

INVITATION FOR QUOTATION

DIC/UIET/2017

Date: 06-03-2017

Ortho software for design of Clear Aligner

Shopping

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation (separate technical and price bids) for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1.	Ortho software for design of clear alinger	30	UIET, Sector 25, PU, Chandigarh	Yes

2. Quotation,

- 2.1 The contract shall be for the full quantity as described above.
- 2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
- 2.4 Applicable taxes shall be quoted separately for all items.
- 2.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 2.6 The Prices should be quoted in Indian Rupees or foreign currency.

3. Each bidder shall submit only one quotation.

4. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

5. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

5.1 are properly signed ; and

5.2 confirm to the terms and conditions, and specifications.

6. The Quotations would be evaluated for all items together.

7. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

9. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

10. You are requested to provide your offer latest by **17:00** hours on **20-03-2017**.

11. Detailed specifications of the items are at Annexure I.

12. Training Clause (if any) **yes**

13. Testing/Installation Clause (if any) **yes**

14. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
15. Sealed quotation to be submitted/ delivered at the address mentioned below,
University Institute of Engineering and Technology, Sector-25, South Campus Panjab University
Chandigarh
16. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Sr. No	Item Name	Specifications
1	Ortho software for design of clear aligner	<ol style="list-style-type: none"> 1. The software should be able to create Digital Patient i.e. merge CT, CBCT scans, surface scans & 2D images all together. 2. The software should be able to export master models with removed undercuts, hollowed, ID tags etc to replace traditional master models in the lab process. 3. The software should be able to provide open STL format, allows to manufacture on the machine and materials of your choice, in-house or outsourced. 4. The software should have capability of editing through multiple views 5. The software should be able to have several options for metal (investment casting of 3D printed wax, laser sintering), biocompatible resins. 6. The software should be able to integrate with all dental solutions for restorations, implants drill guides, abutments etc. 7. The software should have complete CAD Modeling toolbox to create all types of appliances, with option to add user-defined STL files. 8. The software should be able to provide complete treatment planning services: detailed tooth movements for selection of appliances and treatment monitoring. Use virtual articulators to optimize function. 9. The software should be able to accurately place brackets on digital models of the patient's malocclusion and flexible design of bonding transfers. 10. The software should be able to provide animation of treatment proposals to help customers communicate their treatment plan to the patients. 11. The software should be able to analyse and treat planning: increase the range of services. 12. The software should be able to Integrate all patient clinical data (digital patient). 13. The software should be able to use 2D and 3D analysis toolbox for fully customizable analysis

		<p>wizards and questionnaires to match lab's or dental expert's or customer's specific needs</p> <ol style="list-style-type: none"> 14. The software should be able to share cases digitally to Orthodontic Ready Labs. 15. The software must generate water tight STL files without loss of orientation, depth and dimensions. 16. The software should be able to superimpose and align data from Cone Beam CT scanners to identify roots and tissues for improved planning. 17. The software should be able to enable 2D and 3D measurements and Standard analysis (Bolton, etc.) 18. It should be capable of registering two scans in occlusion.
2	Implant studio software for design of implants	<ol style="list-style-type: none"> 1. The software should be able to provide opportunity to plan implant treatment and design surgical guide for the planned treatment 2. The software should be an open system and must allow importing of stl and CT scan data in dicom format from any CT machine. 3. The design file for the guide must be in STL or any other open format so that it can be sent to any 3D Printer or milling machine for fabrication. The STL file should be a water tight STL so that none of the details are missed during 3D printing. 4. The software must have automatically updated digital library of multiple implant systems, abutment sleeves and guided surgical kits along with ability to design custom made crowns and abutment depending upon the implant size. 5. The software must allow the user to change the dimension of surgical guides like thickness, extent, sleeve position etc., while designing. 6. The supplier must provide online support for the software in case of any issue. 7. The software must have the possibility of updating the implant and sleeves libraries unlimited i.e. no of times to keep up with newly developed implant systems.

		<ol style="list-style-type: none">8. The supplier must provide thorough training at the time of software installation.9. The software must allow sharing treatment planning digitally with other users.10. The software must generate a surgical report of implant planning and drilling protocol automatically. The report generated should be in a format so that it can be easily shared or printed.11. The software should have complete CAD Modeling toolbox to create all types of appliances, with option to add user-defined STL files.12. The software should be able to enable 2D and 3D measurements and Standard analysis (Bolton, etc.)13. The software should have mirroring capability.14. The software should be able to create 3d model using different reconstruction algorithms such as Multiplanar Rendering, Contour based surface Rendering, Marching Cube Algorithm, Volume rendering by the Ray Cast algorithm etc.15. The software should be able to select and adjust 3D display followed by editing of output stl files.16. The software should have tools for smoothening and Sharpening of models.
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FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ———— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____