

BIDDING DOCUMENT

**TENDER NOTICE No: 07/2019- 2020/Bio-Medical Equipment/Vehicle for Multipurpose
Mobile Ophthalmic Unit/IGIMS/Store**



**Supply, Installation & Commissioning of Bio-Medical Equipment's / Vehicle for
Multipurpose Mobile Ophthalmic Unit**

TENDER NOTICE No: 07/2019- 2020/Bio-Medical Equipment/IGIMS/Store

Issued to:

Cost of Document: Rs.2000/-

Paid By: Cash: Receipt No.:

Demand Draft: No.:

Issuing Bank:

(Authorized Signatory)

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES,
SHEIKHPURA, PATNA - 800014.**

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IMPORTANT DATES

Pre Bid Meeting	14/02/2020 at 3.00 P.M. in Conference Hall IGIMS, Patna.
Last date for submission of completed bidding document	28/02/2020 up to 4.00 PM. by registered/speed post/ Courier only
Date of opening of technical bid	29/02/2020 at 11.00 A.M. in Conference Hall IGIMS, Patna.
Date of demonstration of equipment	To be informed to the qualified bidders Qualifying after opening of technical bids.

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES,
SHEIKHPURA, PATNA -800014 (Bihar, India)

Sr. No. of Tender: _____

FILE NO. : Tender No.: _____

Tender form issued in favour of: _____

Dear Sir,

1. I/We hereby submit our tender for the _____
2. I/We are enclosing herewith the Demand Draft No..... dated..... for
Rs. /- drawn in favour of **Director I.G.I.M.S. - Patna (payable at Patna)** towards **EMD / Bid Security.**

(EMD AND COST OF BIDDING DOCUMENTS MUST BE SUBMITTED IN SEPRATE ENVELOP.TENDERS NOT ACCOMPANIED WITH EMD / BIDSECURITY ALONGWITH THE TECHNO-COMMERCIAL BID SHALL BE SUMMARILY REJECTED).
3. I/We have gone through all terms and conditions of the tender documents before submitting the same.
4. I/We hereby agree to all the terms and conditions, stipulated by the I.G.I.M.S. - Patna including delivery, warranty, penalty etc. Quotations for each group are being submitted under separate covers, and sheets and shall be considered on their face value.
5. I/We have noted that overwritten entries shall be deleted unless duly cut & rewritten and initialled.
6. Tenders are duly signed and stamped.(No thumb impression should be affixed)
7. I/We undertake to sign the contract/agreement, if required, within 15 (Fifteen days) from the date of issue of the letter of acceptance, failing which our/my EMD/Bid deposited may be forfeited and our/my name may be removed from the list of suppliers
8. **I/we have quoted the price in Indian Rupee only.**

Yours faithfully,

(Signature of Bidder with full name and address)

CHECK LIST FOR TERMS AND CONDITIONS

A.: **To be filled by the bidder and submitted along with the Technical Bid.**

Sr. No.	Terms & Conditions as per Bidding Document	Page No.	Remarks
1.	Status of Bidder: <ul style="list-style-type: none">• Manufacturer or Authorized Agent of the Manufacturer• Whether Public Undertaking, Public Ltd., Private Ltd. Company or Proprietary Firm/partnership firm• (Please attach Notary certified MANUFACTURER'S AUTHORISATION FORM as per FORMAT placed at Annexure – III)		
2.	Power of Attorney as per Annexure - V in favour of person to sign, submit and negotiate the bid.		
3.	Certificate towards market standing of minimum 05 years in the area of supply and or maintenance of bio-medical equipment's/ Vehicle		
4.	Certificate for sole ownership / partnership		
5.	Statement of financial standing from bankers		
6.	Statements of turnover per year for last three successive years duly certified by the Chartered Accountants.		
7.	Notary certified User List (List of Govt. /Semi Govt., Reputed Pvt. Hospital) where quoted model of the items has been supplied and installed.		
8.	Notary certified Supply order copy (Minimum 3nos. or more) issued by Govt./Semi Govt./Reputed Pvt. Institutions/organization for the quoted items. (same model) it		
9.	Notary certified Performance certificate of the same supplied machine (of quoted make and Model) issued by Head of the dept. or Institution after a minimum period of six months of installation		
10.	Prerequisite (if any) for installation of the Machine, if any, to be provided by the Institute.		
11.	Whether rates quoted are inclusive of all taxes or not.		
12.	Whether rates are quoted as per format mentioned in the Bidding Document or not.		
13.	Affidavit to the effect that the bidder is not blacklisted by any Govt. agency or have no pending case either Civil or Criminal against them.		
14.	Affidavit, to the effect that the bidder is not supplying the quoted item(s) to any other Govt. /Semi Govt. Organizations / Institutions / Hospitals at the rate lower than the rate quoted against this tender.		
15.	Quality Assurance Certificate like ISI, ISO-9002,		

	IP/BP, CE, FDA (US) or any other (please specify)		
16.	Bid Security amount deposited is enclosed or not. If yes, please mention the details.		
17.	Original Technical Catalogue of the quoted model .		
18.	Certificate, to the effect that bidder will maintain the quoted item(s) during Warranty period of three years as mentioned against each item including all spares, accessories, consumables etc., (Please mention the name of the item / items with price, which are not supplied by the bidder free of cost with frequency of replacement)		
19.	Certificate, to the effect that bidder has quoted its rate for Comprehensive Annual Maintenance Contract inclusive of labour, spares, consumables, accessories etc. on per year basis for a further period of seven years after expiry of warranty period of three years in the price bid . (Please mention the name of the item / items with price, which are not supplied by the bidder free of cost with frequency of replacement during Comprehensive Annual Maintenance Contract period in the price bid)		
20.	Acceptance of all terms / conditions towards after sales / services as mentioned in the bidding document.(Clause No- 13 of — Instruction to Bidder — & clause no- 3, 4 and 5 of Condition of contract.)		
21.	Compliance Statement with relation to the technical specification as mentioned in the bidding document duly supported by the original catalogue. The bidder must quote specification in the compliance column Mere writing! Complied shall not be accepted.		
22.	Compliance Statement with relation to the terms & conditions as mentioned in the document.		
23.	PAN and copies of Income Tax Returns for the last three years.		
24.	Duly attested copy of GST registration certificate.		

B: To be filled by the Bidder and submitted along with Price Bid

Sl. No.	Terms & Conditions as per Bidding Document	Page No.	Remarks
1.	Item wise price in Indian Currency for the item(s) as mentioned in the Bidding Document and as per format attached as Annexure – I		
2.	Rate for Comprehensive Annual Maintenance Contract as per terms & conditions mentioned in the Bidding Document and as per format attached as Annexure - II		

Note: If the above tender details are not mentioned and required documents are not attached at appropriate places, the offer of the bidder(s) shall be summarily rejected. Hence, bidder(s) are advised to go through the bidding document carefully and tender be prepared with all the required documents to avoid rejection of offer and price should be mentioned in Indian Rupees.

(Name of the Bidder with signature & seal)

ELIGIBILITY CRITERIA

01	Manufacturers or their authorized dealers/Indian subsidiaries/direct importers having a place of business in any of the States of India are eligible to participate in this tender.	Mentioned Page no.
02	The bidder and manufacturer of the vehicle fitted with equipment offered should be in the business of the supply and installation of same / similar equipment for the last five calendar years.	
	(a) The manufacturer should have completed at least 05(Five) nos. installations of the quoted items in Govt. /Pvt. Institutions /Hospitals in India. The installations mentioned by the manufacturer in their offer must be functional and performance certificate for the same issued by the user concerned also be attached with the offer. (b) The bids quoted as the authorized representative of the manufacturer meeting the above criteria 02 (a) should have also supplied and installed at least 03(Three) nos. installations of the quoted items in Govt. /Pvt. Institutions/ Hospitals in India in last five years from the last date of submission of tender. The installations mentioned by the authorized representative in their offer must be functional and performance certificate for the same issued by the user concerned also be attached with the offer.	
03	The Bidder should be public undertaking /Autonomous Body /Public Ltd./Pvt. Ltd. Company or proprietary firm /Partnership Firm and should be in medical equipment business since last five years in India. The Bidders having manufacturing facility in their name in India for the majority of the items offered by them shall be given preference.	
04	The Bidder (manufacturer or their authorized agent) should have had average annual financial turnover of Rs. 50 Lakh during the last three years ending s 31 st March 2019.	
05	Bidders who have the capability to attend repairs of these equipment within the time mentioned in this bidding document and who are willing to provide stand by equipment or replace the faulty equipment if the repair/down time extends beyond 72 hours from the time of reporting of the fault within the next 48 hours (total down time should not exceed 5 days in one instance). The bidders who have the capability to ensure the uptime mentioned in this document (Documentary proof shall be submitted on the after sales facilities and expertise of the bidder.)	
06	Bidders are not offering the equipment of a firm /company that has been blacklisted by Indira Gandhi Institute of Medical Sciences – Patna or blacklisted/debarred by any other State / Central Government's organization.	

Note:

- Notwithstanding anything stated above, the Institute reserves the right to assess the Bidder's capability and capacity to perform the contract satisfactorily before deciding on award of contract, should circumstances warrant such an assessment in the overall interest of the purchaser.
- The Institute reserves the right to ask for a free demonstration of the quoted equipment at a pre-determined place acceptable to the purchaser of technical acceptability as per the tender specification, before the opening of the price tender.

INSTRUCTION TO BIDDER

GENERAL INSTRUCTIONS TO BIDDERS

1. **Tendering System**

The tenders/Bids are to be submitted in two Parts i.e. **Part - I & Part II.**

PART - I titled as TECHNICAL BID shall contain the complete technical specifications and details on the competency of the bidder and also the commercial bid package with terms and conditions of supply, warranty, after sales service etc. (Except Price Bid Form). Apart from the documents and signed copy of the purchased tender document, the necessary enclosures should be submitted in this technical bid. In short, the technical bid should contain all the necessary documents to prove the technical competency and capability of the bidders for supplying and installing a trouble free equipment meeting the quality standards and technical specification and the ability of the bidders for providing efficient after sales service to the satisfaction of the Tender Inviting Authority and the user institution.

PART - II titled as PRICE BID

2. The tender offers, duly filled, shall be submitted in sealed covers for **technical**. Such covers shall be super scribed as “**Tender No..... (here mention the tender no as specified) TECHNICAL BID for supply of (here mention the name of the equipment**
3. Quantity of items may increase or decrease. Director, I.G.I.M.S. - Patna reserves the rights to purchase different sub items/ components of items from different bidders.

This rate Contract will be valid for Two year from date of 1st satisfactory installation and acceptance of the equipment. Repeat Supply Order will be placed as per requirement of the Institute of all the quoted and approved items. The rate contract may be further extended for period of one year as decided by Director, IGIMS-Patna.
4. The –Bidding Document along with terms and conditions, technical specification can be obtained from the office of the Store Officer, IGIMS, Patna on payment of Rs.2000/- (Rs. Two thousand only) Non –refundable for each Group by demand draft favouring Director , IGIMS, Patna payable at Patna.
5. The — Bidding Document can also be downloaded from institute website www.igims.org. In case, downloaded bidding document is used, Bidder(s) have to submit the cost of the Tender Document along with the completed documents in the form of demand draft in favour of Director , IGIMS, Patna, payable at patna towards cost of the — Tender documents Bidder is required to attach separate DD for the same in a separate envelop super scribed with — cost of bidding document if the cost of tender document is not submitted by the bidder, his offer shall be outright rejected .
6. **Last date for submission of bidding document is 28/02/2020 up to 4.00PM by speed/Regd. post/ Courier only and technical bid will be opened on 29/02/2020 at 11.00 AM in Conference hall (2nd Floor, New Administrative Building), IGIMS, Patna**
7. **Earnest Money Deposit (EMD):**
Earnest Money 2% of the cost of Vehicle Equipment required to be submitted along with tender by Demand Draft from any scheduled Indian Bank (valid up to one year from the date of technical bid opening.) only along with the tender favouring Director, I.G.I.M.S. – Patna (payable at Patna). No interest is payable on EMD/ Bid security.

- a. Bidder may quote more than one/several models. In such a situation EMD will be payable on the basis of highest priced model.
 - b. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of final bid validity and latest on or before the 30th day after the award of the contract without any interest.
 - c. EMD must be submitted in separate sealed envelope and endorsement of the same with DD number & date Bank Guarantee No. and its validity period be made with technical bids without amount stating that the same has been complied with price bid. If same is later found not enclosed tender will be cancelled for the party.
 - d. Non- submission of sufficient EMD along with the Technical Bid shall be one of the primary reasons for rejection of the offer in the first round.
 - e. Cheque, Cash payment, Money Order will not be accepted as EMD.
 - f. Public Sector Units within the State or State micro, small and medium enterprises registered with Govt. are exempted from remittance of EMD subject to submission of valid documents.
 - g. The EMD shall be in one of the following forms:
 - i. A demand draft in favour of Director, I.G.I.M.S. – Patna (payable at Patna);
 - OR**
 - ii. A Bank Guarantee issued by a nationalized/ scheduled bank located in India, in the form prescribed in the tender document as Annexure- IV (valid up to one year from the date of technical bids opening) Bank Guarantee in any other format will not be acceptable and render the bid non-responsive.
 - iii. The successful Bidder's EMD will be discharged upon the Bidders signing the contract and furnishing the performance security. The EMD deposited in the form of DD of the successful Bidder can be adjusted towards the security deposit payable.
9. Bidder(s) should enclosed photocopy of Income tax & sales tax clearance certificate.
10. The Bidder's shall have to submit the following documents (Certified by Notary) in technical bid: -
- a. User List (List of Govt. / Semi Govt., Reputed Pvt. Hospital) where quoted model of the items has been supplied and installed.
 - b. Supply order (minimum 3 nos. Or more issued by govt./semi govt./reputed pvt.institution/organisation for quoted items (same model)
 - c. Performance certificate of the same supplied machine (of quoted make and Model) issued by **Head of the deptt. or Institution** after a minimum period of six months of installation.
 - d. Prerequisite (if any) for installation of the Machine if any to be provided by the Institute.
 - e. If the manufacturing company and fabricators have authorized some agency for participation in this tender for a limited period than in that case they (Manufacturer / Indian agent) shall have to submit an undertaking duly notarized by Public notary that if their tender is selected they shall be solely responsible for compliance of all the terms and conditions mentioned in the bilateral agreement for purchase and subsequent supply order even if their authorized agent is changed. Any tender offer without such certificate duly certified by public notary shall be rejected in technical scrutiny itself.
 - f. **Bidder must submit a compliance checklist along with the technical bid itself.**
 - g. (Any tender offer without submission of above mentioned document (i.e. a to e) shall be rejected during technical scrutiny.)

- h. If any new System/ Latest model machine is a launched in the market and seller has not installed such quoted models they should submit an undertaking that he has not installed such models previously (Notarized by Public Notary).They may submit supply order / performance certificate of previous model, which was recently installed by them.

11. After Sales Service Conditions:

- a. The Institute is in the pursuit of ensuring excellent after sales service for every user in respect of the equipment's supplied under this contract. The after sales services terms and conditions will be strictly enforced and those Bidders who are willing to support the Institute in its endeavour to provide trouble free operation/performance of the equipment's for the prescribed period need only participate in the tender.
- b. The after sales service shall be performed during the warranty period and also during the Comprehensive Maintenance Period (CMC)/ Annual Maintenance Contract, if awarded. The detailed terms and conditions for after sales service are mentioned hereunder.

c. Guarantee/Warranty Terms:

- i. The successful Bidder has to warrant that the Goods supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- ii. The successful Bidder further have to warrant that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Tender Inviting Authority's specifications) or from any act or omission of the successful Bidder, that may develop under normal use of the supplied goods.
- iii. All the equipment's including the accessories supplied as per the technical specification as mentioned in the bidding document should carry comprehensive warranty (including all spares, accessories and consumables) for a period mentioned in this document in the first instance. During this period, the successful Bidder shall replace all defective parts / accessories / consumables and attend to all repairs/break downs and undertake stipulated number of preventive maintenance visits to every user installation site. The cost of spare parts for all replacements has to be borne by the successful Bidder during the period of comprehensive warranty. The items which are not covered under warranty should be clearly mentioned along with rate of the items . If any spares / accessories / consumables etc. are not replaced by the bidder during warranty period, bidder should mention it clearly with name of the items with frequency of replacement and its rate of the item.
- iv. On expiration of the comprehensive warranty period, the successful Bidder shall be willing to provide after sales support for an additional period prescribed in this document.

- v. The prospective Bidder, who are not manufacturers, shall submit an undertaking from the Original Equipment Manufacturers (OEM) that they are willing to provide spare parts for the period of warranty as mentioned and also during the additional CMC/AMC period, if awarded. The OEM shall also assure continuity of service to their product, in the event of change in dealership or the Bidders – their existing dealers - couldn't provide service during the warranty / CAMC period. The undertaking from OEM is an essential document forming part of the Technical Bid, without which the tenders will be rejected summarily in the first round itself.
- vi. After sales service centre in Patna (Bihar) preferably or at least in East India should be available as part of the pre-qualification and the Bidder shall provide proof of their capability to undertake such maintenance/repair of equipments attached with vehicle within the stipulated time.
- vii. The successful Bidder shall provide preventive maintenance as per the frequency mentioned in this document during the warranty period. The Bidder shall attend any number of break down/repair calls as and when informed by the institute authority.
- viii. Upon receipt of such notice for repair/breakdown from the institute, the successful Bidder shall, within the period as specified in this document, and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the Tender Inviting Authority.
- ix. If the successful Bidder, having been notified, fails to rectify the defect(s) within the period specified mentioned in this document, the Tender Inviting Authority may proceed to take such remedial action as may be deemed necessary, at the successful Bidder's risk and cost and without prejudice to any other rights which the Tender Inviting Authority may have against the successful Bidder under the contract.
- x. Failure to attend the repairs in time or failure to attend the stipulated preventive maintenance visit or failure to replace the defective equipment's or to provide stand by equipment if the fault/down time exceeds the stipulated period or to ensure the stipulated up-time in an year shall lead to forfeiture of the performance security and/or may lead to blacklisting/debarring of the defaulting Bidder.
- xi. The equipment which requires quality assurance test shall be done at free of cost immediately after installation, during the comprehensive warranty period, during the CMC/AMC period, by the demand of User and also when major spares are replaced.
- xii. Any mandatory approval required for installation shall be obtained by the successful Bidder in liaison with the respective authorities.
- xiii. The Bidder shall submit the parameters which require calibration and the frequency of calibration required.
- xiv. The Bidder shall undertake on-site calibration of the equipment every year as part of the after sales service during the period of comprehensive warranty, CMC/AMC or on demand from the user.
- xv. The Bidders shall also have to submit whether periodic replacements of consumable items are required for proper functioning of their quoted machine/Equipment? If yes they should submit the list of such consumables along with price list and frequency of replacement per year, if the same is not replaced free of cost during warranty / guarantee period.
- xvi. An undertaking of the principal regarding continuity of after sales and services (CAMC) @ the agreement rate even in case of changes of Indian agent during the life span of the equipment, must be enclosed in the technical bid. Further, it will be the responsibility of the manufacturer Indian agent to get counter signature on the agreement to be executed with them by the principal.

xvii;- The offered warranty includes:

- Visits to the user institutions at frequencies prescribed as part of preventive maintenance.
- Testing & calibration as per technical/service/operation manual of the manufacturer or as per the period specified or as per the demand of the user.
- Quality Assurance tests (if applicable).
- The cost of labour for all repairs/ and all spares required for replacement during repairs all kinds of accessories, Probes, all types of sensors and transducers, Electrodes, Detectors, battery, battery for UPS, other vaccumatic parts etc wherever applicable and also the accessories and other devices supplied along with the equipments like stabilizer, UPS, AC, Computer, Compressor, Monitor, etc, which forms part of the equipment system, without which it cannot perform satisfactorily.
- The exclusion of warranty of any vital equipment parts will be compared with offers of other Bidders during evaluation of the bids and this may be taken into consideration in deciding the successful Bidder on the basis of expert advice.
- The Bidder shall provide up-time warranty of complete equipment as mentioned in this document, the uptime being calculated on 24 (hrs) X 7 (days) basis failing Warranty period will be extended for every additional day of down time equal to one week.
- All software updates, if any required, should be provided free of cost during Warranty period.

d. Comprehensive Annual Maintenance Contract:

- The decision to enter into CMC or AMC will be determined on the basis of cost and complexity of the equipment fabricators on vehicle by the Tender Inviting Authority, at its discretion, prior to the expiration of warranty period.
- The Comprehensive Maintenance Contract (CMC) is otherwise an extended warranty. All the terms and conditions agreed by the successful Bidder for executing the comprehensive warranty of the equipment shall be extended during the period of CMC, only difference being the payment of CMC charges is absent during the period of comprehensive warranty.
- The cost of CMC, accessories spares, and consumables as in case may be quoted along with taxes applicable, if any. The taxes to be paid extra, to be specifically indicated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- Failure/refusal on the part of the successful tender supplying/installing the equipment's to enter into CMC with the Tender Inviting Authority, at the end of the Comprehensive Warranty Period, if the Institute, as the case may be, desires so, shall lead to forfeiture of performance security and may also result in the blacklisting/debarring of the Bidder.
- The successful Bidder shall also indicate the rates for the CMC in price bid form and such rates are binding on the successful tenders after the expiration of the warranty period. The yearly rates for CMC shall remain the one and the same as quoted in the price bid form for the extended years.
- Cost of CMC (excluding taxes, if any) will be considered for Ranking/Evaluation purpose.
- The payment of the agreed CMC charges will be made as per frequency for payment after satisfactory completion of said period, on receipt of service report/ break down report from the user.
- The Bidder shall also have to submit whether periodic replacement of consumable items are required for proper functioning of their quoted machine/Equipment? If yes they should submit the list of such consumables along with price list and frequency of replacement per

year if the same is not included in quoted Comprehensive Annual Maintenance Contract charges per year.

12. Time Limits prescribed

Sl. No	Activity	Time Limit
a.	Installation & Delivery period	12 weeks from date of issuance of Supply Order
b.	Comprehensive warranty period	3 years from the date of successful delivery
c.	CMC period	7 years
d.	Frequency of visits to all User Institution concerned during Warranty/CMC	One visit every three months (4 visits in a year) for periodic/preventive maintenance and any time for attending repairs/break down calls.
e.	Frequency of payment of CMC charges	Every six months after completion of the Period.
f.	Submission of Performance Security and entering into contract	10 days from the date of issuance of Letter of Intent
g.	Maximum time to attend any Repair call	Within 24 hours.
h.	Uptime in a year during warranty as well as during CAMC period.	95% of 365 days.

13. Firm have to provide a minimum **UPTIME GUARANTEE** of 95% (95% of 365 Days) per year during the warranty period as well as during the Comprehensive Annual Maintenance Contract.

14. While calculating the total unit price of the item / system to be procured, expenditure to be incurred in maintenance of the quoted item / system including all spare parts for a total period of seven years after expiry of the warranty period of three/ five years shall also be taken into consideration. Accordingly, it is mandatory for the bidders to submit the rate for Comprehensive Annual Maintenance Contract (with spares) for a minimum period of seven years after the expiry of warranty period of three years.

15. Supplier will submit undertaking for ensuring uninterrupted supply of spares during the total life span of the equipment's.

16. Indian agency commission and Installation charge if any will be paid in Indian rupees after successful installation and demonstration of the equipment's.

17. Principal's Invoice of the quoted items must be submitted with the quotations.

18. Proof of the official Indian agent certificate of the firm must be attached. (Notary Certified Photocopy)

19. In order to fully and optimally utilize the equipment, training to Para Medical Staffs and Doctors should be provided. In continuation to this training, separate maintenance training for the machine and the sub systems should also be given to the -Equipment Maintenance Engineer and -Equipment Maintenance Technicians. All the financial commitments in this regard shall be met by the bidder(s).

20. Bidder(s) have to submit an affidavit to the effect that they have not supplied the offered item(s) to any Govt., semi Govt. /Organization, Institution, etc. at the price lower than the price offered to I.G.I.M.S. - Patna.

21. All the claims regarding meeting the specifications shall be duly supported by appropriate, latest technical catalogues/brochures from the manufacturer. Simply stating that the equipment(s) meets the specifications is not sufficient and any such quotations will be summarily rejected. Computer printed documents or Photostat copy or laser printouts will not be accepted as technical catalogues / brochures.

22. Bidder might be required to demonstrate the system at the discretion of the institute.

23. Notification of Award/Letter of Intent(LOI)

a. Before expiry of the tender validity period, the Institute will notify the successful Bidder(s) in writing, by registered / speed post or by fax or by email (to be confirmed by registered / speed post immediately afterwards) that its tender for equipment(s), which have been selected by the Institute, has

been accepted, also briefly indicating there in the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. This notification is undertaken by issuing a Letter of Intent (LOI) by the Institute.

- b. The successful bidder, upon receipt of the LOI, shall furnish the required performance security and submit an agreement in the prescribed format within ten days, failing which the EMD will be forfeited and the award will be cancelled.
- c. The Notification of Award shall constitute the conclusion of the Contract.

24. Signing of Contract

The successful bidder shall execute an agreement for ensuring satisfactory supply, installation, commissioning and the after sales service/support during the warranty period and during the Comprehensive Annual Maintenance Contract.

25. The Director reserves the right to accept or reject any or all tenders without assigning reasons.
26. The Director reserves the right to modify, add or delete any terms & conditions of the contract as and when required.

27. Amendment of tender documents:

- a. At any time prior to the dead line for submission of Tender, the Institute may, for any reason, modify the tender document by amendment.
- b. The amendment shall be notified and uploaded on the institute website www.igims.org only and such amendments shall be binding on them thereafter.
- c. The Institute shall not be responsible for failure to inform the prospective bidders. Purchasers of tender documents are requested to browse the website of the Institute for information/general notices/amendments to tender document etc on a day to day basis till the tender is concluded.

30. The Dispute, if any, will be subject to Jurisdiction at Patna (Bihar).

**Director,
I.G.I.M.S. - Patna**

CONDITIONS OF THE CONTRACT

01. **Duty Free Clearance, Transportation, Forwarding & Handling Charges:**
Clearance charges at point of Entry / Air Port and on ward transportation charges with Insurance up to I.G.I.M.S. - Patna will be borne by supplier's Indian Agent for which this Institute will not pay the charges. The firm should quote as FOR IGIMS Patna including all expenditure in **Indian Rupees only**.
02. **Demurrage, Taxes & Octroi:-**
No demurrage charges will be paid by the Institute in case of delay on the part of supplier. However, this Institute will provide all necessary documents required for clearance / transportation of the goods and for exemption of the taxes/octroi for which supplier/Indian agent will have to intimate/furnish his requisition of document required, if any, well in advance. Octroi will be payable by supplier / Indian agent, if required.
03. **Warranty Period:**
- a. The **-Complete System**(Equipment) shall remain under warranty period of **three years** from the date of satisfactory acceptable. The Complete System should include the basic unit and allied supporting components like UPS etc. to be supplied by the bidder along with basic unit if necessary for running the system.
- b. During warranty period of three years, bidder shall provide at least **four maintenance visits per year** at regular interval for usual maintenance and supervision. If bidder fails to provide these maintenance visits at regular interval, a proportionate deduction in the form of penalty on pro-rata basis will be recovered from the bidder from the Bank Guarantee amount. In case the Bank Guarantee is not adequate, Institute shall have right to recover the losses / penalty from other sources as well.
- c. Bidder shall also attend all breakdown calls within 48 hours of the receipt of the information from institute through fax/e-mail/mobile/sms etc.
- d. During warranty period, **bidder shall** maintain and keep **95% uptime** per year of the **-Complete System** as per calculation given below:-

1 Year = 365days
95% of 365 days = 347 Days per annum
- e. The bidder shall compensate the uptime less than the specified above for **every additional day** of down time over and above 18 days stipulated above, warranty period will get extended by one week as penalty at no extra cost i.e. the extended penalty period will be equal to one week for every additional day of down time.
- f. During warranty period, **bidder** will make the **-Complete System** in satisfactory working condition. In case, any spare parts, accessories, PCB, consumables etc. needs replacement due to normal wear and tear, **bidder** will supply and install the same for which no additional payment is to be made with a validity to cover warranty period if required.
- g. In case, the **bidder** is not able to provide services (and the items / accessories is not functioning as the reason thereof) due to natural calamity (act of God), Political unrest, Riot and fire at the user site, then in such a situation the warranty period will be extended by the period for which the item / accessories could not be operated because of supplier not been able to provide services.
- h. During warranty period, in case of any alleged damage due to accident / human error, a committee under the Chairmanship of Director, I.G.I.M.S. – Patna with one member from the bidder and one member from the Institute will decide the authenticity of the claim. The decision of the committee shall be final and binding on both the parties.

04. Performance Security

- a. There will be a security deposit amounting to 10 % of the total value of the equipment excluding taxes, which shall be submitted by the successful bidder within 10 days from the date of issuance of –Letter of Intentl.
- b. The contract duly signed and returned to the Institute shall be accompanied by a demand Draft or Bank Guarantee in the prescribed format.
- c. Upon receipt of such contract and the security money deposit, the Institute shall issue the Supply Orders containing the terms and conditions for the execution of the order.
- d. Failure of the successful bidder in providing security money deposit as mentioned above and / or in returning contract copy duly signed in time shall make the bidder liable for forfeiture of its EMD.
- e. The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:
 - i. It shall be in any one of the forms namely Account Payee Demand Draft or Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in this document endorsed in favour of the Institute.
 - ii. Institute will release the security money deposit without any interest to the successful bidder on completion of the successful bidder's all contractual obligations including the warranty obligations & after receipt of certificates confirming that all the contractual obligations have been successfully complied with.

05. Delivery period/Liquidated Damage: -

Goods should be delivered within three months after receipt of Supply Order. If the delivery is not affected by due date, the Director, I.G.I.M.S. - Patna shall have the right to charge liquidated damage on supplier/his Indian agent as under: -

- i. 1st extension for a month or a part thereof @ 2% per month .
- ii. 2nd extension for an additional month or a part thereof @ 3% per month subject to maximum Limit of 20% of the order items.
- iii. Cancellation.- If delivery is not done even after 2nd extension Institute shall have the right of cancellation of Supply order at its discretion. The institute may also cancel the supply order without giving any extension.

06. Payment: -

- a. 90% payment will be released against delivery and successful installation of the equipment & balance 10% will be released on submission of 10 % Bank Guarantee of the equipment cost of ordered value. This Bank Guarantee will be released after expiry of guarantee period.

07. Validity of Price:-

Minimum up to one year from date of tender submission and it should be extendable.

08. Part Supply:

No part supply/ wrong supply or short supply will be accepted by the Institute. The Director IGIMS, Patna will be the final authority and will have the right to reject full or any part of

supply, which is contradictory to the terms and conditions agreed at the time of placement of order. In case of rejection of any supplied items due to nonconformity in quantity and/or quality, Institute will have right to charge liquidated damages, as it deems fit.

10. Packing & Marking:-

Goods must be securely and adequately packed and protected in order to prevent damage, otherwise all losses and /or damage resulting from inadequate packing and/or inadequate protection or inadequate marking shall be borne by seller/seller's Principal abroad.

11. Supplier may have to provide required manpower for running the equipments at mutually agreed remuneration (Which shall not be more than remuneration payable for the particular category of staff at IGIMS) at the sole discretion of the Institute, till institute is able to arrange its own staff for the purpose.

12. Insurance: -

Insurance up to Patna will be borne/arranged by principal supplier/his Indian Agent.

13. The bidder should also quote for supply of —Un-Interrupted Power Supply (UPS) with a battery backup of at least 30 minutes, “Constant Voltage Transformer (CVT) of reputed manufacturer of required capacity along with Spike Suppressor or —Servo Voltage Stabilizer as per requirement of the System. Bidder may quote the prices for all the above items (UPS/CVT/SERVO VOLTAGE STABILIZER) and the decision will be taken during technical evaluation of the item whether UPS is suitable or CVT / Servo Voltage Stabilizer will serve the purpose. The firm has to get the vehicle registered and vehicle will have to be delved with registration no. No extra cost will be paid for that.

14. Responsibility:-

The principal as well as its agent will be severally and jointly responsible for ensuring the minimum life span of 10 years for the equipment. Both the said principal abroad and his Indian agent will have the full responsibility for the proper functioning of the equipment/instruments within the warrantee period and thereafter during the life span of the equipment

The bidder is required to provide list of persons (along with their permanent and correspondence address) owing more than 1% share ownership in the company/firm (both principle and Indian Agent).

15. Penalties for non-performance

The penalties to be imposed, at any stage, under this tender are;

- a. imposition of liquidated damages,
- b. forfeiture of EMD/ Security money deposit,
- c. termination of the contract,
- d. Blacklisting/debarring of the bidder.

16. Termination of Contract

- a. Termination for default:- The Institute, without prejudice to any other contractual rights and remedies available to it (the Institute), may, by written notice of default sent to the successful bidder, terminate the contract in whole or in part, if the successful Bidder fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Institute.
- b. In the event of the Institute terminates the contract in whole or in part, the Institute may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the successful bidder shall be liable to the Institute for the extra expenditure, if any, incurred by the Institute for arranging such procurement.

- c. Unless otherwise instructed by the Institute, the successful bidder shall continue to perform the contract to the extent not terminated.
- d. Termination for insolvency: If the successful bidder becomes bankrupt or otherwise insolvent, the Institute reserves the right to terminate the contract at any time, by serving written notice to the successful bidder without any compensation, whatsoever, to the successful Bidder, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and / or will accrue thereafter to the Institute.
- e. Termination for convenience: - The Institute reserves the right to terminate the contract, in whole or in part for its (Institute) convenience, by serving written notice on the successful bidder at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Institute. The notice shall also indicate inter alia, the extent to which the successful bidder's performance under the contract is terminated, and the date with effect from which such termination will become effective.

17. Fall Clause:

The prices charged for the equipment supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the equipment's of identical description to any other persons during the period of contract. If any time, during the contract, the bidder reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the Institute and the price payable under the contract of the equipment's supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

18. Applicable Law & Jurisdiction of Courts

- a. The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.
- b. All disputes arising out of this tender will be subject to the jurisdiction of courts of law in Patna (Bihar, India).

**Director,
IGIMS - Patna.**

Scope & Specification:

NOMENCLATURE-A

Sl. No.	INSTRUMENTS AND VEHICLE FOR MULTIPURPOSE MOBILE OPHTHALMIC UNIT
1	The vehicle customized for patient examination using photo slit lamp, non mydriatic fundus camera, refraction unit, sitting arrangement for patient and doctor. Can be used for travel of doctors, optometrists and patients, preferably.

NOMENCLATURE-B

Equipment:	
Sl. No.	Name of the Equipment:
1	Ophthalmic Chair Unit:
2	NON MYDRIATIC FUNDS CAMERA :
3	Photo Slit Lamp:
4	Auto Refractometre with Keratometer:
5	Direct Ophthalmoscope:
6	Indirect Ophthalmoscope charger:
7	Trail lenses set with trail frame:
8	Vision Chart & Vision drum Paed:
9	Non Contact Tonometer: Specification:
10	UPS
11	Generator of adequate capacity:

ANNEXURES
Annexure - I

PRICE SCHEDULED

LOCATED WITHIN INDIA.

1	2	3	4	5							6
				Price per unit (Rs.)							
Sched uled	Brief descript ion of goods Make: Model:	Countr y of origin	Qty. nos.	Ex- factory/ex- warehouse /ex- showroom/ off-the shelf	Excise duty(if any) % and value.	Sales tax/ vat(if any % and value.	Packi ng and forwa rding charg e	Inland transportatio n , insurance for a period including 3 months delivery, loading/ unloading and incidental cost till consignee site.	Incidental services (including installatio n and commissi oning, supervisio n, demonstra tion and training) at the consignee site. (f)	Unit price (at consign ee site basis(g) a + b + c + d+ e + f	Total unit price (At Consign ee Site) Basis Rs. 4x5(g)
				(a)	(b)	(C)	(d)	(e)	(f)		

Total quoted price in Rs.

In Words:

Note:

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warrantee shall be quoted separately as per price scheduled.

Place:

Name:

Date:

Business Address:-

Signature of Bidder;-

Seal of the Bidder;-

Annexure - II

COMPREHINSIVE ANNUAL MAINTENANCE CONTRACT PRICES SCHEDULE

S. No.	Item Description	1 st Yr.	2 nd Yr.	3 rd Yr.	4 th Yr.	5 th Yr.	6 th Yr.	7 th Yr.	Total Comprehensive Annual Maintenance Contract over a period of seven years after expiry of warranty period of three years from the date of successful installation. (a + b + c + d + e + f + g + h + i)
a	b	c	d	e	f	g	h	i	j
1.	Name of the Equipment: Make: Model: Qty.:								
2.	Name of the Equipment: Make: Model: Qty.:								

Scope of Contract (details as mentioned in the Clause No. – 13 of “Instruction to Bidder” & Clauses No.: 3, 4 and 5 of “Condition of Contract”.):

- a) The rate of Comprehensive Annual Maintenance Contract as mentioned above should cover the Complete System. Complete System should include the basic unit and allied supporting components like UPS, Stabilizer, Computer System, Printer, De-ionizer, Dehumidifier etc to be supplied by the bidder along with basic unit.
- b) **Preventive maintenance visit:** Four Maintenance visits at regular interval for usual maintenance & supervision failing which 25% of the contract amount per visit would be deducted as penalty.
- c) **Break down maintenance visit:** As & when required
- d) **Response Time:** within 48 Hours.
- e) Uptime Guarantee: 95% of 365 days
- f) The above-mentioned charges should includes labour charges for maintenance and breakdown visits per year, spares, accessories and all type of consumables required for the maintenance of the supplied items. If any spares / consumables /accessories etc. are not covered under above-mentioned charges; it should be clearly mentioned with frequency of replacement and with rate. The validity of rate of such items should also be mentioned clearly. What will be the rate of escalation on the quoted rate after expiry of the validity of rate of such item must be mentioned.
- g) Payment of Comprehensive Annual Maintenance Contract would be made on half yearly basis after completion of work and satisfactory working report. In no case, advance payment is to be considered.

Seal and Signature of the bidder

ANNEXURE – III

MANUFACTURER’S AUTHORISATION FORM

(To be submitted by authorized dealers/representatives/importers)

No.

Dated:

To
The Director
Indira Gandhi Institute of Medical Sciences,
Sheikhpura,
Patna – 800 014 (Bihar, India)

Dear Sir,

Tender No :
Equipment Name :

1. We (Name of the OEM) are the original manufacturers of the above equipment having registered office at (full address with telephone number/fax number & email ID and website), having factories at _____ and _____, do hereby authorize M/s. _____ (Name and address of bidder) to submit tenders, and subsequently negotiate and sign the contract with you against the above tender no.
2. No company or firm or individual other than M/s. _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.
3. We also hereby undertake to provide full guarantee/warranty /Comprehensive Annual Maintenance Contract as agreed by the bidder in the event the bidder is changed as the dealers or the bidder fails to provide satisfactory after sales and service during such period of Comprehensive Warranty / Comprehensive Annual Maintenance Contract and to supply all the spares/ accessories / consumables etc. during the said period.
4. We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipment’s tendered within the stipulated time.

(Name)
for and on behalf of M/s. _____

Date: _____ (Name of manufacturers)

Place:

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

ANNEXURE – IV
BANK GUARANTEE FORM

To

The Director
Indira Gandhi Institute of Medical Sciences,
Sheikhpura,
Patna – 800 014 (Bihar, India)

WHEREAS _____ (Name and address of the supplier) (Hereinafter called –the supplier) has undertaken, in pursuance of tender no _____ dated _____ (herein after called –the contract) to supply The Director, Indira Gandhi Institute of Medical Sciences, (address) with _____ (Description of goods and supplies).

AND WHEREAS it has been stipulated by you in the said tender/bid that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the bid scope;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total amount of _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We undertake to pay you any money so demanded notwithstanding any dispute or disputes raised by the supplier(s) in any suit or proceeding pending before any Court or tribunal relating thereto our liability under these presents being absolute and unequivocal.

We agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition no modification. No action, event, or condition that by any applicable law should operate to discharge us from liability, hereunder shall have any effect and we hereby waive any right we may have to apply such law, so that in all respects our liability hereunder shall be irrevocable and except as stated herein, unconditional in all respects.

This guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier(s).

We, _____ (indicate the name of bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent, in writing, of The Director, Indira Gandhi Institute of Medical Sciences, Patna (Bihar). This Guarantee will remain in force up to (Date). Unless a claim or a demand in writing is made against the bank in terms of this guarantee on or before the expiry of (Date) all your rights in the said guarantee shall be forfeited and we shall be relieved and discharged from all the liability there under irrespective of whether the original guarantee is received by us or not.

(Signature with date of the authorized officer of the Bank)
Name and designation of the officer

.....
.....
Seal, name & address of the Bank and address of the Branch

ANNEXURE - V
POWER OF ATTORNEY
(On a Stamp Paper of relevant value)

I/ We.....(name and address of the registered office) do here
by constitute, appoint and authorise Sri/Smt.....
.....(name and address) who is presently employed with us and holding the position of
..... as our attorney, to act and sign on my/our behalf to participate in the tender no..... f or..... (Equipment name).

I/ We hereby also undertake that I/we will be responsible for all action of Sri/Smt..... undertaken by him/her during the tender process and thereafter on award of the contract. His / her signature is attested below

Dated this the ___ day of 201_ For _____

(Name, Designation and Address)

Accepted

(Signature) (Name, Title and Address of the Attorney)

Date : _____

NOMENCLATURE-A

SPECIFICATION FOR INSTRUMENTS AND VEHICLE FOR MULTIPURPOSE MOBILE OPHTHALMIC UNIT			
Sl. No.	VEHICLE SPECIFICATION	TATA/MAHINDRA/EICHER	
1	Fuel type	Diesel	
	Engine no	497CR	
	Warranty	3 Years/3 Lakh KM	
	Gradeability	26%	
	Engine Cylinder	4	
	Cluch	330 mm dia	
	Transmission	5 speed manual (5F+1R)	
	Gear Box	GBS 40	
	Max. Torque	400Nm@1300-1500 rpm	
	Fuel Injection System	Common Rail	
	Fuel Tank Capacity	160 Litres	
	Max Speed	80 kmpl with speed Limiter	
	Electricals/Battery	12V,150Ah,65 Amps	
	Chassis frame	Ladder type frame with riveted/bolted cross member	
	Max Width	2495 mm	
	Wheel Base	5345 mm	
	Engine Location	Front	
	GVW	12670 Kg.	
	Axle Configration	4 X 2	
	Front Suspension	Semi-elliptical leaf springs, with telescopic shock absorbers	
	Rear Suspension	Semi-elliptical leaf springs, with telescopic shock absorbers	
	Tyres	9x20-16PR6+1 Tyres	
	Turning Circle Diameter	20.5 m	
	Overall Length	10401 mm	
	Front overhang	1755 mm	
	Rear Overhang	3200 mm	
	Front Track	1964 mm	
	Rear Track	1806 mm	
	Driver Seat Type	4 Way adjustable	
	Sterring Type	Power	
	Sterring Adjustment	Rigid	
	Instrument Cluster	Analog with LED display	
	Service Brakes	Air Brakes	
	Parking Brakes	Spring actuated acting on rear wheels	
	ABS	Yes	

Fabrication details For Mobile Eye clinic

<u>Description:</u>		
Body shape & size	Slightly Round shape Body Overall Length-10450mm Over all Width-2500 mm Over all Height-2800 mm Internal Height-2000 mm EYE clinic Cabin Size-3900*2400*2000 cb mm(13 ft*8ft*6.5ft)	
Body Skelton	Channel (4*2)-Sail make	
	Rectangular Pipe -60*40,40*40,40*20 mm; thickness-14 gage (Galvanized pipe)	
	Angle -1.25 inch,1.5 inch & 3mm thickness- standard	
Spl Attn	Complete Skelton –Treated By Red Oxide	
Metal Sheet	GI metal Sheet-single stretch For Roof (Central Part) and Below the Window Portion-20 Gage(1 mm thickness);	
	Side Lower portion of Body -14 gage Aluminum sheet	
Floor	Plane Floor; Finished By Waterproof –ply board -17mm & PVC flooring (Responsive /LG make-2mm)	
	PVC flooring colour-light blue finish; It is anti skid & medicated	
	Flooring -2 mm thick –Responsive/LG make	
	At rear wheel- First we put colour coated sheet then 17 mm plywood	
Insulation	Complete Body –insulated by Thermo-coal & Hit-lone; Three layer insulation;1 st layer 12 mm Hitlone,2 nd layer 30 mm thermocoal,3 rd layer 6 mm hitlone	
Interior	Complete Interior –finish by FRP (Fibre Re-enforced plastic)	
	FRP moulded sheet supported by Metal re-enforcement	
FRP	FRP of Binani make-double layer thickness -3 mm	
	We apply Point adhesive & PU sealant to paste FRP	
Window	One left & one right window in Eye testing cabin—either fixed window or open window as per customer choice	
	Window Glass: Fixed/ open Glass window tinted-Green-Toughened (Not laminated)	
Rear	Rear cabin as Lenses & Glass shop type outlet; Flap type door	
Electrical	Electrical wire of Havelles (make-1.5mm,2.5 mm & 4 mm)	
	Conceal wiring with proper flexible conduit/sleeves	
	All switch & socket modular- Havelles/Anchor Roma make	
Lights	Head Lights and Tail Lights standard; Two Fog Light at	

	Front bumper	
Light Bar	Public address system with Light Bar in Blue& Red colour Grand/Shiphon/Sholphin make- LED with 4 sound system	
Blue light	Two revolving light at rear top on both side	
Lights	12 volt light- 6 Number -LED/tube light 220 volt light 6 Number-LED /tube light	
	All lights are LED with good illumination	
Fan	Fan -12 v -carbonless –Parko/ Remmy -3 Number	
	Fan -220 V –Olympus/Bajaj Make- 4 Number	
Inverter	2000 va inverter with 200 Ah battery (Luminous/microtek)	
	Inverter & battery -kept under chassis at right side with proper lock system	
Power point	8 Number power point(2-2 on each side) with switches(6/15 Amp) for medical equipments – Electrical supply by Inverter	
Head Rack	<u>One Number of head rack at either side to keep consumables & medicine</u>	
Seat	Attendant Seat for 3 person with seat belt & back cushion ,if possible with both Chair unit	
	Sofa Cum Bed type provision in Driver cabin as shown in Layout	
Cabinet	Cabinet –as per requirement	
	Cabinet made of Marine type board /ply and finished by Marino-AB+ laminate (Boverian beach colour)	
Washing	Wash basin with all accessories Sanitizer and Tissue paper stand at each working table	
Dust Bin	Two Number of Dustbin in Steel under Wash basin	
Accessories	Sun-wizer before driver seating	
	Mud-Flap	
	Fire Extinguisher-2 kg;2 No	
	Side View Mirror	
	All equipment has to be kept in cabinet after eye camp	
Table	Two working table for eye equipment	
Seat	Two standard chair for medical staff and Two stool for patient	
Dickey	2-3 dickey -provided under chassis for battery, inverter,	
	<u>Generator and Power back (extra engine) for Air-condition</u>	
Main Door	Entrance door at left Front side of vehicle with footsteps – comfortable ride by even senior citizen Door at rear Side –Flap type door (as per customer choice) with plastic Curtain in Rear lense Shop	
	Plastic Flap to save cooling and dark colour curtain at Door to keep cabin dark at the time of testing (in Eye testing cabin)	
	Foot steps -Finished by Aluminium Chequered sheet	
Branding	Name , Address, Logo of Ambulance & contact details in Radium on all side of vehicle (50 sq ft)	

	If customer need ,complete branding of Van by 3M radium / Vinyl-it will charge extra as per actual	
Generator	Provision to install Generator of 6.5 Kva-Himalayan make ,on trolley that moves out for Fuelling and starting (Generator price not included)	
Air- condition	Provision to install ductable Air-condition run on vehicle engine Air-condition work in only moving condition of Van (price of Air-condition not included)	
Split Air-condition	Provision to install 1.5 Ton Split air-condition in Eye testing cabin and Split Air-condition -1 Ton in Rear lense shop (inverter technology based) (both run by silent generator or out sourcing electricity)	
Inverter	1000 Va inverter with 145 AH Battery (Luminous make)	
	50 mtr long extension wire with socket for Charging inverter battery and out-sourcing electricity to van	
Toilet	Cabin of Chemical Toilet at behind Driver cabin in Driver side; Entrance from Outside of Vehicle (Price of Chemical Toilet not included); Provision of Small wash basin with 200 ltr water tank	
Jack	Hydraulic Jack should be installed at below the Eye Clinic cabin (4 pillar/Leg system) to put the MMU in stagnant position during camp (Price ofJack not Included)	
LED	Provision of 43'' LED on both side of Vehicle (LED price not included) on one side	

Note:- Base Vehicle and Medical equipments can be provided by

Customer Terms & condition:

- 1) **Delivery : 60 days after purchase order and Payment**
- 2) **Taxes & Levies : Quoted extra in %**
- 3) **Warranty : 3 Year warranty for medical Equipment, one year except Glass & rubber part; Warranty & service of Air condition & 7 Years CMC.**

NOMENCLATURE-B

Sl. No.	Equipment Specification:	
1	Ophthalmic Chair Unit:	
	<ol style="list-style-type: none"> 1. Seat minimum height 550 mm 2. Seat maximum Height 710 mm 3. Up & down Stroke 4. Seat Rotation: 0 to 180° 5. Bck & Forward Movement: 95° to 175° 6. Net Weight: 189 kg 7. Load Lifting: 200 kg 8. Motor Available: 24V DC 9. Stabilizer required: 1 kva min. 10. Minimum area required: 8"x 10" 	
	Power Requirements: <ul style="list-style-type: none"> • AC Input: 230V AC 50 Hz • Fuses : 5A Slow Blow • Power in VA: 350 VA 	
2	NON MYDRIATIC FUNDS CAMERA :	Mydriatic and Non Mydriatic Imaging:
	Photography Models	1. Color, Red Free and infrared imaging
	Focusing Mechanism	2. Auto- Focus & Manual Focus Wheel, ability to disable auto focus on a/Software
	Field of view	3. At Least 40 degrees Optical Magnification
	Diopter magnification	4. Compensation for Ametropia +35D.....-35D
	Light Source	5. Mydriatic mode: Cool white LED Non-Mydriatic mode: Infra Red and Cool White LED ISO 15004 safety assured
	Levels of Illumination	6. Illumination levels controllable through software
	Regulatory Certification	7. CEI IEC6060-I, IEC6060-2, IEC62304, IEC62133 ISO15004-I-2, ISO10940, USFDA 510K
	AC power adaptor	8. 9V, 2A external CE marked medical grade adaptor
	Camera & Display Interface	9. Smartphone Camera with integrated smartphone based touch display
	Camera Resolution	10. Equal or greater than 80 Ip/mm at imaging plane traceable to ISO 10940 with at least 8 MP prixel resolution
	Form & Construction	11. Fixed smartphone holder fixed to optical interface (W)(DHX)
	Battery & Back up	12. 7.0 V at least 1400 mAh Li-ion rechargeable battery
	Environmental	13. Operating Temperature 0 degree Celsius to 40 degree Celsius Relative humidity 10% to 95%
		14. iOS Operating System based , with built in Patient.

3	Photo Slit Lamp:
	1. Slit width:0-8mm/0-14mm, continuous
	2. Slit length:1-8mm/0-14mm,adjustable continuous
	3. Slit angle:0 to 180 deg. Continuous both vertical and horizontal.
	4. Decentering of slit image: +4 to -4 horizontal
	5. Diaphragm sizes:0.2-8mm/0.2-14mm
	6. Rotation :0.180 degrees.
	7. Light source: halogen lamps/ Tungsten/LED
	8. Slit tilt : 0-20 degrees.
	9. Filters: cobalt blue, red free,neutral UV protection
	10. Binocular microscope with standard objective and eyepieces
	11. 5x-----40x magnification in steps with drum rotation
	12. 6-----40mm field of view
	13. Movement (base movement (x,y,vertical), adequate chin rest)
	14. Motorized table for slit lamp.
	15. Attachment for Applanation tonometer.
	16. Beam splitter and digital adapter.
	17. 8 GB SD/SDHC memory card and power cable
	18.Standard accessories: Spare Bulbs, Hurbey lens, Appalation tonometer
	19. Suitable motorized stand.
	20. It should be Europeon CE & US FDA certified
4	Auto Refractometre with Keratometer:
	1. Objective \pm subjective mode & measuring corneal astigmatism, low contrast glare acuity testing
	2. Measurable range- Sphere plus/ minus 20D, Cyl 0 to 7D, Axis 0 to 180, minimum pupil size 2mm, vertex distance 10.5,12.0,13.5 preferably wiot IOL mode and prout out facility
	3. High Accuricy measurements of corneal and contact lens radii determination of corneal astigmatism
	4. Distance independent co-independent measuring technique . Prism cells for contact lens measurement with power supply unit. Range 4mm to 13mm radius with 0.01mm increments. Halogen lamp illumination, steel ballsnstandard radius for calibration.
5	Direct Ophthalmoscope:
	1. Illumination:3.5V,2.8W Mini Halogen bulb
	2. Recharging unit: Input Voltage: 220V \pm 10% V
	3.Input Frequency: 50Hz \pm 1Hz
	4. Input Power:8VA
	5. Battery :Rechargeable BT224G
	6. Viewing Lenses:0, \pm 1, \pm 2, \pm 3, \pm 4, \pm 5, \pm 6, \pm 8, \pm 10, \pm 12, \pm 16, \pm 20,-25,-35
	7. Apertures: Large Spot, Small Spot, Slit, Central Net, and Red-free New
	8. Weight:118g (Excluding battery)
	9. Total Weight: 340g
	10. Dimensions: 42mm x32mm x210mm
6	Indirect Ophthalmoscope charger:
	1. Apertures and filters: Can be "locked" into a desired position.
	2. Adjustment Levers: Also feature a " Friction-clutch" (Safety Clutch) to protect mechanisms from forced adjustment while in the "lock" position.

	3. Increased PD Range: From 46-74mm.
	4. Soft Touch Controls: All key adjustment controls feature soft touch surfaces for precise and positive adjustment control.
7	Trail lenses set with trail frame:
	1. Range of Binocular Pupil Distance
	2. Adjustment: 48-80mm PD
	3. Range of Monocular PD adjustment: 24-40mm
	4. Minimum Calibration Value:1mm
	5. Axial Calibration for Right Eye:45° through 180° to 135°
	6. Axial Calibration for Left Eye:120° through 0° to 60°
	7. Axial Calibration increases counter clock wise along the lens frame in increments of 5°
	8. Inner Diameter of Lens Frame:32.5mm
	9. Four lenses may be inserted in each side of frame simultaneously.
	10. Each Lens may be rotated around the entire 360° Displacement of the lens in relation to the position of lens
	11. Frame geometrical center :< 0.3mm
	12. Nose pad adjustment length:0:14mm
	13. Nose Pad adjustment angle:0° to 30°
	14. Range of Temperature length adjustment:98:135mm
	15. Maximum width between the temples: 200mm 15. Weight:72g
	16. Trail Lens set:-Specification: Lenses contain Spherical +(0.12D to+20D) Spherical -(-0.12D to-20D) Cylinder + (+0.12D to 6D) Cylinder + (+0.12D to 6D) Prisms(1 to 12) ACCESSORIES Slit, Red, Green, Pin Hole occiude.
8	Vision Chart & Vision drum Paed:
	1. Remote Control with Cord
	2. Compact & Light weight
	3. Pleasing colour to match all interiors
	4. Included colour deficiency test
	5. The Regular sequence of charts offered are- English,Hindi -Regional Language-C Chart- Dot Chart- All chart are available up to 6/4 vision (over correction)
	6. Regional language available
9	Non Contact Tonometer: Specification:
	1.Measurement Range 0-60 mm Hg (0-30 mm Hg / 0-60 mm Hg)
	2.Pressure measurement: 1 to 60 mmHg (1 mmHg step)
	3.Working Distance 11 mm
	4.Measurement display TV monitor screen
	5.R/L change-over ... automatically detected and displayed Up to three measurements of each eye can be displayed and printed out
	6. Measurement recording Built-in printer
	7. Measurement Mode: Auto start or manual (selectable)
	8. Should have an error indication
	9. Weight: less than 20 Kgs
10	UPS: 2 KVA
11	Generator of Adequate capacity: 5 KVA
