

PANJAB UNIVERSITY
DR. HARVANSI SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL
SECTOR-25, CHANDIGARH
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Tender no. IDS-1/8789/2015-16

Date 30.09.2015

TENDER DOCUMENT FOR THE PURCHASE OF PRE-FABRICATED MOBILE DENTAL VAN



Last date for issue of Tender document	23.10.2015
Due date and time for submission of Tender	26.10.2015 up to 1.00 p.m.
Pre bid meeting Venue : Committee Room of the Institute	12-10-2015 at 11.00 a.m.
Date & Time of opening of Technical bid	26.10.2015 up to 3.00 p.m.
Date & Time of opening of Financial bid	To be notified later

Tender fee Rs.500/-

PANJAB UNIVERSITY
DR. HARVANSI SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL
SOUTH CAMPUS, SECTOR-25, CHANDIGARH
E-mail: directordental@pu.ac.in

No..... /IDS

Date

IMPORTANT NOTE

This tender is for the supply of Pre- fabricated Mobile Dental Van inclusive of chassis, mobile van body along with fitted dental equipment and accessories.

1. This Tender document, specifications along with terms & conditions may be obtained from the office of the Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh (by submitting demand draft of Rs. 500/- payable at Chandigarh, in favor of Registrar, Panjab University, Chandigarh).
2. Tender fee of Rs. 500/- is to be submitted along with the Tender if it is downloaded from Website of Dental College & Hospital, Panjab University, Chandigarh (www.dentalsciences.puchd.ac.in).

This Tender form is placed to M/s.....at the cost of Rs.500/-.

From

The Principal-cum-Professor,
Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital,
Sector-25, South Campus,
Panjab University, Chandigarh-160014.

The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Punjab University, Chandigarh, has invited sealed tender as per following Annexure and Item to be procured.

S.N.	Name of Annexure/Items	Annexure	Page No.
1.	Undertaking from the supplier on Non-Judicial stamp paper worth Rs. 30/- duly attested by Notary.	Annexure-A	14-15
2.	Performance Bond (Bank Guarantee)	Annexure-B	16-18

3.	Undertaking from the Supplier on a Non-Judicial Stamp Paper of Rs. 30/- duly attested by Notary) (To be returned within 30 days of issue of supply order)Performance Bond/Guarantee	Annexure-C	19-20
4.	Specifications		
	(i) Chassis	Annexure D-1	21
	(ii) Fabrication of mobile dental van	Annexure D-2	22-26
	(iii) Equipment and accessories	Annexure D-3	27-29

3. Technical bid shall be opened at 3.00 p.m. on 26.10.2015. The date and time for opening of the financial bids shall be intimated later after evaluation of the technical bid. In case, date of opening falls on day which is declared public holiday, the bids shall be opened on the following day at the same time.

4. Tender must reach at the address given above in due date & time. The latest hour and date of receipt is up to 1.00 p.m. on 26.10.2015. The Institute will not be responsible for any type of delay, in submission of Tender.

5. Tenders are to be submitted as a three stage procedure i.e. EMD, Technical bid & Financial bid. All these three i.e. EMD, Technical bid and financial bid shall be sealed in 3 different envelopes viz. envelope A,B & C respectively. All these 3 envelopes should be marked as below :-

Envelope A-EMD

Envelope B-Technical bid

Envelope C- Financial bid

All these 3 envelopes should also be super-scribed as 'Tender for Pre-fabricated Mobile Dental Van on _____. The name, and address of the tenderer should also be mentioned on each envelope. All these 3 sealed envelopes should then be put in a bigger envelope which should be sealed and super scribed 'Tender for Mobile Dental Van on _____' Name of the company and address should be written on this bigger envelope and this

should be addressed to the Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, South Campus, Sector-25, Panjab University, Chandigarh.

5-A ENVELOPE A (EMD)

The contents of envelope–A should include following items

1. EMD in accordance with instructions given below.
2. Undertaking on non-judicial stamp paper of Rs. 30/- (Annexure-A)
3. The tender form as procured, duly signed & stamped on each page.
4. Affidavit on non-judicial stamp paper of Rs.100, regarding the tenderer having adequate in-house infrastructure for fabrication and fitment of medical & other equipment, as per 6(ii).
5. Registration certificate of the company as per 6(i).
6. ISO certificate to the company as per 6(iii).

Other important points w.r.t. Earnest Money Deposit are :-

i) EARNEST MONEY DEPOSIT

Rs. 5,000.00 up to 1 Lac approx value of bid
 Rs. 50,000.00 up to 25 Lac approx value of bid
 Rs.1,00,000.00 up to 50 Lac approx value of bid
 Rs.1,50,000.00 for bids of value above 50 lacs.

- ii) The Earnest Money should be in the form of a scheduled bank/term deposit receipt valid for one year in the name of Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Panjab University, Sector-25, Chandigarh. Earnest Money in any other form will not be accepted.
- iii) Bids not accompanied by Earnest Money as stated above or less than the amount stipulated above shall be summarily rejected.
- iv) Earnest money/ security deposit/any other sums of the tenderers lying with the Institute in connection with any other tender/case will not be considered against this tender.
- v) The EMD shall be returned after completion of tender process to the unsuccessful firms and successful firms after receiving the 10% Bank

Guarantee of the FOB value which has to be deposited within 30 days after placing the supply order to the successful firms.

5-B ENVELOPE B (TECHNICAL BID) (To be submitted in duplicate)

The contents of envelope –B should include following items

1. Covering letter indicating the list of enclosures.
2. Name and detailed specifications of the quoted Mobile Dental Van including chassis & equipment/fixtures with Price Blanked
3. Name and detailed specifications of essential accessories if any with price Blanked
4. Name and detailed specifications of optional accessories if any with price Blanked
5. Name and detailed specifications of the alternative Equipment with price Blanked
6. Warranty Offered.....Year/s (Minimum for Two Years)
7. Statement of deviation, parameter wise, from tendered technical conditions,/ specifications if any.
8. Copy of Income tax clearance certificate, latest PAN/TAN, copy of VAT registration/Service Tax registration, Registration Certificate.
9. User List.
10. Name and address of nearest authorized service centre.
11. Last three years turn over of the firm in the concerned business duly certified by a Chartered Accountant.
12. Information regarding other contracts entered/supplied made, into/to semi Govt. or Govt. institutions, of the same nature, during last 3 years may also be provided

The Detailed Technical Specifications Are Given In Annexure-D.

Other important points w.r.t. Technical bid are :-

- i) All pages of the Technical Bid shall be numbered and signed.
- ii) The items for which the tenderer wishes to quote, should be quoted section wise as per Annexure-D in the same sequence i.e. (D1-D2-D3).
- iii) The tenderer shall give a list of Hospitals/Institutes in India where the Mobile Dental Van has been supplied. The Institute reserves the right to inspect such establishments and see actual performance of such vehicle.
- iv) A person signing the tender form or any other document forming part of the contract on behalf of another shall be deemed to warranty that he has authority to bind such others and if on enquiry it appears that the person so signing had no authority to do so, the purchaser, may, without prejudice to other civil and criminal remedies against the contract, hold the signatory liable for all costs and damages and forfeit the Earnest Money.
- v) Rates and Service charges should not be quoted in the Technical bid.
- vi) Tenders not accompanied by detailed information as required, are liable to be rejected.

- vii) It is specifically required that the tenderer whose quote should be selected finally will supply all the operations and service manuals along with blue-prints and drawings including circuit diagrams of the vehicle supplied as well as its components.

Note: It's mandatory to provide the drawings i.e. three dimensional diagrams (using Autocad software or any other) and "Center of Gravity" lay out plan based on the technical specifications should be enclosed along with the technical bid.

5-C ENVELOPE-C (FINANCIAL BID) (to be submitted in duplicate)

The contents of envelope-C should include following items :-

1. Covering letter
2. Name and detailed specifications of the quoted Mobile Dental Van with Price indicated
3. Name and detailed specifications of essential accessories if any with price indicated
4. Name and detailed specifications of optional accessories if any with price indicated
5. Name and detailed specifications of the alternative Equipment with price indicated.
6. Service Contract.

The rates of the service contract after warranty period (two years) for both AMC and CAMC must be indicated strictly as below:

	AMC	CAMC	
Rate for 1st year	Rs. _____	Rs. _____	} for ____ units.
Rate for 2nd year	Rs. _____	Rs. _____	
Rate for 3rd year	Rs. _____	Rs. _____	
Rate for 4th year	Rs. _____	Rs. _____	
Rate for 5th year	Rs. _____	Rs. _____	

Other important points w.r.t. Financial bid are :-

- i) All pages in the financial bid shall be numbered and signed.
- ii) The items for which the tenderer wishes to quote, should be quoted section wise as per Annexure-D in the same sequence i.e. (D1-D2-D3).
- iii) The words, 'not quoting' should be clearly written against any item of equipment for which the tenderer is not quoting.
- iv) Price should be quoted in Indian Rupee only.
- v) The rates and units shall not be overwritten. The tender offer should be typed or written in ink. Offers in pencil will be rejected.

- vi) All type of taxes to be charged should be mentioned specifically other wise the amount mentioned in the bid will be treated as inclusive of all taxes.
- vii) Tenderer must quote only one rate for each item/make/model. These rates should be FOR destination.
- viii) CAMC has to be for all parts. The CAMC may also include consumable and reagents. Any conditional offer may render the tender invalid.
- ix) The charges for the service contract will be paid in 4 equal installments in arrears for satisfactory service or as per mutually agreed upon schedule.

6. **Essential Qualifying Criteria for the bidders.**

- (i) The Company participating in the tender should be registered under the Companies Act, 1956 showing main business of manufacturing Mobile Dental Units/Mobile Medical Unit/Ambulance.
- (ii) The agency must have adequate in-house infrastructure for fabrication, and fitment of medical and other equipments. In this regard the Agency will have to submit an Affidavit on non-judicial Stamp paper of Rs 100 to this effect.
- (iii) The tenderer should be ISO certified showing the main activities as fabrication of Mobile Medical Units/Mobile Dental Units/Ambulance.
- (iv) The preference will be given to the company who has already supplied Mobile Dental Van to Government Dental Colleges.

Note: The documents with regard to points i, ii & iii should be included in envelope-A.

7. **Special Terms & Conditions**

- (i) Inspection

Principal/Constituted Committee, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Chandigarh shall carry out inspection at the fabrication unit of the bidder before acceptance of the fully fabricated and equipped Mobile Dental Vans. Principal of Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital or the nominated members shall be at liberty to carry out inspection of the facility of contractor at any time to see that the work of fabrication and fitment of the Equipments is going on as per schedule. The fabricator has to co operate and coordinate with the visits of the faculty.

- (ii) The minimum Schedule of Inspection is as stated below:

- (a) First inspection will be carried out at fabricator site for physical inspection of the Chassis procured by Fabricator.
- (b) Second Inspection after the completion of bare shell body. This way department will also inspect whether the panels used are joint free.
- (c) Third inspection will be after the purchase of complete equipment which is to be installed in the van.
- (d) Fourth inspection shall be after the entire equipment and fixtures have been installed.

(iii) Chassis will be purchased by the successful tenderer. The chassis will be purchased in favour of Principal, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital.

(iv) Mobile Dental Van Registration:

The bidder will be responsible for the registration of Mobile Dental Van in the name of the Principal, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital with the appropriate authority of Chandigarh (UT).

8. GENERAL TERMS & CONDITIONS

- I). EMD will be released to unsuccessful bidder(s) after finalization of tender.
- II) Tenderer must provide telephone and fax no with tender for all correspondence.
- III) The vehicle should be guaranteed/warranted for a minimum period of two years or as mentioned in specifications from the date of satisfactory installation and inspection. The warranty of the dental equipment purchased from the third party should be in the name of Principal, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital.
- IV) Delivery schedule:- Within 6 weeks after placement of supply order, failing which the supply order shall be deemed cancelled unless waived off by Principal-cum-Professor.
- V) Firm should undertake to enter into Annual Maintenance Contract (AMC/CAMC) for equipment as well as for accessories attached, for minimum period of five years after completion of warranty period and accordingly quote the rates of AMC/CMC for five years. The rates quoted should be both for Comprehensive AMC (CMC) as well Non Comprehensive AMC (AMC) for five years. Firm should undertake to keep the vehicle in running order throughout the year and in case of vehicle going out of order the fault will be attended within 48 hours of lodging the complaint.

- VI) The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Panjab University, Sector-25, Chandigarh has the right to accept or reject any or all the tenders without assigning any reason(s) thereof.
- VII) The Tenderer is required to submit undertaking as per the Performa enclosed on a non-judicial stamp paper of Rs. 30/- (Annexure-A) and is to be put in envelope-A.

VIII) Clarification of bidding documents:

A prospective bidder requiring any clarification of the tender document may notify the purchaser in writing at the purchaser's mailing address indicated in the invitation for tender. The purchaser will respond in writing to any request for clarification of the bidding documents which it receives not later than **15 (Fifteen)** days prior to the deadline for submission of bids prescribed by the purchaser. Purchaser's response including an explanation to the query but without identifying the source of inquiry shall be put on University website.

IX) Amendment of bidding documents:

- (a) At any time prior to the deadline for submission of bids, the purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
 - (b) The amendment will be notified on the University website and will be binding on all prospective bidders.
 - (c) In order to afford prospective bidders reasonable time in which to take the amendment into account in preparing their bid, the purchaser may, at its discretion, extend the deadline for the submission of bids.
- X) Any effort by a bidder to influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decisions shall result in the rejection of the bidder's bid and also banning of future business dealings with the bidder.

XI) This tender form is not transferable.

XII) This tender form consists of pages 1 to 29. This tender form along with other Annexures (unfilled) duly signed by the tenderer should be returned to the institute along with the EMD, in envelope-A.

XIII) Offers not on the prescribed form shall not be considered.

XIV) If the firms failed to supply the order in due time, the firms will be blacklisted and E M D will be forfeited.

XV) Performance Bank Guarantee :-

- a) The successful tenderer shall be required to furnish a Contract Performance Guarantee Bond in the shape of Bank Guarantee as per (Annexure-B & C) or FDR/TDR (pledged in favor of the Principal cum professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh for an amount equivalent to 10% of the FOB value, of Mobile Dental Van/equipment towards the execution of the Agreement and the warranty. The term equipment, wherever used, means the main equipment and the electrical, civil and any other miscellaneous work done in the turnkey project. The Bank Guarantee or FDR/TDR should be valid for 30 months.
- b) The supplier shall ensure submission of duly executed agreement (Annexure B & C) and the desired performance Bank Guarantee within 30 days of issue of purchase order failing which and without prejudice to its remedy under the contract, the purchase order shall stand cancelled except when specific extension is given by the Principal-cum- Professor of the Institute in this regard, only on request from the supplier within 30 days of the issue of purchase order, citing valid reasons for seeking an extension which shall, in any case be given for a maximum of 30 days .If Agreement/ PBG is not supplied within the stipulated period, the order is liable to be cancelled and the EMD shall be forfeited.
- c) If the supplier fails to deliver any or all of the goods or perform the service within the time periods specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated demurrages, a sum equivalent to 0.5% of the contract price for each week of delay or part thereof until actual delivery or performance, up to a maximum deduction of ten percent(10%) of the contract price. Once the maximum is reached, the purchaser may consider termination of the contract as the case may be of the equipment including components, spares, accessories and optional items and civil, electrical and any other miscellaneous work undertaken. The suppliers will inform the purchaser in writing intimating the reasons for delay in supplying and for installing the equipment. The purchaser in his sole discretion may consider a reduction/waiver of the penalty for a period to be stipulated in writing. The acceptance of the equipment will be based on demonstration of the satisfactory working of all models of the equipment as tested by the Institute. The material/equipment etc. required for demonstration of satisfactory functioning of the equipment shall be arranged by the suppliers.

XVI) Period for which the offer shall remain open:

The tendering firms should keep their offers valid for acceptance for a period of 365 days from the date of opening of the technical bids. If the firms are unable to keep their offers open for the above said period, they should specifically

state the period for which their offers would remain open but they must realise that such a provision may result in the rejection of their offer.

XVII) Custom clearance

The equipment requiring import from abroad will be imported under the OGL scheme, for which the tenderer will ensure before filling up the tender form, that the equipment, in question, can be imported under the said scheme.

- a) The equipment will be got cleared from the Custom by the tenderer at their own cost.
- b) It will be the responsibility of the tenderer to pursue any claims with the custom authorities / Insurance company/ cargo operators and transporters, as may arise, at any stage.
- c) The N.M.I.C. (Not Manufactured in India Certificate) and the CDEC (Custom Duty Exemption Certificate) will be provided by the Institute/University.

XVIII) The Principal-cum-Professor can increase or decrease the quantity to be purchased at any time and the tenderer whose item has been finally selected after due process shall supply the quantity so ordered at the same rate as mentioned by them in the tender.

XIX) Contract:

The purchaser will not be responsible for any postal delay or any other cause that may lead to delay in the receipt of the documents in this office beyond the stipulated date and time stated in the tender documents.

XX) Arbitration:

If at any time, any question, dispute or difference whatever shall arise between two parties upon or in relation to or in connection with this Agreement, either of the parties may give to the other, notice in writing of the existence of such question, dispute or difference and the same shall be referred to two Arbitrators one to be nominated by the First Party and the other to be nominated by the Second Party/Third Party. Such a notice of the existence of any question dispute or difference in connection with this Agreement shall be served by either party within one year of the beginning of such dispute failing which all rights and claims under this Agreement shall be deemed to have been forfeited and absolutely barred. Before proceeding with the reference the Arbitrators shall appoint/nominate an umpire. In the event of the Arbitrators not agreeing in their award, the Umpire appointed by them shall enter upon the reference and his award shall be binding on the parties. The venue of the arbitration shall be at Chandigarh (India). The Arbitrators/Umpire shall give a reasoned award.

The provision of the Indian Arbitration Act in force and of rules framed there under and any statutory modifications thereof shall be deemed to apply and be incorporated in this Agreement.

Upon every or any such reference, the cost of any incidentals to the reference and award(s) respectively shall be at the discretion of the Arbitrators or in the event of their not agreeing, of the Umpire appointed by them who may determine the amount thereof or direct the same to be fixed as between solicitors and client or as between parties and shall direct by whom and in what manner the same shall be borne and paid.

XXI) Jurisdiction:

The courts at Chandigarh alone will have the jurisdiction to try any matter, dispute or reference between the parties arising out of this Agreement/contract. It is specifically agreed that no court outside and other than Chandigarh court shall have jurisdiction in the matter.

XXII) The Institute, in case of requirement may also place repeat purchase order on the selected supplier. In such cases, the supplier shall accept and execute all the purchase order placed on them. The purchaser may raise separate/multiple purchase order for items as and when required till the validity of tender.

XXIII) If the Technical/purchase Committee feels that the items or quantity mentioned is to be modified or withdrawn at any time, it may recommend the same.

XXIV) Pre bid Conference

Pre bid meeting shall be held on 12.10.2015 at 11 a.m. in the Committee room of the Principal-cum-Professor of the Dental Institute.

XXV) Opening of tender

- (a) The technical bids shall be opened at 3 p.m. on 26.10.2015. The date of opening of the financial bid shall be notified later. The tenderer is at liberty to be present, in person or through his authorized representative, at the opening of the Technical bid at the time and date as specified in the tender notice. The name and address of the representative who would be attending the opening of the tender on tenderer's behalf should be indicated in statement to be furnished along with the technical bids. The representative should carry due authorization from the tenderer. Institute in its discretion may not allow any representative, who does not carry authorization for being present in bid opening. In the event of the day of receipt and opening of tender being a holiday for Panjab University, then due date of receipt/opening of the tender will be the following working day at the same hour.

- (b) The date and time of opening of the financial bids shall be intimated in due course.

Principal-cum-Professor

ANNEXURE-A

Undertaking from the supplier on Non-Judicial stamp paper worth Rs. 30/- duly attested by Notary.

(To be put in envelope-A)

1. I,..... (Name of authorized signatory) the undersigned hereby declare and affirm that I have gone through the terms and conditions governing the tender and fulfill all the terms & conditions. Further I also undertake to comply with all terms and conditions mentioned in the tender document.
2. That the rates quoted by me are valid and binding upon me for the period validity of tender.
3. The rates quoted are not higher than quoted for any other govt. Institution/hospital in India.
4. That the earnest money of Rs._____ deposited by me vide Bank term deposit receipt No. ____ Dt. ____ drawn on _____ (Name of the Bank) is attached herewith.
5. That I/We authorize the Principal cum professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh to forfeit the earnest money deposited by me/us if any delay or failure to supply the article within the stipulated time and the items of desired/quoted quality and quantity.
6. That I will be in the position to provide Annual Maintenance Contract/Comprehensive Maintenance Contract (AMC/CAMC), spare parts, accessories attached and its consumables for 5 years from the date of satisfactory installation of the equipment till the AMC/CAMC period is over.
7. That there is no vigilance/CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
8. That I hereby undertake to supply the items as per directions given in supply order within stipulated period.
9. That I undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee and AMC/CAMC awarded to me.
10. I have been informed that the Principal cum professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh has the right to accept or reject any or all the tenders without assigning any reason thereof.
11. We (Name of firm) undertake that we will provide a minimum of 4 (four) preventive service on quarterly basis during the warranty and AMC/CAMC period as offered in our tender and any no. of break down calls shall also be attended within 48 hours. I also agree that the payment of AMC/CAMC shall be made to me on quarterly basis after satisfactory preventive service.

12. The contract of AMC & CAMC if given to us shall be bound by terms and conditions mentioned at the time by the Purchaser.
13. The firm was never black listed by any Government authority established by law.
14. This is to state that we have fully trained technical staff for installation/commissioning of the equipment and efficient after sales service.

Signature and address of the Tenderer

ANNEXURE - 'B'

(To be returned within 30 days of issue of Supply Order)

PERFORMANCE BOND (BANK GUARANTEE)

In consideration for The Principal-cum-Professor, Dr. Harvansh Singh. Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh (*hereinafter called the purchaser*) having agreed to release the 100% payment of net F.O.B. price as per terms and conditions of a concluded Contract No _____ dated _____ (*hereinafter called 'the contract'*) for supply of _____ (*hereinafter called the goods and services*) to Messrs _____ (*hereinafter called 'the supplier'*) on submission of a Bank Guarantee and installation and inspection of the goods and services as per above mentioned contract to the satisfaction of the purchaser for the due performance of the said contract.

We, _____ (*hereinafter called 'the Bank'*) at the request of the supplier do, as a primary obliger and not merely as surety, hereby irrevocably, unconditionally and absolutely undertake against any loss or damage caused or suffered by the purchaser by reason of any failure of the supplier to perform or omission or negligence to perform any part of its obligations to the satisfaction of the purchaser in terms of the contract.

We, the Bank, do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the purchaser by reason of any breach by the said supplier of any of the terms and conditions contained in the said contract or by reason of the supplier's failure or omission or negligence to perform the said contract or any part thereof. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this guarantee, which shall not be considered as satisfied by any intermediate payment or satisfaction of any part of or obligation hereunder. However, our liability under this Guarantee shall be restricted to an amount not exceeding _____.

We, the Bank, undertake to pay to the purchaser any amount so demanded by the purchaser, notwithstanding,

- a) any dispute or difference between the purchaser and the supplier or any other person or between the supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating thereto or
- b) the invalidity, irregularity or unenforceability of the contract or

- c) any other circumstances which might otherwise constitute discharge of this guarantee, including any act or omission or commission on the part of the purchaser to enforce the obligations by the supplier or any other person for any reason whatsoever.

We, the Bank, further agree that the Guarantee herein contained shall be continued one and remain in full force and effect during the period that would be taken for the performance of the said contract and that it shall continue to be enforceable till all the dues of the purchaser under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till the office of The Principal-cum-Professor, Dr. Harvansh Singh. Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh, certifies that the terms and conditions of the said contract have been fully and promptly carried out by the said supplier and accordingly discharges this Guarantee.

We, the Bank, hereby agree and undertake that any claim which the Bank may have against the supplier shall be subject to and subordinate to the prior payment and performance in full of all the obligations of the bank hereunder and the bank will not, without prior written consent of the purchaser, exercise any legal rights or remedies of any kind in respect of any such payment or performance so long as the obligations of the bank hereunder remain owing and outstanding, regardless of the insolvency, liquidation or bankruptcy of the supplier or otherwise howsoever. We, the Bank, will not counter claim or set off against its liabilities to the purchaser hereunder any sum outstanding to the credit of the purchaser with it.

We, the Bank, further agree with the purchaser that the purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the said supplier from time to time or to postpone for any time or from time to time and of the powers exercisable by the purchaser against the said supplier and forbear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier or for any forbearance, act or omission on the part of the purchaser or any indulgence by the purchaser to the said supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This guarantee will not be discharged due to the change in the constitution of the Bank or the supplier.

We, the Bank, lastly undertakes not to revoke this Guarantee during its currency except with the previous consent of the purchaser in writing.

The disputes relating to this Bank Guarantee shall be resolved as per the terms and conditions of the contract.

Signature and seal of the bank

Place

Date

ANNEXURE - 'C'

**(Undertaking from the Supplier on a Non Judicial Stamp Paper of Rs. 30/- duly attested by Notary)
(To be returned within 30 days of issue of supply order)**

PERFORMANCE BOND / GUARANTEE

In consideration for The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh (*hereinafter called the purchaser*) having agreed to release the 100% payment of net F.O.B. price as per terms and conditions of a concluded Contract No _____ dated _____ (*hereinafter called 'the contract'*) for supply of _____ (*hereinafter called the goods and services*) to us i.e. Messrs _____ (*hereinafter called 'the supplier'*) on submission of a Performance Bond and installation and inspection of the goods and services as per above mentioned contract to the satisfaction of the purchaser for the due performances of the said contract.

We, Messrs _____ (*hereinafter called 'the Supplier'*) hereby submit the FDR/TDR No. _____ issued by _____

(Name of the Bank) for Rs. _____ pledged in favour of The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh as Performance Guarantee amount and hereby irrevocably, unconditionally and absolutely undertake against any loss or damage caused or suffered by the purchaser by reason of any failure of the supplier to perform or omission or negligence to perform any part of its obligations to the satisfaction of the purchaser in terms of the contract.

We, the Supplier, do hereby authorize The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh to forfeit this Performance Guarantee amount/undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the purchaser by reason of any breach by us of any of the terms and conditions contained in a said contract or by reason of our failure or omission or negligence to perform the said contract or any part thereof.

We, the Supplier, undertake to pay to the purchaser any amount so demanded by the purchaser, notwithstanding,

- a) any dispute or difference between the purchaser and the supplier or any other person or between the supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating thereto or
- b) the invalidity, irregularity or unenforceability of the contract or
- c) any other circumstances which might otherwise constitute discharge of this guarantee, including any act or omission or commission on the part of the purchaser to enforce the obligations by the supplier or any other person for any reason whatsoever.

We, the Supplier, further agree that the Performance Bond/Guarantee herein contained shall be continued one and remain in full force and effect during the period that would be taken for the performance of the said contract and that it shall continue to be enforceable till all the dues of the purchaser under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till the office of the, Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences, Panjab University, Chandigarh certifies that the terms and conditions of the said contract have been fully and promptly carried out by us and accordingly discharges this Performance Bond/ Guarantee.

We, the Supplier, further agree with the purchaser that the purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by us from time to time or to postpone for any time or from time to time and of the powers exercisable by the purchaser against us and forbear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variation or extension being granted to us or for any forbearance, act or omission on the part of the purchaser or any indulgence by the purchaser to us or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This Performance Bond / Guarantee will not be discharged due to the change in the constitution of the Supplier.

We, the Supplier, lastly undertakes not to revoke this Performance Bond / Guarantee except with the previous consent of the purchaser in writing.

The disputes relating to this Bank Performance Bond / Guarantee shall be resolved as per the terms and conditions of the contract.

Signature and seal of the Supplier

Place

Date

ANNEXURE-D-1**TECHNICAL SPECIFICATIONS OF THE ITEMS****Chassis:**

Ground Clearance : 210-300 mm

Wheel Base: 4900-5200 mm

GVW (Kgs): 10000-11000 Kgs

Overall Length of Chassis; 9000-9800 mm

Overall Width: 2450-2550 mm

Engine should be BS4 compliant, Diesel Engine and should be registered at Regional Transport Office, Chandigarh.

The vehicle chassis may be of Ashok Leyland, Eicher, TATA, Swaraj Mazda.

ANNEXURE D-2

Specification for fabrication of Mobile Dental Van:

General Body specifications

The body should be an insulated box type re-locatable structure, mounted on the Chassis and securely fastened. The body is to be divided into Doctors/Patients seating area and operating area. There should be a seating provision of at least 10-12 people. The support infrastructure (like water, power generation, water disposal, portable chairs etc.) should be under/above the Chassis. The body construction should be single piece and joint less and should be glued together with sealant of appropriate grade. The entire body structure should be extra reinforced for equipment fitting with passivated hardware & fasteners. The overall dimension of the body should be at least 8 feet in width, 30 ft. in length and 7 ft. in height. The exterior dimensions should be as per the approved dimensions of Central Motor Vehicle Rules Act, 1989, as amended from time to time on bus Chassis with a wheelbase of 4800 to 5200 mm. The entire mobile dental van should be compliant of the norms of the Regional Transport Office, Chandigarh, U.T. The positioning of chairs, seats, other fixtures or any other changes shall be finalised in consultation with the dental institute authorities. The drawings should be in 3-D and submitted along with the tender document. The interior floor plan and exterior design shall be finalised later.

i) Exterior wall/sandwich panel specification

- a) Aluminum body or PPGI Sheet, gauge 12-16. Exterior to be painted/covered/laminated with user approved graphics in durable exterior paint.
- b) The exterior sheet of the sandwich panel should be single piece and joint less.

ii) Interior body specifications

- The interior wall should be smooth with no visible joinery, made of medical grade material, aluminum composite panel of at least 2 mm thickness.
- The panel edges should be covered with Stainless Steel/aluminum formed section.
- The use of wood is to be avoided.
- The insulation between the external and internal sheathings including the roof and the floor should be Polyurethane Foam (PUF) with a minimum of 50 mm thickness. The container when closed should have almost sound proof effect.
- Lead lining of clinical area (except roof & floor) of at least 1 mm thickness.

iii) Floor specifications

- Should be internally welded steel frame with formed steel cross members.
- Flooring should be of at least 1 mm thick G1 sheet over which should be at least 20 mm thick fire retardant, Marine Grade Plywood should be bonded.

- On the floor should be pasted a 3 mm thick industrial grade, durable, non-slip, anti-static coated vinyl flooring of superior quality of the color and design as per approved plan.
- The Entire flooring should be water proof using adequate coating and under coatings.
- Floor should have adequate initial steel framework reinforcements for mounting equipment and other gadgets and accessories securely.

iv) Roof specifications

- Made of insulated sandwich panel as per specifications mentioned before.
- Roof to be fabricated in a joint less manner to avoid rain water leakage.
- External guttering to be provided for draining rain water, AC condensation etc.
- The roof should be sturdy enough to take a load of 100Kg./sq. ft.
- The interior of the roof should be of aluminum composite panel of at least 2 mm thickness.
- There should be concealed ceiling channels for AC ducts.

v) Interior partition walls

- The inner partition wall between passenger cabin and clinic area should be either sliding or door type with a glass window in center.
- Should be tightly secured and should provide adequate insulation.

vi) Cabinet specifications

- Table and cabinet tops should be of scratch resistant material or Stainless Steel.
- The edges should be covered and smooth.
- Cabinet and storage compartments to be made up of powder coated steel/stainless steel of at least 18 gauge.
- The cabinets should have provision for vision window, so that the materials kept inside can be seen.
- The color, design, size and placement of the storage and cabinets shall be approved by the Institute authorities.
- There should be a retractable/foldable writing table in the passenger as well as clinic area.
- The cabinets etc. should be lockable with magnetic self locking latch type system.
- The drawers should be of medical grade with silicone rollers.
- The cabinets in the clinic area should be designed in such a way that there is separate storage for dental Instruments, equipments and consumables.

vii) Doors and windows specifications

- The number, size and placement of doors and windows shall be finalised with the Institute authorities.
- All doors/windows and hatches should comply with BIS standard method for water proofing test on automobiles.
- Doors to have mechanism to hold them in open position.
- Foldable steps with anti skid materials to be provided.

- There should be adequate provision of loading wheelchair on to the van.

viii) Countertops specifications

- Table countertops should be of scratch resistant material or Stainless Steel.
- Edges to be covered with Stainless Steel Channel.
- Table thickness should be of at least 25 mm.

ix) Seating arrangements.

- Seating arrangements for at least 10-12 people with adequate gangway (excluding driver) (Final number of seats would be as per provision of law and final design.)
- Seats to be made of high density moulded Polurethane Foam with comfortable back rest of at least 40 kg/m³.
- The cabin should have adequate overhead storage space.

x) Electrical fittings specifications (As per automotive industry standards)

- It would include External Power Source (Shore Power) and Generator (5.5 KVa).
- Alternating Current Supply (AC) and Direct Current Supply (DC) i.e. from Vehicle battery or additional battery.
- Cables used shall be BIS marked (Havel/Anchor).
- Copper conductors to be used should be with fire retardant PVC insulation and should be able to withstand working temperature upto 70 Degree Celcius.
- External power source should be in an accessible and well protected area from rain etc.
- Electrical cables should be internally concealed and located such that no part can make contact with any fuel line or exhaust system subjected to excess heat.
- Suitable special insulation to be provided where required
- Every electrical circuit should be provided with fuse.
- Electrical layout plan to be pasted at visible location.
- Adequate number of 5 and 15 Amp plug points along with switches of Standard quality (BIS). Location and number to be finalised as per design.

I. Generator

- GENERATOR : Honda soundless petrol, 5.5 kva power engine or equivalent.
- Starting Mechanism : Recoil (Manual).
- Noise level (db) : 52.0.
- Cooling system : Air Cooled.
- Aspiration : Natural.
- 12v, 8.3A DC output.
- Generator should be enclosed in sound proof, vibration free compartment, preferably under chassis.
- Generator control should be provided in the cabin.
- Adequate exhaust provision should be made.
- Inverter of at least 1 kw with 135 ah batteries (Exide).

(Microtec/Sukam/Luminous)

II. Air Conditioner (AC)

- It should run in static as well as during running conditions.
- The air-conditioner should run with shore power as well as generator power.
- The air conditioner may be roof mounted AC or split AC (After final approval and as per design and feasibility.)
- Each cabin should be thermostatically controlled.
- Adequate number of fans/exhaust to be provided in both cabins.

III. Exterior and Interior Lighting

- Illumination inside the container will be according to BIS/ISO standard.
- All lighting should be LED based.
- Each cabin should have minimum of 2 Emergency Lighting Lamp, which should be automatically charged directly from Line Power or Generator.
- Lamps power to be minimum of 8W.
- The total number, intensity and design of lights shall be finalised as per drawings.

IV. Power Entry Panel

- The vehicle should have power panel. Panels to have heavy duty water proof connectors. Connector ends to be leveled down in order to protect water entrance. Panels should contain appropriate fuses, and lighting protectors. Panels should have 2 AC power entry (one for power supply and other for line power) and 1 DC power entry to use truck's 12 or 24 VDC power. Power Entry Panel should have current limits to provide at least a minimum of 30% more of all system power requirement in the dental van.
- Power Distribution Panel inside the container to be used to transmit power from power Entry Panel to the inside of van. Distribution Panel should have the minimum specifications and functions given below.
 - Main Power Switch.
 - Power Source-Line, Power selection switch, Interior lights switch.
 - AC and DC power Ampere meter, AC and DC power Voltmeter.
 - AC power frequency meter.
- Vehicle to have its own grounding system.
- Electrical conductors should meet the requirement for flame resistance norms.
- Stabilizer and Voltmeter of adequate specifications matching the equipment of the mobile clinic along with adequate earth leakage circuit breakers.
- The circuit diagram for the BOX shall be type approved.

XI) Water System specifications :

- Fresh & Stored water system should be made available as separate tanks. Both the tanks should be of 150 lt. each.

- Fresh water storage tank of 150 lts, mounted on roof
- Made up of stainless steel/PBC
- Water dispensing system should be pressurized using pressure pumps.
- Water supply to all the areas like washing, operating, chassis etc.
- Polybutylene plumbing of 1½ inch dia for drainage and ¾ inch for water supply.
- There should be an external water supply tap to be used for cleaning the vehicle.
- Electronic monitoring and control system with alarm to indicate the status of water, individually in both tanks and the controls to be fixed in the operating area.
- An auto shut off system should be in place to prevent dry run or over flowing of tanks.
- The waste water to be collected in stored water tank, which should be emptyable when full. The waste water tank to be provided with an alarm indication when tank gets full and should stop the further filling of tank.
- 1-2 washbasins in the clinic cabin.
- Sink and taps of branded, stainless steel type (design to be finalized later)
- Provision for mirror, soap dispenser, towel ring etc.
- RO system connected to fresh water tank along with a dispenser.

ANNEXURE D-3

Specification of Equipment & Accessories:

- The following equipment/accessories to be purchased by the fabricator and installed in the van as per design to be finalized by the institute.

I. General Items

- (i) Fire extinguishers.
- (ii) Colour coded waste collection bins (Pedal type).
- (iii) Roof ladder.
- (iv) Blinds/curtains.
- (v) Public address system with overhead microphone and screen.
- (vi) LCD TV (42") with DVD Player and Speakers.
- (vii) Pest killer.
- (viii) First Aid Box.
- (ix) Stretcher.
- (x) Wheelchair.
- (xi) Socket Extensions and cables, 15 meter of cable of adequate load bearing capacity and of standard BIS quality shall be provided to charge the battery/supply power from the AC source.

II. Dental Items.

i) Dental Chair.-2 Nos.

Electrically controlled dental chair with all functional components integrated in the chair

Should have seamless upholstery

Should have multiple programmes with independent up and down movement and back rest movement permit complete supine position of the patient

Should **have** manufacturer's name, brand, model, electrical rating, year of manufacture durably marked on the equipment and should have IEC-60601-1-2 certificate

Should have two step articulated head rest for comfortable patient-head positioning

White LED operating light with reflector with at least two intensities and hands free switch on & off facility

Operating light should have autoclavable/removable handle

Spittoon should be made of high finish porcelain/toughened glass with sensor activated cup filler, flush function

Should have high and low vacuum suction with auto start and stop functions

Chair side console should have couplings for Airtor, Micromotor, 3 way syringe with under hanging type of

Micromotor should have 1:1 direct drive

Stainless steel instrument top

- Should have a LED backlit radiographic image viewer
Printer/electronic trouble shooting guideline should be provided to user
- Warranty period for 2 years and comprehensive AMC for 3 years after warranty period required, CE/ISO/FDA certification
- The model should be in the market for at least three years, the vendor will produce the necessary proof for verification in the technical bid

Accessories

- Operator stool with five castors and backrest-01 No.
Water bottle and water treatment assembly for spittoon connection (the other functions should be connected to the integrated water reservoir of treated/distilled water)

(ii) Compressor.

(iii) External suction.

(iv) Autoclave:

- Capacity of atleast 22 litres
- It should be CE certified.
- Should confirm to the B Class European standards EN-13060 having 3 pulsating vacuum suitable for different loads for wrap, unwrap, solid, porous, hollow instrument.
- It should comply to Bowie and Dick test and vacuum test programmes.
- Alarm system for waste water tank, avoid the waste water to enter to the sterilizing circulation, make the sterilization safe procedure.
- Should have the digital display with self test error detection system.
- Double lock door facility for safety during operation.
- Integrated printer for recording sterilization cycle.
- Should have supplied with in sealing machine made of S.S. with 10 mm wide seal for sealing of instrument pouches & integrated cutter.
- Should be supplied with 5 rolls of sterilization pouches of 200 mtrs each with 75x100 mm width.
- Should be supplied with a water distilling equipment.

(v) BP apparatus + Stethoscope

(vi) Needle destroyer.

(vii) X-ray developer box.

(viii) Glass Bead Sterilizer.

(ix) Portable Dental Chair with unit (to be stored in under carriage).

- (x) Lead apron /gloves/thyrocollar.
- (xi) Mobile console consisting of light cure unit, Scaler, micromotor with Hand Piece. There should be provision of attaching this mobile console with any of the chair.
- (xii) X-ray Machine (wall mounted) so as to be used by both the chairs.
- Scissor pantographic arm with both options of wall mounting/floor mounting
 - Automatic timers 0.02 to 3.0 seconds
Tube head to be lead coated
 - 70 kVp, 8mA
Focal spot less than or equal to 0.8 mm fine focus Italian tube inside
 - Total filtration > 2mm (A1 equivalent)
Cordless remote exposure switch
 - Separate buttons for RVG & IOPA Uses
User interface small LCD window operation
 - Target angle 18-20
Automatic time set for child, adult mode
 - Manual time set should also be available
Should be suitable for digital sensor and IOPA films
 - Line Voltage 115V or 60HZ or 230V, 50HZ
Extended warranty required and provision of AMC
 - AERB Approval
- (xiii) RVG with Laptop
- Should be able to provide High Definition Radiography with High Quality Image Capture
Direct Connectivity to USB
Fast Image Capture time
Always Ready (No waiting time)
Image Display to be immediate (min. timer for Acquisition)
- External Dimensions (mm) 37 x 25
 - Sensor Technology Enhanced CMOS
 - Scintillation Technology Scintillation
 - Pixel Size 19.5 p.m.
 - Pixels Matrix 1539x1026
 - No. of Pixels 1.6 Mega Pixel
 - Maximum spatial Resolution 22.1 p/mm Visible
 - Sensor Cable Length 3 meters (10 feet)
Wireless
- Extended warranty required and provision of AMC
- (xiv) Ultrasonic Cleaner.