. Post training and completion of scanning survey at Delhi the scanners will be shifted to subsequent locations as per the sequence given below where the survey will be undertaken. Scanning in all centers other than Shillong will require all 3 systems to be present into action.</p> <p>Transportation post delivery (dates will be intimated on delivery)</p> <p>The Transportation movement sequences to scanning sites is as indicated below (dates will be intimated on delivery)</p> <ul style="list-style-type: none"> — NIFT Delhi to NIFT Mumbai (all three scanner) — NIFT Mumbai to NIFT Chennai (all three scanner) — NIFT Chennai to NIFT Hyderabad (all three scanner) — NIFT Hyderabad to NIFT Kolkata (all three scanner) — NIFT Kolkata to NIFT Shillong (1scanner) — NIFT Kolkata to Delhi (1scanner) — NIFT Kolkata to NIFT Mumbai (1scanner) — NIFT Shillong to NIFT Kolkata (1scanner) <p>Note: (to be paid as per actual on production of original bills/ invoice subject</p>		
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		to the maximum of amount quoted)		
V. Experience of National sizing survey				
E1	Experience of undertaking national sizing survey of any country	Scanner provider should essentially have the experience of undertaking and successfully completing National Sizing Survey (undertaken through consortium of multiple companies/ organisations/ academia/ Government of the respective country) of at least one country using the same technology as offered . Scanner provider should provide the list of the country(s) for which the sizing survey has been successfully undertaken and completed by them along with the number of samples measured. Bidders Experience may be documented in format provided in clause 5.2 Annexure 1		

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6.2. TECHNICAL EVALUATION CRITERIA (PART 2)

Technical criteria will be evaluated using following parameters.

Bidder has to provide information in following format.

	Parameter	Description of Parameters	Remark if any
I. 3D Whole Body Scanning system			
A28	Number of angles		
A29	Number of Sensors		
A30	Surface data density		
A31	Body Coverage		
A32	Measurement Accuracy		
A33	Scan time Inclusive of data processing time		
A34	Compliance with ISO 8559-1:2017 ; ISO 20685:2010-11& ISO 20685-2:2015(E) standards certified by an accredited third party certification authority and agency		
A35	Compliance with ISO 7250 - 1:2017(E) standards certified by an accredited third party certification authority and agency		
A36	Setup time Time taken for Setting up the scanner		
A37	Compliance with human safety standards certified by an accredited third party certification authority and agency		
A38	During scanning measurement extraction of NIFT defined measurement. How many measurements can be extracted from Listed in Annexure 3 during scanning		
A39	Post scanning Measurement extraction		

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	<p>of remaining NIFT defined measurement not extracted in A38</p> <p>How many measurements can be extracted from Listed in Annexure 3 post scanning from the remaining measurements not covered in A38</p>		
A40	<p>Post scanning measurement extraction</p> <p>of additional measurement which have not been defined before scanning</p>		
A41	<p>Platform</p> <p>Stationary platform for standing and sitting of the subject during scanning</p>		
A42	<p>Height adjustable Stool for data collection in sitting posture</p>		
A43	<p>Method of Calibration</p>		
A44	<p>Provision of Recording and playback of Audio Instructions for the subject being scanned</p>		
A45	<p>Automatic garment size calculation software</p>		
A46	<p>Weighting platform</p> <p>The capacity of the weighing platform shall not be less than be 200Kg with an accuracy of $\pm 0.1\%$ of full scale</p>		
A47	<p>Needs for Markers</p> <p>The Scanner shall preferably do automatic measurement extraction of all listed in ISO 8559-1:2017 ; ISO 20685:2010-11 and NIFT defined measurements in case scanner requires to use markers for landmark identification such markers for 12,500 scans may be provided. Such markers should be safe for use on human subjects.</p>		

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A48	Option of slicing the avatar/ scan image for data extraction		
V. Experience of National Sizing Survey			
E1	Experience of undertaking National Sizing Survey (undertaken through consortium of multiple companies/ organisations/ academia/ Government of the respective country) for any country.		

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6.3. TECHNICAL EVALUATION CRITERIA SCORE SHEET

Technical criteria will be evaluated using following scores

	Parameter	New Weightage	Score Criteria
I. 3D Whole Body Scanning system			
A28	Number of angles	3	3 if more than 4 angles 2 if 4 angles 1 if less than 4 angles
A29	Number of sensors	3	3 if More than 20 sensors 2 if 12- 20 sensors 1 if 1- 11 sensors
A30	Surface data density	6	6 if more than 100 Points/cm ² 4 if 50 to 100 Points/cm ² 2 if less than 50 Points/cm ²
A31	Body coverage	6	6 if 360° body coverage 4 if ≥ 340° to < 360° body coverage 2 if ≥ 320° to < 340° body coverage
A32	Measurement accuracy	9	9 if Less then ± 1 mm or ± 1% (whichever is less) in circumference/girth and ± 1mm or ± 0.5% (whichever is less)in height/linear 6 if Less then ± 3 mm or ± 1% (whichever is less) in circumference/girth and ± 1mm or ± 0.5% (whichever is less)in height/linear 3 if Less then ± 5 mm or ± 1% (whichever is less) in circumference/girth and ± 1mm or ± 0.5% (whichever is less)in height/linear
A33	Scan time Inclusive of data processing time	6	6 if less than 20Sec 4 if 20-40 Sec 2 if more than 40 sec

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A34	Compliance with ISO 8559-1:2017 ; ISO 20685:2010-11 & ISO 20685-2:2015(E) standards certified by an accredited third party certification authority and agency	6	6 if All ISO 8559-1:2017, ISO 20685:2010-11 and ISO 20685-2:2015(E) 4 if Any two of ISO 8559-1:2017, ISO 20685:2010-11 and ISO 20685-2:2015(E) 2 if Either of ISO 8559-1:2017, ISO 20685:2010-11 and ISO 20685-2:2015(E)
A35	Compliance with ISO 7250 - 1:2017(E) standards certified by an accredited third party certification authority and agency	3	3 if having full compliance with ISO 7250 - 1:2017 with third party certification 2 if having full compliance with ISO 7250 - 1:2017 with self certification 1 if having partial compliance with ISO 7250 - 1:2017 with self certification 0 if no compliance
A36	Setup time Time taken for Setting up the scanner	3	3 if less than 3 Hours 2 if 3 Hours to 5 Hours 1 if More than 5 Hours
A37	Compliance with human safety standards certified by an accredited third party certification authority and agency	3	3 if yes 0 if no
A38	During scanning measurement extraction of NIFT defined measurement. How many measurements can be extracted from Listed in Annexure 3 during scanning	6	Percentage of measurement extracted from annexure 3 6 if More than 90% 4 if 50- 90% 2 if less than 50%
A39	Post scanning Measurement	6	Percentage of measurement extracted

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	extraction of remaining NIFT defined measurement not extracted in A38 How many measurements can be extracted from Listed in Annexure 3 post scanning from the remaining measurements not covered in A38		6 if More than 90% (in case you are able to extract 100% measurement in A39, you will be awarded 6 marks) 4 if 50- 90% 2 if less than 50%
A40	Post scanning measurement extraction of additional measurement which have not been defined before scanning	6	Automatic extraction of additional measurement from all scanned images 6 if in one go 4 if in batch wise process 2 if one scan at a time
A41	Platform Stationary platform for standing and sitting of the subject during scanning	2	2 if Feet position marked with hand support 1 if Feet position marked with no hand support
A42	Height adjustable stool For data collection in sitting posture	2	2 if Provision of Integrated height adjustable stool for sitting posture 1 if Provision of separate height adjustable stool for sitting posture
A43	Method of calibration	2	2 if Automatic/manual calibration with external master specimen 1 if Automatic/manual calibration without external master specimen
A44	Provision of recording and playback of audio instructions for the subject being scanned	2	2 if Yes 0 if No
A45	Garment size calculation	6	6 if Garment size calculation option included in

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	software		<p>the 3 D Whole Body Scanning System</p> <p>3 if Provision of garment size calculation option available but not included in 3 D Whole Body Scanning System (In which case bidder may give the reason in the remark column for non inclusion and provide information about additional cost, if any, to include in scope of supply)</p> <p>0 if No Provision of garment size calculation</p>
A46	<p>Weighing platform</p> <p>The capacity of the weighing platform shall not be less than be 200Kg with an accuracy of $\pm 0.1\%$ of full scale</p>	3	<p>3 if Fully Integrated weighing platform of mentioned capacity and accuracy with automatic weight capturing in main data collection sheet</p> <p>2 if Separate weighing platform of mentioned capacity and accuracy with automatic/ wireless transfer of data to main data collection sheet</p> <p>1 if Separate weighing platform of mentioned capacity and accuracy with manual entry of data in main data collection sheet</p>
A47	<p>Needs for markers</p> <p>The Scanner shall preferably do automatic measurement extraction of all measurements all dimensions listed in ISO 8559-1:2017 ; ISO 20685:2010-11 and NIFT defined measurements in case scanner requires to use markers for landmark</p>	2	<p>2 if Provision of measurement extraction without using markers</p> <p>1 if Provision of measurement extraction using markers</p>

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	identification such markers for 12500 scans may be provided. Such markers should be safe for use on human subjects.		
A48	Option of slicing the avatar/ scan image for data extraction	6	6 if Option of slicing the avatar/ scan image for data extraction in both horizontal and vertical direction 3 if option of either slicing the avatar/ scan image for data extraction in vertical direction or horizontal direction 0 if No option of slicing the avatar/ scan image for data extraction
		91	
V. Experience of National Sizing Survey			
E1	Experience of undertaking National Sizing Survey (undertaken through consortium of multiple companies/ organizations/ academia/ Government of the respective country) for any country Scanner provider should provide the list of the country(s) for which the sizing survey has been undertaken using the same technology as on offer with number of sample measured.	9	9 if three and more countries 6 if two countries 3 if one country
		100	

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3. Special Requirement – Free Sample

Scanning Attire

Supplier has to provide three sample sets of typical attire for small medium and large size for both male and female along with the bids.

Supplier has to provide three sample sets of typical attire for Small, Medium and Large size for both male and female compatible with the 3D Whole body scanner on offer at the following address through speed post/ Courier post on or before closing date and time of bid on 20.06.2018 at 1500 Hours (IST).

The Purchase Officer,


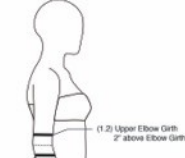

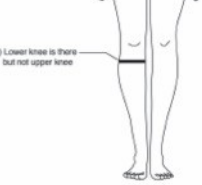
National Institute of Fashion Technology,
NIFT Campus, Near Gulmohar Park, Hauz Khas,
New Delhi-110016
India.

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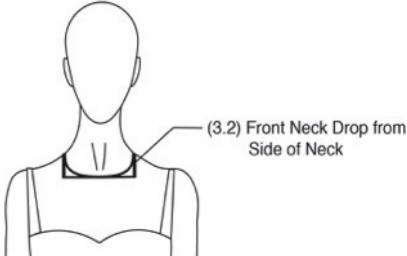
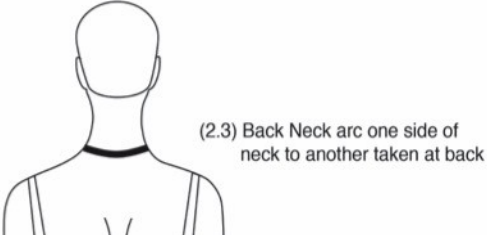
7. ANNEXURE 3 NIFT SPECIFIED HUMAN BODY DIMENSIONS

30 Measurements added by NIFT in addition to ISO 8559-1:2017 - Anthropometric definitions for body measurement.

S.No.		Diagram
1.	GIRTH ALL ROUND BODY MEASUREMETNS	
1.1.	Face girth from neck point - All around face measurement taken from neck point	 <p>(1.1) Face Girth from Neck Point</p>
1.2.	Upper elbow girth -2"above elbow girth	 <p>(1.2) Upper Elbow Girth 2" above Elbow Girth</p>
1.3.	Lower elbow girth 2"below elbow girth	 <p>(1.3) Lower Elbow Girth 2" below Elbow Girth</p>
1.4.	Lower knee girth -2" below knee girth	 <p>(1.4) Lower knee is there but not upper knee</p>

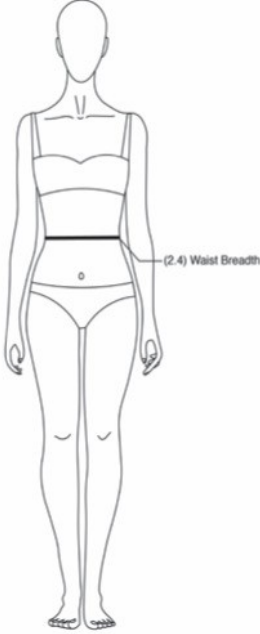
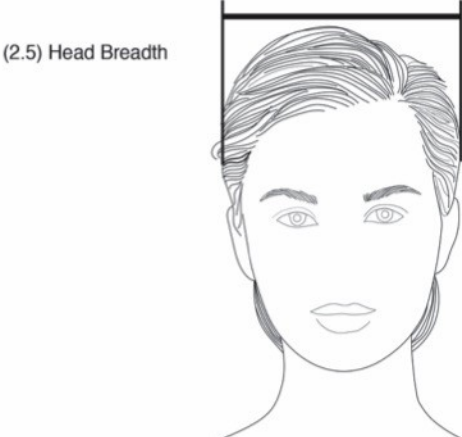
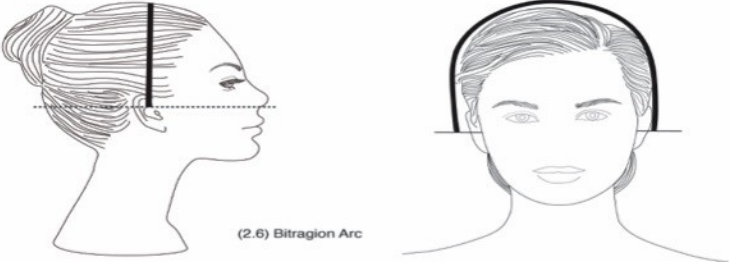
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<p>2.</p>	<p>ARC - WIDTH / ARC OF THE BODY</p>	
	<p>Back head arc -eye to eye on back of head</p>	
	<p>Front neck arc - one side of neck to another taken in front</p>	
	<p>Back neck arc one side of neck to another taken at back</p>	

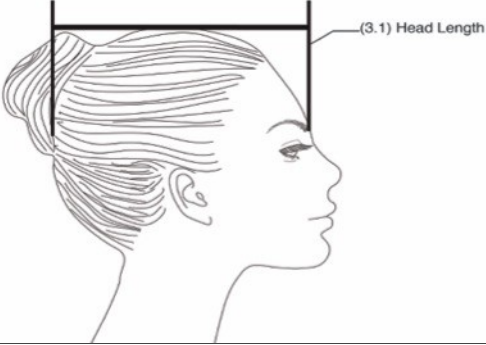
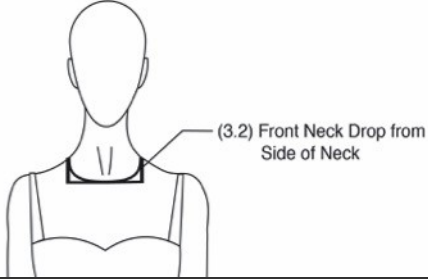
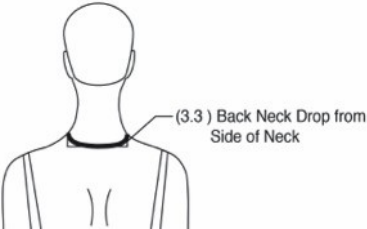

I accept the above terms & conditions

(Full Signature & Stamp of the Bidder)

	<p>Waist Breadth-Maximum horizontal distance across natural waist</p>	
	<p>Head breadth</p>	
	<p>Bitragion arc</p>	

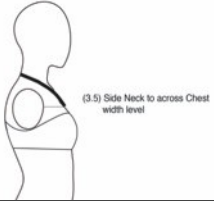
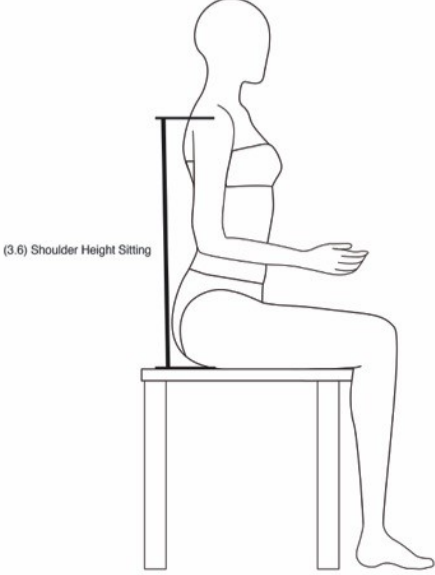
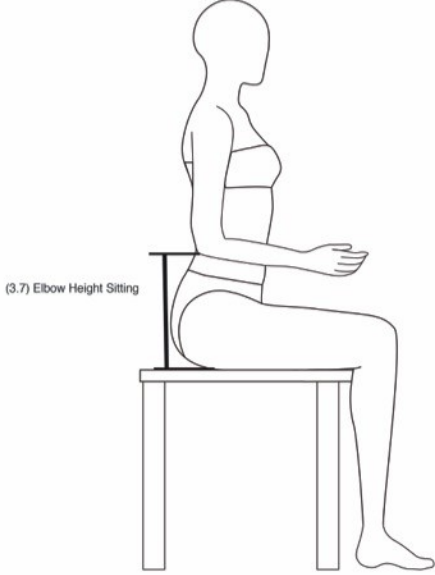
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3.	LENGTH MEASUREMENTS	
3.1.	Head length	
3.2.	Front neck drop from side of neck	
3.3.	Back neck drop from side of neck	
3.4.	Side neck to under bust level over the bust	

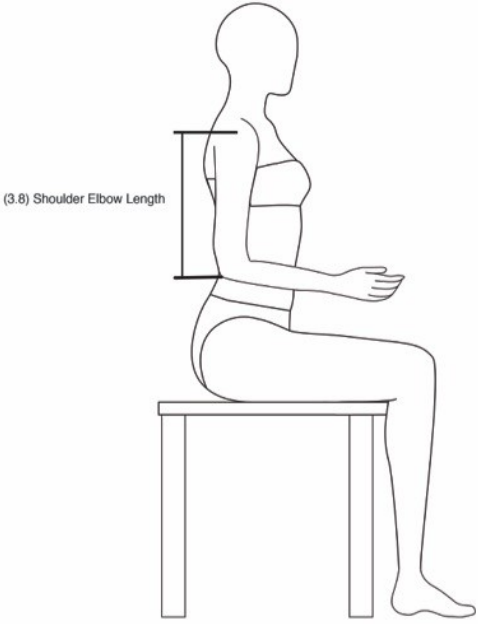
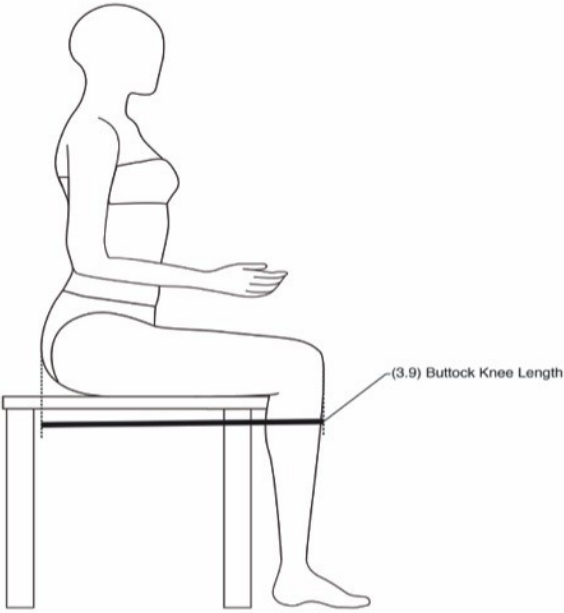
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<p>3.5.</p>	<p>Side neck to across chest width level</p>	
<p>3.6.</p>	<p>Shoulder height sitting</p>	
<p>3.7.</p>	<p>Elbow height sitting</p>	

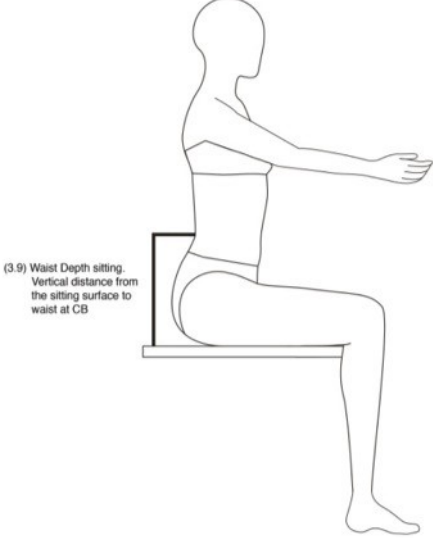
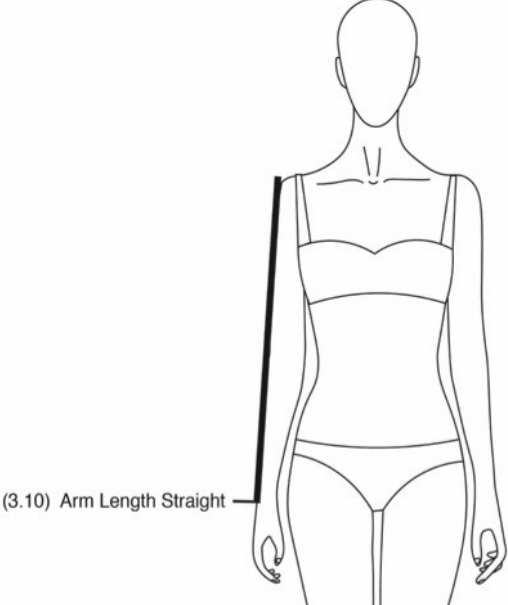
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<p>3.8.</p>	<p>Shoulder elbow length</p>	
<p>3.9.</p>	<p>Buttock knee length</p>	

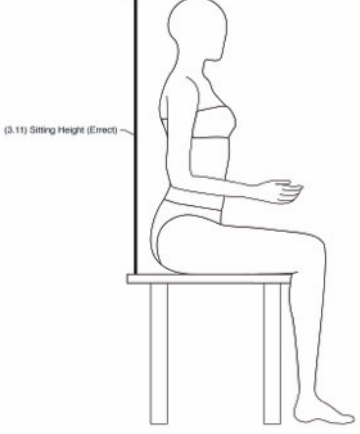
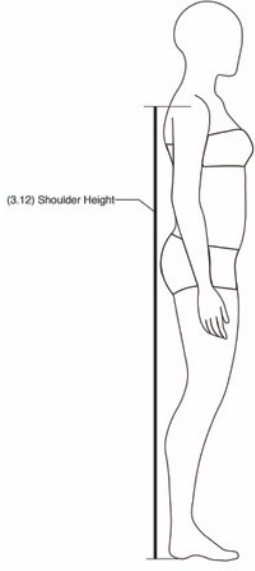
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<p>3.10.</p>	<p>Waist Depth, Sitting Vertical distance from the sitting surface to waist at CB</p>	 <p>(3.9) Waist Depth sitting. Vertical distance from the sitting surface to waist at CB</p>
<p>3.11.</p>	<p>Arm length straight (shoulder to wrist taken over straight arm)</p>	 <p>(3.10) Arm Length Straight</p>

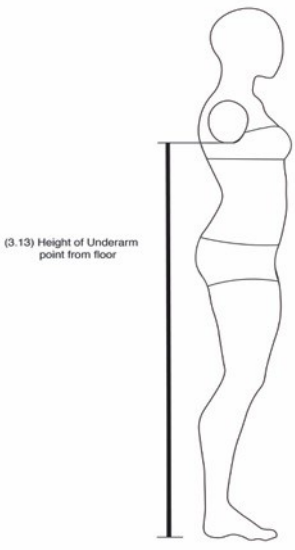
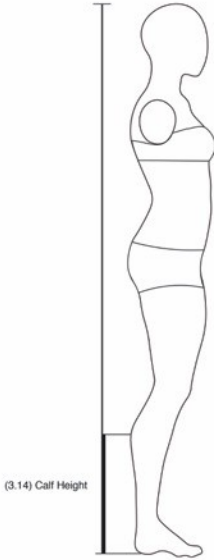
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<p>3.12. Sitting height erect</p>		 <p>(3.11) Sitting Height (Erect)</p> <p>The diagram shows a female silhouette sitting on a rectangular stool. A vertical line is drawn from the top of the head to the top surface of the stool. A horizontal line is drawn from the top of the head to the vertical line, and another horizontal line is drawn from the top surface of the stool to the vertical line. The vertical segment between these two horizontal lines is labeled with a leader line as '(3.11) Sitting Height (Erect)'.</p>
<p>3.13. Shoulder height (standing)</p>		 <p>(3.12) Shoulder Height</p> <p>The diagram shows a female silhouette standing. A vertical line is drawn from the top of the head to the top of the shoulders. A horizontal line is drawn from the top of the head to the vertical line, and another horizontal line is drawn from the top of the shoulders to the vertical line. The vertical segment between these two horizontal lines is labeled with a leader line as '(3.12) Shoulder Height'.</p>

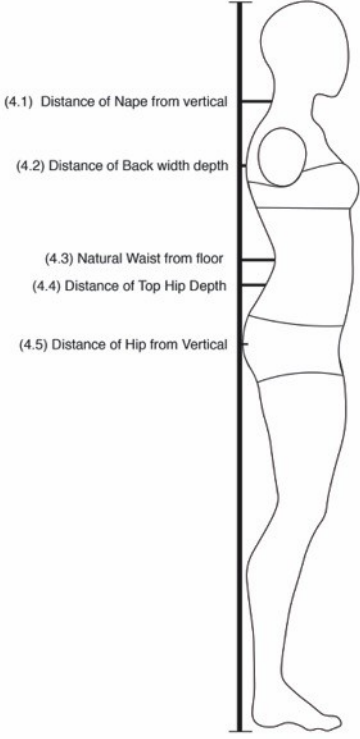
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<p>3.14.</p>	<p>Height of Underarm point from floor</p>	
<p>3.15.</p>	<p>Calf height (calf level from floor)</p>	
<p>4.</p>	<p>DEPTH / CURVES FROM VERTICAL (HIP LEVEL BEING THE VERTICAL PLANE)</p>	

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4.1.	Distance of back neck from vertical	
4.2.	Distance of Back width depth from vertical	
4.3.	Distance of natural waist from vertical	
4.4.	Distance of top hip depth from vertical	
4.5.	Distance of hip from vertical (this is Zero position for vertical)	

Signature of Bidder :-----
Name of the Authorized Signatory :-----
Name of the Company/Firm :-----
Seal of the Company/Firm :-----
Address :-----
Contact No.:-----

I accept the above terms & conditions

(Full Signature & Stamp of the Bidder)

8. ANNEXURE 4- PRICE BID FOR PROCUREMENT OF 3D WHOLE BODY SCANNING SYSTEM

Price Bid Format: The Price Bid Format as given below is required to be filled by Bidders:

NIFT Head Office GSTIN. - 07AAATN2067J1ZI

NIFT is registered with the Department of Scientific and Industrial Research (DSIR) for the purpose of availing custom duty exemption in terms of Government Notification No. 51/96- Customs dated 23 July, 1996 and Central Excise Duty exemption in terms of Government Notification No. 10/97 – Central excise dated 1 March, 1997 as amended time to time.

Cost of the Item/Items (description of each item may be taken from scope of supply)				
S.No	Items	Number of Units	Unit Price (Currency USD)*	Total Price (Currency USD) *
I.	3D Whole Body Scanning System (Price quoted must be CIP Delhi)	3		
II.	A) Training (for minimum indicated days as per Annexure 2 - II. Training and Operational support)	6		
	B) Operational /Technical support (for minimum indicated days as per Annexure 2 - II. Training and Operational support)**	40		
III.	AMC (Comprehensive) Clause 3.17.3	3		
IV.	Logistics Lump sum to be quoted as per Clause 3.13 of tender document (to be paid as per actual on production of	3		

I accept the above terms & conditions

(Full Signature & Stamp of the Bidder)

	original bills/ invoice subject to the maximum of amount quoted)			
V.	Any other item (please specify)***			
VI.	Less Discount (if offered)			
VII.	Any other Taxes / Duties / Overheads / Other costs			
VIII.	Custom Duty (CD) Details Total amount of Customs Duty payable			
	Total Amount			
	Total Amount (In Words)****			

***Applicable IGST will be borne by NIFT if applicable on any part of the services by foreign bidders.**

**** In Operational /Technical support please quote consultancy charges per day along with Boarding & Loading charges.**

*****Any extra equipment or parts required by the scanner to function completely to meet the objective of the procurement but missed above in the scope of supply by NIFT should also be listed with reason and quoted**

******In case of discrepancy in price quoted in words and figures, amount in words will prevail.**

Purchase Officer, National Institute of Fashion Technology, New Delhi reserves the right to accept or reject any or all the applications without assigning any reason thereof.

Signature of Bidder :-----
Name of the Authorized Signatory :-----
Name of the Company/Firm :-----
Seal of the Company/Firm :-----
Address :-----

I accept the above terms & conditions

 (Full Signature & Stamp of the Bidder)

Contact No.:-----

PURCHASE OFFICER
NIFT-HEAD OFFICE, NEW DELHI

I accept the above terms & conditions

(Full Signature & Stamp of the Bidder)