Province Government
Ministry of Social Development
Province Health Logistic Management Center
Province No. 2, Janakpurdham, Dhanusha

Procurement of ICU & COVID Related Medical equipment

Provision Concerning Procurement to be Made in Special Circumstances (Public procurement act, 2063 and Public procurement regulation, 2064 of rule 145)

IFB NO. P2/PHLMC/G/Covid-19/CR.1/2076/077

Issued on:-……
Issued to:-…….
Dispatch No:- ……
Date:-

Abbreviations

BDS .....Bid DataSheet

BD .....BiddingDocument

DCS .....Delivery and CompletionSchedule

DP .....DevelopmentPartner

EQC .....Evaluation and QualificationCriteria

GCC..... General Conditions ofContract

GoN .....Government ofNepal

Incoterms……

ICC. .....International Chamber ofCommerce

IFB..... Invitation forBids

ITB..... Instructions toBidders

LGRS..... List of Goods and RelatedServices

NCB..... National CompetitiveBidding

PAN..... Permanent AccountNumber

PPMO.....Public Procurement MonitoringOffice

SBD .....Standard BiddingDocument

SBQ .....Schedule of BidderQualifications

SCC… .....Special Conditions ofContract

SR .....Schedule ofRequirements

TS..... TechnicalSpecifications

VAT…… Value AddedTax

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निर्देशक

Province Government
Ministry of Social Development
Province Health Logistic Management Center
Province 2, Janakpurdham, Dhanusha

Invitation for Bids for the Procurement of ICU and CovidRealted Medical Equipment

Contract Identification No: P2/**PHLMC/G/Covid-19/CR.1/2076/077**

Date of publication:- June 19, 2020

1. The Ministry of Social Development, Province Health Logistic Management Center invites bids from eligible bidders for the procurement of Machines and Equipment items For COVID -19 Controls and Prevention ***under*** **Provision Concerning Procurement to be made in Special Circumstances** procedures as specified in Public Procurement Act andRegulations.
2. The bidder may submit the bid for single or more slices as mentioned below and offer discounts/ cross discounts. Evaluation will be done package basis, with contracts awarded based on the award combination that is of least cost to thePurchaser.
3. The bidder may submit the bid for based on packages and package as mentioned below and offer discounts/ cross discounts. Evaluation will be done package basis, with contracts awarded based on the award combination that is of least cost to thePurchaser

S.N.	Contract Identification No.	Description Of Goods	Cost of Biddings Documents non-Refundable(NRs.)	Amount of Bid Security (NRs.)	Bid Security Validity
1	P2/PHLMC/GOODS/COVID-19/CR1/2076/077- package 1	ICU Equipment	NRs. 20,000.00	54,00,000.00	120 days from tender opening date
2	P2/PHLMC/GOODS/COVID-19/CR1/2076/077- package 2	Hospital Furniture and related items		11,00,000.00	120 days from tender opening date
3	P2/PHLMC/GOODS/COVID-19/CR1/2076/077- package 3	Medical Equipment		30,00,000.00	120 days from tender opening date

4. Eligible Bidders may obtain further information and inspect the bidding documents at the office of Province Health Logistic Management Center, and Mobile no. 9851196957 or may visitwww.mosd.p2.gov.np
5. A complete set of bidding documents is available inwww.mosd.p2.gov.npBidders have submitting their bid should deposit the **NRs 20,000.00** cost of bidding document in the following Rajaswa (revenue) account as specified below:

   Name of the Bank: RastriyaBanijya Bank, Janakpurdham
   Name of the Office: Province Health Logistic Management Center
   Office Code No. : 3500717012
   Office Account No. : 1000200010000
   Revenue Head No. : 14229
6. Sealed Hard copy bids must be submitted to the Province Health Logistic Management Center**,Province 2 Janakpurdham, Dhanusha**by hand on before 12.00 hour on 26th June **, 2020.** Bids received after this deadline will berejected.
7. The bids will be opened in the presence of Bidders' representatives who choose to attend at **14:00** hours on 26th June **,2020**at the office of Province Health Logistic Management Center**, Janakpurdham**, Dhanusha, Nepal.

8. Bids must be valid for a period of 12**0 days** from the date of bid opening and must be accompanied by a bid security amount mention in above table which shall be valid for **30** days beyond the validity period of the bid. The Bidder wishes to submit the Bid Security in the form of cash, the cash should be deposited in **Deposit Account Name: Province treasury comptrollor Office, Province 2, Janakpurdham, Dhanusha. Deposit No 1220502000000** at RastriyaBanijya Bank, janakpurDhanusha.

9 If the last date of purchasing and /or submission falls on a government holiday, then thenext working day shall be considered as the last date. In such case the validity period of the bid security shall remain the same as specified for the original last date of bid submission.

10 The Province Helath Logistic management Center, Province 2 , Janakpurdham Dhanusaha has fully right to accept or reject the tender any time with no any queries.

11 Any discrepancies or error in the bid document, bid notice or any other document will be as per Public Procurement Act, 2063 and Public Procurement Regulation, 2064 and other Nepal Law and the office of Provice Health Logistic Management Centre, provice reserves the right to amend and correct at any time

Section I. Instructions to Bidders

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Section I. Instructions to Bidders

A. General

1. Scope of Bid	1.1 The Purchaser ***indicated in the BDS*** issues this Bidding Document for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name and identification of contracts are ***indicated inBDS***. 1.2 Throughout this Bidding Document: (a) the term "in writing" means communicated in written form with proof ofreceipt; (b) if the context so requires, singular means plural and vice versa; and (c) "day" means calendarday.
2. Source of Funds	2.1 GoN Funded: In accordance with its annual program and budget, approved by the GoN, the Purchaser intends to apply a portion of the allocated budget to eligible payments under the contract(s) ***indicated in the BDS*** for which this Bidding Document isissued. Or DP Funded: The GoN has applied for or received financing (hereinafter called "funds") from the Development Partner (hereinafter called "the DP") ***indicated in the BDS*** toward the cost of the project ***named in the BDS***. The GoN intends to apply a portion of the funds to eligible payments under the contract(s) for which this Bidding Document is issued. 2.2 DPFunded:PaymentbytheDPwillbemadeonlyattherequestoftheGoN and upon approval by the DP in accordance with the terms and conditions of the financing agreement between the GoN and the DP (hereinafter called the "Loan Agreement"), and will be subject in all respects to the terms and conditions of that Loan Agreement. No party otherthantheGoNshallderiveanyrightsfromtheLoan Agreementor have any claim to thefunds. 2.3 Public Entity's ResourcesFunded.
3. Fraud and Corruption	3.1 Procuring Entities as well as Bidders, suppliers and contractors and their sub-contractors shall adhere to the highest standard of ethics during the

	procurement and execution of such contracts. In pursuance of this:; (a) the Purchaser adopts, for the purposes of this provision, the terms as definedbelow: (i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperlytheactionsofanotherparty; (ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid anobligation; (iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property ofthepartytoinfluenceimproperlytheactionsofaparty; (iv) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions ofanother party. (v) "obstructive practice" means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an investigation; (b) making false statements to investigators in order to materially impede an investigation; (c) failing to comply with requests to provide information, documents, or records in connection with an investigation; (d) threatening, harassing, or intimidating any party to prevent it from disclosing itsknowledge of matters relevant to the investigation or from pursuing the investigation; or (e) materially impeding GoN/DP"s contractual rights of audit or access to information;and (vi) "integrity violation" is any act which violates Anticorruption Policy,including(i)to(v)aboveandthefollowing:abuse,conflict of interest, violations of GoN/DP sanctions, retaliation against whistleblowers or witnesses, and other violations of Anticorruption Policy,includingfailuretoadheretothehighestethicalstandard. (b) the Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practicesorotherintegrityviolationsincompetingforthecontract;
	(c) DP will cancel the portion of the financing allocated to a contract if it determines at any time that representative(s) of the GoNor of a beneficiary of DP-financing engaged in corrupt, fraudulent, collusive, or coercive practices or other integrity violations during the procurement or the execution of that contract, without the GoNhaving taken timely and appropriate actionsatisfactory to DP to remedy the

	situation. (d) DPwillimposeremedialactionsonafirmoranindividual,atanytime, in accordance with DP's Anticorruption Policy and related Guidelines (as amended from time to time), including declaring ineligible, either indefinitelyorforastatedperiodoftime,toparticipateinDP-financed, -administered, or -supported activities or to benefit from an DP-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and (e) The Supplier shall permit the GoN/DP to inspect the Supplier"saccounts and records relating to the performance of the Supplier and to havethemauditedbyauditorsappointedbytheGoN/DP,ifso required by theGoN/DP.
	3.2 The Bidder shall notcarry out or cause to carry out the following acts with an intention to influence the implementation oftheprocurementprocessortheprocurementagreement: (a) give or propose improper inducement directly orindirectly, (b) distortion or misrepresentation offacts, (c) engaging in corrupt or fraudulent practice or involving insuch act, (d) interferenceinparticipationofothercompetingbidders, (e) coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurementproceedings, (f) collusive practice among bidders before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Purchaser thebenefit of open competitive bid price, (g) Contacting the Purchaser with an intention to influence the Purchaser with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the timeofopeningofthebidsuntilthenotificationofawardofcontract.

	3.3 PPMO, on the recommendation of the Procuring Entity may blacklist a Bidderforaperiodofone(1)tothree(3)years foritsconductincludingon thefollowinggroundsandseriousnessoftheactcommittedbythebidder: (a) if convicted by a court of law in a criminal offence whichdisqualifies the Bidder from participating in thecontract, (b) ifitisestablishedthatthe contractagreementsignedbytheBidderwas based on false or misrepresentation of Bidder"squalification information, (c) ifitatanytimedeterminesthatthefirmhas,directly orthroughanagent, engaged in corrupt, fraudulent, collusive, coercive, orobstructive practices in competing for, or in executing, a GoN/DP-financed

	contract. (d) if the Successful Bidder fails to sign the Contract.
	3.4 A bidder declared blacklisted and ineligible by the GoN, Public Procurement Monitoring Office (PPMO) and/or the DP in case of DP funded project, may be ineligible to bid for a contract during the period of time determined by the GoN, PPMO and/or the DP including credit information bureau ofNepal. 3.5 In case of a natural person or firm/institution/company which isalready declared blacklisted and ineligible by the GoN, any other new or existing firm/institution/company owned partially or fully by such Natural person or Owner or Board of director of blacklistedfirm/institution/company; shall not be eligiblebidder.
	3.6 Furthermore, Bidders shall be aware of the provisions of GCC 28.3.
4. Eligible Bidders	4.1 This Invitation for Bids is open to eligible Bidders from all countries, except for any ***specified in theBDS***. 4.2 A Bidder may be a natural person, private entity, government-owned entity (subject to ITB 4.4) or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture (JV). Maximum number of parnersin JV shall be as **specified in BDS** .In the case of aJV: (a) allpartiestotheJVshallbejointlyandseverallyliable;and (b) a JV shall nominate a representative who shall have the authority to conduct all businesses for and on behalf of any and all the parties of the JV during the bidding process and, in the eventtheJVisawardedtheContract,duringcontractexecution. 4.3 A Bidder shall not have a conflict of interest. Any Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limitedto: (a) have controlling shareholders incommon; (b) receiveorhavereceivedanydirectorindirectsubsidy fromany ofthem; (c) havethesamelegalrepresentativeforpurposesofthisBid; (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about orinfluence on the Bid of another Bidder, or influence the decisions of the Purchaserregarding

	this bidding process; (e) a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which it is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one bid; or (f) a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods and services that are the subject of thebid. 4.4 A Bidder that is under a declaration of ineligibility by the GoN/DP in accordance with ITB 3.4, at the date of the deadline for bid submission or thereafter, shall bedisqualified. 4.5 AGoN-ownedenterprisemayalso participateinthebidifitislegallyand financially autonomous, it operates under commercial law, and it is not dependent agency of thePurchaser. 4.6 Bidders shall provide such evidence of their continued eligibility satisfactory tothePurchaser,asthePurchasershallreasonablyrequest. 4.7 Firmsshallbeexcludedinanyofthecases,if (a) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations prohibits any import of goods or Contracting of works or services from that country or any payments to persons or entities in thatcountry. (b) DP Funded: as a matter of law or official regulation, GoN prohibits commercial relations with that country, provided that the DP is satisfied that such exclusion does not preclude effective competition forthesupplyofgoodsorrelatedservicesrequired; (c) DPFunded:afirmhasbeendeterminedtobeineligiblebytheDPinrelation to their guidelines or appropriate provisions on preventing andcombatingfraudandcorruptioninprojectsfinancedbythem.
	4.8 A bidder and all parties constituting the Bidder shall have the nationality of aneligiblecountryasdefinedbytheconcernedDPforDPfundedprojects. 4.9 ThedomesticBidderwhohasobtainedPermanentAccountNumber(PAN) and Value Added Tax (VAT) registration certificate(s) and Taxclearance certificate or proof of submission of tax return from the Inland Revenue

	Office shall only be eligible. The foreign bidder submitting the documents ***indicated in the BDS*** at the time of bid submission and a declaration to submit the document(s) ***indicated in the BDS*** at the time of contract agreement shall only be eligible
5. Eligible Goods and Related Services	5.1 Allgoodsandrelatedservicestobesuppliedunderthecontractareeligible, unlesstheir originisfroma country***specifiedintheBDS***. 5.2 For purposes of this clause, "origin" means the place where the goods are mined,grown,orproduced,ortheplacefromwhichtherelatedservicesare supplied 5.3 The origin of goods and services is distinct from the nationality of the Bidder.
6. SiteVisit	6.1 For goods contracts requiring installation/ commissioning/ networking or similarservicesatsite,theBidder,attheBidder"sownresponsibilityand risk, is encouraged to visit and examine the Site and obtain all information that may be necessary for preparing the Bid and entering into a contract for the supply of goods andrelated services. 6.2 The Bidder should ensure that the Purchaser is informed of the visit in adequate time to allow it to make appropriatearrangements. 6.3 ThecostsofvisitingtheSiteshallbeattheBidder"sownexpense.

B. Contents of BiddingDocument

7. Sections of theBidding Document	7.1 TheBiddingDocumentconsistofParts1,2,and3,whichincludeall the Sections indicated below, and should be read and construed in conjunction with any Addenda issued in accordance with ITB9. **PART1 BiddingProcedures** • SectionI. Instructions to Bidders(ITB) • SectionII. Bid Data Sheet(**BDS**) • SectionIII. Evaluation and QualificationCriteria • SectionIV. Bidding Forms **PART 2 Supply Requirements** • SectionV. Schedule ofRequirements **PART 3 Conditions of Contract and Contract Forms** • SectionVI. General Conditions of Contract(GCC)

	• Section VII. Special Conditions of Contract (SCC) Section VIII. ContractForms 7.2 The Purchaser will reject any Bid submission (in case of hard copy submission) if the Bidding Document was not purchased directly from the Purchaser, or through its assigned office as stated in the invitation for bids or has not deposited (in case of electronically submission) the cost of Bidding Document as stated in the invitation forbids. 7.3 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document as well as in Amendments, if any. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of theBid. 7.4 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document
8. Clarification of Bidding Document/Pre-bid meeting	8.1 AprospectiveBidderrequiringanyclarificationoftheBiddingDocument shall contact the Purchaser in writing at the Purchaser"s address ***indicated in the BDS***. The Purchaser will respond in writing to any request for clarification, provided that such request is received within thetimelimit***specifiedintheBDS***priortothedeadlineforsubmission of Bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Document directly from it, includingadescriptionoftheinquirybutwithoutidentifyingitssource. Should the Purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and24.2. 8.2 Thepurchasermayorganizeapre-bidmeetingofBiddersbeforethedeadline forsubmissionofBidsattheplace,dateandtimeas***specifiedintheBDS***toprovide information relating to Bidding Documents, Technical specifications and the like matters. Should the purchaser deem itnecessary to amend the Bidding Document as a result of a clarification, it shall do so followingtheprocedureunderITB9andITB**24.2**.
9. Amendment of Bidding Document	9.1 At any time prior to the deadline for submission of the Bids, the Purchaser may amend the Bidding Document by issuingaddenda. 9.2 Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document directly from the Purchaser. Such Addendum notice shall also be published in the Nationalnewspaper. 9.3 To give prospective Bidders reasonable time in which to takean

	addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of the Bids, pursuant to ITB **24.2**.

C. Preparation ofBids

10. Cost of Bidding	10.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
11. Language of Bid	11.1TheBid,aswellasallcorrespondenceanddocumentsrelatingtotheBid exchanged by the Bidder and the Purchaser, shall be written in the language ***specified in the BDS***. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language ***specified in the BDS***, in which case, for purposesofinterpretationoftheBid,suchtranslationshallgovern.
12. Documents Comprising the Bid	12.1 The Bid shall comprise thefollowing: (a) Bid Submission Letter and the applicable Price Schedules, in accordance with ITB Clauses 13, 15, and16; (b) Bid Security in accordance with ITB21; (c) alternative bids, if permissible, in accordance with ITB14; (d) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB22; (e) documentary evidence in accordance with ITB 17 establishing the Bidder"s eligibility tobid; (f) documentary evidence in accordance with ITB Clauses 18 and 31, that the Goods and Related Services conform to the Bidding Document; (g) documentary evidence in accordance with ITB 19 establishing the Bidder"s qualifications to perform the contract if its Bid is accepted;and ***(h)*** anyotherrequired documents, which is not against the provision of Procurement Act/Regulation/Directives and Standard BiddingDocument issued by PPMO,***required in theBDS.*** 12.2 The Bidder is solely responsible for the authenticity of the submitted documents.

13. Bid Submission Letter and Price Schedules	13.1 The Bidder shall submit the Bid Submission Letter using the form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. 13.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the forms furnished in Section IV, BiddingForms
14. Alternative Bids	14.1 Unless otherwise ***indicated in the BDS***, alternative bids shall not be considered.
15. Bid Prices and Discounts	15.1 The Bidder shall complete the appropriate Price Schedule and the sources of Goods schedules included herein, stating the unit prices, total cost per item, the total Bid amount and the expected countries of origin of the Goodstobesuppliedunderthecontract. **15.2** PricesquotedinthePriceSchedulesshallbeincludedthecostofgoods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading,andanyothercostfor(incidental)services,ifany,relatedto the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is substantially responsive, the corresponding adjustment shall beapplied in accordance with ITB**32.3** 15.3 Prices quoted by the Bidder shall be fixed during the Bidder‟s performance of the Contract and not subject to variation on any account, unless otherwise ***specified in the BDS***. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected, pursuant to ITB **31**. However, if in ***accordance with the BDS***, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated aszero. 15.4 TheBidder'sseparationofpricecomponentsinaccordancewithITB15.1above will be solely for the purpose facilitating the comparisonof bids by the Purchaser and will not in any way limit the Purchaser's right to

	contract on any of the terms offered. 15.5 If the Bidder intends to offer any unconditional discount, it shall always be expressed in fixed percentage and that shall not vary as the quantity varies and be applicable to each unit rate. The methodology for its application shall be provided in bid submission letter.
16. Currencies of Bid	16.1 All Prices shall be quoted in Nepalese Rupees.
17. Documents Establishing the Eligibility of the Bidder	17.1 ToestablishtheireligibilityinaccordancewithITB4,Biddersshall: (a) complete the eligibility declarations in the Bid Submission Letter, included in Section IV, Bidding Forms;and (b) if the Bidder is an existing or intended JV inaccordance with ITB 4.2, submit a copy of the JV Agreement, or a letter of intent to enter into such an Agreement. The respective document shall be signed by all legally authorized signatories of all theparties to the existing or intended JV, asappropriate. (c) submit the copy of the documents as***specified in BDS***.
18. Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document	18.1 To establish the conformity of the Goods and Related Services to the Bidding Document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods and Related Services conformto the requirements specified in Section V, SupplyRequirements. 18.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item-by-item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to those requirements, and if applicable, a statement of deviations and exceptions to the provisions of Section V, Schedule ofRequirements. 18.3 Standardsforworkmanship,process,material,andequipment,aswellas references to brand names or catalogue numbers specified by the Purchaser in the Section V, Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser‟s satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in Section V, Schedule ofRequirements.
19. Documents	19.1 The documentary evidence of the Bidder‟s qualifications to perform the

Establishing the Qualifications of the Bidder	contract, if its bid is accepted, shall establish to the Purchaser"s satisfaction that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria. 19.2 If so ***required in the BDS***, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer"s Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Nepal and take care of the warranty provided. 19.3 If so ***required in the BDS***, a Bidder that does not conduct business within Nepal shall submit evidence that it will be represented by an Agent in Nepal equipped and able to carry out the Supplier"s maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications. 19.4 A foreign Bidder wishing to have or already having a local agent shall state the following: a. Name and address of the Agent/Representative, b. The Agent/Representative providing type of services, c. Amount of commission if the Agent/Representative is entitled to get such payment and if it participates in the procedure of payment, d. Other agreement with Agent/Representative, if any, e. Bidder shall certify in the Letter of Authorization as follows: "We certify that the statement and disclosure made by us on the above are complete and true to the best of our knowledge and belief", 19.5 If a foreign Bidder in its Bid, has not provided the information mentioned in ITB 19.4 or has submitted its bid stating that the Bidder does not have a local agent and later it is proved that the bidder has a local agent or it is proved that the commission mentioned in the Bid is less than the commission received by the local agent then the Purchaser shall initiate proceedings to blacklist such bidder in accordance with ITB 3.3.
20. Period of Validity of Bids	20.1 Bid shall remain valid for a period ***specified in the BDS*** after the bid submission deadline date prescribed by the purchaser. A bid valid for a shorter period shall be rejected by the purchaser as non responsive. 20.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in

	writing. If a Bid Security is requested in accordance with ITB 21, it shallalsobeextendedforacorrespondingperiod.ABidder mayrefuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bidand toincludeanyadditionalconditionsagainsttheprovisionsspecifiedinBidDocuments.
21. Bid Security	21.1 The Bidder shall furnish as part of its bid, in original form a Bid Security as ***specified in theBDS***. 21.2 If a bid security is specified pursuant to ITB 21.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder‟s option: (a) original copy of an unconditional bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Lawor; (b) original copy of cash deposit voucher in the **Purchaser** 's Account as ***specified inBDS***. In case of a bank guarantee, the Bid Security shall be submitted using the Bid Security Form included in Section IV, Bidding Forms. The form must include the complete name of the Bidder. The Bid Security shall be valid for minimum thirty (30) days beyond the end of the validity period of the bid. This shall also apply if the period for bid validity is extended. The bid security issued by any foreign Bank outside Nepal must be counter guaranteed by anCommercial Bank or Financial Institutioneligible to issue Bank Guarantee as per prevailing Law in Nepal. 21.3 If a bid Security is required in accordance with ITB 21.1, any Bid not accompanied by an enforceable and compliant Bid Security in accordance with ITB 21.2, shall be rejected by the Purchaser as nonresponsive. In case of e- Submission, if the scanned copy of an acceptable bid security letter is not uploaded with the electronic bid then bid shall berejected. 21.4 If a Bid Security is specified pursuant to ITB 21.1, the Bid Security of unsuccessful Bidders shall be returned within three (3) days upon the successful Bidder furnishing of the signed Contract Agreement and the Performance Security pursuant to ITB42. 21.5 If a Bid Security is specified pursuant to ITB 21.1, the Bid Security of

	the successful Bidder shall be returned as promptly as possibleonce

	the successful Bidder has signed the Contract Agreement and furnished the required Performance Security. 21.6 The Bid Security may be forfeited: (a) a Bidder requests for withdrawal or modification of its bid, except as provided in ITB20.2 (i) during the period of bid validity specified by the Bidder on the Letter ofBid,incaseofelectronicsubmission; (ii)fromtheperiodtwenty-fourhourspriortobidsubmissiondeadlineup to the period of bid validity specified by the Bidder on the Letter of Bid, in case of hard copysubmission. (b) a Bidder changes the prices or substance of the bid while providing information pursuant to clause29.1; (c) a Bidder involves in fraud and corruption pursuant to clause3.1; (d) the successful Bidder failsto: (i) furnish a performance security in accordance with ITB41.1; (ii) sign the Contract in accordance with ITB 42.1;or (iii) acceptthe correction of arithmetical errors pursuant to clause 33. 21.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned in ITB 17.1 (b).
22. Format and Signing of Bid	22.1 The Bidder shall prepare bid as described in ITB 12 and shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as ***specified in the BDS*** and shall be attached to theBid. 22.2 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the personsigning the Bid.

D. Submission and Opening ofBids

23. Sealing and Marking of	23.1 Unless otherwise specified in BDS, Bidders shall submit theirbids by electronic or by mail/ by hand/ by courier. Bidders submitting bids electronically shall follow the electronic bid submissionprocedures

Bids	***specified in the BDS***. 23.2 Bidders submitting bids by mail or by hand or by courier shall enclose the original and each copy of the Bid, including alternative bids, if permitted in accordance with ITB 14, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY." These envelopes containing the original and the copies shall thenbeenclosedinonesingleenvelope.Therestoftheprocedureshall be in accordance with ITB 23.2.1 and23.2.2. 23.2.1 The inner and outer envelopesshall: (a) bear the name and address of theBidder; (b) beaddressedtothePurchaserinaccordancewithITB23.1;and (c) bear a warning "NOT TO OPEN BEFORE THE TIME AND DATE FOR BID OPENING". 23.2.2 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of thebid.
24. Deadline for Submission of Bids	24.1 Bids must be received by the Purchaser at the address and no later than the date and time ***indicated in the BDS***. In case of e-submission, the standardtimefore-submissionisNepalStandardTimeassetoutinthe server. The e-procurement system will accept the e-submission of bid from the date of publishing of notice and will automatically not allow the e-submission of bid after the deadline for submission ofbid. 24.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB 9, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline asextended.
25. Late Bids	25.1 The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 24. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.
26. Withdrawal, or Modification of Bids	26.1 A bidder may withdraw, or modify its bid after it has been submitted either in hard copy or by e-Submission. Procedures for withdrawal or modification of submitted bids are asfollows: (i) Bids submitted in hardCopy a) Bidders may withdraw or modify its bids by sending a written notice ina sealedenvelope,dulysignedbyanauthorizedrepresentative,and

	shall include a copy of the authorization in accordance with ITB 20.2 before 24 hours prior to the last deadline of submission of bid. The corresponding modification of the bid must accompany the respective written notice. All notices must be: (aa) prepared and submitted in accordance with ITB 20 and ITB 21,and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL", "MODIFICATION;" and (bb) received by the Purchaser 24 hours prior to the deadline prescribed for submission of bids, in accordance with ITB 24. ii) E-submitted bids. 26.1 a) Bidder may submit modification or withdrawal prior to the deadline prescribed for submission of bids through e-GP system by using the forms and instructions provided by the system. Once a Bid is withdrawn, bidder shall not able to submit another bid for the samebid. 26.2 Bids requested to be withdrawn in accordance with ITB 26.1 (i) shall be returned unopened to the Bidders after the end of bid opening process. 26.3 In case of bids submitted in hard copy no bid shall be withdrawn or modified in the interval between 24 hours prior time of the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Bid or any extensionthereof. In case of e-submitted bids no bids shall be withdrawn or modified in the interval between deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the bid submission form or any extension there of. 26.4 Except in case of any modification or correction in bid document made by procuring entity, Bidder may submit request for withdrawal or modification only onetime. 26.5 Incaseofhardcopybid,nobidmaybewithdrawnifthebidhasalready been modified; except in case of any modification or correction in biddocument by procuring entity.
27.Bid Opening	27.1 The Purchaser"s bid opening committee shall conduct the bid opening in public in the presence of bidder or its representative who choose to attend at the address, date and time ***specified in the BDS***. The opening committee shall download the e-submitted bid files. The e-procurement system allows the Purchaser to download the e-submitted bid files (report) only after bid opening date and time after login simultaneously by two members of the Bid opening committee. Electronically submitted bid shall be opened at first in the same time anddateas***specifiedabove***.ElectronicBidsshallbeopenedonebyone

	and read out. The e-submitted bids must be readable through open standards interfaces. Unreadable and or partially submitted bid files shall be considered incomplete. 27.2 Before opening the bids the **opening committee** shall separate the envelopes of the bids received after the deadline of bid submission, the envelopes containing an application given for WITHDRAWAL, MODIFICATION of bids and the envelopes of bids duly registered. The bids received after the deadline of submission shall be returned to the concerned bidder unopened. Then envelopes marked "WITHDRAWAL" shall be opened first, read out, and recorded, and the envelope containing the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal notice is not accompanied by a copy of the valid authorization pursuant to ITB 22.2, the withdrawal shall not be permitted and the corresponding Bid will be opened. Envelopes marked "MODIFICATION" shall be opened, read out, and recorded with the corresponding Bid. No Bid shall be modified unless thecorrespondingModificationNoticecontainsavalidauthorizationto request the modification and is read out and recorded at bid opening. Only envelopes that are opened, read out, and recorded at bid opening shall be consideredfurther. 27.3 All other envelopes shall be opened one at a time, and the following read out and recorded: the name of the Bidder and whether there is a modification; the Bid Prices (per lot if applicable), any discounts and alternative offers; the presence of a Bid Security, if required; if there is discrepancy between figure and words, description of such discrepancy; whether the bid form is signed by the bidder or his agent; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out and recorded at bid opening shall be considered for evaluation. No Bid shall be rejected at bid opening except for late bids, in accordance with ITB25.1. 27.4 The **opening committee** shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; the Bid Price, per lot if applicable, any discounts and alternative offers if they were permitted; and the presence or absence of a Bid Security. The Bidders" representatives whoarepresentshallberequestedtosigntherecord.Theomissionofa Bidder"s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidderswhosubmittedbidsintime,andpostedonlinewhen electronic biddingispermitted.TheBidders"representativeswhoarepresentshall also be requested to sign an attendancesheet.

E. Evaluation and Comparison ofBids

28.Confidentiality	28.1 Information relating to the examination, evaluation, comparison, and post-qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until publication of the Contract award; thereafter,informationwillbedisclosedinaccordancewithITB40.1. 28.2 AnyattemptbyaBiddertoinfluencethePurchaserintheexamination, evaluation, comparison, and post-qualification of the Bids or Contract award decisions may result in the rejection of itsBid. 28.3 Notwithstanding ITB 28.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so inwriting.
29.Clarification of Bids	29.1 To assist in the examination, evaluation, comparison and post-qualification of the Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder with regard to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser‟s request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the Bids, in accordance with ITB 33.
30.Deviations, Reservations, and Omissions	30.1 During the evaluation of bids, the following definitionsapply: (a) “Deviation” is a departure from the requirements specified inthe BiddingDocument; (b) “Reservation” is the setting of limiting conditions orwithholding from complete acceptance of the requirements specified in the Bidding Document;and (c) “Omission” is the failure to submit part or all of the information or documentation required in the BiddingDocument.
31.Determination of Responsiveness	31.1 The Purchaser‟s determination of the responsiveness of a Bid is to be basedonthecontentsoftheBiditself,asdefinedinITB12. 31.2 A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is onethat,

	(d) if accepted,would: (i) affect inany substantial way the scope, quality, or performance of the Goods and Related Services specified in SectionV, Schedule of Requirements; or (ii) limits in any substantial way, inconsistent with the Bidding Document, the Purchaser‟s rights or the Bidder‟s obligations under the proposed Contract;or (e) if rectified, would unfairly affect thecompetitive position of other Bidders presenting substantially responsivebids. 31.3 The Purchaser shall examine the technical aspects of the bid in particular, to confirm that all requirements of Section V, Schedule of Requirements have been met without any material deviation or reservation. 31.4 InCase,acorruptioncaseisbeingfiledtoCourtagainsttheNaturalPersonorBoardofDirectorofthefirm/institution/companyoranypartnerofJV, such Natural Person or Board of Director of the firm/institution/company or any partner of JV such bidder‟sbid shall be excluded from the evaluation,ifpublicentityreceivesinstructionfromGovernmentofNepal.
32.Non-material Non-conformities	32.1 The Purchaser may regard a Bid as responsive even if it contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirement set forth in the BiddingDocumentorifitcontainserrorsoroversightsthatarecapable of being corrected without affecting the substance of theBid. 32.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify non-material non-conformities or omissions in the Bid related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of itsBid. 32.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify non-material non-conformities or omissions. To this effect, the BidPriceshallbeadjusted,forcomparisonpurposesonly,toreflectthe price of the missing or non-conforming item or component. The adjustment shall be made using the method indicated in Section III, Evaluation and QualificationCriteria.

	32.4 If small differences are found such as in technical specification, description, feature which does not make the bid to be rejected, then the cost, which is calculated to the extent possible due to such differences, shall be included while evaluatingbid. 32.5 If the value is found fifteen percent more than the quoted amount of the bidder on account of small differences pursuant to ITB 32.4, such bid shall be considered irresponsive in substance and shall not be considered forevaluation.
33.Correction of Arithmetical Errors	33.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the followingbasis: a) ifthereisadiscrepancybetweentheunitpriceandthetotalpricethat is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimalpointintheunitprice,inwhichcasethetotalpriceasquoted shallgovernandtheunitpriceshallbecorrected; b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected;and c) if there is a discrepancy between words and figures, the amount in wordsshallprevail,unlesstheamountexpressedinwordsisrelated to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b)above. 33.2 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be rejected and the bid security shall be forfiteed.
34. Goods manufactured in Nepal to be procured	34.1 If the price of goods manufactured in Nepal, are higher up to fifteen percent than that of manufactured in foreign countries, the goods manufacturedinNepalshallbepreferedintheevaluationoftheBids. 34.2 forgranting such preference pursuant to 34.1, the bidder must submit the country of origin issued by competent authority stating that the value added of the goods in Nepal is more that 30percent. 34.3 In case of granting preference, the bid shall be compared (for bid comparison only) by adding an amount equal to 15 percent of the bid price of the such Goods manufactured in Nepal to the bid price of Goods manufacture outside Nepal and lowest evaluated bid shall be determined.
35.Evaluation	35.1 The Purchaser shall evaluate and compare each Bid that has been

and Comparison of Bids	determined, up to this stage of the evaluation, to be substantially responsive. 35.2 To evaluate a Bid, the Purchaser shall only use all the criteria and methodologiesdefinedinthisClauseandinSectionIII,Evaluationand Qualification Criteria. No other criteria or methodology shall be permitted. 35.3InCase,acorruptioncaseisbeingfiledtoCourtagainstthe NaturalPersonorBoardofDirectorofthefirm/institution/companyoranypartnerofJV, suchNaturalPersonorBoardofDirector ofthefirm/institution/company or any partner of JV such bidder"sbid shall be excluded from the evaluation,ifpublicentityreceivesinstructionfromGovernmentofNepal.
36.Post-qualification of the Bidder	36.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive Bid is qualified to perform theContract satisfactorily. 36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder"s qualifications submitted by the Bidder, pursuant to ITB19. 36.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed tothenextlowestevaluatedbidtomakeasimilardeterminationofthat Bidder"s capabilities to perform satisfactorily.
37.Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	37.1 The Purchaser reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.

F. Award of Contract

38.Award Criteria	38.1 The Purchaser shall select to award the Contract to the Bidder whose offer has been determined to be the lowest evaluated Bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
39.Purchaser's Right to Vary Quantities at Time of	39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided thisdoesnotexceedthepercentages***indicatedintheBDS***,andwithout

Award	any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.
40.Notification of Intention to Award	40.1 The Purchaser shall notify the concerned Bidder whose bid has been selected in accordance with ITB 38.1 within seven days of the selection of the bid, in writing that the Purchaser has intention to accept his/her bid and shall Inform via the Letter of Intention included in the Contract Forms and the information of name, address and amount of selected bidder shall be given to all other bidders who submitted thebid. 40.2 IfnobiddersubmitsanapplicationpursuanttoITB43.1withinaperiodof seven days of providing the notice under ITB 40.1 the Purchaser shall accept the bid selected in accordance with ITB 38.1 prior to the expiry of bid validity period, and notification of award shall be communicated to thebiddertofurnishtheperformancesecurityandsignthecontractwithin fifteendays. 40.3 In Case, a corruption case is being filed to Court against the NaturalPerson or Board of Director of the firm/institution /company or any partner of JV, such Natural Person or Board of Director of the firm/institution/companyoranypartnerofJVsuchbidder"sbidshallbe excluded from the evaluation, if public entity receives instruction fromGovernment ofNepal.
41.**Performance Security**	41.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in accordancewiththeGCC,usingforthatpurposethePerformanceSecurityForm included in Section VIII, Contract Forms, or another form acceptable to the Purchaser. i) If bid price of the bidder selected for acceptance is up to 15 (fifteen) percent less than the approved cost estimate, the performance security amountshallbe5(five)percentofthebidprice. ii) For the bid price of the bidder selected for acceptance is more than 15 (fifteen) percent below of the cost estimate, the performance security amount shall be determined asfollows: **Performance Security Amount = [(0.85 x Cost Estimate –Bid Price) x 0.5] + 5% of Bid Price.** The Bid Price and Cost Estimate shall be exclusive of Value Added Tax.
	41.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture ofthe Bid Security and black listing. In that event the Purchaser may award

	the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.
42. Signing of Contract	42.1 The successful Bidder shall sign the contract in the form included in section VIII after the submission of performance security in accordance with ITB41. 42.2 At the same time, the Purchaser shall also notify all other Bidders of the results of the bidding, and shall publish in an English/Nepali language newspaper or well-known and freely accessible website the results identifying the bid and lot numbers and the following information: (i) name of each Bidder who submitted a Bid; (ii) bid prices as read out at Bid Opening; (iii) name and evaluated prices of each Bid; (iv) name of bidderswhosebidswererejectedandthereasonsfortheirrejection;and (v) name of the winning Bidder, and the Price it offered, as well as the duration and summary scope of the Contract awarded.
43.Complaint and Review	43.1 If a Bidder dissatisfies with the Procurement proceedings or the decision made by the Purchaser in the intention to award the Contract, it may file an application to the Chief of the concerning Public Entity of the Purchaser within seven (7) days of having, receipt of such notice or decision making, for review of the proceedings stating the factual and legal grounds. 43.2 An application filed after the deadline pursuant ITB 43.1 shall not be processed. 43.3 The chief of Public Entity of the Purchaser shall, within five (5) days afterreceivingtheapplication, giveitsdecisionwithreasons,inwriting pursuant to ITB43.1: (a) whether to suspend the procurement proceeding and the procedure for further proceedings to be adopted;or (b) whether or not to reject a application. No application can be submitted before the Review Committee for review against the decision made by the chief of the Public Entity for the Bid amount up to the value ***as stated in BDS***. 43.4 If the Bidder is not satisfied with the decision of the Public Entity in accordance with ITB 43.3, or the decision by the Public Entity is not given within five (5) days of receipt of application pursuant to ITB 43.1, it can, within seven (7) days of receipt of such decision, filean application to the Review Committee of the GoN, stating the reason of its disagreement on the decision of the chief of Public Entityand

	furnishing the relevant documents, provided that its Bid amount is abovetheamountasstatedinITB43.3.Theapplicationmaybesentby hand, or by post, or by courier, or by electronic media at the risk of the Bidderitself. 43.5 Late application filed after the deadline pursuant to ITB 43.4 shall not beprocessed. 43.6 Within three (3) days of the receipt of application from the Bidder, pursuant to ITB 43.4, the Review Committee shall notify the concerning Public Entity of the Purchaser to furnish its procurement proceedings and comments on the issue, pursuant to ITB43.3. 43.7 Within three (3) days of receipt of the notification pursuant to ITB 43.6, the Public Entity shall furnish the copy of the related documents along with its comment or reaction of complaint to the Review Committee. 43.8 The Review Committee, after inquiring from the Bidder and the Public Entity, if needed, shall give its decision within one (1) month after receiving the application filed by the Bidder, pursuant toITB 43.4. 43.9 The Bidder, filing application pursuant to ITB 43.4, shall have to furnish a cash amount or Bank guarantee ***as stated in BDS*** with the validity period of at least ninety (90) days from the date of the filing of application pursuant to ITB 43.4. Application filed without furnishing the security deposit shall not beprocessed. 43.10 If the claim made by the Bidder pursuant to ITB 43.4 is justified, the Review Committee shall have to return the security deposit to the applicant,pursuanttoITB43.9,withinseven(7)daysofsuchdecision made. 43.11 If the claim made by the Bidder pursuant to ITB 43.4 is rejected bythe Review Committee, the security deposit submitted by the Bidder pursuant to ITB 43.9 shall beforfeited.
44. Publication of contract award notice	44.1 Within three days of contract signing, the Public Entity shall publish a noticeonthecontractawardwithfollowinginformation:initsnoticeboard as well as shall manage to publish the notice on the notice board of ***District Coordination Committee, District Administration Office, Provincial Treasury and Controller Office and DistrictTreasury and Controller Office.***, Such notice shall also be posted in its website and PPMO"swebsite. a. name of theprocurement,

	b. IFBnumber, c. dateandnameofnewspaperpublishedtheIFBnotice, d. nameofthesuccessfulBidder,andthecontractprice. 44.2ThePurchasershallpromptlyrespondinwritingtoanyunsuccessfulBidder who, within thirty days from the date of publication of contract award notice in accordance with ITB 44.1, requests in writing the grounds on which its bid was notselected.
45.Provision of PPA and PPR	45.1 If any provision of this document are inconsistent with Public Procurement Act (PPA), 2063 or Public Procurement Regulations (PPR), 2064, the provision of this documents shall be void to the extent of such inconsistency and the provision of PPA and PPR shall prevail.

SectionII. Bid DataSheet

A. Introduction	
ITB 1.1	Name of the Purchaser***:*** **Province Health Logistic Management Centre, Province 2, Janakpurdham, Dhanusha.**
ITB 1.1	Name and Identification number of the Contracts: **P2/PHLMC/G/Covid-19/CR.1/2076/077 ,Procurement of ICU equipment and COVID Related Medical equipment**
ITB 2.1	Source of Fund: **Covid-19 Provincial *GoN Funded***
ITB 4.1	Bidders from the following countries are not eligible: **Not applicable**
ITB 4.9	The foreign Bidder at the time of bid submission: ▪ Resident foreign bidder shall submit PAN/VAT certificate and tax clearance certificate at the time of bid submission. ▪ Declaration of a local agent and commissions to be paid to the local agent at the time of contractsign
ITB 5.1	Goods and related services to be supplied from following countries are not eligible: ***"Not Applicable"***
B. Bidding Document	
ITB 8.1	For **clarification purposes** only, the Purchaser‟s address is: Attention: **The Director** Name of the Purchaser: **Province Health Logistic Management Center(PHLMC), Province 2, Janakpurdham,Dhanusha.** City/Town:- Janakpur District: - Dhanusha Country: - Nepal Mobile no. :- 9851196957 Facsimile Number:- Electronic Mail Address:- phlmc.province2@gmail.com
ITB 8.2	Pre-Bid meeting ***"shall not"*** be organized.
C. Preparation of Bids	
ITB 11.1	The language of the Bid is: English
ITB 12.1 (h)	The Bidder shall submit the following additional documents with its Bid:

	For Nepali Bidders: 1. Up to date Firm/Company RegistrationCertificate 2. Tax clearance certificate for FY2075/076 3. VAT/PAN registrationcertificate
ITB 14.1	Alternative Bids ***are not*** permitted
ITB 15.3	**The prices quoted by the Bidder shall : *not be Adjustable***
ITB 17.1 (c)	The Bidders shall submit: **(i) Copy of Firm/ Company RegistrationCertificate** **(ii) Copy of VAT and PAN RegistrationCertificate,** **(iii) Tax Clearance Certificate of fiscal year 2073-74, FY 2074-75, 2076-77** **(iv)** Renewd USA FDA approved CERTIFICATE **(v)** Evidential document to Substantiate the eligibility, qualification and complete of Technical Specifications (original Product Datasheet/ Technical Catalogues and relevant document to support thetechnical specification.
ITB 19.2	A Manufacturer's Authorization letter is required for all the items listed inSection V Schedule of Requirements.
ITB 19.3	The Bidder ***is*** required to include with its bid, evidence that it will be represented by an Agent in Nepal.
ITB 20.1	The bid validity period shall be ***insert 120*** days.
ITB 21.1	The bid must be accompanied by bid security, amounting to a ***minimum for*** ***Package 1 : N.Rs54,00,000.00*** ***Package 2 : N.Rs 11,00,000.00*** ***Package 3: N.Rs*** 30,00,000.00 which shall be ***valid for minimum 30 days*** beyond the bid validity period
ITB 21.2	If the Bidder wishes to submit the Bid Security in the form of cash, the cash should be deposited in Deposit Account No.: 1220502000000 at RastriyaBanijya Bank, Janakpur, Dhanusha and submit the receipt of the deposited amount of cash along with the bid.
ITB 22.1	The written confirmation of Authorization to sign on behalf of the Bidder shall consist of: Power of Attorney to sign the bid
D. Submission and Opening of Bids	
ITB 23.1	Bidders shall have the option of submitting their bids **"By Hard Copy Only"**

ITB 24.1	For bid submission purposes only, the Purchaser"s address is: **Province Health Logistic Management Center, Province 2, Janakpurdham, Dhanusha.**
ITB 24.1	The deadline for bid submission is: Date:- 26**th June 2020 Time: 12:00 Hours**
ITB 24.1	If the last date of purchasing, submission and opening of Bid falls on a governmentholidaythenthenextworkingdayshallbeconsideredasthelastday without any change in the time and place asfixed.
ITB 27.1	The bid opening shall take place at: Date: 26**th June 2020** Time:- 02:00 PM (14:00 Hours) Place:- **Province Health Logistic Management Center, Province 2, Janakpurdham,Dhanusha**
ITB 27.1	If electronic bid submission is permitted in accordance with ITB 23.1, the specific bid opening procedures shall be:NA
E. Evaluation and Comparison of Bids	
F. Award of Contract	
ITB 39.1	The maximum percentage by which quantities may be increased / Decreased is: As per Tender Notice and decision of PHLMC
ITB 40.1 and 40.2	The Clauses have been suspended and changed as follows: **The Purchaser shall notify the Concerned Bidder whose bid has been selected in accordance with ITB 38.1 immediately as the selection ofthe bid, in writing that the Purchaser has accepted his/her bid and shall inform the Notification of Award via the Letter of Acceptance included in the Contract Forms and the information of name, address and amount of selected bidder shall be given to all other bidders who submitted thebid.** **The notificaitons to the bidder shall be to furnish the performance security and sign the contract within 3 days**
ITB 41.1	The caluse has been suspended and changed as follows: **Within 3 days of the receipt of notification of award from the Purchaser,the successful Bidder shall furnish the Performance Security of the bid price accepted for award, using for that purpose the Performance Security Form included in Section VII, Contract Forms, or another form acceptance to the Purchaser.**

ITB 43.3	No application can be submitted before the Review Committee for review against the decision made by the chief of the Public Entity for the bid amount less than the value of Twenty Million (NRs. 20,000,000)
ITB 43.9	The bidder,filling application pursuant to ITB 43.4,shall have to furnih a cashamount ot Bank guarantee equal to 1 % of its bid price

SectionII. Evaluation and QualificationCriteria

Evaluation Criteria

Criteria for Bid evaluation are to be determined case by case basis. Select as appropriate from criteria listed in ITB 35.2. Retain only the evaluation method to apply and the relevant parameters in ITB 35.2 corresponding to the retained criteria.

a) Deliveryschedule : Relevant parameters of delivery: As specified in delivery and completion schedule

b) Deviation in payment schedule: is not permitted.

c) Spare parts and after sales service facilities NA

d) Saparately Catalogue of all items must be submitted.

e) All items of Package 1(One) Must be USA FDA Approved and All Items of Package 3(Three) Must be USA FDA Approved Except Glucometer and Oxygen Concentrator.

Qualification Criteria

[The Procuring Entity may specify [if required] any or all Qualification Requirements taking into consideration of the nature, value and complexity of the Goods to be procured. Some of the examples are as follows:

f) Bidder's average annual turnover over the past three years shall be at equal the quoted and evaluated value. The bidder shall demonstrate compliance with this requirement through submission of Tax Clearance Certificate for the FY 2073-74, FY 2074-75 and FY2075-76.

g) Bidder shall provide documentary evidence demonstrating that it has at least two years of experience of supply of various items .

h) Saparately Catalogue of all items must be submitted

i) All items of Package 1(One) Must be USA FDA Approved and All Items of Package 3(Three) Must be USA FDA Approved Except Glucometer and Oxygen Concentrator.

SectionIV. BiddingForms
Table of Forms

1. Bid SubmissionForm

(The Bidder shall accomplish the Bid Submission Form in its Letter Head Clearly showing the Bidders Complete name and address)

Date: _____

ContractNo.: _____

Invitation for BidNo.: _____

To: _____

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Document, including Addenda No.: _____;

(b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the Schedule of Requirements, the following Goods and RelatedServices: _____ _____;

(c) ThetotalpriceofourBid,excludinganydiscountsofferedinitem(d)belowis: _____ _____;

(d) Thediscountsofferedandthemethodologyfortheirapplicationare: _____ _____ _____ _____;

(e) Our Bid shall be valid for a period of ….. [***Insert 90 or 120***] days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain bindinguponusandmaybeacceptedatanytimebeforetheexpirationofthatperiod;

(f) If our Bid is accepted, we commit to obtain a Performance Security in the amount as specified in ITB 41 for the due performance of theContract;

(g) Wearenotparticipating,asBidders,in morethanoneBidinthisbiddingprocess,otherthan alternative offers in accordance with the BiddingDocument;

(h) The following commissions, gratuities, or fees, if any, have been paid or are to be paid with

respect to the bidding process or execution of theContract:

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

(i) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared andexecuted.

(j) Weunderstandthatyou arenotboundto acceptthelowestevaluatedbidoranyotherbidthat you mayreceive.

(k) We declare that, we have not been black listed as per ITB 3.4 and no conflict of interest in the proposed procurement proceedings and we have not been punished for an offense relating to the concerned profession orbusiness.

(l) We agree to permit GoN/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by theGoN/DP.

Name_____

In thecapacityof

_____

Signed_____

DulyauthorizedtosigntheBidforandonbehalfof

_____

Date_____

2. Bidder's Information Form

[The Bidder shall fill in this Form. No alterations to its format shall be permitted and no substitutions shall be accepted. In case of joint venture, each partner shall fill the information in separate form.]

Date..... *[insertdate(asday,monthandyear)ofBidSubmission*]

Page_____of _____ pages

1.	Bidder"s Legal Name	
2	Bidder"s Address:	
3	Bidder"s Country of Registration:	
4.	Bidder"s Year of Registration:	
5.	Bidder"s Legal Address in Country of Registration	
6.	Bidder"s Authorized Representative Information: …..Name: Address: Telephone/Fax numbers: Email Address	
7	Bidder"s Telephone/Fax numbers:	
8	Bidder"s Email Address:	

3. Joint Venture InformationForm

Lead Partner	Name of the Lead Partner in JointVenture: Place of FirmRegistration: Place of Business Registration: Percentage ofPartnership:	
Partner	Name of the Partner inJointVenture:Place ofFirmRegistration:Place of BusinessRegistration: Percentage ofPartnership:	
Partner	Name of the Partner inJointVenture:Place ofFirmRegistration:Place of BusinessRegistration: Percentage ofPartnership:	
	Name of the partner authorized to signthe Bid:	

4. Financial SituationForm

Financial Data for Previous 3 Years (in NRs)		
Year 1:	**Year 2:**	**Year 3:**

Information from Balance Sheet

Total Assets			
Total Liabilities			
Net Worth			
Current Assets			
Current Liabilities			

Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

❑ Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three or above years, as indicated above, complying with the following conditions?

- Historic financial statements must be audited by a certifiedaccountant.
- Historic financial statements must be complete, including all notes to the financialstatements.
- Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested oraccepted).

5. Average Annual TurnoverForm

The information supplied should be the Annual Turnover of the Bidder in terms of the amounts billed to clients for each year for work in progress or completed to NRs at the end of the period reported.

Annual Turnover Data for the Last …… Years	
Year	**Amount (inNRs)**
Average Annual Turnover	

6. Financial ResourcesForm

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, available to meet the total cash flow requirements of the subject contract

Financial Resources		
No.	**Source of financing**	**Amount (in NRS)**
1		
2		
3		

Note : If Bidder's proposed source of financing is Line of Credits, the letter from the Bank must be in the prescribed format and stated details/terms and conditions as per the Bid Forms "Letter of Commitment for Bank's Undertaking for Line ofCredit"

Special Notes

1) **While setting the Qualification Criteria of Supplier, Public entity may specify the requirement of current assets of supplier as per the nature of machines and accessories.**
2) **Public entity shall consider either cash or overdraft or line of credit facilities as option as per the nature of Machines to be supplied, if needed.**
3) **In case, if line of credit is required for qualification purpose to demonstrate the current assets of supplier, supplier shall furnish the line of credit in attached format.**

7. Pending Litigation Form

Each Bidder or member of a JV must fill in this form

Year	Matter in Dispute	Value of Pending Claim in NRs	Value of Pending Claim as a Percentage of Net Worth

8. Specific Experience Form

Bidder"s Legal Name: _____ Date: _____ IFBNo.:

Page_____of _____pages

Similar Contract	**Information**		
Contract Identification	_____		
Award date Completion date	_____ _____		
Total Contract amount	_____		Currency____
Description of the contract performed by the Bidder			
If partner in a JV or subcontractor, specify participation of total Contract amount	_____%	_____	Currency____
Purchaser"s Name:	_____		
Purchaser"s Address:			
Purchaser"s Telephone/fax number: Purchaser"s E-mail:	_____ _____ _____ _____		

The Bidder shall complete this form for each contract completed/in progress.

Price Schedule For Goods

Package -1

Name of Bidder _____ Invitation for Bid No.:_____

Item	Description	Country of Origin	Quantity	Unit	Unit price[1] (in NRs)		Total price (in NRs) (cols. 4x5)
					In Figure	In Words	
1	2	3	4		5		4x5=6
1	Ventilator		30	pcs			
2	Patient Monitor		150	pcs			
3	Central Monitor System		9	pcs			
4	Defibrillator		10	pcs			
5	ECG 12 Lead Machine		15	pcs			
6	Infusion Pump		150	pcs			
7	Syringe Pump		150	pcs			
						Total	
						VAT	
						Grand Total	

Name_____

In thecapacityof

_____

Signed_____

Duly authorized to sign the Bid for and on behalf of

_____

Date

[Tender to be quoted in package only and decision will be made on package only. All items must be USA FDA Approved.]

[1] The price shall include the cost of goods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading, and any other cost for (incidental) services, if any, related to the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier.

Price Schedule For Goods
Package -2

Name of Bidder _____ Invitation for Bid No.:_____

Item	Description	Country of Origin	Quantity	Unit	Unit price[1] (in NRs)		Total price (in NRs) (cols. 4x5)
					In Figure	In Words	
1	2	3	4		5		4x5=6
1	ICU Bed		150	pcs			
2	IV Stand		150	pcs			
3	Suction Machine		30	pcs			
4	Ambu Bag		100	pcs			
5	Nebulizer		50	pcs			
6	Medicine Trolley		50	pcs			
7	X-Ray View Box		15	pcs			
8	Autoclave		15	pcs			
9	Wheel chair		15	pcs			
10	Patient Trolley		40	pcs			
11	T Piece		100	pcs			
12	Rubber Face Mask		50	pcs			
13	Air Mattress		400	pcs			
14	Bain Circuit		100	pcs			
15	Needle Destroyer		30	pcs			
16	Guidel Air Ways		50	pcs			
17	Weighing Machine		25	pcs			
						Total	
						VAT	
						Grand Total	

Name

_____

In thecapacityof

Signed

DulyauthorizedtosigntheBidforandonbehalfof

Date

[Tender to be quoted in package only and decision will be made on package only.]

[1] The price shall include the cost of goods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading, and any other cost for (incidental) services, if any, related to the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier.

Price Schedule For Goods
Package -3

Name of Bidder _____ Invitation for Bid No.:_____

Item	Description	Country of Origin	Quantity	Unit	Unit price[1] (in NRs)		Total price (in NRs) (cols. 4x5)
					In Figure	In Words	
1	2	3	4		5		4x5=6
1	USG Portable		15	pcs			
2	ABG Machine		15	pcs			
3	Video Laryngoscope		10	pcs			
4	Fiber Optic Bronchoscope		10	pcs			
5	Glucometer		20	pcs			
6	Blood Warmer		40	pcs			
7	Bi PAP		50	pcs			
8	C PAP		50	pcs			
9	X-Ray Portable		15	pcs			
10	Pulse Oximeter		25	pcs			
11	Oxygen Concentrator		25	pcs			
12	Bed Side Locker		120	pcs			
						Total	
						VAT	
						Grand Total	

Name_____

In thecapacityof

_____

Signed_____

DulyauthorizedtosigntheBidforandonbehalfof

_____

Date

[Tender to be quoted in package only and decision will be made on package only. All Items Must be USA FDA Approved Except Glucometer and Oxygen Concentrator.]

_____

[1] The price shall include the cost of goods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading, and any other cost for (incidental) services, if any, related to the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier.

Bid Security

[ThisistheformatfortheBidSecuritytobeissuedontheletterheadbyaCommercialBankorFinancialInstitutioneligibletoissueBankGuaranteeasperprevailingLawspecifiedbyNepal RastraBank]

[insert Bank's Name, and Address of Issuing Branch or Office]

Date: ***[insert date]***

Beneficiary: ***[insert Name and Address of Purchaser]***

BID GUARANTEE No.: ***[insert number]***

Wehavebeeninformedthat ***[insertnameoftheBidder]***(hereinaftercalled "theBidder") intendsto submit its bid to you (hereinafter called "the Bid") for the execution of ***[insert name of contract]*** under Invitation for Bids No***. [insertIFB number****]* ("theIFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we ***[insert name of Bank]*** hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ***[insert amount in figures][insert amount in words]*** upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

(a) has withdrawn or modifies itsBid:

i) during the period of bid validity specified by the Bidder on the Letter of Bid, in case of electronicsubmission

(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Bid, in case of hard copy submission; or

(b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB");or

(c) changes the prices or substance of the bid while providing information pursuant to clause 29.1 of ITB;or

(d) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the performance security, in accordance with theITB.

(e) isinvolvedinfraudandcorruptioninaccordancewith theITB.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of

thecontractsigned bytheBidderandtheperformance securityissuedtoyou upontheinstruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt ofa

copy of your notification to the Bidder of the name of the successful Bidder; or (ii) thirty (30)days after the expiration of the Bidder‟s bid which comes to be ***[insert the date]***.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

Name_____

In thecapacityof

_____

Signed_____

DulyauthorizedtosigntheBidSecurityforandonbehalfof

_____

Date_____

Letter of Commitment for Bank's Undertakingfor Line of Credit

Bank's Name, and Address of Issuing Branch or

Office(OnLetterheadofthecommercialbankorFinancialInstitution)

Invitation for Bids No: Date:

Contract No:

Name of Contract :

To:

[*Name and address of the ProcuringEntity*]

CREDIT COMMITTMENT No: [*insert number*]

Wehavebeeninformedthat*[nameofBidder]*(hereinaftercalled"theBidder")intendsto submit toyou its Bid (hereinafter called "the Bid") for the execution of the Contract of ***[description of Contract]*** under the above Invitation for Bids (hereinafter called "the IFB").

Furthermore, we understand that, according to your conditions, the Bidder's FinancialCapacity i.e. Liquid Asset must be substantiated by a Letter of Commitment of Bank'sUndertaking for Line of Credit.

At the request of, and arrangement with, the Bidder, we *[name and address of the Bank]*do hereby agree and undertake that [*name and address of the Bidder*] will be provided byus with a revolving line of credit, in case awarded the Contract, for execution of theContractviz.[*insertnameoftheContract*],foranamountnotlessthanNRs…….[*infigure*](*in words*) for the sole purpose of the execution of the above Contract. This RevolvingLine of Credit will be maintained by us until ***[Insert "Initial Contract Period"]*** months by theProcuringEntity.

In witness whereof, authorised representative of the Bank has hereunto signed and sealed this Letter of Commitment.

Signature Signature

Manufacturer's Authorization Letter

[*This letter of authorisation should be on the letterhead of the manufacturer and should be signed by the person with the proper authority to sign documents that are binding on the manufacturer]*

Date:

IFBNo.:

To:

WHEREAS_____ who are official manufacturers of _____ having factories at___ _____do herebyauthorize _____ exclusively to submit a Bid in relation to theInvitation forBidsindicatedabove,thepurposeofwhichisexclusivelytoprovidethefollowing Goods, manufactured by us _____ _____ and to subsequently negotiateand sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm in reply to this Invitation for Bids.

Name

In the capacityo:

Signed

DulyauthorizedtosigntheAuthorizationforandonbehalfof

Date

Section V. Schedule of Requirements

Contents

List of Goods and Related Services

The purpose of the List of Goods and Related Services (LGRS) is to briefly describe and specifythequantitiesofeachoftheGoodsandRelatedServicesthatthePurchaserrequires the Bidder to include in its Bid. As a part of the SR, the LGRS constitutes a Contract documentand,therefore,itisapartoftheContract.ThePurchasermustpreparetheLGRS and include it as a part of theSR.

If the Goods and Related Services are grouped in lots, the Purchaser must state here whether Bidders are permitted to submit Bids for individual lots or not. For example:

The Goods and Related Services are in Packages.

Package No. :- Prcurements of PCR Machines and Accessories				
Item No.	**Name of Goods or Related Services**	**Description**	**Unit of Measurement**	**Quantity**
1	**As PER BOQ**	**As Specification Provided**	**As Per Delivery Schedule**	**As Per Delivery Schedule**

Delivery and Completion Schedule

Delivery shall take place in compliance with the dates, duration,and locations indicated below:

(I) in case of Delivery schedule is determined as evaluationcriteria

Line Item No	Description of Goods	Quantity	Physical unit	Final Destination	Delivery Date
1.	**2**	**3**	**4**	**5**	**6**
1	Package 1 Items	As Per BOQ	pcs	**Province Health Logistics Management Center , janakpurdham, Dhanusha**	**Within 7 days from the date of signing of the contract**
2	Package 2 items	As Per BOQ	pcs		
3	Package 3 items	As Per BOQ	pcs		

3. Technical Specifications

The purpose of the Technical Specifications (TS) is to define the technical characteristics of the Goods and Related Services required by the Purchaser. The TS, as a part of the schedule of Requirements (SR), constitute a Contract document and are, therefore, a part of the Contract. ThePurchasermustpreparetheTSandincludethemasa partoftheProcurementDocument, asapplicable to eachContract.

Technical Specifications

Package -1

1. Ventilator, ICU (Neonate to Adult)

S.N.	Purchaser's Specifications		Bidder's Compliance sheet		
	Ventilator, ICU (Neonate to Adult)		**Yes/ NO**	**Page No in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	ICU ventilator provides artificial respiratory support to the critical patients in the intensive care units.				
2	**Operational Requirements**				
2.1	Microprocessor Controlled ventilator with integrated facility for ventilation monitoring suitable for infant to adult ventilation.				
3	**System Configurations**				
3.1	ICU Ventilator should be Compressor/Turbine / Blower based system & can be used from new born to Adult patient, complete unit with all standard accessories.				
4	**Technical Specifications**				
4.1	It Should have Colour touch screen 8" or more.				
4.2	It Should have following Ventilation Mode: • Assist control (pressure control & volume control) • Continuous positive airway pressure • Pressure support ventilation • Spontaneous/timed ventilation • Synchronized intermittent mandatory ventilation (pressure control & volume control)				

S.N.	Purchaser's Specifications	Bidder's Compliance sheet		
	• Synchronized intermittent mandatory • AVAPS-AE • NIV /Mouthpiece ventilation (pressure control & volume control)			
4.3	It should have following Measured and displayed patient parameters: • Tidal volume: 0 to 2000 ml • Minute ventilation: 0 to 30 l/min • Leak: 0 to 200 l/min • Respiratory rate: 0 to 90 BPM • Peak inspiratory flow: 0 to 200 l/min • Peak inspiratory pressure: 0 to 90 cmH2O • Mean airway pressure: 0 to 90 cm H2O • Percentage spontaneous triggered breaths (% Spont Trig): 0 to 100% • I: E ratio: 9.9:1 to 1:9.9 • Dynamic compliance : 1 to 100 ml/cmH2O • Dynamic resistance: 5 to 200 cmH2O/l/sec • Dynamic plateau pressure : 0 to 90 cmH2O • Auto-PEEP: 0 to 20 cmH2O • FiO2with FiO2 sensor: 21% to 100% • SpO2with pulse oximeter accessory: 0 to 100% • Pulse rate with pulse oximeter accessory :18 to 321 beats per minute • EtCO2 with CO2 accessory: 0 to 150 mmHg			
4.4	It should have following control based • Average volume-assured pressure support with passive circuit: PSV, S/T, and AC-PC modes • Tidal volume: 35 - 2000 ml on Dual Limb and Active Flow circuits, 50 - 2000 ml on passive and active PAP circuits • Breath rate: 0 - 80 BPM • PEEP: 0 - 35 cm H20 for active circuits 3 - 25 cmH20 for passive circuits • EPAP/CPAP: 3 - 25 cmH20 • IPAP: 3 - 60 cmH20 • Pressure support/ pressure control: 0 - 60 cmH20 • Inspiratory time: 0.3 - 5.0s • Rise time: 0 - 6 • Triggering and cycling: Off, AutoTrak, Sensitive AutoTrak, and Flow Trigger • Flow trigger sensitivity: 0.5 - 9 l/min • Flow cycle sensitivity: 10% - 90% of peak flow • Flow pattern: Square, Ramp • FiO2: 21% - 100% • Inspiratory time min/max: 0.3 - 3.0 sec • Backup ventilation: ON - OFF			

S.N.	Purchaser's Specifications	Bidder's Compliance sheet		
4.5	It should have following alarm facilities: • Inspiratory Pressure: 1 - 90 cmH2O • Tidal Volume: OFF, 10 - 2000 ml • Minute Ventilation: OFF, 0.2 - 30 L/min • Respiratory Rate: OFF, 1 - 90 BPM • Circuit Disconnection: OFF, 5 - 60 sec • Apnea Interval: 5 - 60 sec • No trigger: OFF, 0.5 - 15 min.			
4.6	It should have Internal Li-ion batteries with good battery backup of approx 3 Hours for complete ventilator unit.			
4.7	It should have USB, RS 232C interface for communications with networked devices.			
4.8	Ventilator Should with OEM trolley and hanger to mount patient circuit			
4.9	Ventilator should be compatible to use all commonly used brands of disposable ventilator tubing's humidifier assemble disposable or reusable parts			
5	**Accessories, spares and consumables**			
5.1	Adult, Paediatric and Neonatal autoclaveable silicon breathing circuits: 02 set each			
5.2	Masks (Small, Medium, and Large): 02 set each.			
5.3	Humidifier: Servo controlled with digital monitoring of inspired gas temperature complete with heating wire: 01 no.			
5.4	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).			
6	**Operating Environment**			
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: 100V - 240V, 50/60 Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485 for Medical Devices			
7.2	CE and USFDA approved product certificate.			
7.3	Certified to be compliant with IEC 60601-1-1 Medical electrical equipment. Part 1-1: General requirements for safety. Collateral standard: Safety requirements for medical electrical systems			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			

S.N.	Purchaser's Specifications	Bidder's Compliance sheet		
10.1	During the warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
11	**Installation and Commissioning**			
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	Certificate of calibration and inspection from factory.			

NOTE:-Bidder must completely fill the Technical specification form (TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

2. Patient Monitor, 5- Parameters

S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet			
	Manufacturer	**Yes**	**No**	**Page No. in Catalogue**	**Remarks**
	Brand				
	Type / Model				
	Country of Origin				
1.	**Description of Function**				
1.1	Advance high end monitoring vital signs of all patient categories, at bedside, transportation applicable for Adult, Pediatric and neonatal application				
2.	**Operational Requirements**				
2.1	It shall operate on AC power supply as well as built-in battery.				
3.	**System Configuration**				
3.1	Should have ECG, SpO2, NIBP, Respiration and Temperature				
4	**Technical Specifications**				
4.1	Advanced High end ICU Monitor for Adult, Pediatric and neonatal application				
4.2	12" or more high resolution with navigation wheel.				
4.3	Should have facility to display ECG, SpO2, NIBP, Respiration and temperature simultaneously				
4.4	Monitor should show patient's Perfusion with spo2 measurement				

4.5	Monitor should have Temperature level to display				
4.6	Should display at least 12 waveforms of selected parameters simultaneously				
4.7	Monitor must have Lithium ion Battery. More than 3 hour battery backup.				
4.8	**Measurements range:**				
4.8.1	HR approximately 15 to 300bpm <3bpm>				
4.8.2	NIBP approximately 20 to 300mmHg (systolic) <1mmHg>				
4.8.3	SpO2 approximately 0 to 100% <1%>				
4.8.4	RR (ECG derived) approximately 15 to 300bpm <1bpm >				
4.8.5	Temperature approximately 0 to 50C <0.1C>				
4.8.6	NIBP oscillometric step deflation, manual/automatic, initial inflationpressure user selectable				
4.8.7	Must have Alarm limit display on main screen.				
4.8.8	Monitor must have Patient specific alarm default settings.				
4.8.9	Monitor should have 240 hours (10 days) of graphical and tabular trends and 48 hours of full disclosure.				
4.8.10	Must have Up to 8 hours of short trend display side by side with real time waveforms and numeric.				
4.8.11	Must have Up to 8 waveforms display.				
4.8.12	Shall have defibrillator sync and protection during defibrillation.				
4.8.13	Shall have pacemaker detection/rejection.				
4.8.14	Display shall have facility to report system errors, leads and sensors failure and built-in battery status.				
4.8.15	Autonomy of built-in rechargeable battery approximately 3 hours, automatic recharge when connected to mains.				
4.8.16	Automatic switch to batteries in case of power failure.				
5	**Accessories, spares and consumables**				
5.1	**Accessories:** All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer.				
6.0	**Operating Environment**				
6.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.				

6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug.				
7	**Standards and Safety Requirements**				
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 for medical devices AND				
7.2	CE (93/42 EEC Directives) and USFDA approved product certificate. Self declared CE certificate will no be accepted.				
7.3	Shall meet IEC-60601-1-2:2001 General Requirements of Safety for Electromagnetic Compatibility. Document evidence shall be submitted for evaluation				
8.0	**User Training**				
8.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.				
9.0	**Warranty**				
9.1	Comprehensive warranty of 2 years from the date of delivery and installation of the system				
9.2	Commitment letter from the manufacturer guaranteeing the availability of spare parts for the next 10 years.				
10.0	**Maintenance Service During Warranty Period**				
10.1	During the warranty period supplier must ensure corrective/ breakdown maintenance whenever required.				
11.0	**Installation and Commissioning**				
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.				
12	**Documentation**				
12.1	User (Operating) manual in English.				
12.2	Service (Technical / Maintenance) manual in English.				
12.3	Certificate of calibration and inspection from factory.				

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

3. Central Monitor

S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet		
	Manufacturer	**Yes/No**	**Page No. in Catalogue**	**Remarks**
	Brand			
	Type / Model			
	Country of Origin			
1.	**Description of Function**			
4	Central Monitor suitable for patient monitors(5 parameters and 7 parameters both)			
4.1	Central Monitor system suitable for minimum 8 Monitors and able to show single display capability of upto 8 Bed simultaneously			
4.2	Waveform of ECG , Respiration , Invasive Blood pressure , SOP2			
4.3	Alarm to be audible and visual			
4.4	Graphical and Tabular trend data of minimum 10 days.			
4.5	Stored data to be retrieval of upto 30 days after discharge			
4.6	All Monitor to be connected with Central Monitor, Central monitor to be provided with computer, monitor and printer. All networking work to be done by bidder			
5	**Accessories, spares and consumables**			
5.1	**Accessories:** All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer.			
5.2	3 Lead ECG electrode cable Pediatric and neonate SpO2 probe NIBP cuffs for Pediatrics and neonates Temp Probe – 1No.			
6.0	**Operating Environment**			
6.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: 220 - 240 VAC, 50Hz fitted with appropriate plug.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 for medical devices AND			
7.2	CE (93/42 EEC Directives) and USFDA approved product certificate.			
7.3	Shall meet IEC-60601-1-2:2001 General Requirements of Safety for Electromagnetic Compatibility.			

8.0	**User Training**			
8.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.			
9.0	**Warranty**			
9.1	Comprehensive warranty of 2 years from the date of delivery and installation of the system			
10.0	**Maintenance Service During Warranty Period**			
10.1	During the warranty period supplier must ensure corrective/ breakdown maintenance whenever required.			
11.0	**Installation and Commissioning**			
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	Certificate of calibration and inspection from factory.			
Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.				

4. Defibrillator (with Monitor)

S.N.	Purchaser's Technical Specifications		Bidder's Compliance Sheet			
	Defibrillator (with Monitor)		**Yes**	**No**	**Page No. in Catalogue**	**Remarks**
	Manufacturer					
	Brand					
	Type / Model					
	Country of Origin					
1.	**Description of Function**					
1.1	Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.					
2.	**Operational Requirements**					
2.1	Used in emergency & critical care departments to meets various resuscitation and monitoring needs.					

3.	**System Configuration**				
3.1	Defibrillator must be Biphasic, light weight and latest model with complete accessories.				
4	**Technical Specifications**				
4.1	System shall be user friendly, lightweight and easily transportable.				
4.2	Should be a low energy biphasic defibrillator monitor with recorder, having capability to arrest all arrhythmia.				
4.3	Should work on Manual and Automated external defibrillation (AED) in Bi-phasic mode. The maximum energy delivered by the device should be up to 200J in manual mode and 150 J in AED mode. In AED mode biphasic shocks should be delivered in escalating strengths with inbuilt trans-thoracic impedance compensation as mentioned below.				
4.4	Shock delivery can be via hands-free multifunction defibrillator electrode pads or paddles.				
4.5	Should monitor ECG through external paddles and monitoring electrodes and defibrillate through external paddles. Should have automatic/manual switching to see patient ECG through paddles or leads.				
4.6	Should have a built in printer/thermal recorder				
4.7	Should have charging time of less than **5** seconds for maximum energy. Charging indicator should be there				
4.8	Should have bright TFT colour display 6” or more for viewing messages and ECG waveform of 4 seconds				
4.9	Should have external paddles with paddle contact indicators. Single adult and pediatric paddles should be available.				
4.10	Should have event summary facility for recording and printing at least **50** events and 50 waveforms				
4.11	Should have a battery capable of usage for at least 90 minutes of 20 discharges.				
4.12	Should be capable of printing reports on event summary, configuration, self-test, battery capacity etc.				
4.13	should have facility for self-test /check before usage and set up function				
4.14	Should be capable of delivering energy in increments of 1-2 joules up to 10J and increments of 5-20 joules up to 50J.				
4.15	External Pacing Capability				
4.16	Should print the ECG on thermal recorders.				
4.17	Should be capable of doing synchronized &				

	asynchronized cardio version				
4.18	Can be operated from mains as well as battery				
5.	**Accessories, spares and consumables**				
5.1	Disposable self-adhesive defibrillator pads for adults complete with cable and connector x 5 sets				
5.2	Disposable self-adhesive reduced energy defibrillator pads (as required) for neonate/paediatric complete with cable and connector x 2 sets				
5.3	3 wire ECG cable (lead II) x 1 set for ECG monitoring.				
5.4	Disposable ECG electrodes x 50 pcs				
5.5	Carry Bag/case x 1 set				
5.6	Printer (built-in) x 1 set				
5.7	Thermal paper x 10 rolls/sets				
5.8	Power cord x 1 set				
5.9	Rechargeable Battery x 1 set				
5.10	External Paddles for Adult & Children x 1 set				
5.11	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).				
6.	**Operating Environment**				
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.				
6.2	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The mains cable minimum 3 meter long.				
7	**Standards and Safety Requirements**				
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**				
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.				
7.3	Electrical safety conforms to standards for electrical safety IEC60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.				
8.	**User Training**				
8.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all				

	operational functions of the equipment, as well as routine checks and maintenance expected by users.				
9.	**Warranty**				
9.1	Comprehensive warranty for 2 years after acceptance				
10.	**Maintenance Service During Warranty Period**				
10.1	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.				
11.	**Installation and Commissioning**				
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.				
12	**Documentation**				
13.1	User (Operating) manual in English.				
13.2	Service (Technical / Maintenance) manual in English.				
13.3	List of important spare parts and accessories with their part numbers and costing				
13.4	Certificate of calibration and inspection from factory.				

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

5. 12 LED ECG Machine

S.No	Technical Specification	Bidder's Specification
	ECG Machine	
	Manufacturer:	
	Brand:	
	Type/Model:	
	Country of Origin:	
1	**Description of Function**	
	ECG Machine is primary equipment to record ECG Signal in various configurations.	
2	**Operational Requirements**	
	Microprocessor controlled digital ECG machine suitable for adult and pediatric applications.	
3	**System Configuration**	
	ECG machine with complete accessories.	

4	**Technical Specification**	
4.1	Simultaneous lead acquisition and display of up to 12 leads	
4.2	Up to 12 Configurable Rhythm Leads	
4.3	Full disclosure of each leads for 5 min with complete ECG report of any 10 seconds with continuous patient heart rate display	
4.4	Storage of 200 ECG for all 12 leads	
4.5	**Algorithm**	
	• >600 interpretative statements	
	• Standard measurement of intervals, duration and axis	
	• Selectable interpretation	
4.6	**STEMI clinical Support**	
	• Five ECG reports, ST Segment Analysis with graphical ST Vector, frontal and transverse.	
	• Right heart statements from right chest leads	
4.7	**Signal Quality, Data acquisition & Processing**	
	• Leads off advisory for disconnected leads	
	• Four color to indicate levels of waveform quality	
	• Detection of Lead reversals	
	• Wide filter selection: 0.05 Hz to 150 Hz selectable as per applications	
	• Should have microprocessor controlled digital processing facility	
4.8	**Display & data input**	
	• High resolution colour at least 6” TFT display with touch screen for quick use	
	• Continuous display of Patient Heart Rate	
	• Full Screen Preview of complete 12 lead report prior to printing	
	• Integrated graphical help screen for primary functions	
	• Full alphanumeric keyboard for quick patient data entry	
4.9	**Storage, Recording & Printout**	
	• Built in high resolution thermal array printer (200x 500 dpi)	
	• A4 size recording with rhythm for 12 L ECG on single sheet	
	• 200 ECGs internal storage, and additional storage of 200 ECGs with optional USB device	

5	**Accessories, spares and consumables**	
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).	
6	**Operating Environment**	
6.1	Li-Ion battery for printing at least 25 ECG on full charge battery	
6.2	Option for second Li-Ion battery for additional extended back-up	
6.3	Line power 100-240 V,50/60 Hz with consumption less than 70 W	
7	**Standards and Safety Requirements**	
7.1	Must submit European CE (93/42 EEC Directives) and USFDA approved product certificate.	
8	**User Training**	
8.1	Must provide user training (including how to use and maintain the equipment).	
9	**Warranty**	
9.1	Comprehensive warranty for 2 years after acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	During the warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.	
11	**Installation and Commissioning**	
11.1	Supplier must accomplish proper installation and commissioning of the equipment onsite.	
12	**Documentation**	
12.1	User (Operating) manual in English.	
12.2	Service (Technical / Maintenance) manual in English.	
12.3	List of important spare parts and accessories with their part numbers and costing.	
12.4	Certificate of calibration and inspection from factory.	
NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.		

6. Infusion pump

S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet			
	Infusion Pump	**Yes**	**No**	**Page no. in Catalogue**	**Remarks**

	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1.	**Description of Function**				
1.1	The infusion pump provides uniform flow of fluid by precisely driving the plunger of a liquid (NS, Glucose, etc.). It provides accurate and continuous flow rate for precise deliver of I.V. medication in critical medical care				
2.	**Operational Requirements**				
2.1	The infusion pump must be user friendly, safe to use and must have battery backup and comprehensive alarm system				
3.	**System Configuration**				
3.1	Infusion pump with battery backup alarm and with complete accessories				
4	**Technical Specifications**				
4.1	Should come factory calibrated with at least 2 types of commonly used infusion set.				
	Should have option of onsite calibration of at least 5 types of different infusion set.				
4.2	Shall be compatible with most of the IV set (macro/ micro drip sets)				
4.3	Shall have a LED/LCD display with backlight and graphical display of infusion				
4.4	Should have at least three Occlusion Level Settings.				
4.5	It shall have facility of audible and visual alarm for occlusion pressure, air alarm, door open, empty, low battery.				
4.6	Should have Ultrasonic Buddle Detector.				
4.7	Should Have Option of On/Off and adjustable KVO from 1-5ml/Hr.				
4.8	Should have Built in Lithium Iron battery with a backup of at least 5 hour.				
4.9	Should have RS 232 for Bidirectional communication.				
4.10	Infusion Rate 1ml/hr to 1200ml/Hr				
4.11	Should be able to set two infusion programmes at a time.				
4.12	Shall have a flow rate accuracy of ±5% and drip rate accuracy of ± 3%				
4.13	Shall have rechargeable battery having at least 2 hours backup at highest delivery rate				
5.	**Accessories, spares and consumables**				

5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above)				
6.	**Operating Environment**				
6.1	The system offered must be designed to store and be operated normally under the condition of the purchaser's country. The conditions include climate, temperature and relative humidity.				
6.2	Power supply: 220-240 V AC/ 50 Hz, fitted with appropriate plug type D round 3 pins. The power cable must be minimum 2.5 meters long				
7	**Standards and Safety Requirements**				
7.1	Must submit ISO 13485:2003/ AC:2007 for Medical Devices AND				
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate				
8.	**User Training**				
8.1	Must provide user training (including how to use and maintain the equipment)				
9.	**Warranty**				
9.1	Comprehensive warranty for 1 year after installation				
10.	**Maintenance Service During Warranty Period**				
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.				
11.	**Installation and Commissioning**				
11.1	Supplier must accomplish proper installation and commissioning of the equipment onsite.				
12	**Documentation**				
13.1	User (Operating) manual in English.				
13.2	Service (Technical / Maintenance) manual in English.				
13.3	Certificate of calibration and inspection from factory.				

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

7. Syringe pump

S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet			
	Syringe Pump	**Yes**	**No**	**Page no. in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1.	**Description of Function**				
1.1	The Syringe Pump provides uniform flow of fluid by precisely driving the plunger of a syringe down its barrel. It provides accurate and continuous flow rate for precise delivery of I.V medication in critical medical care.				
2.	**Operational Requirements**				
2.1	The syringe pump must be programmable, user friendly, safe to use and must have battery backup and comprehensive alarm system.				
3.	**System Configuration**				
3.1	Syringe pump with battery backup alarm and with complete accessories				
4	**Technical Specifications**				
4.1	Programming infusion rate within the range of 0.1ml/hr to 1500 ml/hr and the infusion rate can be adjusted in increments of 0.1 ml/hr. SAVE last infusion rate even when the AC power is switched OFF.				
4.2	Syringe Pump should be programmable for at least 3 different infusion rates in one time.				
4.3	Pump should be able to use and automatically sense 5ml, 10ml, 20ml, 30ml & 50ml Syringes				
4.4	Screen should give better visibility with 10 adjustable levels				
4.5	Pump should Store up to 500 drug names and have drug library of at least 200 drug names available as default,				
4.6	Pump should sense syringe manually/automatically.				
4.7	Should have multiple infusion modes – rate mode, time mode, weight mode and multi-rate mode				
4.8	Should have Post Occlusion Bolus reduction.				
4.9	Dynamic pressure display which monitors and analyzes delivery pressure. On-screen bar graph monitors the trends in the infusion and alerts the user of an occlusion before the occlusion is triggered.				

4.10	Capability to program, Volume To Be Infused from 0.1ml to 9999ml				
4.11	Wide range of audio and visual alarms for conditions such as, Occlusion, Infusion near complete, Infusion complete, Low battery, Battery depleted, System idle, Syringe installed incorrect, Transmission error, System error				
4.12	Alarm audio should be adjustable for at least 5 alarm volume levels with 3 selectable alarm tones.				
4.13	Pump should be having Stack ability feature which should stack up to 4 pumps.				
4.15	**Technical Data:** • Battery Type: Rechargeable Lithium ion battery • Battery Life: At least 8 hours operating time at 5 mL/h infusion rate • KVO Rate: 0.0 - 5.0 mL/hr (depending on syringe size) • Drive Accuracy: Less than ± 2 % (Linear Accuracy) • Occlusion Settings: 5 selectable levels; Range from 100 mmHg to 900 mmHg				
5.	**Accessories, spares and consumables**				
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above)				
6.	**Operating Environment**				
6.1	The system offered must be designed to store and be operated normally under the condition of the purchaser's country. The conditions include climate, temperature and relative humidity.				
6.2	Power supply: 220-240 V AC 50 Hz, fitted with appropriate plug type D round 3 pins. The power cable must be minimum 2 meters long.				
7	**Standards and Safety Requirements**				
7.1	Must submit ISO 13485:2003/ AC:2007 for Medical Devices AND				
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate				
8.	**User Training**				
8.1	Must provide user training (including how to use and maintain the equipment)				

9.	**Warranty**				
9.1	Comprehensive warranty for 1 year after installation				
10.	**Maintenance Service During Warranty Period**				
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required				
11.	**Installation and Commissioning**				
11.1	Supplier must accomplish proper installation and commissioning of the equipment onsite.				
12	**Documentation**				
13.1	User (Operating) manual in English.				
13.2	Service (Technical / Maintenance) manual in English.				
13.3	Certificate of calibration and inspection from factory.				

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

Package 2

1. ICU Bed

S.N.	Purchaser's Specifications	
	ICU Bed	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	ICU Beds are made for use in the Intensive Care and provides comfort of the patient and to facilitate comfortable transfer to and from emergency/OT/Wards etc. It can also carry out point of care procedures including radiological procedures at the bedside.	
2	**Operational Requirements**	

S.N.	Purchaser's Specifications
2.1	It will be electrically and pneumetically operated and adjustable height and tilt. And have radiotransluscent top for carrying out X-Ray at the bedside
3	**System Configuration**
3.1	These beds will be electrically and pneumatically operated ICU bed with mattress.
4	**Technical Specifications**
4.1	These beds will have four section mattress base
4.2	Overall Size: Approx Buffer to Buffer 2170 mm L to 1045 mm W x465mm to 765 mmH
4.3	Backrest, knee rest, height adjustment and trendelenburg/ reverse trendelenburg, positions operated by European make electro-mechanical actuators through handset.
4.4	Both Base frame & support frame should made up of steel.
4.5	Must have step less electrical adjustment for the following: • Height: Approx. 600 mm • Back section : 0- 70^0 • Leg Section : 0-40^0
4.6	Each bed has step less pneumatic adjustment for Trendelenburg (15° approx.), anti-trendelenburg (15° approx.)
4.7	Degree indicator required on both the side for backrest, Trendelenburg/ Reverse trendelenburg positions.
4.8	Bed frame is made from 60mm x 30mmx 1.6mm (16G) thick ERW tube with proper support. This frame is fitted on the base frame mainly made of 60mm x 30mm x1.6mm (16G) ERW tubes with various supporting links.
4.9	Bed frameand Base frameis connectedwith linkagesmade fromsolid bright flats of 40mm x 10mm. The solid flats should be welded to a solid rod of minimum diameter of 30mm or more.
4.10	The base frame is mounted on four good standard 125mm dia non-rusting castors two with brakes and two without brakes. Wheel centre having precision ball bearing to run smoothly.
4.11	The bed has polymer moulded head & foot panels detachable by hand without need ofany tool. Four corner rubber buffers of 125mm dia..
4.12	Bed has polymer moulded safety side railings on both sides. These shall be fitted to the mattress support sections and should be able to raise and lock through spring lock mechanism.
4.13	The height of the railing from the mattress base should be 370mm or more for enhanced patient safety.
4.14	The control box should be covered with MS CRCA sheet

S.N.	Purchaser's Specifications
	Mattress with high quality PU foam covered with covered with rexine
4.15	**Dimensions of bed (approx. ± 10%):** • Length : approx. 2200 mm • Width : Approx.1000mm • Mattress Size : appropriate as per bed size, thickness at least 12cm
5	**Accessories, spares and consumables**
5.1	**Accessories:** • I.C.U Bed Mainframe -01 • Bed Ends, detachable : 01 pair • Articulated half-length tuck away side rails: 04 Nos. • IV Rods: 01 No. • Mattress 12 cm Thick : 01 No.
5.2	All standard accessories/consumables/parts required for the proper operation of the above item are included in the offer.
6	**Operating Environment**
6.1	These beds are designed to be stored and to operate normally under the conditions of the Nepal. The conditions include Climate, Temperature, Humidity, etc.
6.2	Power supply for these beds is: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable areat least 3 metre in length.
7	**Standards and Safety Requirements**
7.1	ISO13485:2003/AC:2007 for Medical Devices **AND**
7.2	CE (93/42 EEC Directives) approved product certificate.
7.3	Certified with compliant with IEC 60601-2-38 Medical Electrical Equipment part 2-38 Particular requirements for safety of Electrically Operated Hospital Beds.
8	**User Training**
8.1	User manual in English and no specific training for operation required.
9	**Warranty**
9.1	Comprehensive warranty for 2 years after acceptance.
10	**Maintenance Service During Warranty Period**
10.1	During the warranty period supplier assures corrective/breakdown maintenance whenever required.
11	**Installation and Commissioning**

S.N.	Purchaser's Specifications
11.1	The bidder will arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.
12	**Documentation**
12.1	User (Operating) manual in English.
12.2	Service (Technical / Maintenance) manual in English
12.3	List of important spare parts and accessories with their part number and costing.
12.4	Certificate of calibration and inspection from factory.
NOTE:-Bidder must completely fill the Technical specification form (TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.	

2. IV Stand

S.N.	Purchaser's Specifications		Bidder's Offer
	IV Stand		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		

S.N.	Purchaser's Specifications	Bidder's Offer
1	**Description of Function**	
1.1	This IV/saline stand is used for hanging various intravenous items such as blood bags and glucose bottles.	
2	**Operational Requirements**	
2.1	Stainless steel IV/Saline stand with castors.	
3	**System Configuration**	
3.1	Adjustable IV/saline stand with five legs, with four hooks and five swivels castors.	
4	**Technical Specifications**	
4.1	The IV stand shall be made of stainless steel, with a 5 pronged base fitted on mobile on swivelling castors of approx. diameter Ø50mm. The castors must be non-rusting and non-marking.	
4.2	The stand should come with stainless steel double IV hook, height adjustable from approximately 1620 mm to 2340 mm, with a screw knob for height adjustment.	
5	**Accessories, spares and consumables**	
4.1	Not applicable.	
6	**Operating Environment**	
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.	

S.N.	Purchaser's Specifications	Bidder's Offer
7	**Standards and Safety Requirements**	
7.1	Must submit ISO certificate or CE approved certificate	
8	**User Training**	
8.1	Not applicable.	
9	**Warranty**	
9.1	Warranty for 1 year for anti-corrosion.	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation and Commissioning**	
11.1	Must supply preassembled unit, ready to use.	
12	**Documentation**	
12.1	Not applicable.	

3. Electric Suction Pump

S.N.	Purchaser's Specifications	
	Electric Suction Pump	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	To extract fluid from the body during surgery or emergency treatments.	
2	**Operational Requirements**	
2.1	An electric double jar suction pump for surgical use.	
3	**System Configuration**	
3.1	Suction machine with two bottles and accessories.	
4	**Technical Specifications**	
4.1	It shall be mounted on four robust, fully 360 degree swivelling, antistatic, non-marking tires castors, minimum size 75 mm with at least 2 diagonal brakes.	
4.2	Come with suction controller and vacuum gauge / indicator.	
4.3	The pump shall be oil free vacuum pump where the pumped liquid shall be sealed off from the pump.	
4.4	Come with overflow control valves.	
4.5	Vacuum rate shall be from 0 to not less than 640 mmHg (0.85 bars).	
4.6	Air flow rate shall be at least 25 l/min.	
4.7	The pump shall come fitted with twin unbreakable, transparent, autoclaveable polycarbonate suction bottles minimum 2 litre each.	
4.8	The bottles shall be incorporated with an automatic suction cut-off mechanism when they become full.	

S.N.	Purchaser's Specifications
4.9	The suction bottles shall come with overflow lid.
4.10	Noise level: not more than 55 dBA.
4.11	Air discharge from pump shall be filtered by a 0.3 micron bacterial hydrophobic filter.
5	**Accessories, spares and consumables**
5.1	**Accessories:** • Electrical cable:1 minimum 3 meter length • Clear suction tubing: 1 set of 5 meter length • Bacterial filter: 0.3 micron, 10 pcs • Spare unbreakable, transparent, autoclaveable polycarbonate suction bottle 2L: 1pc • Complete connection tubing set: 1 set • Hand switch & foot switch with cables for operating easily.
6	**Operating Environment**
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.
6.2	Must operate on 220-240V AC as well as rechargeable batteries.
7	**Standards and Safety Requirements**
7.1	Must submit ISO13485:2003/AC: 2007 for Medical Devices Or CE (93/42 EEC Directives).
7.3	Shall meet IEC-60601-1-2 General Requirements of Safety for equipment.
8	**User Training**
8.1	Not applicable.
9	**Warranty**
9.1	Warranty for 1year.
10	**Maintenance Service During Warranty Period**
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.
11	**Installation, Inspections and Commissioning**
11.1	Must supply preassembled unit, ready to use.
11.2	Inspections to verify the compliance of the offered equipment as per specifications will be conducted by the technical team appointed by the purchaser.
12	**Documentation**

S.N.	Purchaser's Specifications
12.1	User (Operating) and Service (Technical/Maintenance) manuals to be supplied in English.
12.2	Certificate of calibration and inspection.

4. Ambu Bag

S.N.	Purchaser's Specifications	
	Ambu Bag Adult, Paediatric and neonate	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	**Description of Function**	
1.1	Ambu bag is a hand-held device used to provide positive pressure ventilation to a patient who is not breathing or who is breathing inadequately.	
2	**Operational Requirements**	
2.1	Manually operated breathing resuscitation set to ventilate infant to child, with a body weight of up to 30kg.	
3	**System Configuration**	
3.1	Bag & Mask, resuscitator set for new-born to child, complete unit.	
4	**Technical Specifications**	
4.1	Manually operated, breathing resuscitation set.	
4.2	Ventilation can be done with ambient air or with oxygen.	
4.3	The resuscitators must be reusable made of clear/transparent bags made of medical grade silicon.	
4.4	Transparent medical grade silicon material shall provide excellent bag re-expansion and must be resistant to high temperatures.	
4.5	Patient masks must be clear/ transparent.	
4.6	All parts must be manufactured from high-strength, long-life materials and require no special maintenance or storage conditions.	

S.N.	Purchaser's Specifications
4.7	Must have integrated intake/reservoir valve for efficient oxygen delivery and ease of cleaning.
4.8	Shall have non-rebreathing patient valve with pressure limitation (Pop off Valve). It must be able to generate a pressure of approx. 35 (+/- 5) cm H2O.
4.9	Resuscitator shall be supplied as a complete set with: • Compressible self-refilling ventilation bag, tidal volume: 500-800ml. • Oxygen reservoir bag complete: neonates, infants, children and adult • Intake valve for O2 tubing. • Masks, translucent, in 4 different sizes: i-1 mask, 1 piece, round type, size neonate ii-1 mask, 1 piece, round type, size infant. iii-1 mask, size child. iv-1 mask, 1 piece round type, size adult
4.10	Resuscitator can be totally disassembled, is easy to clean, disinfect and sterilizeable / autoclaveable.
4.11	**Material:** • Non-rebreathing patient valve with pressure limiting valve shall be made of polycarbonate/polysulfone. • Compressible self-refilling ventilation bag shall be made of medical grade silicon. • Intake valve with nipple for O2 tubing shall be made of polycarbonate/polysulfone. • Oxygen reservoir bag shall be made of translucent plastic. • Masks, 3 different sizes shall be made of medical grade silicon. • Airways Guedel, 3 different sizes shall be made of translucent plastic. • All components must be latex free.
4.12	Set to be supplied in a heavy duty, re-sealable plastic pouch or clear top plastic box.
5	**Accessories, Spares and Consumables**
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).
6	**Operating Environment**
6.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include, Climate, Temperature, Humidity, etc.
7	**Standards and Safety Requirements**
7.1	Must submit ISO or CE
8	**User Training**
8.1	Not applicable.

S.N.	Purchaser's Specifications
9	**Warranty**
9.1	Comprehensive warranty for 1 year after acceptance.
10	**Maintenance Service During Warranty Period**
10.1	Standard warranty conditions are applicable.
11	**Installation and Commissioning**
11.1	Must supply preassembled unit, ready to use.
12	**Documentation**
12.1	User's manual shall be supplied in English.

5. Nebulizer

S.N.	Purchaser's Specifications	
	Nebuliser	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
	Nebuliser is a device used to administer medication to people in forms of a liquid mist to the airways. It is commonly used in treating cystic fibrosis, asthma, and other respiratory diseases.	
2	**Operational Requirements**	
	Heavy duty compact Nebuliser is required.	
	System Configuration	
3.1	Nebuliser, complete unit with all standard accessories.	
4	**Technical Specifications**	
	Compact, lightweight, low noise.	
	Durable long life compressor. Suitable for heavy duty/ institutional (hospital) use, must be able to run uninterruptedly for one hour.	

S.N.	Purchaser's Specifications
	Maximum pressure: 2.0 to 2.5 bars.
	Must produce particle of size 1-5 μm
	Aluminium cabinet painted with epoxy powder.
	Piston-type electric aspirator that offers high performance and great durability.
	Protective thermal cut out relay.
	Air delivery rate app.15l/min.
	24 hours continuous work for hospital use.
5	**Accessories, spares and consumables**
5.1	**Accessories:** • Nebuliser bulb reusable, autoclaveable- 01 no. • Adult and child face mask reusable, autoclaveable- 02 each. • T piece, Mouthpiece, Nosepiece, reusable, autoclaveable- 01 each. • Mouthpiece- 01 no. • Nosepiece- 01 no. • 1 x 200 cm. tubing • Spare filters- 10 nos.
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).
6	**Operating Environment**
6.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.
7	**Standards and Safety Requirements**
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND** CE (93/42 EEC Directives)
7.2	Electrical safety conforms to standards for electrical safety IEC 60601-1 General requirement for Electrical safety of Medical Equipment.
8	**User Training**
8.1	Must provide user training (including how to use and maintain the equipment).
9	**Warranty**

S.N.	Purchaser's Specifications
9.1	Comprehensive warranty for 1 year after acceptance.
10	**Maintenance Service during Warranty Period**
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.
11	**Installation and Commissioning**
11.1	Supplier must accomplish proper commissioning of equipment onsite.
12	**Documentation**
12.1	User (Operating) manual in English.
12.2	Service (Technical / Maintenance) manual in English.
12.3	List of important spare parts and accessories with their part number and costing.
12.4	Certificate of calibration and inspection from factory.

6. Medicine Trolley

	Medicine Trolley	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	**Description of Function**	
1.1	Trolley for medicine with 4 swivel castors.	
2	**Operational Requirements**	
2.1	should have enough space for medicine placement	
3	**System Configuration**	
3.1	Should be of standard dimension with wheels.	
4	**Technical Specifications**	
4.1	Should have space for oxygen cylinder and IV Stand	
4.2	Should be stainless steel or coated with epoxy coaster.	
5	**Standards and Safety Requirements**	

5.1	Must submit ISO and CE certified certificate
6	**User Training**
6.1	Not applicable.
7	**Warranty**
7.1	Comprehensive warranty of anti-corrosion for 1 year after acceptance.
8	**Maintenance Service During Warranty Period**
8.1	Standard warranty conditions are applicable.
9	**Installation and Commissioning**
9.1	Must supply preassembled unit, ready to use.

7. X-Ray View Box

S.N.	Purchaser's Specifications	Bidder's Offer
	X-Ray View Box	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	**Description of Function**	
1.1	View box used for viewing the images of X-ray, CT/MRI at healthcare facilities.	
2	**Operational Requirements**	

S.N.	Purchaser's Specifications	Bidder's Offer
2.1	Single film LED view box, operates on mains electric supply.	
3	**System Configuration**	
3.1	LED View Box (Single Film), complete unit.	
4	**Technical Specifications**	
4.1	Ultra slim design.	
4.2	LED backlit and shall have separate on/off function with separate rotary continuous adjustable brightness control at the bottom of panel for convenient operation.	
4.3	It shall have fully electronic continuous brightness control with adjustment range approx. up to 90%.	
4.4	Shall have no lag period in intensity modulation.	
4.5	Front sheet shall be made of polycarbonate or acrylic with antiglare.	
4.6	Shall have sturdy film clamping mechanism with automatic sensor induced on/off system.	
4.7	Illumination: High bright white LEDs.	
4.8	It shall have homogeneous illumination and shall have luminance of more than 1200 cd/m^2.	
4.9	LED light source shall have life span at least 20000 hours of operation.	

S.N.	Purchaser's Specifications	Bidder's Offer
4.10	Shall be able to hold one full large size CT/MRI films at a time with film has maximum size of 43cmX 35cm.	
5	**System Configuration Accessories, spares and consumables**	
5.1	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.	
6	**Operating Environment**	
6.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.	
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 or CE certified certificate	
8	**User Training**	
8.1	Not applicable.	
9	**Warranty**	

S.N.	Purchaser's Specifications	Bidder's Offer
9.1	Warranty for 1 year after acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation and Commissioning**	
11.1	Must supply preassembled unit, ready to use.	
12	**Documentation**	
12.1	User (Operating) manual in English.	

8. Autoclave

S.N.	Purchaser's Specifications	
	Autoclave	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	Autoclaves are required to sterilize objects under high temperature and pressured steam.	
2	**Operational Requirements**	
2.1	Suitable for hospital dressings, linen, surgical instruments, glassware, culture media and laboratory wares etc.	
2.2	Shall be mains power operated	
2.3	Shall be used with distilled water.	
3	**System Configuration**	
3.1	Autoclave for CSSD (Central Sterile Services Department) approx. 80l, stand alone	
4	**Technical Specifications**	
4.1	Single door high pressure steam sterilizer with double / triple walled, steam jacket and separate boiler.	
4.2	**Material of construction:** • Sterilizer chamber SS 316 • Door SS 316 • Jacket Stainless Steel • Loading carriage SS 316 • Door Gasket: Silicon or better • Insulation: fibre glass resin bonded wool or better • Insulation cover: SS sheets	
4.3	Operating temperature 121 ^{0}C – 134 ^{0}C pressure 1.1 to 2.2 kg/cm2 of steam pressure, and shall be used with distilled water.	
4.4	Capacity- 80 litres.	

S.N.	Purchaser's Specifications
4.5	Digital microprocessor based PID temperature controller with stored memory.
4.6	Separate cycle timer and easy to read display pressure gauges.
4.7	Indicating lights display all functions including heating, low water, timer operation, temperature set point and actual temperature.
4.8	Spring loaded safety valves and automatic vacuum breaker for jacket.
4.9	Removable plug screen for chamber drain.
4.10	SS baffle for even steam distribution in the chamber.
4.11	Safety lock for door: pressure lock safety device.
4.12	Low water off.
4.13	Earth leakage breaker (ELB)
4.14	Must include chart recorder for temperature and pressure, increased power rating for rapid heating applications.
4.15	Electrical heating element to have over-temperature protection/cut out and maximum electrical power must not to exceed 5 KW.
5	**Accessories, spares and consumables**
5.1	**Accessories**: • 3 dressing drums – (seamless stainless steel construction, suitable to fit into the autoclave) • A minimum of two spare lid gaskets • Graduated water measuring jug, to enable filling of steriliser with correct quantity of water
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).
6	**Operating Environment**
6.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.
7	**Standards and Safety Requirements**
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 **AND**
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.

S.N.	Purchaser's Specifications
7.3	Electrical safety conforms to standards for electrical safety IEC-60601.
8	**User Training**
8.1	Must provide user training (including how to use and maintain the equipment).
9	**Warranty**
9.1	Comprehensive warranty for one year after acceptance.
10	**Maintenance Service During Warranty Period**
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.
11	**Installation and Commissioning**
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.
12	**Documentation**
12.1	User (Operating) manual in English
12.2	Service (Technical / Maintenance) manual in English
12.3	List of important spare parts and accessories with their part number and costing.
12.4	Certificate of calibration and inspection from factory.
NOTE:-Bidder must completely fill the Technical specification form (TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.	

9. Wheel Chair

S.N.	Purchaser's Specifications	
	Wheel Chair	
	Manufacturer	
	Brand	
	Type / Model	

S.N.	Purchaser's Specifications	
	Country of Origin	
1	**Description of Function**	
1.1	Wheel chair is used in hospitals for means of mobility by disabled persons/or persons who have impairments that limit their ability to walk.	
2	**Operational Requirements**	
2.1	It shall be a foldable BUT shall NOT a collapsible type. The mechanism of folding & unfolding must be easy. Large standard adult size hospital wheelchair fixed/ foldable type. Easy maneuverable.	
3	**System Configuration**	
3.1	Wheel chair invalid type.	
4	**Technical Specifications**	
4.1	made of the highest quality materials such as Chrome polished finish or stainless steel.	
4.2	Dimensions: approx. W 68 cm × D 110 cm × H 94 cm. Seat width: approx.450mm.	
4.3	Wheels to have braking/locking mechanism and self-propelling SS hoops; two swivel castors (200mm dia. approx.) in front.	
4.4	Tire fitted with self-propelling hoops and brake arrangements.	
4.5	Tire sizes: Rear approx. 60cm (24") solid Mag tyres or Bicycle type spoked wheels, and Front approx. 200mm (8") Mag swivel casters.	
4.6	Armrests: Padded, Fixed height and detachable.	
4.7	Waterproof upholstery and easy to clean.	
4.8	Padded back rest, seat and push handle.	
4.9	Footrests: Fixed height and swing away foot plates and detachable, preferably made of Aluminium.	
4.10	Maximum Patient weight capacity: approx. 150kg.	
4.11	I.V. pod shall be provided at the right side of the back rest.	
5	**Accessories, spares and consumables**	
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).	

S.N.	Purchaser's Specifications
6	**Operating Environment**
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.
7	**Standards and Safety Requirements**
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 **or** CE certified
8	**User Training**
8.1	Not applicable.
9	**Warranty**
9.1	Comprehensive warranty for 1 year.
10	**Maintenance Service During Warranty Period**
10.1	Standard warranty conditions are applicable.
11	**Installation and Commissioning**
11.1	Must supply preassembled unit, ready to use.
12	**Documentation**
12.1	User's manual shall be supplied in English.

10. Patient Trolley

S.N.	Purchaser's Specifications	
	Patient Trolley	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	Emergency Patient Trolley for Patient transfer to & fro ICU/OT/Emergency.	
2	**Operational Requirements**	
2.1	It shall be non-hydraulic, mechanically operated patient trolley.	
3	**System Configuration**	
3.1	Emergency patient trolley complete with mattress and accessories.	
4	**Technical Specifications**	
4.1	Shall have three sectional mattress base made of X Ray translucent high pressure laminate with facility to insert X Ray Cassette from either sides & ends of the trolley.	
4.2	Shall be able to X Ray the patient from positions along the entire length and width of the trolley.	
4.3	Shall have pneumatic gas spring stepless adjustment for back section. Trendelenburg (approx. 14Degree) and reverse trendelenburg (approx.7 Degree) positions.	
4.4	Shall have non hydraulic height adjustment by crank mechanism app. 500-900 mm.	
4.5	Frame of the trolley shall move with mattress base when foot section / back section are adjusted.	
4.6	Frame shall be made up of steel with epoxy powder coated washable paint finish.	
4.8	Shall be equipped with heavy-duty castors diameter 150 mm with brakes.	
4.9	Shall have bumpers at all the four corners of the trolley	
4.10	Shall have facility to fix IV rod at all the four corners and middle of mattress base frame.	
4.11	Shall have place for fixing 'B' type Oxygen cylinder.	

S.N.	Purchaser's Specifications
4.12	Dimensions: • Max. Length: app. 2075 mm • Max. Width : app. 750 mm • Height: approx. 500 – 900 mm • Trendelenburg : app. 14 deg. stepless • Anti Trendelenburg : app. 7 deg. stepless • X ray viewing area : entire length
4.13	Mattress shall be made of durable long life material, shall be antistatic, shall be secured with self-adhesive straps
5	**Accessories, spares and consumables**
5.1	**Accessories:** • Anti-static hygienic Mattress (80mm) with pull straps: 01 pc • Collapsible side rails: 01 pair • I.V. rod: 01 pc • Cylinder holder for 'B' type Oxygen cylinder:.01 pc
5.2	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.
6	**Operating Environment**
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.
7	**Standards and Safety Requirements**
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**
7.2	CE approved product certificate.
8	**User Training**
8.1	Must provide user training (including how to use and maintain the equipment).
9	**Warranty**
9.1	Comprehensive warranty for 1 year.
10	**Maintenance Service During Warranty Period**
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.
11	**Installation and Commissioning**

S.N.	Purchaser's Specifications
11.1	The supplier must accomplish proper commissioning of the equipment on site.
12	**Documentation**
12.1	User (Operating) manual in English
12.2	Service (Technical / Maintenance) manual in English

11. T Piece

S.N.	Purchaser's Specifications		Bidder's Offer
	T Piece		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	**Description of Function**		
1.1	T Piece use in anesthesia		
2	**Operational Requirements**		
2.1	T Piece to connect to infant resuscitation masks or endo tracheal tubes		
3	**System Configuration**		
3.1	T Piece to connect to infant resuscitation masks or endo tracheal tubes		
4	**Technical Specifications**		
4.1	T-piece circuit should be connected to infant resuscitation masks or endo tracheal tubes. Must allow connection to Ventury mask, and PEEP valve		
5	**Accessories, spares and consumables**		
5.1	Not Applicable		
6	**Operating Environment**		

S.N.	Purchaser's Specifications	Bidder's Offer
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.	
7	**Standards and Safety Requirements**	
7.1	ISO or CE ceritified product	
8	**User Training**	
8.1	Not applicable	
9	**Warranty**	
9.1	Not applicable	
10	**Maintenance Service During Warranty Period**	
10.1	Not applicable	
11	**Installation and Commissioning**	
11.1	Not applicable	
12	**Documentation**	
12.1	Not applicable	

12. Rubber Face Mask

S.N.	Purchaser's Specifications		Bidder's Offer
	Anesthesia Rubber Mask Adult, Pediatric and neonate		
	Manufacturer		
	Brand		
	Type/Model		
	Country of Origin		
1	**Description of Function**		
1.1	Self inflating mask for easy and tight seal.		

S.N.	Purchaser's Specifications	Bidder's Offer
2	**Operational Requirements**	
2.1	Self inflating mask	
3	**System Configuration**	
3.1	Mask, resuscitator set for new-born to child, complete unit.	
4	**Technical Specifications**	
4.1	Manually operated mask for breathing resuscitation set.	
4.2	Ventilation can be done with ambient air or with oxygen using anaesthesia mask.	
4.3	Must be reusable and can be autoclavable for 30 times.	
4.4	Texture of surface shouldn't slip.	
4.5	Patient masks must be blue in colour.	
4.6	Should be available in 0A, 0, 2,3/4, 5 and 6 sizes.	
5	**Standards and Safety Requirements**	
5.1	Must submit ISO	
5.2	Should have CE certificate.	
6	**User Training**	
6.1	Not applicable.	
7	**Warranty**	
7.1	Comprehensive warranty for 1 year after acceptance.	
8	**Maintenance Service During Warranty Period**	
8.1	Standard warranty conditions are applicable.	
9	**Installation and Commissioning**	
9.1	Must supply preassembled unit, ready to use.	

13. Mattress, Hospital (AIR)

S.N.	Purchaser's Specifications		Bidder's Offer
	Mattress, Hospital (AIR)		
	Manufacturer		
	Brand		
	Type/Model		
	Country Of Origin		
1	**Description of Function**		
1.1	The mattress is to provide a comfortable platform for the patient to rest or sleep upon the bed.		
2	**Operational Requirements**		
2.1	PVC Air mattress with intermittent inflation and deflation of the different segments via pump		
3	**System Configuration**		
3.1	PVC air Mattress		
4	**Technical Specifications**		
4.1	The mattress fits with the hospital beds having an overall approximate dimension of not less than 1980mm length, 910mm width.		
4.3	Density of the latex coir block must not be less than 80kg/m^3 density.		
4.4	Top side pasted with high density PU foam of 25mm thick covered with protective inner cover of standard quality.		
4.5	Not more then 0.5 cm during deflation		
4.10	**Pump:-** weight not more then 3 Kg, Voltage 220/230, Power 8-15, Pressure range between 10-30, Cycle time between 5-15		
5	**Accessories, spares and consumables**		
5.1	Not applicable.		
6	**Operating Environment**		
6.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country.		

S.N.	Purchaser's Specifications	Bidder's Offer
	The conditions include Climate, Temperature, Humidity, etc.	
7	**Standards and Safety Requirements**	
7.1	Must Submit ISO and CE certification	
8	**User Training**	
8.1	Not applicable.	
9	**Warranty**	
9.1	Warranty for 1 year after acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation and Commissioning**	
11.1	Must supply preassembled unit, ready to use.	
12	**Documentation**	
12.1	Not applicable.	

14. Bain Circuit

S.N.	Purchaser's Specifications		Bidder's Offer
	Bain Circuit		
	Manufacturer		
	Brand		
	Type/Model		
	Country Of Origin		
1	**Description of Function**		
1.1	Bain Circuit a co – axial modification of the basic T-Piece system developed to facilities scavenging of waste anesthetic gases		
2	**Operational Requirements**		
2.1	Bain Circuit suitable for scavanging process of anesthesia gas		
3	**Technical Specifications**		
	Should have at least 110cm length, Co axial modification with flow inflating reservoir bag and PEEP valve attached with it		
4	**Accessories, spares and consumables**		
4.1	Not applicable.		
5	**Operating Environment**		
5.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.		
6	**Standards and Safety Requirements**		
6.1	Must Submit ISO and CE certification		
7	**User Training**		
7.1	Not applicable.		
8	**Warranty**		
8.1	Not applicable.		
9	**Maintenance Service During Warranty Period**		
9.1	Standard warranty conditions are applicable.		

S.N.	Purchaser's Specifications	Bidder's Offer
10	**Installation and Commissioning**	
10.1	Must supply preassembled unit, ready to use.	
11	**Documentation**	
11.1	Not applicable.	

15. Needle & Syringe Destroyer

S.N.	Purchaser's Specifications		Bidder's Offer
	Needle & Syringe Destroyer		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	**Description of Function**		
1.1	Needle destroyers are used to destroy the needles instantly to prevent reuse and manage waste management effectively.		
2	**Operational Requirements**		
2.1	Manual type needle destroyer		
3	**System Configuration**		
3.1	Portable, light weight Needle Destroyer.		
4	**Technical Specifications**		
4.1	Must be lightweight, portable and compact		
4.2	Stainless steel body		
4.3	Two separate hole for needle (small hole) and syringe (big hole).		
4.4	Capacity: Approx. 500 syringes		
4.5	Stainless Steel adjustable blade.		
4.6	Syringe cutting blade controlled by easy lever		

S.N.	Purchaser's Specifications	Bidder's Offer
4.7	Must be able to destroy needles of type up to 14G.	
4.8	Shall be safe, hygienic and durable.	
4.9	Autoclaveable.	
5	**Accessories, spares and consumables**	
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).	
6	**Operating Environment**	
6.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO 9001 or ISO13485:2003/AC:2007 for Medical Devices **AND**	
7.2	CE (93/42 EEC Directives)	
8	**User Training**	
8.1	Must provide user training (including how to use and maintain the equipment).	
9	**Warranty**	
9.1	Comprehensive warranty for 1 year from acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation and Commissioning**	
11.1	Must provide preassembled unit ready to use.	
12	**Documentation**	
12.1	User (Operating) manual in English	
12.2	Service (Technical / Maintenance) manual in English	

16. Guidel Airways

S.N.	Purchaser's Specifications		Bidder's Offer
	Guidel Airways		
	Manufacturer		
	Brand		
	Type/Model		
	Country Of Origin		
1	**Description of Function**		
1.1	Guidel Airways is a medical device called an airway adjunct use to maintain or open a patient airway		
2	**Operational Requirements**		
2.1	Guidel Airways suitable for patient use		
3	**Technical Specifications**		
	Must have poly ethylene, Ethylene Vinyl chloride siliconized. The oropharyngeal airway should be a curved, flattened part with an oval apparatus, Semi rigid, auto-claveable		
4	**Accessories, spares and consumables**		
4.1	Not applicable.		
5	**Operating Environment**		
5.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.		
6	**Standards and Safety Requirements**		
6.1	Must Submit ISO and CE certification		
7	**User Training**		
7.1	Not applicable.		
8	**Warranty**		
8.1	Not applicable.		
9	**Maintenance Service During Warranty Period**		

S.N.	Purchaser's Specifications	Bidder's Offer
9.1	Standard warranty conditions are applicable.	
10	**Installation and Commissioning**	
10.1	Must supply preassembled unit, ready to use.	
11	**Documentation**	
12.1	Not applicable.	

17. Weighing Machine

S.N.	Purchaser's Specifications		Bidder's Offer
	Weighing Machine		
	Manufacturer		
	Brand		
	Type/Model		
	Country of Origin		
1	**Description of Function**		
1.1	Should have adequate measuring capacity		
1.2	**Scale should be made of heavy duty**		
1.3	Display should be there		
1.4	Should operate on battery and mains		
2	**Standards and Safety Requirements**		
2.1	Must submit ISO and CE certificate		
3	**User Training**		
3.1	Not applicable.		
4	**Warranty**		
4.1	Comprehensive warranty for 1 year after acceptance.		
5	**Maintenance Service During Warranty Period**		

S.N.	Purchaser's Specifications	Bidder's Offer
5.1	Standard warranty conditions are applicable.	
6	**Installation and Commissioning**	
6.1	Must supply preassembled unit, ready to use.	

Package 3

1.USG Portable Colour Doppler

S. N.	Purchaser's Specifications	Bidders Offer
	USG Portable Colour Doppler	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	**Description of Functions**	
1.1	A general purpose portable type colour Doppler ultrasound imaging system.	
2	**Operational Requirements**	
2.1	It shall operate on AC power supply as well as built in rechargeable battery. The machine is intended to be carried to the field or the patient ward with the inbuilt battery system to examine patients who could not come to USG room.	
3	**System Configurations**	
3.1	Portable colour Doppler ultrasound imaging system, 1unit.	

S. N.	Purchaser's Specifications	Bidders Offer
3.2	1 unit of broad bandwidth of 2 - 5MHz, convex array probe for OB/GYN, abdominal and musculoskeletal application.	
3.3	1 unit of broad bandwidth of 5 - 13 MHz, linear array probe for small part and superficial scanning application.	
3.4	1 unit of Black & White thermal printer.	
4	**Technical Specifications**	
4.1	The machine is intended to be carried to the field or the patient ward with the inbuilt battery system to examine patients who could not come to USG room.	
4.2	The unit shall be lightweight and easy to carry, the total weight including 1 probe and battery shall not be more than 5kg.	
4.3	The unit must be sturdy, "drop safe", resistant to breakage & damage on minor fall or hit against the wall or hard surface.	
4.4	Shall have long lasting built-in rechargeable battery which shall support up to 2 hours of routine ultrasound examinations.	
4.5	This machine shall come with main unit, 3 units of probes, 2 built-in rechargeable Lithium ion battery packs and 1unit of black and white thermal printer.	
4.6	It shall come with a custom made trolley on castorsto hold the main unit on top with provision of a probe holder and drawers for storage of 3 probes, printer and ultrasound gel.	
4.7	Main applications: OB/GYN, abdominal, small parts, superficial parts, cardiac and vascular.	
4.8	**Main unit:**	
4.9	Display not less than 26cm (10") colour LCD display	
4.10	Full alphanumeric keyboard.	
4.11	Probe connector: 3probe connector.	
4.12	Shall come with 1 unit of broad bandwidth of 2 - 5MHz, not less than 30cm scan depth, convex array probe for OB/GYN and abdominal application.	
4.13	Shall come with 1 unit of broad bandwidth of 5 - 13 MHz, not less than 6cm scan depth, linear array probe for small part and superficial scanning application.	
4.14	The system shall accept most of the common probe types of: convex array, linear array, phased array.	
4.15	Imaging modes: M-mode, B-mode, 2-D, Tissue harmonic imaging, Velocity Color Doppler, Color power Doppler PW, PW tissue Doppler and CW Doppler	
4.16	System shall be incorporated with English operation menu and reporting.	
4.17	With digital broad bandwidth multi-frequency imaging	

S. N.	Purchaser's Specifications	Bidders Offer
	capability.	
4.18	With Doppler angle and angle correction.	
4.19	Frame rate: not less than 50fps.	
4.20	Display depth: minimum 30cm.	
4.21	Matrix size: 512 x 512 x 8bit.	
4.22	Grayscale levels: 256.	
4.23	**The machine shall include the following functions:**	
4.24	Programmable pre-set examination protocols store common setting related to image display/adjustment, annotation, picture archiving,etc.	
4.25	Obstetric analysis: BPD (biparietal diameter), CRL (crown-rump length), AC (abdominal circumference), HC (heart circumference), FL (foetal length), GS (gestation sac), GA (estimation of gestation age), foetal weight, heart rate and etc.	
4.26	OB/GYN reporting.	
4.27	Small part analysis.	
4.28	Cardiac analysis with intima medial thickness measurement.	
4.29	Velocity Colour to detect colour flow with PW & CW Doppler.	
4.30	Body markers.	
4.31	Time & slope for M-Mode.	
4.32	Contrast with 8 - 10 steps adjustment.	
4.33	Image pan, zoom, freeze, text annotation.	
4.34	Focus: 4-point adjustment.	
4.35	Automatic gain control.	
4.36	Near and far Gain adjustment.	
4.37	With pre- and post- processing.	
4.38	With tissue harmonic imaging.	
4.39	With tissue optimization function.	
4.40	With function to reduce patch noise and other image artefacts without compromising quality of images.	
4.41	With multi-beam imaging.	
4.42	With clear visual of biopsy needle position.	
4.43	With dual and duplex imaging.	
4.44	Dynamic range, selectable up to approximately 165dB.	
4.45	Image storage: Shall be able to store still and video images, shall be able to store about 1000 images on main unit.	
4.46	Cine memory of 250 or more frames for cine loop playback.	

S. N.	Purchaser's Specifications	Bidders Offer
4.47	Shall be DICOM compatible, shall have USB or equivalent for transfer of images to PC.	
4.48	Encryption of patient data on system	
5.0	**Accessories, Spare Parts and Consumables**	
5.1	All standard accessories/consumables/parts (including 2 bottles of ultrasound gel) required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.	
5.2	All standard Maintenance tools and cleaning /lubrication materials where applicable shall be included. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.	
6	**Operating Environment**	
6.1	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metres in length.	
7	**Standards & Safety Requirements**	
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**	
7.2	CE (93/42 EEC Directives) **AND** USFDA approved product certificate.	
7.3	Electrical safety conforms to standards for Electrical Safety IEC 60601-2-37 Medical electrical equipment – Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment.	
8	**User Training**	
8.1	The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users. Application cum service training for clinician and Biomedical engineer/technician to be provided.	
9	**Warranty**	
9.1	Comprehensive warranty for 2 years after acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	During the warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.	
11	**Installation and Commissioning**	
11.1	Supplier must accomplish proper installation & commissioning of equipment onsite.	
12	**Documentation**	

S. N.	Purchaser's Specifications	Bidders Offer
12.1	User (Operating) manual in English.	
12.2	Service (Technical / Maintenance) manual in English.	
12.3	List of important spare parts and accessories with their part number and costing.	
12.4	Certificate of calibration and inspection from factory.	

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee

2. Blood Gas Analyser

S.N.	Purchaser's Specifications	
	Blood Gas Analyser	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	Blood gas analysers are used to measure blood gases, electrolytes, pH values and biochemical parameters of the blood	
2	**Operational Requirements**	
2.1	Fully automatic, upgradeable, fast electrolyte combi analyser.	
3	**System Configuration**	
3.1	Fully automatic Blood Gas Analyser with electrodes and built in printer.	
4	**Technical Specifications**	
4.1	Essential Measured parameters; pH, pCO2, pO2, tHb, Barometric Pressure, Na+, K+, Ca++, Cl-, Bl urea and Sr Creatanine & Blood sugar, HCT, Metabolited(Urea,creatinin,Lactate), Coagulation profile . These parameters must be measured simultaneously or in group form.	
4.2	Calculated parameters must include BE, BE ecf, HCO3, Lactate, Anion Gap, SaO2.	
4.3	Sample volume-less than 100ul.	

S.N.	Purchaser's Specifications
4.4	Fast analysis time – less than 60 sec
4.5	Maintenance free electrodes with individual electrodes ON/OFF facility
4.6	Continuous reagent level monitoring with graphic display.
4.7	Data display on well-illuminated, adequate size LCD colour touch screen display.
4.8	System should have provided bluetooth connected thermal printer
4.9	Built in auto Quality control facility
4.11	Automatic result processing, test ordering and transmission to the LIS/HIS system (laboratory Information System/Hospital Information System)
4.12	Automatic data archiving and customizable layout. Data backup with read/write CD-ROM drive
4.13	Must have wireless and bluetooth connectivity
5	**Accessories, spares and consumables**
5.1	**Accessories:** • Reagents for one year@20 samples/day or as per requirement must be provided along with the machine. • Electrodes for all the parameters as specified -01 set • Quality control tools/reagents for one year @20 samples a day-01 set or as per requirement. • Cost of reagents must be quoted for comparative evaluation.
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).
6	**Operating Environment**
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. Must operated from both battery and AC adapter
6.3	UPS of suitable rating shall be supplied for minimum 30 min. backup for the entire system.
7	**Standards and Safety Requirements**
7.2	Must submit CE (93/42 EEC Directives) And USFDA approved product certificate for machine and product

S.N.	Purchaser's Specifications
7.3	Shall meet IEC 61010-2-081: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes
8	**User Training**
8.1	Must provide user training (including how to use and maintain the equipment).
9	**Warranty**
9.1	Comprehensive warranty for 2 years after acceptance.
10	**Maintenance Service During Warranty Period**
10.1	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.
11	**Installation and Commissioning**
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.
12	**Documentation**
12.1	User (Operating) manual in English
12.2	Service (Technical / Maintenance) manual in English
12.3	List of important spare parts and accessories with their part numbers and costing.
12.4	Certificate of calibration and inspection from factory.
NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.	

3. **Video Laryngoscope**

S.N.	Purchaser's Specifications	
	Video Laryngoscope SetAdult	
	Manufacturer	

S.N.	Purchaser's Specifications	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	Video assisted Laryngoscopy to assist endotracheal intubation of adults, children and infants during anaesthesia or resuscitation.	
2	**Operational Requirements**	
2.1	Should work on normal AAA battery. Should have channeled and non-channeled blades.	
3	**System Configuration**	
3.1	Video Laryngoscope set for adult, complete unit.	
4	**Technical Specifications**	
4.1	It shall have large hollow, cylindrical, slightly ribbed handle.	
4.2	• Equipment should have Anti Fog Lens and White LED light source.	
4.3	• Display monitor should be fixed and mount on the blade.	
4.4	Monitor should have Video output capability to be compatible with external monitor and recording devices.	
4.5	• Wide range of blade available for adult.	
4.6	• The sterile blade should have design to provide minimal lifting of soft tissue and impact on teeth during laryngoscopy and intubation.	
4.7	It shall be sterilizeable. Viewing angel should be at least 160 degree	
5	**Accessories, spares and consumables**	
5.1	**Accessories:** • Spare bulbs: 3 channeled blades and one non channeled blades • Normal AAA batteries: 1 nos. • Durable protective box: 1 no.	

S.N.	Purchaser's Specifications
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).
6	**Operating Environment**
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.
6.2	It shall be battery operated system.
7	**Standards and Safety Requirements**
7.1	Must submit ISO
7.2	CE or USFDA approved product certificate.
8	**User Training**
8.1	Not applicable.
9	**Warranty**
9.1	Warranty for 2 years after acceptance.
10	**Maintenance Service During Warranty Period**
10.1	Standard warranty conditions are applicable.
11	**Installation and Commissioning**
11.1	Must supply preassembled unit, ready to use.
12	**Documentation**
12.1	User (Operating) manual in English.
12.2	Service (Technical / Maintenance) manual in English.
12.3	List of important spare parts and accessories with their part number and costing.

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

4. Fibreoptic Bronchoscope

S.N.	Purchaser's Specifications		Bidder's Compliance Sheet		
	Fibreoptic Bronchoscope			**Ref Docs Page No**	
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	The flexible fibreoptic bronchoscope is used for diagnostic and therapeutic procedures in critically ill patients for difficult intubation.				
2	**Operational Requirements**				
2.1	The flexible Fibreoptic Bronchoscope must be supplied complete with light source and trolley.				
3	**System Configuration**				
3.1	Flexible video bronchoscope with led light source and complete accessories				
4	**Technical Specifications**				
4.1	Light weight, high resolution bronchoscope with light cable				
4.2	Field of view min. 120 degrees				
4.3	Depth of field min. 3mm to 50 mm				
4.4	Distal end diameter 5.2 mm approx.				
4.5	Must allow approx. 6.5mm endotracheal tube to be mounted easily				
4.6	Bending range UP 180 degree or DOWN 130 degree.				
4.7	Working length 600 mm or more.				

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
4.8	Total length 900 mm or more.			
4.9	Channel diameter 2.2 mm or more.			
4.10	Autoclaveable suction valve to avoid risk of cross contamination.			
4.11	Telescopic has video monitoring on screen			
4.12	Bending mechanism knob without lock.			
4.13	Fully immersible in disinfectant solution			
4.14	Leak testing facility with automatic & pressure regulated air feeding or pressure gauge leak testing			
4.16	**Video Processing System:** • Fully immersible camera head and cable assembly • Video processing camera. • COMS with digital signal processing • Resolution: 470 horizontal lines approx. or better • Signal to Noise Ratio > 50 dB. • Rotatable and detachable coupler (adaptor) with focussing facility. • Video output HDMI and composite			
5	**Accessories, spares and consumables**			
5.1	**Accessories:** • Flexible Fibreoptic Bronchoscope- 01 • Mobile Plastic Operating cart- 01 • Reusable and autoclaveable biopsy forceps- 2 nos. • Brush Biopsy (Protected) - 50 pieces. • Foreign body forceps basket type- 2 nos.			
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).			
6	**Operating Environment**			
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate,			

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
	Temperature, Humidity, etc.			
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.			
11	**Installation and Commissioning**			
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English			
12.3	List of important spare parts and accessories with their part number and costing.			
12.4	Certificate of calibration and inspection from factory.			

NOTE:-Bidder must completely fill the Technical specification form (TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

5. Glucometer

S.N.	Purchaser's Specifications		Bidder's Compliance Sheet
	Glucometer		
	Manufacturer		
	Brand		
	Type/Model		
	Country Of Origin		
1	**Description of Function**		
1.1	**Glucometer to check patient sugar**		

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet
2	**Operational Requirements**	
2.1	**Glucometer suitable for normal environment**	
3	**System Configuration**	
3.1	**Glucometer**	
4	**Technical Specifications**	
	Weight must be less then 100gm, Data storage must be more then 200 results, Sample volume less then 3 microliter, Result display less then 10 second, with LCD B/W screen	
5	**Accessories, spares and consumables**	
5.1	Not applicable.	
6	**Operating Environment**	
6.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.	
7	**Standards and Safety Requirements**	
7.1	Must Submit ISO and CE certification	
8	**User Training**	
8.1	Not applicable.	
9	**Warranty**	
9.1	Not applicable.	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation and Commissioning**	
11.1	Must supply preassembled unit, ready to use.	
12	**Documentation**	
12.1	Not applicable.	

6. Blood Warmer

S.N.	Purchaser's Specifications
	Blood Warmer
	Manufacturer
	Brand
	Type / Model
	Country of Origin
1	**Description of Function**
1.1	Blood Warming System provides a quick and versatile solution to help prevent inadvertent hypothermia during surgery and other procedures requiring fluid administration.

S.N.	Purchaser's Specifications
2	**Operational Requirements**
2.1	System that warms the infusion and irrigating solutions & supply of this heated infusion solution to the patient.
3	**System Configuration**
3.1	Fluid Warming-Delivery System, complete unit.
4	**Technical Specifications**
4.1	Modular type Microprocessor controlled unit for warming & infusion of intravenous & irrigating solutions.
4.2	With facility to store the warm fluid.
4.3	Temperature range: 37° C-42° C, with Accuracy of +/- 0.5° C of set temp point.
4.4	Temperature (in Fahrenheit and Celsius) shall be set & monitored through digital LED display.
4.5	The set temperature shall be achieved in less than half an hour.
4.6	Desirable feature of delivery of high volumes and flows while constantly maintaining the infusion temperature.
4.7	Shall have safety feature of cut-off protection with alarms preferably audio-visual, if temperature exceeds 1.5-2° C of set temperature.
4.8	Cabinet shall be of good quality having minimum two drawers to store accessories & keep the warm solution bags to remain warm till infusion.
4.8	
4.10	Storage temperature in cabinet shall be in the range between 37 ^{o}C-40 ^{o}C.
4.11	It shall accommodates selected temperature flow rates from KVO to approx. 500 ml/min.
4.12	Unit shall be mobile on heavy duty castor with locking brakes.
5	**Accessories, spares and consumables**
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).
6	**Operating Environment**
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.

S.N.	Purchaser's Specifications
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.
7	**Standards and Safety Requirements**
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.
7.3	Certified for meting IEC60601-2-24: Particular requirements for the safety of infusion pumps and controllers.
8	**User Training**
8.1	Must provide user training (including how to use and maintain the equipment).
9	**Warranty**
9.1	Comprehensive warranty for 2 years after acceptance.
10	**Maintenance Service During Warranty Period**
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.
11	**Installation and Commissioning**
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.
12	**Documentation**
12.1	User (Operating) manual in English.
12.2	Service (Technical / Maintenance) manual in English
12.3	List of important spare parts and accessories with their part number and costing.
12.4	Certificate of calibration and inspection from factory.

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

7. BIPAP (Bi-level Positive AirwayPressure)

S.N.	Purchaser's Specifications		Bidder's Compliance sheet		
	BIPAP (Bi-level Positive Airway Pressure)		**Yes/NO**	**Page No in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	BIPAP stands for Bi-level Positive Airway Pressure. It is a breathing apparatus that helps people get more air into their lungs.				
2	**Operational Requirements**				
2.1	Integrated touch screen display shall display easy-to-read real time graphics in waveform or bar scale format the measured and calculated parameters.				
3	**System Configuration**				
3.1	BIPAP (Bi-level Positive Airway Pressure), complete unit with all standardaccessories.				
4	**Technical Specifications**				
4.10	Machine shall be based on the solenoid valve technology and shall offer preferably auto track sensitivity and adjustable risetime.				
4.11	CPAP operating pressure range: 4 cmH2O to 20 cmH2O				
4.12	IPAP: approx. 4 to 30cmH2O.				
4.13	EPAP: approx. 4 to 25cmH2O.				
4.14	Breath rate: Auto, 0 bpm to 35 bpm				
4.15	Relative inspiration duration Ti/Tset: 20% to 67%				
4.16	Ti: 500 ms to 4000 ms				
4.17	Trigger inspiration: Auto, can be set to 3 levels				

4.18	Trigger expiration: Auto, can be set to 3 levels			
4.19	Pressure rise rate: Can be set to 4 levels			
4.20	Pressure drop rate: Can be set to 3 levels			
4.21	Target volume: 300 ml to 2000 ml			
4.22	Pressure adjustment: Can be set to 3 levels			
4.23	Should have modes: CPAP, APAP, autoS/T, S, S/T, T, aPCV			
4.24	Should have facility to ensure target volume in all BIPAP modes			
4.25	Should have flow more than 200 L/min			
4.26	Should have SCOPES(indication-specific pre-settings) for COPD and hypoventilation			
4.27	High resolution therapy data for up to 14 days and detailed statistics for 366 days			
4.28	Should have SD card and USB port			
4.29	Should have remote management via LAN with therapy software(option)			
4.30	Should have separate operation menus for experts and patients allow navigation tailored to user's needs			
4.31	Should have comfort functions such as softSTART and autoSTART-STOP			
4.32	Should have identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations			
4.33	Should have alarms of leaks, disconnection(tube), apnea, low minute volume, low tidal volume			
4.34	Recommended maximum additional oxygen Flow: 15 L/min			
4.35	Classification as per DIN EN 60601-1: Operating mode: Continuous			

4.36	Should have facility for upgrades.			
5	**Accessories, spares and consumables**			
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specifiedabove).			
6	**Operating Environment**			
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: 110V – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
6.3	Device can operate at air pressure range of 700 – 1060 hPa corresponds to altitude of 3000 meters			
6.4	Electric rating should be max. 40VA			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During warranty period supplier must ensure corrective/breakdown maintenance wheneverrequired.			
11	**Installation and Commissioning**			
11.1	Supplier must accomplish proper commissioning of equipment on site.			

12.	**Documentation**			
12.1	User (Operating) manual in English			
12.2	Service (Technical / Maintenance) manual in English			
12.3	Certificate of calibration and inspection from factory			

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

8. CPAP

S.N.	**Purchaser's Specifications**		**Bidder's Compliance sheet**		
	CPAP (CONTINUOUS Positive Airway Pressure)		**Yes/NO**	**Page No in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	CPAP stands for Continuous Positive Airway Pressure. It is a breathing apparatus which is used for treating patients with obstructive sleep apnea with a constant pressure requirement.				

	APAP stands for Auto titrating Positive Airway Pressure. It is used for treating patients with obstructive sleep apnea with a variable pressure requirement. Therapy pressure adapts automatically to the patient's pressure requirement.			
2	**Operational Requirements**			
2.1	Integrated LCD display screen shall display easy-to-read real time graphics in waveform or bar scale format the measured and calculated parameters.			
3	**System Configuration**			
3.1	Auto CPAP complete unit with all standardaccessories.			
4	**Technical Specifications**			
4.1	Machine shall be based on the solenoid valve technology and shall offer preferably auto track sensitivity.			
4.2	CPAP operating pressure range: 4 cmH2O to 20 cmH2O			
4.3	Should have modes: CPAP, APAP			
4.4	Should have Standard and Dynamic mode in APAP			
4.5	Should have portion of deep sleep indicator			
4.6	Should have flow upto 160 L/min			
4.7	High resolution therapy data for up to 14 days and detailed statistics for 366 days			
4.8	Should have SD card.			
4.9	Should have standard operating concept and clearly structured, target group-oriented menus(for patients and experts)			
4.10	Should have comfort functions such as softSTART and autoSTART-STOP			
4.11	Should have identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations			
4.12	Recommended maximum additional oxygen Flow: 15 L/min			

4.13	Classification as per DIN EN 60601-1: Duty cycle: Continuous duty			
4.14	Should have facility for upgrades.			
5	**Accessories, spares and consumables**			
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specifiedabove).			
6	**Operating Environment**			
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: 110V – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
6.3	Device can operate at air pressure range of 700 – 1060 hPa corresponds to altitude of 3000 meters			
6.4	Electric rating should be max. 40VA			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO certificate for Medical Devices			
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During warranty period supplier must ensure corrective/breakdown maintenance wheneverrequired.			
11	**Installation and Commissioning**			

11.1	Supplier must accomplish proper commissioning of equipmentonsite.			
12.	**Documentation**			
12.1	User (Operating) manual in English			
12.2	Service (Technical / Maintenance) manual in English			
12.3	Certificate of calibration and inspection from factory			

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

9. Portable X-ray Machine

S.N.	**Purchaser Requirement**		
	Technical Specification	**Bidders Offer**	**Remarks**
	Manufacturer:		
	Brand:		
	Type / Model No:		
	Country of Origin:		
1.	**Description of Function**		
	Portable X- Ray is used in hospitals to perform radiography on patients who are in such critical condition that they cannot easily be transported to the radiology department.		
2	**Technical Specifications**		
2.1	X-ray Generator		
2.2	Type: High Frequency microprocessor controlled		
2.3	Power Output: =3.5 KW		

2.4	KV Range: 40 to 110 KVP or above in 1KV /Step or less		
2.5	Minimum mA: =70mA		
2.6	mAs Range: 0.1 – 200 mAs		
2.7	Control		
2.8	Rectangular in shape with membrane switches/ touch switches for various operations having following & indications:		
2.9	Machine on/off switch		
2.10	Digital Display of KV and mAs		
2.11	KV and mAs increase and decrease switches		
2.12	Ready and X-ray on switch with indicators in audio and visual method		
2.13	Stand by and exposure release switch		
2.14	Self-diagnostic must have program with indicators for:		
2.15	Earth fault error		
2.16	KV error		
2.17	Filament error		
2.18	Tube Head thermal overload / interlocks		
2.19	X-ray ON indicator		
2.20	Incoming Voltage indicator with voltage compensator		
2.21	Exposure cord distance = 1.5 meters.		
2.22	Mains cable length = 2.5 meters.		
2.23	X-ray tube head		
2.24	The mono block consists of X-ray tube, H.V. transformer, filament transformer, H.V. rectifiers and capacitors, all immersed in high grade oil with high dielectric strength		
2.25	Tube type: Stationary Anode		
2.26	Tube Focal Spot: 1.6 mm X 2.0 mm		
2.27	Anode Heat Storage Capacity: 35KJ or above		
2.28	KV Step: Jump step of 1 KV, from 40 - 120 KV		
2.29	Technique selection: 2 point technique (KV and mAs)		
2.30	Collimator		
2.31	Should have light beam diaphragm with LED or other light mechanism with adjustment of exposure area		
2.32	Handle for collimator rotation: +90 to -90 degrees		
2.33	Tube Stand		
2.34	Should have mobile stand with 4-wheel design, which ensure easy mobility and steering		
2.35	Should have cassette storage box		
2.36	Should have large nylon wheels for easy mobility		
2.37	The stand should be designed for maximum maneuverability of the unit and should be able to achieve tube focus to floor distance of about 50 to 100 inch and tube focus to table top distance of 40-60 inches.		

3	**Power Supply**		
3.1	220V, AC, 50Hz, 15Amps with line regulation of ± 10%.		
4	**Terms and Condition**		
4.1	Should be ISO, CE or USFDA approved		
4.2	Bidders should provide original catalogue or e-copy that co-relates with Yes/No Chart.		
4.3	The supplier should fill the technical tender form and clearly mention the manufacturer, model no., and country of origin/made in, else technically will be disqualifies		
5	**Training**		
5.1	Operator training should be given at the time of installation.		
5.2	Onsite maintenance training to the Hospital's Engineer and clinical training / Operating training to the users.		
6	**Warranty**		
6.1	Comprehensive warranty for 1 years after acceptance		
7	**Installation and Commissioning**		
7.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel.		
8	**Documentation**		
8.1	User (Operating) manual in English		
8.2	Service manual in English		

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

10 Pulse Oxymeter

S.N.	Purchaser's Specifications		Bidders offer
	Pulse Oxymeter		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	**Description of Function**		
1.1	A pulse Oxymeter is a medical device that indirectly measures the amount of oxygen in a patient's blood (as opposed to measuring oxygen saturation directly through a blood sample) and changes in blood volume		

S.N.	Purchaser's Specifications	Bidders offer
	in the skin, producing a photoplethysmography.	
2	**Operational Requirements**	
2.1	Suitable for all types of patient range, adult, paediatric and infant.	
3	**System Configuration**	
3.1	Pulse Oxymeter, complete unit with all standard accessories.	
4	**Technical Specifications**	
4.1	It shall be portable unit.	
4.2	Display- LCD,	
4.3	Parameters and waveform displayed- SpO2, pulse rate, system status, plethysmogram, menus for user settings, Battery status.	
4.4	SPO2 range: 35 -100 %.	
4.5	Accuracy of SPO2: ±2 %(80~100%); ±3% （70%~79%)	
4.6	Pulse rate range must be 25-250bpm.	
4.7	Should have audible alarms for high/low SpO2 and pulse rate	
4.8	Shall have alarm limits Adjustable by User	
4.9	It must be suitable to operate in the presence of potentially flammable anaesthetic gases, and it shall not cause fire or explosion during operations.	
4.10	Should have Lower consumption, original two AA batteries can continuously work for 14 hours at least and Automatic power down when no use for about 10 seconds.	
5	**Accessories, spares and consumables**	
5.1	**Accessories:** • Pulse oximeter 1pcs • ResuableSpO_2 sensor 1pcs • Battery for running system 2pcs	

S.N.	Purchaser's Specifications	Bidders offer
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).	
6	**Operating Environment**	
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**	
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.	
7.3	Electrical safety conforms to standards for electrical safety IEC 60601-1 General requirement for Electrical safety of Medical Equipment.	
8	**User Training**	
8.1	Must provide user training (including how to use and maintain the equipment).	
9	**Warranty**	
9.1	Comprehensive warranty for 2 years after acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.	
11	**Installation and Commissioning**	
11.1	Supplier must accomplish proper installation & commissioning of equipment onsite.	
12	**Documentation**	
12.1	User (Operating) manual in English.	
12.2	Service (Technical / Maintenance) manual in English.	

11. Oxygen Concentrator

S.N.	Purchaser's Specifications		Bidders offer
	Oxygen Concentrator		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	**Description of Function**		
1.1	Oxygen concentrator produces oxygen from ambient air.		
2	**Operational Requirements**		
2.1	Integrated Oxygen sensing device (OSD) measures concentration at flow meter entrance.		
3	**System Configuration**		
3.1	Oxygen Concentrator set complete with Flow Splitter.		
4	**Technical Specifications**		
I	**Oxygen Concentrator**		
4.1	Output flow: max 5l/min.		
4.2	Flow meter range: 1 to 5l/min.		
4.3	Output pressure: 60kPa.		
4.4	Oxygen concentration: 95% +/- 3% at 1-3l/min, 92% +/- 3% at 4l/min, 90% +/- 3% at 5l/min.		
4.5	Time to reach 95% the specified performance: 5 minutes.		
4.6	Four-step filtering (coarse, pre, inlet and bacterial) of air-intake.		
4.7	All filters replaceable, coarse filter washable/reusable.		
4.8	Continuous monitoring, with visual and audible alert on: • Low and high output pressure • Low oxygen concentration • Oxygen monitor: amber light on the front illuminates when oxygen concentrator is below 85%. If concentration remains below 85% for more than 15 minutes, an audible alarm sounds. • Power failure • Battery test.		

S.N.	Purchaser's Specifications	Bidders offer
4.9	Temperature operating range: 20 to 60^{O}C.	
4.10	Sound level produced: max 50dB (A).	
4.11	Shall have 4 antistatic swivel casters, 2 with brakes and with integrated handle allows for easy moving and positioning.	
II	**Flow Splitter for Oxygen Concentrator**	
4.12	Five way split of oxygen flow provided by an oxygen concentrator.	
4.13	Each flow can be adjusted individually via its flow meter, range: 0.125 to 2l/min	
4.14	The output nozzle can either be fit with tubing or left blank.	
4.15	Input pressure: approx. 50 to 350kPa.	
4.16	Flow splitter allows precise distribution of the oxygen output of a concentrator towards 2, 3, 4 or 5 patients, i.e. neonates and infants.	
5	**Accessories, spares and consumables**	
5.1	**Accessories:** • 2 x Adult cannula, with 2m tubing. • 4 x Infant/Paediatric cannula, with 2m tubing. • 4 x New-born cannula, with 2m tubing. • 3 x Connector for above. • 4 x Humidifiers. • 4 x 50' tubing. • 4 x tubing adapter kit. • 6 x Spare coarse filters. • 3 x Spare pre-filters. • 3 x Spare inlet-filters. • 3 x Spare bacterial-filters.	
5.2	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.	
6	**Operating Environment**	
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature,	

S.N.	Purchaser's Specifications	Bidders offer
	Humidity, etc.	
6.2	Power supply: 220-240VAC, 50Hz fitted with appropriate plug. The power cable must be minimum 3 metres long. Power consumption, approx.: 500 W.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO Medical Devices AND certificate	
7.2	CE approved	
8	**User Training**	
8.1	Must provide user training.	
9	**Warranty**	
9.1	Comprehensive warranty for 1year after acceptance.	
10	**Maintenance Service During Warranty Period**	
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.	
11	**Installation and Commissioning**	
11.1	The supplier must accomplish proper installation and commissioning of equipment onsite.	
12	**Documentation**	
12.1	User (Operating) manual in English.	
12.2	Service (Technical / Maintenance) manual in English.	
12.3	List of important spare parts and accessories with their part number and costing.	
12.4	Certificate of calibration and inspection from factory.	

NOTE:-Bidder must completely fill the Technical specification form(TSF). Only Yes/no/all complies should not be written. Page number in catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

12. Bedside, Locker

S.N.	Purchaser's Specifications		Bidders offer
	Cabinet, Bedside, Locker		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	**Description of Function**		
1.1	A bedside locker simplifies the work of the caregiver and it enhances the comfort and autonomy of the patient in terms of accessibility, convenience and storage capacity.		
2	**Operational Requirements**		
2.1	All metal construction (machine pressed CRCA steel sheets) with heavy duty anti-corrosive and antirust treated epoxy powder coated finish (other finishes are NOT acceptable). Legs Mild steel tubular construction epoxy powder coated treated.		
3	**System Configuration**		
3.1	Bedside cabinet/locker, complete unit.		
4	**Technical Specifications**		
4.1	Feet to be capped with heavy duty plastic buffers.		
4.2	Overall approximate size 820mm H x 400mm W x 400mm L		
4.3	Fitted with superimposed stainless steel top. Top to have lip or edge or retaining rail to prevent items slipping off, Finish must be smooth.		
4.4	With stainless steel towel rail.		
4.5	Lockable drawer immediately beneath the top, minimum height of drawer 18 cm.		
4.6	Below the drawer space open on all four sides – min 20 cm height to the cupboard to allow access from all sides.		

S.N.	Purchaser's Specifications	Bidders offer
4.7	Below the open space one cupboard with metal handle/knob with reversible hinge Cabinet door so that the door direction can be adjusted to open to the right or left depending on where it is to be used.	
5	**Accessories, spares and consumables**	
5.1	Not applicable.	
6	**Operating Environment**	
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 **AND**	
7.2	CE or USFDA approved product certificate.	
8	**User Training**	
8.1	Not applicable.	
9	**Warranty**	
9.1	Comprehensive warranty for 1 year.	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation and Commissioning**	
11.1	Must supply preassembled unit, ready to use.	
12	**Documentation**	
12.1	Not applicable.	

Section VI. General Conditions of Contract

Table of Clauses

SectionVI. General Conditions ofContract

1. Definitions

1.1. The following words and expressions shall have the meanings hereby assigned tothem:

(a) "Contract" means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documentsincorporated by referencetherein.

(b) "Contract Documents" means the documents listed in the Agreement, including any amendmentsthereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to theContract.

(d) "Day" means calendarday.

(e) "Delivery" means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in theContract.

(f) "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in theContract.

(g) "GCC" means the General Conditions ofContract.

(h) "Goods"meansallofthecommodities,rawmaterial,machinery andequipment,and/orothermaterialsthattheSupplieris requiredtosupplytothePurchaserundertheContract.

(i) "Purchaser"s Country" is the country specified in the Special Conditions of Contract(SCC).

(j) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in theSCC.

(k) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and othersimilar obligations of the Supplier under the Contract.

(l) "SCC" means the Special Conditions ofContract.

(m) "Subcontractor" means any natural person, private or governmententity,oracombinationoftheabove,includingits legal successors or permitted assigns, to whom any part of the Goods to be supplied or execution of any part of the RelatedServicesissubcontractedbytheSupplier.

(n) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to performtheContracthasbeenacceptedbythePurchaser and is named as such in the Agreement, and includesthe legal successors or permitted assigns of theSupplier.

(o) "GoN" means the Government ofNepal.

(p) "TheSite,"whereapplicable,meanstheplacenamedintheSCC.

2. Contract Documents

2.3 Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.

3. Fraud and Corruption

3.1 If the Purchaser determines that the Supplier has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Purchaser may, after giving 14 days noticeto the Supplier, terminate the Supplier's employment under the ContractandtheprovisionsofGCCClause34.1shallapply.

For the purposes of this Sub-Clause:

(i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of anotherparty;

(ii) "fraudulent practice"2 is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid anobligation;

(iii)"collusive practice"3 is an arrangement between two or more parties designed to achieve an improperpurpose,

[2] a "party" refers to a public official; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contractexecution.

[3] "parties" refers to participants in the procurement process (including public officials) attempting to establish

bid prices at artificial, non competitivelevels.

including to influence improperly the actions of another party;

(iv) "coercive practice"4 is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of aparty;

(v) "obstructive practice"is

(aa)deliberatelydestroying,falsifying,alteringorconcealingof evidence material to the investigation or making false statements to investigators in order to materially impede a GoN/DP investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation;or

(bb) acts intended to materially impede the exercise of the GoN/DP"sinspectionandauditrightsprovidedforunder ITB Clause 3.5 and GCC Clause25.

3.2 Without prejudice to any other rights of the Purchaser under this Contract, GoN may **blacklist**a Bidder/Supplier for its conduct for a period of one (1) to three (3) years on the following grounds and seriousness of the act committed by thebidder:

(a) if it is established that the Supplier committed acts specified in ITB3.2,

(b) if it is established later that the Bidder has committed substantial defect in implementation of the contract or has not substantially fulfilled its obligations under the contract or the completed work is not of the specified quality as per thecontract.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 EntireAgreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes allcommunications,

[4] a "party" refers to a participant in the procurement process or contractexecution.

negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.

4.3 Amendment

No amendment or other variation of the Contract shall be valid unlessitisinwriting,isdated,expresslyreferstotheContract,and issignedbyadulyauthorizedrepresentativeofeachpartythereto.

4.4 Nonwaiver

(a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach ofContract.

(b) Any waiver of a party‟s rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is beingwaived.

4.5 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of theContract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the SCC, in which case, for purposes of interpretation of the Contract, this translation shallgovern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy ofsuch translation.

6.	**Joint Venture, Consortiumor Association**	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leaderwith authority to bind the joint venture, consortium, or association. A bidder can submit only one bid either as a partner of the joint venture or individually. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of thePurchaser.
		6.2 The contractor shall not handover the responsibilityofthecontracttoanyonememberor some members of Joint Venture or any other parties, not involved in thecontract.
7.	**Notices**	7.1 Any Notice given by one party to the other pursuant tothe Contract shall be in writing to the address specified inthe SCC. The term "in writing" means communicated in written form with proof of receipt.
		7.2 A Notice shall be effective when delivered or on the Notice"s effective date, whichever islater.
8.	**GoverningLaw**	8.1 The Contract shall be governed by and interpretedin accordance with the laws of Nepal.
9.	**Settlementof Disputes**	9.1 The Purchaser and the Supplier shall make every effort to settle amicably by direct negotiation any disagreement or dispute arising between them under or in connection with theContract.
		9.2 Any dispute between the Parties as to matters arising pursuant to this Contract which cannot be settled amicably within thirty (30) days after receipt by one Party of theother Party,,srequestforsuchamicablesettlementmaybereferred to Arbitration within 30 days after the expiration of amicable settlement period as specified inSCC.
10.	**ScopeofSupply**	10.1 Subject to the SCC, the Goods and Related Services tobe supplied shall be as specified in Section V, Schedule of Requirements.
		10.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and RelatedServices

as if such items were expressly mentioned in the Contract.

11. Delivery

11.1 Subject to GCC Sub-Clause 31.1, the Delivery of the Goods and Completion of the Related Services shall be inaccordance with the Delivery and Completion Schedule specified in the Section V, Schedule of Requirements. The details of documents to be furnished by the Supplier are specified in the SCC.

12. Supplier's Responsibilities

12.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supplyin accordance with GCCClause10,andtheDeliveryandCompletionSchedule, as per GCC Clause11.

13. Purchaser's Responsibilities

13.1 Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals, and import and other licenses from public authorities in Nepal, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditiousmanner.

13.2 The Purchaser shall pay all costs involved in the performance of its responsibilities, in accordance with GCC Sub-Clause13.1.

14. Contract Price

14.1 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions there from, as may be made pursuant to the Contract.

14.2 Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Termsof Payment

15.1 The Contract Price shall be paid in NepaleseCurrency.

15.2 The Supplier‟s request for payment shall be made to the Purchaserinwriting,accompaniedbyinvoicesdescribing,as appropriate, the Goods delivered and Related Services performed,andbythedocumentssubmittedpursuanttoGCC Clause 11 and upon fulfillment of all the obligations stipulated in theContract.

15.3 Payments shall be made promptly by the Purchaser, no later than thirty (30) days after submission of an invoiceor request for payment by the Supplier, and the Purchaserhas

accepted it.

16. Taxes and Duties

16.1 For goods supplied, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred untildeliveryofthecontractedGoodstothePurchaser

17. Performance Security

17.1 The Supplier shall, within fifteen (15) days of the receipt of notification of Contract award, provide a Performance Security for the due performance of the Contract in the amounts and currencies specified in theSCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier‟sfailure to complete its obligations under the Contract.

17.3 The Performance Security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser, and shall be in one of the forms stipulated by the Purchaser in the SCC, or in another form acceptable to thePurchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not laterthan thirty (30) days following the date of completion of the Supplier‟s performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1Thecopyrightinalldrawings,documents,andothermaterials containingdataandinformationfurnishedtothePurchaserby the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such thirdparty.

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or otherinformationfurnisheddirectlyorindirectlybytheother party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractorsuch documents,data,andotherinformationitreceivesfromthe Purchaser to the extent required for the Subcontractorto

perform its work under the Contract, in which event the SuppliershallobtainfromsuchSubcontractoranundertaking of confidentiality similar to that imposed on the Supplier under GCC Clause19.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the Contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaserforanypurposeotherthanthedesign,procurement,or other work and services required for the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses19.1 and 19.2 above, however, shall not apply to information that:

(a) the Purchaser or Supplier need to share with the Donor for Donor funded project or other institutions participating in the financing of theContract;

(b) now or hereafter enters the public domain through no fault of that party;

(c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from theother party; or

(d) otherwise lawfully becomes available to that party from a third party that has no obligation ofconfidentiality.

19.4 The above provisions of GCC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any partthereof.

19.5 The provisions of GCC Clause 19 shall survive completion or termination, for whatever reason, of theContract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Subcontracting shall in no event relieve the Supplier from any of its obligations, duties, responsibilities, or liability under theContract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses3.

21. Specifications and Standards

21.1 Technical Specifications andDrawings

(a) The Supplier shall ensure that the Goods and Related Services comply with the technical specifications and other provisions of theContract.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to thePurchaser.

(c) The Goods and Related Services supplied under this Contract shall conform to the standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods.

21.2 Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Section V, Schedule of Requirements Requirements. During Contract execution,any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause32.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points intransit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract,includingadditionalrequirements,ifany,specified in the SCC, and in any other instructions ordered by the

Purchaser.

23.Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured, in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, obligations for transportation of the Goods shall be in accordance with the Incoterms specified in Sections V, Schedule of Requirements.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in Sections V, Schedule ofRequirements.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the final destination of the Goods, or in another placeinNepalasspecifiedintheSCC.SubjecttoGCCSub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnishedtotheinspectorsatnochargetothePurchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCCSub-Clause25.2,providedthatthePurchaserbearallof its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodgingexpenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable thePurchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier‟s reasonable costs and expenses incurred in the carrying outof such test and/or inspection shall be added to the Contract Price.

Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier"sperformance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report ofthe results of any such test and/orinspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or otherobligations under theContract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods or perform the Related Services within the period specified in the Contract, thePurchasermaywithoutprejudicetoallitsotherremedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the Contract Price for each week or part thereof of delay until actual delivery or performance,up to a maximum deduction of the percentage specified in the SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause34.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design andmaterials, unless provided otherwise in theContract.

27.2 Subject to GCC Sub-Clause 21.1, the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arisingfrom design, materials, and workmanship, under normal use in the

conditions prevailing in Nepal.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to andacceptedatthefinaldestinationindicatedintheSCC.

27.4 The Purchaser shall give Notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect suchdefects.

27.5 Upon receipt of such Notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier‟s risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser‟scompliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaseranditsemployeesandofficersfromandagainstany and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney‟sfees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reasonof:

(a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser‟s name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings orclaim.

28.3 IftheSupplierfailstonotifythePurchaserwithinthirty(30) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its ownbehalf.

28.4 The Purchaser shall, at the Supplier‟s request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplierforallreasonableexpensesincurredinsodoing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney‟s fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of gross negligence or willful misconduct:

(a) neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interestcosts, provided that this exclusion shall not apply to any

obligation of the Supplier to pay liquidated damages to the Purchaser; and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Nepal where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 14.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform

its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through Notice in accordance GCC Clause 7, to make changes within the general scope of the Contract in any one or more of the following:

(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for thePurchaser;

(b) the method of shipment orpacking;

(c) the place of delivery;and

(d) the Related Services to be provided by theSupplier.

32.2 If any such change causes an increase or decrease in thecost of, or the time required for, the Supplier‟s performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted withinthirty (30) days from the date of the Supplier‟s receipt of the Purchaser‟s change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similarservices.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 11, the Supplier shall promptly, and at least twenty one (21) days before the expiry of procurement contract, notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier‟s notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier‟s time for performance,in which case the extension shall be ratified by the partiesby

amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

34.Termination

34.1 Termination forDefault

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier,mayterminatetheContractinwholeorinpart:

(i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;or

(ii) if the Supplier fails to perform any other obligation under theContract.

(iii) The supplier uses the advance payment for matters other than the contarctualobligations.

(iv) The purchaser may terminate the contract at any time in the following condition incase contract is terminated.supplier shall obliged to pay whole amount of remaining work or supply or fulfill the any Supplierobligation.

(a) does not commence the work as per the contract,

(b) abandons the contract with outcompleting,

(c) failstoachieveprogressasperthecontract.

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods orRelated Services. However, the Supplier shall continue

performance of the Contract to the extent not terminated.

(c) if the Supplier, in the judgment of the Purchaser has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, as defined in GCC Clause 3, in competing for or in executing the Contract.

34.2 Termination forInsolvency

The Purchaser may at any time terminate the Contract bygiving Notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to thePurchaser.

34.3 Termination forConvenience

(a) The Purchaser, by written Notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser‟s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomeseffective.

(b) The Goods that are complete and ready for shipment within seven (7) days after the Supplier‟s receipt of the Notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices;and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by theSupplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section VII. Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(i)	The Purchaser"s country is: **Nepal**
GCC 1.1(j)	The Purchaser is: **Province Health Logistic Management Center, Province 2, Jankpurdham,Dhanusha**
GCC 1.1 (p)	The Site is: **As mentioned in Schedule of requirement**
GCC 5.1	The language shall be: ***English***
GCC 7.1	For **notices**, the Purchaser"s address shall be: Name and Address of the Purchaser: **Province Health Logistic Management Center, Province 2, Jankpurdham, Dhanusha Nepal** Telephone number: Facsimile number: e-mail Address:phlmc.province2@gmail.com
	For**notices**,theSuppliers"saddressshallbe:***[insertfullnameandaddressofSuppliersincluding telephone number, facsimile number and electronic mail address (ifapplicable)]*** NameandAddressoftheSupplier: Telephonenumber: Facsimile number: e-mail Address:
GCC 9.2	In case of arbitration, the arbitration shall be conducted in accordance with the arbitration procedures published by the Nepal Council of Arbitration (NEPCA) at Kathmandu.

GCC 10.1	The Scope of Supply shall be defined in: ***"Section V, Schedule of Requirements" or indicate where the Scope of Supply shall be defined. At the time of awarding the Contract, the Purchaser shall specify any change in the Scope of Supply with respect to Section V, Schedule of Requirements included in the Bidding Document. Such changes may be due, for instance, if the quantities of Goods and Related Services are increased or decreased at the time of award.***
GCC 11.1	**Upon delivery of the Goods to the transporter, the Supplier shall notify the Purchaser and send the following documents to the Purchaser:** **a) Original and Copies of the Supplier's invoice showing the description of the Goods, quantity, unit price, and total amount;** **b) Copy of packing list identifying the contents of each package;** **c) Delivery note, railway receipt, or truck receipt;** **d) Manufacturer's or Supplier's warranty certificate;** **e) Certificate of origin; and** **f) Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report;** **The Purchaser shall receive the above documents before the arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.**
GCC 14.2	**The prices charged for the Goods delivered and the Related Services to be performed shall be fixed for the duration of the contract.**
GCC 15.1	The terms of payment to be made to the Supplier under the contract shall be as follows: **The payment shall be made:** **1. through accounts division/unit of the Purchaser or** **2. Through the Provincial Treasury Controller Office.** OR **(a) through Letter of Credit to be established to Supplier under the rules and regulations of Nepal.**
GCC 15.1	**3. Payments shall be made in Nepalese Rupees in the following manner:** **Payment for Goods and Services supplied from within the Purchaser's country** **On Delivery and acceptance: One Hundred (100)] percent. of the Contract Price of the Goods and related services delivered and fully installed then shall be paid within Five (5) days of receipt of the Goods and related services and upon submission of a claim supported by the documents specified in GCC 11.1** **OR**

	Payment for Goods and Services supplied from within the Purchaser's country shall be made in **Nepalese Rupees**, as follows: (i) **Advance Payment shall not be paid**. (ii) **On Delivery: Seventy (70) percent** of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit to the suppliers. **(iii) On Installation and Commissioning: Thirty (30) percent** of the Contract Price.

GCC 17.1	The Supplier shall provide a Performance Security as follows: I. If bid price of the bidder selected for acceptance is up to 15 (fifteen) percent less than the approved cost estimate, the performance security amount shallbe 5(five)percentofthebidprice. II. For the bid price of the bidder selectedforacceptanceismorethan15(fifteen) percent below of the cost estimate, the performance security amount shall be determined as follows: **PerformanceSecurityAmount=[(0.85xCostEstimate–BidPrice)x0.5]+5%of Bid Price.** The Bid Price and Cost Estimate shall be inclusive of Value Added Tax. **The amount of the Performance Security shall be in Nepalese Rupees, and shall be valid for the period of 25 *Months from the date of contract Agreement.*** **The performance security shall be forfeited, in case the Supplier fails to complete the contractual obligation and rectify the defects within warranty period.**
GCC 17.3	The types of acceptable Performance Securities are: **A bank guarantee issued by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law located in Nepal or reputable bank located abroad, acceptable to the Purchaser, in the format included in Section VIII, Contract Forms, Performance Security issued by foreign Bank must be counter – guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal.**
GCC 17.4	Discharge of the Performance Security shall take place: ***30 days after expiry of warranty period. The supplier shall promptly extend the validity suitably to cover agreed extension of the warranty period of the supplied goods***

GCC 22.2	A complete packing list indicating the content of each package shall be enclosed in a waterproofenvelopeandshallbesecuredtotheoutsideofthepackingcase.Inaddition, eachpackageshallbemarkedwithindelibleink/paintinboldletters,asfollows: a. Contract number: b. Name and address of thePurchaser: c. Country oforigin, d. Grossweight e. Netweight f. Package number of total number ofpackages g. Brief description ofcontent Upright markings, where appropriate, shall be placed on all four vertical sides of the package. All materials used for packing shall be environmentally neutral.
GCC 23.1	The insurance coverage shall be in an amount equal to 110 percent of the contract price of the Goods on "All Risks" basis, including War Risks, riots and/or Strikes.
GCC 24.1	Obligations for transportation of the Goods shall be in accordance with: ***The supplier is required under the contract to transport the Goods to a specified place of final destination, defined as the project site, transport to such place of destination including insurance and storage, as shall be specified in the contract, shall be arranged by the supplier, and related costs shall be included in the contract price.***
GCC 25.2	Upon receipt of the Goods at place of final destination, the Purchaser"s representative shall inspect the Goods and verify QA documents to ensure that they conform to the conditionoftheContractandTechnical Specifications;andadvisethePurchaserthatthe Goodswerereceivedinapparentgoodorder.ThePurchaserwillissueanAcceptance Certificate to the Supplier in respect of such Goods (or part of Goods).
GCC 26.1	The applicable rate of liquidated damages shall be: ***0.05 percent of the Contract Price per day.*****]**
GCC 26.1	The maximum amount of liquidated damages shall be: ***ten (10) percent of the Contract Price.*** The contract shall be terminated, if liquidated damages exceeds 10 percent of the Contract Price and blacklisting process shall be initiated for the Supplier's failure to complete the contractual obligations.
GCC 27.3	The period of validity of the Warranty shall be: TWO years for PCR machine For the purposes of the Warranty, the place of final destination shall be: Provincial Logistic Management Center, Pokhara
GCC 27.5	The Supplier shall correct any defects covered by the Warranty within: 7 days of being notified by the Purchaser of the occurrence of such defects

SectionVIII. ContractForms

Table of Forms

Letter of Intent

[onletterheadpaperof thePUrchaser]

. . . . . date. . . . . .

Notes on Letter of Intent

The issuance of Letter of Intent is the information of the selection of the bid of the successful bidder by the Purchaser and for providing information to other unsuccessful bidders who participated in the bid as regards to the outcome of the procurement process. This standard form of Letter of Intent to Award should be filled in and sent to the successful Bidder only after evaluation and selection of substantially responsible lowest evaluatedbid.

To:.....***nameandaddressoftheSUpplier***.....

Subject: ***IssUanceofletterofintenttoawardthecontract***

This is to notify you that, it is our intention to award the contract. for executionofthe .....***name ofthecontractandidentificationnUmber,asgiveninthe ContractData/SCC***toyouasyourbidprice*.....*
...amoUntinfigUresandwordsinNepaleseRUpees.....ascorrectedand modifiedinaccordancewith the Instructions to Bidders is hereby selected as substantially responsive lowest evaluated bid.

Authorized Signature: .....

Name: .....

Title: .....

CC:
[Insert name and address of all other Bidders, who submitted the bid]

Letter of Acceptance

[onletterheadpaperofthePurchaser]

. . . . . ***date***. . . . . .

To:.....***nameandaddressoftheSupplier***.....

Subject: .***Notification ofAward***

This is to notify that your Bid dated . . . . ***date***. . . . forexecutionofthe ..... ***name of thecontract andidentificationnumber,asgivenintheContractData/SCC*** ..... fortheContractpriceofNepalese Rupees ***[insertamountinfiguresandwordsinNepaleseRupees]***, as corrected in accordance with the InstructionstoBiddersisherebyacceptedinaccordancewiththeInstructiontoBidders.

You are hereby instructed to contract this office to sign the formal contract agreement within 15 days. As per the Conditions of Contract, you are also required to submit Performance Security, as specified in SCC, consisting of a Bank Guarantee in the format included in Section VIII (Contract Forms) of the Bidding Document.

The amout of performance security shallbeNRs… ..... [Insert amount] and validity periodof performance securityshallbe .....[insert validityperiod].

The Purchaser shall forfeit the bid security, in case you fail to furnish the Performance Security and to sign the contract within specified period.

Authorized Signature: .....

Name and Title of Signatory:

Agreement Form

THIS AGREEMENT made on the [***insert number***] day of [***insert month***], [***insert year***], between [***insert complete name of Purchaser***] of [***insert complete address of Purchaser***] (hereinafter "the Purchaser"), of the one part, and [***insert complete name of Supplier***] of [***insert complete address of Supplier***] (hereinafter "the Supplier"), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and Related Services, viz., [***insert brief description of the Goods and Related Services***] and has accepted a Bid by the Supplier for the supply of those Goods and Related Services in the sum of NRs ……..[***insert amount of contract price in words and figures including taxes***] (hereinafter "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referredto.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement,viz.:

   (a) the Purchaser"s Notification to the Supplier of Award ofContract;
   (b) the Bid Submission Form and the Price Schedules submitted by theSupplier;
   (c) the Special Conditions ofContract;
   (d) the General Conditions ofContract;
   (e) the Schedule of Requirements;and
   (f) *[**indicate any other documents required asappropriate***]

   ThisContract shallprevailoverallotherContractdocuments.Intheeventofanydiscrepancyor inconsistency within the Contract documents, then the documents shall prevail in the order listedabove.

3. Inconsiderationofthe paymentstobe madebythePurchasertotheSupplierasindicatedinthis Agreement,theSupplierherebycovenantswiththePurchasertoprovidetheGoodsandRelatedServices and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by theContract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of **"Nepal"** on the day, month, and year indicated above.

Signed by [***insert authorized signature for the Purchaser***] (for the Purchaser)

Signed by [***insert authorized signature for the Supplier***] (for the Supplier)

Performance Security

[insert complete name and number of Contract]

To: [***insert complete name of Purchaser***]

WHEREAS [***insert complete name of Supplier***] (hereinafter "the Supplier") has received the notification of award for the execution of **[*insert identification number and name of contract]*** (hereinafter "the Contract").

ANDWHEREASithasbeenstipulatedbyyouintheaforementionedContractthattheSupplier shall furnish you with a security [***insert type of security***] issued by a reputable guarantor for the sumspecifiedthereinassecurityfor compliancewiththeSupplier‟s performanceobligationsin accordance with theContract.

AND WHEREAS the undersigned [***insert complete name of Guarantor***], legally domiciled in [***insert complete address of Guarantor***], (hereinafter the "Guarantor"), have agreed to give the Supplier a security:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [***insert currency and amount of 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, without cavil or argument, any sum or sums within the limits of [***insert currency and amount of guarantee in words and figures****]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This security is valid until the *[**insert day, month, year***].

Name:[***insertcompletenameofpersonsigningtheSecurity***]

In the capacity of: [***insert legal capacity of person signing the Security***]

Signed: [***insert signature of person whose name and capacity are shown above***]

Duly authorized to sign the security for and on behalf of: **[*insert seal and complete name of Guarantor]***

Date: [***insert date of signing****]*

Advance Payment Security

[insert complete name and number of Contract]

To: ***[insert complete name of Purchaser]***

In accordance with the payment provision included in the Contract, in relation to advance payments, ***[insert complete name of Supplier***] (hereinafter called "the Supplier") shall deposit with the Purchaser a security consisting of ***[indicate type of security***], to guarantee its proper and faithful performance of the obligations imposed by said Clause of the Contract, in the amount of [***insert currency and amount of guarantee in words and figures***].

We, the undersigned [***insert complete name of Guarantor***], legally domiciled in ***[insert full address of Guarantor]*** (hereinafter "the Guarantor"), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [***insert currency and amount of guarantee in words and figures****]*.

This security shall remain valid and in full effect from the date of the advance payment being received by the Supplier under the Contract until ***[(insert day, month, year) Contract completion date may be a basis for this date]***.

Name: ***[insert complete name of person signing the Security]***

In the capacity of: ***[insert legal capacity of person signing the Security]***

Signed: [***insert signature of person whose name and capacity are shown above]***

Duly authorized to sign the security for and on behalf of: **[*insert seal and complete name of Guarantor]***

Date: ***[insert date of signing]***