**Invitation to bid No: 2023-034 Medical Equipment “Framework Agreement for Three Years”**

The Lebanese Red Cross (LRC) hereby invites sealed bids from manufacturers/reputed firms/ registered suppliers for the supply of the following supplies/ services:

|  |  |  |  |
| --- | --- | --- | --- |
| **LOT #** | **Main Category**  | **NUMBER OF ITEM IN EACH LOT** | **Delivery of PO**  |
| **Lot 1**  |  **Medical EQUIPMENT for BTS** | **67** | **ALL OVER LEBANON** |
| **Lot 2** |  **Medical EQUIPMENT for EMS** | **64** |
| **Lot 3** |  **Medical EQUIPMENT for DRR** | **7** |
| **Lot 4** |  **Medical EQUIPMENT for MSS** | **45** |

ITENDER DETAILS

The Tender details are as follows:

|  |  |
| --- | --- |
| INCOTERMS | DDP – Beirut Delivery Duty Paid |
| Delivery address of the Bid | Spears – Lebanese Red Cross HQ – Finance Department |
| ITB Published | Friday 11 August 2023 |

 *All documents can be downloaded from* [*http://www.redcross.org.lb/*](http://www.redcross.org.lb/) *(Please select “Tender” from the menu at the top right of the page). Tenderers are advised to check the website regularly as any changes or additional information related to this tender will be updated via the website.*

**Tenders must be submitted in a sealed envelope**

|  |  |
| --- | --- |
| **Mailing address for bid submission** | Lebanese Red Cross Head Quarters,Spears Street, Kantari, Beirut, Lebanon**Please submit your bid in a SEALED Envelope to FINANCE DEPARTMENT at 1st floor.** |
| **Tender deadline** | **Date: Friday 08 September 2023** **Time: 4:00 PM** PLEASE NOTE: NO BIDS WILL BE ACCEPTED AFTER THE ABOVE CLOSING TIME AND DATE |
| **Bids to be marked** | “Tender reference: **2023-034** Do not open before  **Friday 08 September 2023**” |
| **Deadline for questions** | Date: **Friday 25 August 2023**,Time: 4:00:00 PM  |

IMPORTANT INFORMATION REGARDING THIS ITB:

**- BID SHOULD BE SUBMITTED TYPING AND NOT HAND WRITTEN *(written by hand bids will be considered as ineligible)***

**- Please SIGN AND STAMP all the mentioned documents below**

**- THIS TENDER DIVIDED INTO 4 LOTS, LRC HAVE THE RIGHT TO AWARD ONE OR MORE BIDDER AS A BACK UP FOR SAME ITEM**

**- LRC HAVE THE RIGHT TO AWARD PER ITEM BASED ON THE CHEAPEST ACCEPTED PRICES, OR PER LOT BASED ON THE BEST VALUE OF MONEY AND ADMINISTRATIVE WORK, LEAD TIME OF DELIVERY, AVAILABILITY IN STOCK…**

**- THE AWARDED BIDDER WILL BE CONTRACTED FOT THREE YEARS WITH FIXED PRICES AND VARIABLE QUANTITIES.**

**- THE MENTIONED QUANTITIES ARE ESTIMATED REFERENCE TO THE CONSUMPTION OF THE PREVIOUS PROJECTS.**

**- THE QUANTITIES MIGHT INCREASE OR DECREASE REFERENCE TO THE AVAILABILITY OF BUDGET AND NEEDS OF EACH SECTOR.**

**-**For queries on this ITB, please contact the Procurement, on the following email: **Hoda.fakih@redcross.org.lb**

**I. SELECTION AND AWARD CRITERIA**

This tender will be awarded to the lowest cost technically compliant bid. The technical evaluation criteria are as per Annex 3 of Detailed Specifications.

1. **Administrative Evaluation (Sign and Stamp)**

A bid shall pass the administrative evaluation stage before being considered for technical and financial evaluation. Bids thatare deemed administratively non-compliant may be rejected in case the NO answer is not well justified.

|  |  |  |
| --- | --- | --- |
| **LRC Requirements** | **Is bid compliant?** Bidder to complete | **Details - Please insert your comments** |
| Awarded Bidder(s) must commit to Three Years Framework Agreement. This means that LRC will sign a Long Term Frame work agreement with the awarded bidder. The bidder must commit to a fixed prices for 3 years and variable quantities.  | ☐ Yes ☐ No |   |
| Validity of bids **for evaluation** is 90 days  | ☐ Yes ☐ No |   |
| The mentioned Quantities are estimated, could be increase of decrease depend on the needs and availability of the budget  | ☐ Yes ☐ No |   |
| advanced down payments are not applicable  | ☐ Yes ☐ No |   |
| LRC payments terms are 30- 45 days from the date of GRN ( Good Received Note) | ☐ Yes ☐ No |   |
| LRC will pay in Fresh Transfer USD to the awarded bidder fresh account, but VAT amount will be paid in Cheque LBP based on Sayrafa (or any official upcoming memo from the government)  | ☐ Yes ☐ No |   |
| A soft copy of the signed and stamped Invitation to bid must be submitted on a USBA soft copy of the datasheets must be submitted on a USB | ☐ Yes ☐ No |  |

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**Documents listed below shall be submitted with your bid (BIDDERS WHO MISSED TO SUBMIT ANY OF THE BELOW MENTIONED DOCUMENT, SIGANTURE OR STAMP HAVE THE RIGHT TO RESUBMIT THEM WITHIN 48 WORKING HOURS.**

|  |  |  |  |
| --- | --- | --- | --- |
| #  | Annex  | Document  | Instructions |
| 1 | Annex 1 | LRCS Supplier Registration Form | Complete ALL sections in full, sign, stamp and submitMandatory. |
| 2 | Annex 2  | Bid Form  | Complete ALL sections in full, sign, stamp and submitMandatory. |
| 3 | Annex 4 | Past Performance & Bidder References: Minimum 2 proofs of similar working experience with an international, NGO, national NGO, private, or public sector Provide 2 references (phone and mail) | Mandatory , sign, stamp and submitProof of experience shall be a copy of contract/purchase order signed or copy of Job Completion.Note that the notification of contract award is not aProof of experience for LRCS. |
| 4 | Annex 5 | Tender Award and Acknowledge Certificate | Mandatory , sign, stamp and submit |
| 5 |  |  Copy of company registration – (Ministry of Justice)- وزارة العدل) ) شهادة تسجيل شركة تجارية  | Mandatory |
| 6 |  | Copy of tax registration (Ministry of Finance( (وزارة المالية) شهادة تسجيل الشركة | Mandatory |
| 7 |  | Copy of VAT registration (Ministry of Finance) (وزارة المالية) شهادة تسجيل في الضريبة على القيمة المضافة  | Mandatory |
| 8 |  | اذاعة تجارية | Mandatory |
| 9 |  | IBAN official Document | Mandatory |
| 10 |  | **Soft copy of your offer signed and stamped on (USB) not by email, must be submitted with the bid.** **Including all the datasheets of the submitted items**  | Mandatory  |

**B. Technical Evaluation**

To be technically acceptable, the bid shall meet or exceed the stipulated requirements and specifications in the ITB.

A Bid is deemed to meet the criteria if it confirms that it meets all mandatory conditions, procedures and specifications in the ITB without substantially departing from or attaching restrictions with them. If a Bid does not technically comply with the ITB, it will be rejected.

c. All bids that pass the Technical Evaluation will proceed to the Financial Evaluation. Bids that are deemed technically noncompliant will not be financially evaluated.

II. TENDER PROCESS

The following processes will be applied to this Tender:

 Tender Period

 Tender Closing

 Tender Opening

 Administrative Evaluation

 Technical Evaluation

 Financial Evaluation

 Contract Award

 Notification of Contract Award

# Instructions to bidders

Tenderers must meet all the requirements specified in the tender documents and therefore advised to go through the tender documents carefully before submission and be certain that they are able to comply with the specified terms & conditions.

1. **Bidding in lots:**

If the tender is divided into lots, bidders should make every effort to bids for all items within the lot they are interested in. If bidders fail to complete all items within the lot LRCS reserves the right not to award the lot to the bidder. Bidders can bid for as many lots/items as they wish.

1. **Items and Quantity:**

LRCS reserves the right to split up the order between suppliers.

1. **Specifications:**

 The detailed specification in respect of each item with packing, marking/ labelling instructions etc. are given in **Annex 3 - Detailed Specifications** which tenderers must adhere to.

**Eligibility:**

* 1. Bidders are solely responsible for ensuring that the full bid is received by LRCS in accordance with the ITB requirements, prior to the specified date and time mentioned above. LRCS will consider only those portions of the bids received prior to the closing date and time.
	2. All responsive Bids shall be Typed on the LRCS Bid Form.
	3. Bids submitted are at the Bidders risk and LRCS takes no responsibility for the receipt of such Bids.
	4. Bidders are solely responsible for ensuring that the full Bid is received by LRCS, in accordance with the ITB requirements:

**Hard Copy:**

Bid shall be placed in an outer sealed envelope, addressed and delivered to:

“Tender reference: **2023-034** Do not open before **08 SEPTEMBER 2023”** Failure to comply with the above may disqualify the Bid.

* 1. Tenderer(s) must be Manufacturers, accredited Wholesalers, Traders / Suppliers, Agents in their registered countries.
	2. Any unsealed tenders and tenders received after the submission deadline will not be accepted.
	3. Tenderer(s) should have the capacity and capability to supply the items in accordance with the specifications within the prescribed delivery time and the terms & conditions mentioned herein.
	4. Contracts can be awarded individually or jointly.
1. **Price:**
	1. Price should be best and final offer
	2. Include discounts for early payment, if any
	3. All prices should be denominated in the currency that is specified in the **Addendum** attached.
	4. Applicable VAT/duty rates should be clearly stated per item in the offer as to facilitate any tax/ duty exemptions/ reimbursement

4.

1. **I’NCOTERMS:**

DDP INCOTERMS©2021 as defined by the International Chamber of Commerce will be used to govern the terms of delivery/ contract.

1. **Delivery Destinations:**

Details of the consignee and necessary details for the paperwork will be agreed at the time of signing contract with successful Tenderer/s. Tenderer(s) shall be responsible for all costs arising from packing, forwarding and delivering of goods to actual points of delivery including loading, unloading, transport and insurance and clearance costs as per the stated INCOTERMS.

1. **Delivery/Readiness Period:**

The delivery/readiness must be within the agreed timeframe after the of signing the contract by both parties and all the items/quantities must be delivered at the delivery destinations within a maximum period as agreed on the signing of the contract. The successful Tenderer will be required to agree to the Delivery Schedule (as stated, in tranches so they meet the requirements of our consignee)

1. **Packaging:**

All goods must be appropriately packed (if applicable – refer **Annex 3 - Detailed Specifications** suitable for sea/road transportation and loading/unloading including rough handling to final destinations.

1. **Marking/Labelling:**

Marking / labelling instructions are provided in **Annex 3 - Detailed Specifications**

1. **Presentations:**

Bids should be clearly legible. Prices entered in lead pencil will not be considered. All erasures, amendments, or alterations shall be initialed by the signatory to the Bid. Do not submit blank pages of the Bid Form and/or schedules, which are unnecessary for your offer. All documentation shall be written in English. All Bids shall be signed by a duly authorized

1. **Language:**

 The documents submitted will be accepted in English language only. The certificate, etc. from local government or local authorities (if applicable) could be provided in actual language All markings and labelling should appear in English only.

1. **Samples:**

Please refer to the **Addendum** if samples are required with the bid submission or not. If required samples of all the items must be submitted together with your Tender documents. Samples must meet the required specifications as per **Annex 3 - Detailed Specifications.** Each sample must be clearly labelled. LRCS reserves the right to reject bids where Tender documents are not accompanied by the samples.

1. **Validity Period:**

Bids shall be valid for at least the minimum number of days specified in the Addendum, and from the date of Bid closure. LRCS reserves the right to determine, at its sole discretion, the validity period in respect of Bids, which do not specify any such maximum or minimum limitation.

 If the bid is successful and contracted, the bid will remain valid for the duration of the contract.

1. **Your offer should clearly state the following:**
	1. Country of origin of the goods
	2. Place of manufacture and place of despatch
	3. Unit prices / Total prices, etc. as per **Annex 2 - Bid Form**
	4. Price should be net after deduction of any discount and should be compatible with the appropriate INCOTERMS specified in the **Addendum**.
	5. Firm dates for starting and completion of delivery at delivery points.
	6. Confirmation to comply with the specifications as per **Annex 3 - Detailed Specifications** if you can meet the specifications. If not, state clearly.
	7. Confirmation to agree to accept the terms and condition as per this tender document and the general terms and conditions, stated within Annex 5 Tender and Award Acknowledge Certificate.
	8. Full packing details (contents, weight and volume)
2. **Award of Contracts:**

This ITB does not commit LRCS to award a contract or pay any costs incurred in the preparation or submission of Bids, or costs incurred in making necessary studies for the preparation thereof, or to procure or contract for services or goods. The Bidder of an offer made by LRCS will regard as an offer made by the Bidder and not as an acceptance any bid submitted.

No contractual relationship will exist except pursuant to a written contract document signed by a duly authorized official of LRCS and the successful Bidder.

LRCS may award contracts for part quantities or individual items. LRCS will notify successful Bidders of its decision with respect to their Bids as soon as possible after the Bids are opened.

LRCS reserves the right to cancel any ITB, to reject any or all Bids in completely or in part, and to award any contract.

Suppliers who do not comply with the contractual terms and conditions including delivering different products and of different origin than stipulated in their Bid and covering contract may be excluded from future LRCS ITBs.

1. **Acceptance:**

LRCS reserves the right, at its sole discretion, to consider as invalid or unacceptable any Bid which is a) not clear; b) incomplete in any material detail such as specification, terms delivery, quantity etc.; or c) not presented on the Bid Form – and to accept or reject any amendments, withdraws and/or supplementary information submitted after the time and date of the ITB closure.

1. **CONFIDENTIALITY**:

This ITB or any part hereof, and all copies hereof shall be returned to LRCS upon request. This ITB is confidential and proprietary to LRCS, contains privileged information, part of which may be copyrighted, and is communicated to and received by Bidders on the condition that no part thereof, or any information concerning it may be copied, exhibited, or furnished to

Others without the prior written consent of LRCS, except that Bidders may exhibit the specifications to prospective subcontractors for the sole purpose of obtaining offers from them. Notwithstanding the other provisions of the ITB, Bidders will be bound by the contents of this paragraph whether or not their company submits a Bid or responds in any other way to this ITB.

1. **COLLUSIVE BIDDING AND ANTI-COMPETITIVE CONDUCT**

Bidders and their employees, officers, advisers, agent or sub-contractors shall not engage in any collusive bidding or other anti-competitive conduct or any other similar conduct, in relations to:

 The preparation of submission of Bids,

 The clarification of Bids,

 The conduct and content of negotiations,

 Including final contract negotiations,

In respect of this ITB or procurement process, or any other procurement process being conducted by LRCS in respect of any of its requirements.

For the purpose of this clause, collusive bidding, other anti-competitive conduct, or any other similar conduct may include, among other things, the disclosure to, exchange or clarification with, any other Bidder, person or entity, of information (in any form), whether or not such information is commercial information confidential to LRCS, any other Bidder, person or entity in order to alter the results of a solicitation exercise in such a way that would lead to an outcome other than that which would have been obtained through a competitive process.

1. **IMPROPER ASSISTANCE**

Bids that, in the sole opinion of LRCS, have been compiled:

- With the assistance of current or former employees of LRCS, or current or former contractors of LRCS in violation of confidentially obligations or by using information not otherwise available to the general public or which would provide a non-competitive benefit,

- With the utilization of confidential and/or internal LRCS information not made available to the public or to the other Bidders,

In breach of an obligation of confidentially to LRCS, or contrary to these terms and conditions for submission of a Bid, shall be excluded from further consideration Without limiting the operation of the above clause, a Bidder shall not, in the absence of prior written approval from LRCS, permit a person to contribute to, or participate in, any process relating to the preparation of a Bid or the procurement process, if the person has at any time during the 6 months immediately preceding the date of issue of this ITB was an official, agent, functionary, or employee of, or otherwise engaged by LRCS and was engaged directly, or indirectly, in the planning or performance of the requirement, project, or activity to which this ITB relates.

1. **CORRUPT PRACTICES**

L]RCS has zero tolerance for corruption. The Bidder represents and warrants that neither it nor any of its potential subcontractors are engaged in any form of corruption, defined by LRCS as the misuse of entrusted power for private gain.

This definition is not limited to interactions with public officials and covers both attempted and actual corruption, as well as monetary and non-monetary corruption. The definition includes, but is not limited to, corruption in the form of: facilitation payments, bribery, gifts constituting an undue influence, kickbacks, favoritism, cronyism, nepotism, extortion, embezzlement, misuse of confidential information, theft, and various forms of fraud, such as forgery or falsification of documents, and financial or procurement fraud. No offer, payment, consideration or benefit of any kind, which could be regarded as an illegal or corrupt practice, shall be made, promised, sought or accepted – directly or indirectly – as an inducement or reward in relation to activities funded by LRCS, including tendering, award or execution of core serves the right, without prejudice to any other right or remedy available to it, according to any violation of this clause to immediately reject the submitted offer, and to take such additional action, civil and/or criminal, as may be appropriate.

The Bidder agrees to accurately communicate LRCS policy with regards to Anti- Corruption to Third Parties. The Bidder furthermore, agrees to inform LRCS immediately of any suspicion or information it receives from any source alleging a violation of this policy to the contact details of the specific LRCS country operations

1. **CONFLICT OF INTEREST**

A Bidder shall not, and shall ensure that its employees, officers, advisers, agents or subcontractors do not place themselves in a position that may, or does, give rise to an actual, potential or perceived conflict of interest between the interests of LRCS and the Bidder’s interests during the procurement process.

If during any stage of the procurement process or performance of any LRCS contract a conflict of interest arises, or appears likely to arise, the Bidder shall notify LRCS immediately in writing, setting out all relevant details of the situation, including those cases in which the interests of the Bidder conflict with the interests of LRCS, or cases in which any LRCS official, employee or person under contract with LRCS may have, or appear to have, an interest of any kind in the Bidder’s business or any kind of economic ties with the Bidder. The Bidder shall take steps as LRCS may reasonably require, to resolve or otherwise deal with the conflict to the satisfaction of LRCS.

1. **WITHDRAWAL/MODIFICATION OF BIDS**

Requests to withdraw a Bid after the Bid closure time shall not be honored.

Withdrawal of a Bid may result in your suspension or removal from the LRCS suppliers List.

A Bidder may modify its Bid prior to the ITB closure. Any such modification shall be submitted in writing and in a sealed envelope, marked with the original Bid number. No modification shall be allowed after the ITB closure.

1. **LATE BIDS**

All Bids received after the ITB closure will be rejected.

1. **OPENING OF THE ITB**

The Tender Opening will take place at the time and location stated within Addendum.

Any attempt by a Bidder to influence the Evaluation Committee in the process of examination, clarification, evaluation and comparison of tenders, to obtain information on how the procedure is progressing or to influence LRCS in its decision concerning the award of the contract will result in the immediate rejection of the tender.

1. **CONDITIONS OF CONTRACT**

All Bidders shall acknowledge that the LRCS General Conditions, or the Special Conditions of Contract, as applicable, are acceptable.

1. **CANCELLATION OF THE ITB**

In the event of an ITB cancellation, Bidders will be notified by LRCS. If the ITB is cancelled before the outer envelope of any Bid has been opened, the sealed envelopes will be returned, unopened, to the Bidders.

The ITB may be cancelled in the following situations:

-where no qualitatively or financially worthwhile Bid has been received or there has been no response at all;

-the economic or technical parameters of the project have been fundamentally altered;

- Exceptional circumstances or force majeure renders normal performance of the project impossible;

- All technically compliant Bids exceed the financial resources available; or there have been irregularities in the procedure, in particular where these have prevented fair competition.

LRCS shall not be liable for damages, whatever their nature (in particular damages for loss of profits) or relationship to the cancellation of an ITB, even if LRCS has been advised of the possibility of damages. The publication of a procurement notice does not commit LRCS to implement the programme or project announced.

1. QUERIES ABOUT THIS ITB

For queries on this ITB, please contact the Procurement, on the following email: Hoda.fakih@redcross.org.lb

All questions regarding this ITB shall be submitted in writing to the above. On the subject line, please indicate the ITB number.

Bids shall not be sent to the above email.

All questions during the tender period, as well as the associated answers, will be shared with all invited bidders.

1. ITB DOCUMENTS

This ITB document contains the following:

1. This Invitation to Bid.

2. Addendum

3. Annex 1: LRCS Supplier Registration Form.

4. Annex 2: LRCS Bid Form.

5. Annex 3: Detailed Specifications.

6. Annex 4: Past Performance and Reference Check.

7. Annex 5: Tender and Contract Award Acknowledgement Certificate.

8. Annex 6: General Conditions of Procurement Contract.

9. Bidder Checklist.

Bidders shall observe the highest standard of ethics during the procurement and execution Of such contracts. LRCS will reject a Bid if it determines that the Bidder recommended for award, has engaged

in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, the Contract.

Yours sincerely

# Addendum

|  |  |  |
| --- | --- | --- |
| **Bidders Instructions :** | **Item:** | **Specifications:** |
| Price | Currency | USD  |
|  | Exchange rate  | For evaluation purposes, we will use the following exchange rate: 1USD = LBP1,507.5No other currencies are acceptable.**Regarding the payment terms and as mentioned in the Tender Documents LRC is 45 days from the date of invoice and In case of payment in LBP, the value of the Lebanese Pound shall be determined according to the exchange of the US dollar issued by the Beirut Stock Exchange, on the payment's date****LRC will pay in Fresh USD**VAT Amount will be paid in Cheque LBP (sayrafa rate) |
| INCOTERMS© | Terms of delivery | DDP – Beirut Delivery Duty Paid |
| Tender delivery | Delivery address | Lebanese Red Cross Finance office- 1st Floor, Head QuarterSpears Street,Kantari, Beirut, Lebanon |
| Goods/ services delivery period | Start period | **UPON REQUEST** |
|  | Delivery deadline | **---** |
| Marking/ labelling |  | 2023-034 |
| 0Language | Tender document language | English |
| Samples | Samples to be delivered with bids? | * **SAMPLES ARE MANDATORY TO BE SUBMITTED MAXIMUM BY 08 SEPTEMBER TO THE PROCUREMENT SECTOR LABELED AS PER THE REFERENCE NUMBER MENTIONED IN THE BELOW TABLE AND EACH LOT IN A SEPARATED BOX**
* **DATASHEET ARE MANDATORY TO BE SUBMITTED PRINTED AND LABELED AS PER THE REFERENCE NUMBER MENTIONED IN THE BELOW TABLE**
* **NAME OF THE COMPANY MUST NOT BE MENTIONED ON ANY SAMPLE OR DATASHEET**
* **Please check pages 66-69**
 |
| Bid validity  | Offer to be valid for | To match the validity of FWA |
| Liquidated damages | Damages per calendar day of delay | 0.5% of contract value  |
|  | Maximum delay damages | 5% of contract value |
| Payment | Invoice to be raised on delivery of | Each batch/ final delivery |
|  | Payment terms | 30- 45 calendar days after the submission of all required documentation |
|  | **Tender deadline** | **Date: 08 SEPTEMBER 2023** **Time: 4:00 PM** |
|  | Bids to be marked | “Tender reference: 2023-034 Do not open before 08 SEPTEMBER 2023 |
|  | Deadline for questions | Date: 25 AUGUST 2023Tim0e: 4:00 PM |

**Annex 1: Supplier Registration Form (Must be signed and stamped)**

Please fill in this questionnaire in order to register. Information given in this questionnaire will be handled confidentially. Please attach all other documents requested in the questionnaire. All bidders should completely fill up this form. If found blank then the bidder's tender shall not be included in the Final Evaluation

|  |  |
| --- | --- |
| 1. **NAME OF COMPANY (Full Legal Name):**
 |  |
| **Address** | **Company’s Address:**  |
| **Country:** |
| **Contact Person (s):**  |  |
| **Tele: (Landline – Mobile)** |  |
| **Email** |  |
| **Website** |  |
| **Owner(s) Name(s):** |  |
|  |
| **VAT Number** |  |
| **Date of Registration of VAT** |  |
| 1. **ORGANISATION REGISTRATION:**
 | **Year Established: Under the laws of:** |
| 1. **SIZE OF BUSINESS**
 | **No. of Employees: No. of Branches:**  |
| **No. of International Offices:**  |
| **Location of Factories:**  |
| **No. of Plants:**  |
| **No. of Warehouses** |
| 1. **AFFILIATED/HOLDING/ SUBSIDIARY COMPANIES:**
 | **Name Address Nature of Affiliation** |
|  |
|  |

**Bidder must fill up the below:**

|  |  |
| --- | --- |
| **Bank Name** |  |
| **Bank Address** |  |
| **Beneficiary Name** |  |
| **Beneficiary Address** |  |
| **Account#** |  |
| **Currency** |  |
| **IBAN**  |  |
| **SWIFT**  |  |

## Annex 2 - Bid Form (Must be signed and stamped)

* **BID SHOULD BE SUBMITTED TYPING AND NOT HAND WRITTEN *(written by hand bids will be considered as ineligible)***
* **PLEASE, FILL UP ALL THE DETAILS REQUESTED IN THE BELOW TABLE.**
* **Awarding could be to one Bidder or more.**
* **Supplier must submit his bid on this template (signed and stamped)**
* **Please refer to the Detailed specifications mentioned in Annex 3 and annexed datasheet**

**Lot I: Medical EQUIPMENT for BTS:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item Number** | **Item**  | **Unit of Measurements** | **ESTIMATED QUANTITY** | **Unit Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **Unit Price in USD, Inclusive VAT, labor, packaging ,and all other fees** | **Total Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **LEAD TIME OF DELIVERY from the date of PO for any Quantity** | **submitted brand/reference** |
| 1.1 |  Manual Plasma Expresser | piece | 2 |  |  |  |  |   |
| 1.2 |  Accessories for Samples Management System (Indexor) *Mini Indexor 3**Transport boxes 2**Storage racks 150*  | Kit | 1 |  |  |  |  |   |
| 1.3 | Multiple Sterile Connecting Device | piece | 1 |  |  |  |  |   |
| 1.4 | Automatic Blood Separator | piece | 1 |  |  |  |  |   |
| 1.5 | Bench Top Centrifuge  | piece | 1 |  |  |  |  |   |
| 1.6 | Blood Mixers with sealing function | piece | 5 |  |  |  |  |   |
| 1.7 | Digital Blood Pressure Monitor | piece | 20 |  |  |  |  |   |
| 1.8 | Digital Thermometer  | piece | 10 |  |  |  |  |   |
| 1.9 |  Blood Bank Weighing Scale | piece | 3 |  |  |  |  |   |
| 1.10 | Emergency Shower and Eye wash Station  | piece | 1 |  |  |  |  |   |
| 1.11 | Freezer for Plasma Storage  | piece | 2 |  |  |  |  |   |
| 1.12 | Hemoglobin testing device | piece | 15 |  |  |  |  |   |
| 1.13 | High Capacity refrigerated blood bag centrifuge for the labile blood product technical preparation | piece | 2 |  |  |  |  |   |
| 1.14 | High Frequency Tube Sealing For Blood Product Bags | piece | 5 |  |  |  |  |   |
| 1.15 | Variable Volume MicroPipette | piece | 2 |  |  |  |  |   |
| 1.16 | Platelet Agitator and Incubator | piece | 1 |  |  |  |  |   |
| 1.17 | Blood collection chairs in fixed centers | piece | 5 |  |  |  |  |   |
| 1.18 | Blood collection chairs in mobile Sites | piece | 5 |  |  |  |  |   |
| 1.19 | Upright Blood Bank Refrigerators  | piece | 2 |  |  |  |  |   |
| 1.20 | Work Station for semi- automated immunohematology testing (Biorad) | piece | 1 |  |  |  |  |   |
| 1.21 | ID Pipette for semi- automated immunohematology testing (Biorad) | piece | 2 |  |  |  |  |   |
| 1.22 | Automatic Residual Leukocyte Counter  | piece | 1 |  |  |  |  |   |
| 1.23 | Pathogen Inactivation System- Illuminator | piece | 1 |  |  |  |  |   |
| 1.24 | Analyzer Management System | piece | 1 |  |  |  |  |   |
| 1.25 | ID Incubator for semi- automated immunohematology testing (Biorad) | piece | 2 |  |  |  |  |   |
| 1.26 | ID Centrifuge for semi- automated immunohematology testing (Biorad) | piece | 2 |  |  |  |  |   |
| 1.27 | Banjo Reader for semi- automated immunohematology testing (Biorad) | piece | 2 |  |  |  |  |   |
| 1.28 | Automated Hematology Analyzer  | piece | 1 |  |  |  |  |   |
| 1.29 | Sterile connection device | piece | 1 |  |  |  |  |   |
| 1.30 | Automatic Blood Tube Stripper  | piece | 2 |  |  |  |  |   |
|   | **Alinity Accessories**  |  |  |  |  |  |  |   |
| 1.31 | *Pipettor Probes (2 pack)* | piece | 1 |  |  |  |  |   |
| 1.32 | *Alinity i-Series Wash Zone Probe* | piece | 1 |  |  |  |  |   |
| 1.33 | *Alinity i-Series Probe Tubing, Wash Zone 1 (3 pack)* | piece | 1 |  |  |  |  |   |
| 1.34 | *Alinity i-Series Probe Tubing, Wash Zone 2 (3 pack)* | piece | 1 |  |  |  |  |   |
| 1.35 | *Alinity i-Series Probe Tubing, Waste Aspirate* | piece | 1 |  |  |  |  |   |
| 1.36 | *Alinity i-Series Baffle, Wash Cup (3 Pack)* | piece | 1 |  |  |  |  |   |
| 1.37 | *Alinity ci-series Level Sensor, Bulk Solution* | piece | 1 |  |  |  |  |   |
| 1.38 | *Alinity i-Series Level Sensor, Diluted wash Buffer* | piece | 1 |  |  |  |  |   |
| 1.39 | *Alinity Monitor* | piece | 1 |  |  |  |  |   |
| 1.40 | *Alinity Reagent Coolant* | piece | 1 |  |  |  |  |   |
| 1.41 | *Alinity Firewall* | piece | 1 |  |  |  |  |   |
| 1.42 | *Printer ( depending on compatibility* | piece | 1 |  |  |  |  |   |
|   | **Architect Accessories**  |  |  |  |  |  |  |   |
| 1.43 | *Sample Carries Kit* | piece | 1 |  |  |  |  |   |
|  1.44 | *Reagent Carries kit* | piece | 1 |  |  |  |  |   |
| 1.45 | *Probe, Wash Zone* | piece | 1 |  |  |  |  |   |
| 1.46 | *Probe (Sample/Reagent)* | piece | 1 |  |  |  |  |   |
| 1.47 | *Probe/Tubing, Waste Arm* | piece | 1 |  |  |  |  |   |
| 1.48 | *Senor, Level, Buffer* | piece | 1 |  |  |  |  |   |
| 1.49 | *Sensor, Level, Trigger* | piece | 1 |  |  |  |  |   |
| 1.50 | *Sensor, level Pre-Trigger* | piece | 1 |  |  |  |  |   |
| 1.51 | *Tubing, Probe* | piece | 1 |  |  |  |  |   |
| 1.52 | *Tubing/Sensor, Temp, WZ* | piece | 1 |  |  |  |  |   |
| 1.53 | *Tubing, Wash Buffer Transfer* | piece | 1 |  |  |  |  |   |
| 1.54 | *Filtre, Buffer* | piece | 1 |  |  |  |  |   |
| 1.55 | *Filter, Card Cage/Supply* | piece | 1 |  |  |  |  |   |
| 1.56 | *Filter, Processing Center* | piece | 1 |  |  |  |  |   |
| 1.57 | *Monitor* | piece | 1 |  |  |  |  |   |
| 1.58 | *Probe Next R* | piece | 1 |  |  |  |  |   |
| 1.59 | *I1000 Tubing* | piece | 1 |  |  |  |  |   |
| 1.60 | *I2000 Tubing* | piece | 1 |  |  |  |  |   |
| 1.61 | *Kit Probe next R, IT/I1SR* | piece | 1 |  |  |  |  |   |
| 1.62 | *Sensor Level Buffer (I1000SR)* | piece | 1 |  |  |  |  |   |
| 1.63 |  *Buffer Outlet Assy (I1000SR)* | piece | 1 |  |  |  |  |   |
| 1.64 | *Printer depending on compatibility* | piece | 1 |  |  |  |  |   |
| 1.65 | Blue Line Transport Boxes- specs attached  | piece | 20 |  |  |  |  |   |
| 1.66 | Delta T FFP and PRBC Elements  | piece | 20 |  |  |  |  |   |
| 1.67 | Blast Plasma Freezer | Piece | 1 |  |  |  |  |  |
|   | **TOTAL FOR LOT 1** |   |   |

**Lot 2: Medical EQUIPMENT for EMS:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item Number** | **Item**  | **Unit of Measurements** | **Estimated Quantity**  | **Unit Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **Unit Price in USD, Inclusive VAT, labor, packaging ,and all other fees** | **Total Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **LEAD TIME OF DELIVERY from the date of PO for any Quantity** | **submitted brand/reference** |
| 2.1 | **Automated External Defibrillator** | **Piece** | 150 |   |   |   |   |   |
| 2.2 | **Automated External Defibrillator Battery** | **Piece** | 100 |   |   |   |   |   |
| 2.3 | **Automatic Suction** | **Piece** | 100 |   |   |   |   |   |
| 2.4 | **Bag Valve Mask Adult(kit)** | **Piece** | 300 |   |   |   |   |   |
| 2.5 | **Bag Valve Mask Pediatric(bag)** | **Piece** | 200 |   |   |   |   |   |
| 2.6 | **Bag Valve Mask Pediatric(kit)** | **Piece** | 100 |   |   |   |   |   |
| 2.7 | **Basin** | **Piece** | 300 |   |   |   |   |   |
| 2.8 | **Cervical Collar Adult** | **Piece** | 1500 |   |   |   |   |   |
| 2.9 | **Cervical Collar Pediatric**  | **Piece** | 800 |   |   |   |   |   |
| 2.10 | **Child immobilisation device** | **Piece** | 30 |   |   |   |   |   |
| 2.11 | **Cloth Scissors** | **Piece** | 1000 |   |   |   |   |   |
| 2.12 | **CPR Board**  | **Piece** | 100 |   |   |   |   |   |
| 2.13 | **Cuffs for sphygmomanometer(set of 3)** | **Piece** | 200 |   |   |   |   |   |
| 2.14 | **Curved Clamp** | **Piece** | 800 |   |   |   |   |   |
| 2.15 | **Electronic thermometer** | **Piece** | 500 |   |   |   |   |   |
| 2.16 | **Evacuation foldable Chair**  | **Piece** | 100 |   |   |   |   |   |
| 2.17 | **Examination table** | **Piece** | 40 |   |   |   |   |   |
| 2.18 | **Extrication device** | **Piece** | 150 |   |   |   |   |   |
| 2.19 | **Female Urinnary** | **Piece** | 200 |   |   |   |   |   |
| 2.20 | **Fixed Sphygmomanometer**  | **Piece** | 100 |   |   |   |   |   |
| 2.21 | **Foldable Stretcher** | **Piece** | 100 |   |   |   |   |   |
| 2.22 | **Forceps**  | **Piece** | 800 |   |   |   |   |   |
| 2.23 | **Glucomete Machine** | **Piece** | 300 |   |   |   |   |   |
| 2.24 | **Head Immobilizer** | **Piece** | 300 |   |   |   |   |   |
| 2.25 | **Kidney Bowl** | **Piece** | 50 |   |   |   |   |   |
| 2.26 | **Male Urinary** | **Piece** | 200 |   |   |   |   |   |
| 2.27 | **Manual Suction** | **Piece** | 800 |   |   |   |   |   |
| 2.28 | **Metalic belt(set)** | **Piece** | 300 |   |   |   |   |   |
| 2.29 | **Metalic speed clips (set)** | **Piece** | 300 |   |   |   |   |   |
| 2.30 | **Mouth to mouth pocket mask** | **Piece** | 300 |   |   |   |   |   |
| 2.31 | **Oximeter** | **Piece** | 800 |   |   |   |   |   |
| 2.32 | **Oxygen Bag** | **Piece** | 200 |   |   |   |   |   |
| 2.33 | **Oxygen Cylindre D size** | **Piece** | 500 |   |   |   |   |   |
| 2.34 | **Oxygen Cylindre E size** | **Piece** | 500 |   |   |   |   |   |
| 2.35 | **Oxygen Cylindre M size** | **Piece** | 300 |   |   |   |   |   |
| 2.36 | **Oxygen Regulator** | **Piece** | 1000 |   |   |   |   |   |
| 2.37 | **Oxygen Regulator(M size bottle)** | **Piece** | 200 |   |   |   |   |   |
| 2.38 | **Pelvic belt** | **Piece** | 200 |   |   |   |   |   |
| 2.39 | **Penlight** | **Piece** | 800 |   |   |   |   |   |
| 2.40 | **Portable Sphygmomanometer**  | **Piece** | 800 |   |   |   |   |   |
| 2.41 | **Respirator Kit** | **Piece** | 60 |   |   |   |   |   |
| 2.42 | **Respirator (1 piece)** | **Piece** | 60 |   |   |   |   |   |
| 2.43 | **Rigid splint(set)** | **Piece** | 300 |   |   |   |   |   |
| 2.44 | **Scissors** | **Piece** | 800 |   |   |   |   |   |
| 2.45 | **Scoop** | **Piece** | 300 |   |   |   |   |   |
| 2.46 | **Screen** | **Piece** | 40 |   |   |   |   |   |
| 2.47 | **Sharps Container** | **Piece** | 1000 |   |   |   |   |   |
| 2.48 | **Spider Belt** | **Piece** | 300 |   |   |   |   |   |
| 2.49 | **Spine Board** | **Piece** | 300 |   |   |   |   |   |
| 2.50 | **Splint 18 Inch (junior)** | **Piece** | 500 |   |   |   |   |   |
| 2.51 | **Splint 36 Inch** | **Piece** | 500 |   |   |   |   |   |
| 2.52 | **Splint 9 Inch (wrist)** | **Piece** | 500 |   |   |   |   |   |
| 2.53 | **Splint Finger** | **Piece** | 500 |   |   |   |   |   |
| 2.54 | **Stainless Bowl** | **Piece** | 100 |   |   |   |   |   |
| 2.55 | **Stainless container** | **Piece** | 100 |   |   |   |   |   |
| 2.56 | **Stainless container for gauze** | **Piece** | 100 |   |   |   |   |   |
| 2.57 | **Stair chair** | **Piece** | 100 |   |   |   |   |   |
| 2.58 | **Stair evacuation chair with tracks** | **Piece** | 100 |   |   |   |   |   |
| 2.59 | **Stairs** | **Piece** | 40 |   |   |   |   |   |
| 2.60 | **Stethoscope** | **Piece** | 300 |   |   |   |   |   |
| 2.61 | **Traction Device** | **Piece** | 300 |   |   |   |   |   |
| 2.62 | **Trauma Bag** | **Piece** | 200 |   |   |   |   |   |
| 2.63 | **Trolley for instruments**  | **Piece** | 40 |   |   |   |   |   |
| 2.63 | **Vacuum matress(with vacuum head immobiliser)** | **Piece** | 200 |   |   |   |   |   |
| 2.64 | **Vacuum splints(set of 3)** | **Piece** | 300 |   |   |   |   |   |
|   | **TOTAL FOR LOT2 2** |   |

**Lot 3: Medical EQUIPMENT for DRR:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item Number** | **Item**  | **Unit**  | **Estimated Quantity**  | **Unit Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **Unit Price in USD, Inclusive VAT, labor, packaging ,and all other fees** | **Total Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **LEAD TIME OF DELIVERY from the date of PO for any Quantity** | **submitted brand/reference** |
| 3.1 | AED | Piece | 10 |   |   |   |   |   |
| 3.2 | AED Pads for adult | Piece | 20 |   |   |   |   |   |
| 3.3 | AED Pads for children | Piece | 20 |   |   |   |   |   |
| 3.4 | Scoop aluminum | Piece | 10 |   |   |   |   |   |
| 3.5 | O2 Cylinder cover | Piece | 10 |   |   |   |   |   |
| 3.6 | Emergency kit bag | Piece | 10 |   |   |   |   |   |
| 3.7 | Trauma kit bag | Piece | 10 |   |   |   |   |   |
|   | **TOTAL FOR LOT 3**  |   |

**Lot 4: Medical EQUIPMENT for MSS:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item Number** | **Item**  | **Unit**  | **Estimated Quantity**  | **Unit Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **Unit Price in USD, Inclusive VAT, labor, packaging ,and all other fees** | **Total Price in USD, Exclusive VAT, but inclusive labor, packaging ,and all other fees** | **LEAD TIME OF DELIVERY from the date of PO for any Quantity** | **submitted brand/reference** |
| 4.1 | Autoclave/sterilizer  | Piece | 15 |   |   |   |   |   |
| 4.2 | EKG | Piece | 15 |   |   |   |   |   |
| 4.3 | Ultrasound (cardiac, abdominal, vaginal) | Piece | 10 |   |   |   |   |   |
| 4.4 | Fetal Doppler (portable) | Piece | 50 |   |   |   |   |   |
| 4.5 | Doppler (portable) | Piece | 10 |   |   |   |   |   |
| 4.6 | Otoscope  | Piece | 90 |   |   |   |   |   |
| 4.7 | Ear speculum | Piece | 90,000 |   |   |   |   |   |
| 4.8 | Opthalmoscope | Piece | 500 |   |   |   |   |   |
| 4.9 | Thermometers  | Piece | 100 |   |   |   |   |   |
| 4.10 | Oximeter | Piece | 100 |   |   |   |   |   |
| 4.11 | Stethoscope | Piece | 100 |   |   |   |   |   |
| 4.12 | Sphyngomanometer  | Piece | 150 |   |   |   |   |   |
| 4.13 | Blood pressure cuffs (adult, pediatric)  | Piece | 300 |   |   |   |   |   |
| 4.14 | Hemoglucotest (HGT) | Piece | 50 |   |   |   |   |   |
| 4.15 | Hemoglobin meter  | Piece | 50 |   |   |   |   |   |
| 4.16 | Medication tablets counter  | Piece | 50 |   |   |   |   |   |
| 4.17 | Exam table (adult, pediatric) | Piece | 20 |   |   |   |   |   |
| 4.18 | Exam table (OBS-GYN) | Piece | 30 |   |   |   |   |   |
| 4.19 | Mobile exam light | Piece | 30 |   |   |   |   |   |
| 4.20 | Carts (multipurpose) / Chariot medical | Piece | 100 |   |   |   |   |   |
| 4.21 | Wheelchair | Piece | 1,200 |   |   |   |   |   |
| 4.22 | Measurment scale (adult) | Piece | 30 |   |   |   |   |   |
| 4.23 | Measurment scale (pediatric) | Piece | 30 |   |   |   |   |   |
| 4.24 | Light pen | Piece | 50 |   |   |   |   |   |
| 4.25 | Step stool | Piece | 100 |   |   |   |   |   |
| 4.26 | Waste Refrigerator | Piece | 20 |   |   |   |   |   |
| 4.27 | Vaccine refrigerator | Piece | 10 |   |   |   |   |   |
| 4.28 | Cleaning trolley | Piece | 70 |   |   |   |   |   |
| 4.29 | Measuring tape  | Piece | 100 |   |   |   |   |   |
| 4.30 | Charts, eye | Piece | 30 |   |   |   |   |   |
| 4.31 | Height board (pediatric) | Piece | 30 |   |   |   |   |   |
| 4.32 | Height board (adult) | Piece | 30 |   |   |   |   |   |
| 4.33 | Transport container for bio-hazardous waste  | Piece | 80 |   |   |   |   |   |
| 4.34 | Trays | Piece | 150 |   |   |   |   |   |
| 4.35 | Kidney dish | Piece | 80 |   |   |   |   |   |
| 4.36 | Tuning forks | Piece | 80 |   |   |   |   |   |
| 4.37 | Reflex hammer  | Piece | 50 |   |   |   |   |   |
| 4.38 | IUD insertion kit: Tenaculum forceps straight  | Piece | 500 |   |   |   |   |   |
| 4.39 | IUD insertion kit: Ringed Forceps  | Piece | 500 |   |   |   |   |   |
| 4.40 | IUD insertion kit: Hysterometer  | Piece | 500 |   |   |   |   |   |
| 4.41 | IUD insertion kit: Scissors | Piece | 500 |   |   |   |   |   |
| 4.42 | Kocher | Piece | 500 |   |   |   |   |   |
| 4.43 | Dissecting  | Piece | 500 |   |   |   |   |   |
| 4.45 | Disinfectant soaking container | Piece | 200 |   |   |   |   |   |
|   | **Total for Lot 4**  |   |

## Annex 3- Detailed Specifications and Technical Requirements

**Lot 1: Equipment for BTS**

|  |  |  |
| --- | --- | --- |
| **Item Number** | **Item**  | **Detalied Specifications** |
| 1.1 |  Manual Plasma Expresser |  Ⅰ- Specifications:- The stand is used to extract manually blood components from a blood collection bag, or from a satellite bag to a transfer bag.- Spring loaded- Fitted with 8mm plexi glass plate to give strength while operating the function of expression- To accommodate bags to up to 500ml volume- Rear base designed to wash the blood stainsⅡ- Training:• Not requiredⅢ- Documents to be delivered:• NoneⅣ- Accessories required:• NoneⅤ – Transport, installation, and setup Assured by the company. |
| 1.2 | Accessories for Samples Management System (Indexor) | **Ⅰ- Specifications:** **LRC BTS has the Indexor system for sample management in LRC BTS.** It is used to assist in the organization of pre and post analytical areas, allowing tubes to be registered, distributed to various laboratory areas, and archived for long-term storage. Managing tubes from collection sites to the lab in line with national and international standards. Additional Accessories are now required: 1- **Mini-Indexor**: Allow an automatic and fast check out to begin transport phase with possibility to identify the personnel involved, by passing the tubes in front of the bar code reader and placing them anywhere inside the indexor system. The sensor matrix detects where the tube was placed.2- **Transport Box with cooling elements:**  to assure that samples are well conditioned and stable during transportation. * Provides for sample transport monitoring in accordance with international sample transport standards.
* Automatically records data with easy access, such as temperature conditions, duration of transport,
* The transport containers carry racks of tubes at UN3373 Category B standard, with web tools showing the status and last location of any tube.
* During transport, the system records a temperature every 5 minutes and can detect excessive impacts.
* Temperature logging to RFID
* Register transport time
* Transport compliant with UN3373
* Isothermic
* Up to 24h temperature logging
* Gel pads for containing and absorbing leaks
* Impact sensor

3- ***i-*Racks:** For Final storage of samplesonce completed. * Unbreakable Material, shock resistant
* Stackable
* Suitable for 16 mm and 13 mm tubes
* Comes with easy lock cover with full UV protection
* Can go down to -80 degrees

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Calibration certificates
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:**The list of spare and wearing parts and their frequency of replacement shall be provided in the offer for illustrative purposes.Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.The supplier shall propose a maintenance solution and its cost in their offer.*Mini Indexor qty: 3**Transport boxes qty: 2**Storage racks qty: 150* |
| 1.3 |  Multiple Sterile Connecting Device | **Ⅰ- Specifications:*** Intended to generate up to six connections between internally sterile and closed PVC tubes commonly used in blood processing applications by using one single blade and device.
* Should ensure sterile connection between tubing to enable transfer of fluid/ blood from one container/ bag to another by welding the tubes between them effectively as a closed system.
* Should be compatible with all standard tubing with an external diameter ranging from 3.9-4.5 mm & internal diameter of 2.9-3.1 mm.
* Should have in built sensor to monitor the temperature to ensure optimal quality and strength of weld.
* Should be capable of welding Wet – Wet / Wet – Dry / Dry – Dry tubes
* Total process time should be minimum (approx. 20 to 30 seconds).
* Requirement for tube length to be welding/docking should be as small as possible
* LED indicators to display the whole process with alarms.
* should ensure the complete sterility
* Should be attachable to leukocyte filters and should also be usable for plasma and platelet pooling
* Maintains a functionally closed system; a TSCD wafer is heated to approximately 300 °C (572 °F) to ensure sterility during cutting and welding, the wielding temperature is controlled by a sensor.
* There should be no particles or chemical residue created by welding process
* Designed with two robust and removable trays to support 6 blood bags (up to 4 kg on each tray).
* One Set of full boxes consumables if any (eg wafers) should be provided with instrument and cost of replacement consumables should be quoted and supply should be readily available with the vendor.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services till familiarity with the system. **Ⅲ- Documents to be delivered:*** Calibration certificates
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:**Sterile Connecting Device Wafers.**Ⅴ – Transport, installation, and setup**To be provided by the company. |
| 1.4 | Automatic Blood Separator | **Ⅰ- Specifications:*** Equipment able to express the blood components, from primary bag into various satellite bags automatically, after initial manual loading of the bag system on the machine.
* Compatible with any blood bag including top and top, and top and bottom.
* Should have a build-in weighing mechanisms to measure the weight of **various** components separated.
* Have an integrated system of sealing heads and optical sensors to automatically control the flow of various blood components in satellite tubes.
* Have a control panel with display system to indicate various procedural steps.
* The tube sealing of radio frequency type.
* 100% traceability: the equipment should have the provision to store and transfer the blood component details including the identification number of the donor unit to a central facility.
* The equipment should have built in alarm system to indicate the completion of the procedure
* A computer should be supplied having seamless integration with equipment; any other accessories for its interface with computer should also be supplied along with.
* The equipment should easily adapts to our center’s processing needs by offering the flexibility of customized separation programs.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Product certifications.
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications.

**Ⅳ- Accessories required:**Any required accessories to be suggested and provided by the company. **Ⅴ – Transport, installation, and setup**Assured by the company.PS: Equipment previously installed at BTS- we need the same for Standardization Purposes. |
| 1.5 | Bench Top Centrifuge  |  **Ⅰ- Specifications:**Benchtop centrifuge used for spinning the test samples prior serology and immunohematology testing, featuring the following:* Max. Capacity: varies based on the need: from 12 to 76 tubes of dimensions 10 x 75 mm and 12 x 75mm.
* Max. Speed: 5000 rpm
* High contrast LCD interface
* Microprocessor control system
* Adjustable parameters: a minimum of 5 run programs
* Certified ClickSeal biocontainment system
* Motorized lid latch
* Sealed rotor
* Audible alarm when finished

**Ⅱ- Training:**To be done for LRC technologists upon installation.**Ⅲ- Documents to be delivered:** **-** Validation certificate  - User and maintenance Manual - Installation qualification to be filled upon installation. **Ⅳ- Accessories required:*** Necessary stabilizer to be included with the equipment
* Any additional required accessory to be suggested and provided by the company.

**Ⅴ – Transport, installation, and setup** Assured by the company.PS: Equipment previously installed at BTS- we need the same for Standardization Purposes. |
| 1.6 | Blood Mixers with sealing function |  **Ⅰ- Specifications:****Functional Specifications:**These devices must allow for the following:- The setting of the volume of whole blood to be drawn at the beginning and during the blood collection process,- Automatic taring regardless of the type of bags used,- Continuous agitation of the bag while being filled, - Displaying the collected volume, the duration of collection, and the flow in real time, - Audible alarm at high and low blood flow, - Recording the parameters of 100 samples in the controller / automaton memory, - High sensitivity laser reading, - More than 70 donations on one battery charge for the mobile blood collections, - Possible external charging station,- Easily-replaceable batteries.- Can be connected to E- Delphyn Software.(free of charge)- To be used at the fixed or mobile blood collection sites.**Required specifications:**The devices must necessarily be equipped with the following:* A system that allows for the transfer of the saved data to the blood collection PC and its suitable download software
* A detection system to check tube positioning under the clamp
* A wide tray that is large enough to fit the complete sample pack
* A large LCD display screen
* A portable sealer
* A barcode reader
* Electricity cable (at least 2 meters long).
* Transport case to assure safety of the equipment during transportation (blood drives).

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:**The supplier shall provide the Lebanese Red Cross with the following documents:Technical data sheet Maintenance manual or file Instructions for use Security manual Electrical plans CE marking certificate List of spare parts for emergency repair Installation qualification must be done by the supplier.**Ⅳ- Accessories required:**The list of spare and wearing parts and their frequency of replacement shall be provided in the offer for illustrative purposes.Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.**The supplier shall propose a maintenance solution and its cost in their offer.****Ⅴ – Transport, installation, and setup**Any changes or modifications, including those not requiring a new registration before the competent bodies, must be expressed in writing by the supplier, addressing the central headquarters of the Lebanese Red Cross.The supplier is responsible for any consequences induced by a modification or change.*Equipment previously installed at BTS (CompoGuard) – compatible items requested for Standardization Purposes* |
| 1.7 | Digital Blood Pressure Monitor |   **Ⅰ- Specifications:**Easy Use, with just the touch of one button, the monitor auto inflates for quick, easy measurements.* High resolution, large LCD display panel shows readings of blood pressure, pulse rate and pulse regularity simultaneously.
* Equipment alarms required: cuff leak, cuff disconnect, failure to take successful reading, low-battery notice
* Measurement Method: Oscillometry
* Measurement Position: Upper Arm
* Power Supply: Alkaline Battery or optional AC/DC Adapter
* Accuracy and precision:

|  |  |  |
| --- | --- | --- |
|  | Blood Pressure | Pulse |
| Measurement Range | 0~290mmHg | 40~240bpm |
|  Measurement Accuracy | ± 3 mmHg | ± 3% |

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Product certifications.
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications.

**Ⅳ- Accessories required:*** Adult cuff
* Power supply

**Ⅴ – Transport, installation, and setup** Assured by the company. |
| 1.8 | Digital Thermometer  | **Ⅰ- Specifications:*** Fast and easy to use: quickly captures oral accurate readings

(4 to 6 seconds oral).* Large LCD displays temperatures in Fahrenheit or Celsius
* Convenient storage for 25 probe covers
* Last temperature recall button
* Takes approximately 6,000 readings on 3 AA batteries
* Interchangeable, removable probe cover to help reduce the risk of cross-contamination

**Ⅱ- Training:** Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** User Manual
* Certificate of calibration
* Warranty

**Ⅳ- Accessories required:*** Removable Probe covers.

**Ⅴ – Transport, installation, and setup**Assured by the company.  |
| 1.9 |  Blood Bank Weighing Scale |  **Ⅰ- Specifications:*** Blood Bank Weighing Scale specially designed for weighing blood and blood components.
* Can measure the weight /volume of various blood components as per the specific gravity the blood components.
* Auto-conversion of weight to volume.
* Auto calibration
* LCD microprocessor based display.
* Accuracy = 1gr/ml.
* Weighing range: up to 3 kg
* Zero set provision to account for weight of the empty bag
* Provisions for key keyboard for power on/off; weight/volume conversion; zero set.
* Led indications for zero set and volume measurement
* Input supply 220 to 240 V 50 Hz
* Can be connected to BTS e-Delphyn software.
* According to GPI Iberia BTS software company, the following brands can only be connected to E-Delphyn software:

- Vasini (specifically, model EO51)- Mettler Toledo (distributed by Fisher)- Terumo**Ⅱ- Training:**To be done along with equipment installation. **Ⅲ- Documents to be delivered:*** Installation Qualification
* User Manual
* Calibration test report and certificates.
* Warranty.

**Ⅳ- Accessories required:** Any required accessories to be suggested and provided by the company. **Ⅴ – Transport, installation, and setup**Assured by the company.  |
| 1.10 | Emergency shower and Eye Wash Station  | * The emergency shower should deliver a pattern of water with a diameter of at least 50.8 cm (20 inches) at 152.4 cm (60 inches). This diameter ensures that the water will come into contact with the entire body – not just the top of the person’s head.
* The shower head should be between 208.3 and 243.8 cm (82-96 inches) from the floor.
* The minimum volume of spray should be 75.7 litres/minute (20 gallons/minute) for a minimum time of 15 minutes.
* The shower should also be designed so that it can be activated in less than 1 second, and it remains operational without the operator’s hand on the valve (or lever, handle, etc.).
* This valve should not be more than 173.3 cm (69 inches) in height. If enclosures are used, ensure that there is an unobstructed area of 86.4 cm (34 inches) in diameter.
* Eyewash stations should be designed to deliver fluid to both eyes simultaneously at a volume of not less than 1.5 litres/minute (0.4 gallons/minute) for 15 minutes.
* However, the volume should not be at a velocity which may injure the eyes.
* The unit should be between 83.8 and 134.6 cm (33 to 53 inches) from the floor, and a minimum of 15.3 cm (6 inches) from the wall or nearest obstruction.

Emergency shower |
| 1.11 | Freezer for Plasma Storage  | **Specifications:*** Temperature controller with a built-in audio visual alarm. It features an LED digital temperature display, programmable high temperature alarms, manual alarm checks, and a programmable operating range
* Microprocessor temperature controller with built-in alarm/monitor
* Temperature Display Unit at 0.1 °C graduation.
* Continuous Temperature Recorder: build in seven-day chart with battery back-up.
* Availability of alarm test.
* Interface for Remote Temperature Monitoring.
* Roll-out type of drawers or trays. (Included)
* Casters for easy movement of the equipment.
* Stainless steel construction.
* Full-color touchscreen monitor with downloading,
* Maximum temperature uniformity.
* Operating temperature range down to -80°C.
* Performances: -30°C to the core within 60 minutes
* Bacteria-resistant powder coated interior and exterior for added security
* Sure-Seal self-closing door with magnetic closure to eliminate broken door latches
* Program up to 4 daily defrost events to run during low use periods for greater efficiency
* Meets AABB and/or FDA and/or EU Blood Directive
* Offers a temperature validation package that will certify the temperature performance of the Freezer.
* A multiple point temperature recorder will map the temperature inside the freezer chamber and a document with the data will be provided. Includes documentation of the chamber temperature and certificate of calibration for the test instrument.
* Storage trays Simplify and organize storage needs. Each tray comes with dividers and rails to customize individual storage areas. (Included)
* Storage options: Solid stainless steel drawers
* Capacity: between 650 L and 1400 L based on BTS need (please submit the prices breakdown of all the ranges, taking into consideration that LRC might/might not request all ranges)

**Ⅱ- Training:**The supplier will train LRC blood bank technologists on site.**Ⅲ- Documents to be delivered:*** The supplier will provide the LRC with FDA/AABB/EU approval.
* Certificate of validation: Certifies that monitor was calibrated with traceable thermometer before it left manufacturer facility.
* Validation: The Equipment Validation Guide for Refrigerators provides documentation for Installation Qualification and Operational Qualification (IQ/OQ), as well as an outline of suggested topics for performance qualification (PQ).
* Technical manual with
* clear instructions for use
* Safety measures
* Programming
* Maintenance manual with:
* Technical specifications
* Electrical design,
* Instructions for installation,
* Maintenance schedule with operations to be done and frequency.
* Instructions for first level maintenance and repair.
* Catalogue or list of accessories and its references,

**Ⅳ- Accessories required:*** Chart recorder papers
* Stylus ink pen
* Drawers’ dividers.

Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.**Ⅴ – Transport, installation, and setup**The supplier will perform the installation qualification of the equipment. |
| 1.12 | Hemoglobin testing device | **Ⅰ- Specifications:**Hemoglobin testing machine is used for quantitative determination of Hb in whole blood using a specially designed analyzer with specially designed micro-cuvettes containing dried reagents.**- Sampled material: C**apillary, venous, and arterial whole blood**- Measuring Range:** 0-25.6 g/dl (0-256 g/l or 0-15.9 mmol/l)**- Results:** in approximately 10 seconds**- Sample volume:** 10 µl**- Weight:** 500 g, batteries included**- Power Supply**: AC power adaptor or batteries**- Operating temperature:** 10-40°C **- Interfaces**: Printer and PC**- Quality Control:** integrated “self-test” and liquid controls**- Calibration:** The device’s reference method used to determine the hemoglobin is calibrated at the manufacturer’s and does not require any other calibration.  **Ⅱ- Training:**The supplier must include a training plan in their offer. The training targets the users and technical staff on first-level maintenance interventions.The supplier provides the staff training on our premises. The training materials must be handed out to each trained staff member. **Ⅲ- Documents to be delivered:*** The supplier commits to providing the LRC with the CE marking number for instrument.
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications.

**Ⅳ- Accessories required:*** Microcuvettes specific to themachine
* Liquid Hemocue controls (High, Low and normal range)
* Hemocue cleaner

**Ⅴ – Transport, installation, and setup** Assured by the company. |
| 1.13 | High Capacity refrigerated blood bag centrifuge for the labile blood product technical preparation | **Ⅰ- Specifications:*** For separation of blood by centrifugation into various blood components under controlled temperature speed and time.
* High-capacity floor standing centrifuge with temperature-controlled refrigeration.
* Microprocessor driven and programmable memory up to minimum 10 programs for speed, RCF, acceleration, deceleration, temperature and time
* Maintenance free induction motor
* Should have provision or capacity to centrifuge up to 16 blood bags of 450ml volume (quadruple blood bags, T&B and T&T bags).
* Power :220, 50 Hz
* Speed range: 300 to 10,000 rpm, adjustable in 10-rpm increments.
* Acceleration/deceleration: 9/9 profiles
* Drive System High torque brushless motor
* Program memory: 9 + 1 centrifugation programs
* Run time: 0 to 99minutes, plus load.
* Temperature range: -9°C to +40°C,
* Temperature: 2 digit adjustable in 1°C interval
* The functioning of the device must be as silent as possible. A sound level inferior to 60 dB is considered acceptable.
* Safety Features: Lid lock and lid interlock, automatic imbalance cut-out and steel armored chamber and provision for unlocking the lid in case of power failure and quick stop at any time using a special key also during the deceleration phase
* Should display the error of lid not closed, imbalance, malfunction of the centrifuge, operating errors, over temperature.
* The centrifuge must be equipped with retractable wheels to facilitate its handling
* The centrifuge housing or case must be made of stainless steel.
* Both the internal and external parts of the device must be easy to clean.
* The use of detergents and antiseptics commonly used in this occupation must not cause any corrosion of the device.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:**At the time of installation and setup, the supplier must submit the following documents:* The centrifuge technical data sheet
* Maintenance manual or file
* Instructions for use
* Security manual
* Electrical and electronic plans
* CE marking certificate
* List of spare parts for emergency repair
* Installation qualification must be done and provided by the Supplier.

**Ⅳ- Accessories required:** Weights for equilibrium**Ⅴ – Transport, installation, and setup**The packaging must be appropriate to guarantee that the centrifuge will not be subject to any damage during transportation and handling.The setup in place shall be conducted by the supplier. PS: Equipment previously installed at BTS- we need the same for Standardization Purposes. |
| 1.14 | High Frequency Tube Sealing For Blood Product Bags | **Ⅰ- Specifications:**The sealers to which the present technical specifications apply must provide the following:* Hermetic sealing of the PVC tubing containing blood and blood components ensuring sterility of the blood and blood component in the blood bag.
* Sealing that is wide enough to allow for the perfect breakability of the tubing without breaking the sterility of the two sections produced.
* A homogeneous heating temperature in order to avoid the melting of the tubes during the sealing process.
* They must be usable with all single-use medical device brands that the Lebanese Red Cross may use.
* Sealing time: 1 to 3 seconds
* Indication lamps for power, ready and sealing.
* Tube detection: automatic
* Operating temperature : +5 to +40 °C
* Operation: Continuous
* Provided with a splash guard
* During operation, the device must be silent and must not emit any fumes or particles.
* The device is subject to CE marking.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Product certifications.
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications.

**Ⅳ- Accessories required:**Any required accessories to be suggested and provided by the company. **Ⅴ – Transport, installation, and setup**Assured by the company. |
| 1.15 | Variable Volume MicroPipette | **Ⅰ- Specifications:*** Pipette should be able to pipet out variable volume of 10 – 100 µL (or 100-1000 µL) and not any single/ fixed volume in this range
* Manual volume control should be present
* Four-digit counter should be present that indicates the selected volume
* The plunger of the pipette should require low operating force to aspirate and dispense liquid, reducing user fatigue and thumb muscle activity
* Built-in tip ejectors that facilitates easy tip ejection and access to narrow necked bottles and tubes.
* Should work on a click-stop digital system, are easy to calibrate and maintain,
* Variable Volume Pipette: 100-1000 µl, 10-100 µl,
* It should be CE mark
* Accuracy and precision:

|  |  |  |
| --- | --- | --- |
|  | 100-1000 µl, | 10-100 µl |
| Accuracy | +/- 0.8 µL | +/- 0.8 µL |
| Precision | +/- 0.15 µL | +/- 0.15 µL |

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Calibration certificate must be provided with each pipette
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications.

**Ⅳ- Accessories required:*** Tips with tips holder

**Ⅴ – Transport, installation, and setup** Assured By the company |
| 1.16 | Platelet Agitator and Incubator | **Ⅰ- Specifications:**

|  |  |
| --- | --- |
| **1. Purpose of Equipment**  | To continuously agitate platelet concentrate in an even suspension in a temperature controlled environment +22 °C ±2 °C in standard platelet bags (random unit or apheresis).  |
|  | Must be designed specifically for blood bank use. Commercial or modified commercial incubators for other purpose are not acceptable.  |
| **2. Type of Equipment**  | Flatbed agitator fitted inside a temperature controlled incubator that uses CFC-free refrigerant and CFC free insulation material.  |
| **3. Quality Standard**  | Manufacturing should be compliant with ISO 13485, and/or ISO 9001:2008.  |
|  | Should be compliant with European CE Class IIA and/or US FDA  |
|  | Equipment must meet electrical safety specifications of IEC 61010-1  |
| **4. Capacity**  | At least 96 standard random platelet unit bags.  |
| **5. Construction**  | Outside C. R. (Corrosion Resistant) sheet preferably coated with bacteria resistant material  |
|  | Inside stainless steel.  |
|  | Insulation foaming agent CFC free  |
| **6. Drawers and agitator**  | Nonslip corrosion resistant drawers coated with bacteria resistant material  |
|  | Drawers perforated to ensure good air circulation  |
|  | The agitator holding the shelves is suspended in such a way as to ensure minimum noise for the life of the agitator.  |
|  | Gentle side to side agitation at 1.5 inch (3.6–4 cm) and 60– 70 strokes/min.  |
|  | Heavy duty ball bearing gear motor for noiseless and continuous operation for 24 hours a day 365 days a year  |
|  | Auto-pause of agitator on opening door  |
|  | Shelves cannot be pulled out in error.  |
|  | Push button switch to pause agitator  |
| **7. Door**  | Glass door with full visibility of units without opening door  |
|  | Door lock should be available  |
| **8. Electrical characteristics**  | Compatible with Input 240V 50 Hz Single phase Ac Equipment meets electrical safety specifications such as that of the IEC Should have an integrated voltage stabilizer or external servo stabilizer of appropriate ratings  |
| **9. Internal** **Temperature**  | Platelet agitator should have inside temperature range of 20°C - 24°C  |
|  | Whatever the load, setting accuracy less than or equal to 0.5°C (preferably 0.1°C).  |
|  | Should ensure frost free performance thereby avoiding either freezing or heating. If defrosting function used, temperature should not go outside range specified above.  |
| **10.Temperature monitoring, thermograph and related alarms**  | At least 1 temperature sensor. Digital temperature (LED) display with 0.1 °C graduation. Integrated Visual AND Audible alarm systems for temperature, motion failure, sensor failure, agitator off, power failure  |
|  | Provision to be connected to a remote monitoring system and remote alarm.  |
|  | The temperature record should be electronically logged (that can be retrieved eg by USB port) and also documented on a physical thermograph; Preferably with a 7-day, graphic chart recorder with supply of free charts for full period of warranty.  |
|  | Must have Battery backup for temperature recordings which is especially needed during power failure/fluctuations  |
|  | Additional Battery backup for alarm so that alarm will not fail in case of power failure, and should be able to sustain the alarm.  |
| **11. Air circulation**  | The temperature inside should be kept uniform in all shelves by Forced air circulation through fans.  |

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Calibration certificates
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification, thickness, finish etc

**Ⅳ- Accessories required:*** Seven day temperature recorder chart for continuous temperature re-cording
* Ink stylus pens

**Ⅴ – Transport, installation, and setup**Assured by the company |
| 1.17 | Blood collection chairs in fixed Sites | Equipment is used for withdrawing blood bags of labile blood products and human biological products in fixed blood collection centers.**Ⅰ- Specifications:*** The principles, techniques, materials, accessories and consumable items must comply with national and international norms (including the CE Marking) as well as every instruction related to security and health.
* Chairs must be sturdy. Backs and seats thereof must be resistant to disinfecting products and easily washable by commonly used products.
* All parts to be coated with cleanable antibacterial ABS plastic
* Electric height adjustment 530mm-840mm
* Adjustable ergonomic headrest
* Independent electric adjustable backrest, leg rest & lift
* Armrests go level with the seat for side access & transfers
* Contoured blood collection armrests are adjustable in height, inclination, rotation & extension
* Lumbar support
* Strong powder coated steel frame
* Central locking swivel wheels
* Rotating foot pads.
* Paper roll holder that fits to backrest.
* Safe Working Load:180kg
* Color: Grey/Red.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:**Supplier of the equipment must provide the following documents:* A technical notice including means and restrictions of installation
* User guide
* CE Certificate of conformity

Absence of any of these documents is a sufficient reason of non-approval of equipment**Ⅳ- Accessories required:**List of spare parts along with their replacement frequency and current tariff are provided as guidelines only in the offer. **Ⅴ – Transport, installation, and setup**Assured by the Company. |
| 1.18 | Blood collection Chairs in mobile Sites | To be used for withdrawing blood bags of labile blood products and human biological products during mobile blood drives. **Ⅰ- Specifications:*** Must comply with national and international norms (including the CE Marking) as well as every instruction related to security and health.
* Chairs must be foldable and their armrests removable.
* Chairs must be easily transportable (Not exceeding the desired weight of 17 Kg)
* Chairs must be comfortable and stable once unfolded.
* Chairs must be sturdy. Backs and seats thereof must be resistant to disinfecting products and easily washable by commonly used products.
* Their display must allow an easy-to-use storage in the collection truck.
* No part thereof must be fragile or easily tor
* These beds must be easily handled and sturdy in order to bear donors of heavy weight and different sizes.
* They must be manually adjustable in different positions as per circumstances and needs. They must allow to keep the donor feet at a very high level according to his head.
* Changes in positions must be done effortlessly by the donor and be risk-free to the donor.
* Beds must respect requirement of staff security.
* Color: Red

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:**Supplier of the equipment must provide the following documents:* A technical notice including means and restrictions of installation
* User guide
* CE Certificate of conformity

Absence of any of these documents is a sufficient reason of non-approval of equipment**Ⅳ- Accessories required:**List of spare parts along with their replacement frequency and current tariff are provided as guidelines only in the offer. **Ⅴ – Transport, installation, and setup**Assured by the company. |
| 1.19 | Upright Blood Bank Refrigerators  | **Ⅰ- Specifications:*** Heavy insulation for storage of the whole blood and packed red cells at +4°C±2°C with special features of alarm alerts,
* Continuous temperature monitoring and digital display.
* Built in data logger (Chart Recorder)
* Uniform temperature maintenance throughout the equipment.
* Long holdover time in the event of power failure
* Type: Compression type, CFC free refrigerant gas
* Construction: Internal: Stainless steel. External: Corrosion Resistant.
* Glass door and roll out stainless steel drawers.
* Electrical Characteristics: Input voltage: 220 /240 V 50 Hz.
* Internal temperature Control: Electronic temperature control: range +2°C to +6°C with setting accuracy +0.5°C.
* Fan air cooling.
* External ambient temperature: Performs in an ambient temperature of +10ºC to +43ºC.
* Hold – Over time: A full load of blood packs at +4 °C takes at least 30 minutes to rise to above +6 °C
* Cooling down time: A full load of blood packs at +25°C takes a maximum of 13 hrs. for all the packs to reach below +6°C
* Temperature monitoring: Digital temperature LED display with 0.1ºC graduation
* Audible and visual alarm system: High temperature, Low temperature, Open door, Power failure, Low battery with availability of alarm test
* Safety Features:
* Quick check of max/min temperature in 24 hours
* Password protection avoids key parameters unauthorized change
* Safety door lock, preventing unauthorized access
* Access port for additional temperature probe
* Battery backup for alarm and temperature recording device.
* Mounted on castor wheels
* The company should support in validating the equipment according to BTS LRC policy.
* Capacity varies from 192 to 770 blood bag 450 ml (please submit the prices breakdown of all the ranges, taking into consideration that LRC might/might not request all ranges)

**Ⅱ- Training:**The supplier will train LRC blood bank technologists on site.**Ⅲ- Documents to be delivered:**The supplier will provide the LRC with FDA/AABB/EU approval. The supplier will provide following documents:-Technical manual with:* clear instructions for use
* Safety measures
* Programming

- Maintenance manual with:* Technical specifications
* Electrical design,
* Instructions for installation,
* Maintenance schedule with operations to be done and frequency.
* Instructions for first level maintenance and repair.
* Catalogue or list of accessories and its references,
* Certificate of validation: Certifies that monitor was calibrated with traceable thermometer before it left manufacturer facility.
* Validation: The Equipment Validation Guide for Refrigerators provides documentation for Installation Qualification and Operational Qualification (IQ/OQ), as well as an outline of suggested topics for performance qualification (PQ).

**Ⅳ- Accessories required:*** Chart recorder papers
* Stylus ink pen
* Drawers’ dividers.

Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.**Ⅴ – Transport, installation, and setup**The supplier will perform the installation qualification of the equipment.PS: BTS requires to check the data sheet of different capacities ( in terms of divisions and Liters) |
| 1.20 | Work Station for semi- automated immunohematology testing (Biorad) | **Ⅰ- Specifications:*** The Working station is a complete solution for manual work with ID-Cards.
* Designed for 12 samples/24 ID-Cards. It is
* Convenient for right- or left-handed use.
* Dimensions (complete, w/h/d): 33 cm / 5 cm / 33 cmDimensions (ID-Card module, w/h/d): 18 cm / 5 cm / 33 cmDimensions (tube module, w/h/d): 15 cm / 3 cm / 33 cm

**Ⅱ- Training:**Not required**Ⅲ- Documents to be delivered:**None**Ⅳ- Accessories required:**None**Ⅴ – Transport, installation, and setup**Assured by the company.  |
| 1.21 | ID Pipette For semi automated immunohematology testing (Biorad) | **Ⅰ- Specifications:*** Manual pipettor for all tests in ID-System
* Dispensing volumes: 24 x 12.5 µl, 12 x 25 µl, 6 x 50 µl
* Multiple deliveries for selectable volumes
* To be used with disposable Tips
* Built-in tip ejector provides safe disposal of used tips
* Light weight, handy, permits comfortable handling by both right-handed and left-handed people
* Accuracy and precision:

|  |  |  |  |
| --- | --- | --- | --- |
|  | 12.5 µl | 25 µl | 50 µl |
| Accuracy | ± 8% | ± 4% | ±2% |
| Precision | 8% cv | 4% cv | 2%cv |

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Product certifications.
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications.

**Ⅳ- Accessories required:*** Tips with tips holder

**Ⅴ – Transport, installation, and setup** Assured By the company |
| 1.22 | Automatic Residual Leukocyte Counter | **Ⅰ- Specifications:*** To be used for counting the number of residual white blood cells (rWBCs) in leukoreduced blood products.
* Accuracy proved to be equivalent to Flow cytometry method (validation documents)
* Easy and fast measurement process
* Measuring range ≤ 100 Cells /µL
* FDA approved.
* Costumer reviews would be a plus.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Installation Qualification
* User Manual (English/French)
* FDA certificate
* Validation documents.
* Warranty.

**Ⅳ- Accessories required:** Any required accessories to be suggested and provided by the company. **Ⅴ – Transport, installation, and setup**Assured by the company.  |
| 1.23 | Pathogen Inactivation System- Illuminator | **Ⅰ- Specifications:*** System For pathogen inactivation of platelets and plasma
* Using UVA illumination of amotosalen-treated platelet components
* The pathogen inactivation system should selectively damage genetic material by preventing the replication of DNA and RNA.
* It should neutralize a broad spectrum of viruses, bacteria and parasites, as well as potentially harmful white blood cells, without interfering with the therapeutic effect of blood components.
* A complete system, with all necessary equipment and consumables to be presented.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Calibration certificates
* Validation documents
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:*** The list of spare and wearing parts and their frequency of replacement shall be provided in the offer for illustrative purposes.
* Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.
* The supplier shall propose a maintenance solution and its cost in their offer**.**

**Ⅴ – Transport, installation, and setup** Assured by the company |
| 1.24 | Analyzer Management System | A scalable solution that can connect any analyzer or automation system in BTS central testing branch to single data platform to better manage the flow of data throughout the entire workflow process.**Kindly note that we need individual price for each module, and each new connected equipment.** **Priority is for Lab viewer or any module that allows biological validation for test results.**  **Ⅰ- Specifications:**The software should optimize the efficiency of testing branch and deliver quality results by assuring the following: 1. **Test Management**

Automate and better manage the analysis of test orders and results.1. **Manual Test Results Review**
* Quickly and easily, view from the headquarters the status of each test order and result, including any exceptions.
* Review key information immediately, with easy-to-read icons and color-coding.
* Create consolidated work lists from various branches.
* Search for a specific patient or sample.
* Release test results to the BTS software quickly, or order reruns or reflex test.
1. **Test Result Auto verification**
* System should automate and standardize manual processes to improve levels of service while controlling costs.
* The system automatically reviews and releases patient results if they meet our lab’s defined criteria, foregoing cumbersome manual reviews.
* Automatically release the result to the BTS software, hold it for manual review, or take other actions such as ordering a rerun or reflex test
* Uses “if-then-else” rules with user-defined values to automatically review each test result in the same manner
* Ability to customize and write new rules via professional service offerings
1. **Order Entry And Reporting**

In the event of a LIS failure or scheduled downtime, the laboratory is often reduced to cumbersome manual processes typically involving a lot of paperwork and manual transcription of data. This not only impacts the speed and potential accuracy of patient results, but requires lab management to maintain and practice plans for downtime scenarios. The System should help reduce the stress associated with LIS downtime to help sustain regular laboratory operations in virtually any scenario.**Historical Reports*** Produce statistical reports to help the lab better understand and manage its performance through customized reports.
* Produce reports in different formats (e.g., PDF, Excel)
* A minimum of 30 reports ready for use, including: TAT analysis, system setup, quality control, problem analysis, sample arrival distribution
* Additional reports may be customized as required.
1. **Quality Management**

Improve monitoring of assay and instrument quality performance to help ensure accurate results.1. **Quality Control (QC)**
* Consolidated monitoring of QC test data, with the ability to automatically influence the analytic process (e.g., prevent automatic release of results, stop new testing, etc.) in the event of a QC rule failure
* Single QC module for all connected instruments
* Result comparison across different analyzers
* Includes Westgard and user-configurable rules
* Graphically display QC results to illustrate precision, accuracy and comparison (e.g. Levey Jennings and Youdon plots)
* Utilize rules to automatically verify or invalidate test results, based on QC results Bi-Directional interface to both send QC test results and receive feedback.
* Automatically import QC definitions from database
* QC alarms generated by the QC software can be used to automatically verify or invalidate test results.
1. **Quality Assurance (Sample Quality)**
* Streamlines and automates the registration of non-conformities of standard operating or quality procedures, providing a tool for their analysis and the implementation of corrective actions
* Define and categorize non-conformities and define corrective actions, with references to pertinent operating procedures and expected time frames
* Register non-conformities either manually or automatically via rules
* Run reports to understand patterns and trends
1. **Moving Average (Average of Normal)**
* Moving averages (also known as Average of Normal) is an additional layer of quality control that uses patient results to monitor on a continuous basis for unexpected shifts in analyzer or assay performance
* Alerts operators to unexpected performance shifts as they occur
* Enables preemptive intervention between periodic QC testing
* Receive notifications based predetermined error and warning thresholds
* Automatically disable an analyzer or assay generating errors
1. **Equipment Maintenance**
* Event reminders based on time
* Alerts that warn of missed maintenance and exceptions
* Document unscheduled activities such as equipment repairs
* Electronic archiving of logs
* Supervisor approval and tracking of maintenance logs
1. **Equipment Management**

Electronic maintenance and other event scheduling and documentation for all lab equipment, as part of a lab’s overall quality assurance program.1. **Lab Viewer**
* Equipment dashboard and control center
* Monitor from a single location the operational status of all analyzers in central testing branch (including non-Abbott systems) across multiple departments and sites
* Allows operators to remotely control the analyzers and automation systems
* Detect issues as they occur
* Quickly view key equipment indicators such as:

Current workloadIssues with instrument or assay performanceTurnaround time metricsStatistics related to compliance1. **Automation Management**
2. **Sample Management:**

**Sample Workflow and Turn Around Time Monitoring** * Define specific workflow paths for any sample.
* Generates real-time visible alarms in the user interface whenever TAT values approach a pre defined maximum target
* Monitor TAT for individual workflow steps
* Color-coded alerts when TAT goals not met
* Summary dashboard monitoring
* Calculations and goals defined per sample type or test
* Provides both warning and failure flags
* Audit trail for historical tracking

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system**Ⅲ- Documents to be delivered:**The supplier will provide the LRC with FDA/AABB/EU approval. The supplier will provide following documents:-Technical manual with * clear instructions for use
* Programming

- Maintenance manual with:* Technical specifications
* Validation certificate
* Instructions for installation,
* Maintenance schedule with operations to be done and frequency.
* Instructions for first level maintenance and repair.
* Catalogue or list of accessories and its references,

**Ⅳ- Accessories required:** Any required accessories to be suggested and provided by the company. **Ⅴ – Transport, installation, and setup**Assured by the company.  |
| 1.25 | ID Incubator for semi-automated immunohematology testing (Biorad)  | **Ⅰ- Specifications:*** Designed to ensure a controlled temperature at 370C.
* Used for both tubes and ID-Cards
* Independent incubation areas (ID-Cards and/or tubes)
* A minimum of almost 35 ID-Card and a minimum of 24 tube capacity.
* Panel PC touch-screen with easy to use interface (icon based)
* Different timers for separate batches (3 for ID-Cards area, 2 for tubes area)
* Programmable incubation time
* Standard program: 15 minutes at 37°C
* High safety standards
* Compliant according to IVD Directive 98/79/EC.
* Voltage requirement: 110-240 VAC
* Frequency requirement: 50/60 Hz

**Ⅱ- Training:*** Provide instructions to end user upon installation

**Ⅲ- Documents to be delivered:*** Calibration certificates
* Installation qualification to be filled upon installation
* Calibration certificates
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:*** The list of spare and wearing parts and their frequency of replacement shall be provided in the offer for illustrative purposes.
* Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.
* The supplier shall propose a maintenance solution and its cost in their offer**.**

**Ⅴ – Transport, installation, and setup**Assured by the company.  |
| 1.26 | ID Centrifuge for semi-automated immunohematology testing (Biorad) | **Ⅰ- Specifications:*** Designed to produce a specific rotational motion for **both ID-Cards and tubes.**
* Automatic detection of the head type.
* Automatic selection of the appropriate program.
* Head for post transportation card centrifugation with adapted program (5 minutes at 85 g*).*
* A minimum of almost 20 ID-Card capacity.
* Panel PC touch-screen with easy to use interface (icon based)
* Compatible centrifuge heads
* High safety standards
* Compliant according to IVD Directive 98/79/EC
* Various speed control:
	+ RCF maximum 1,000 g (for tubes)
	+ RCF 85 g (for ID-Cards)
* Voltage Requirement: 110-240 VAC
* Frequency Requirement: 50/60 Hz

**Ⅱ- Training:*** Provide instructions to end user upon installation

**Ⅲ- Documents to be delivered:*** Calibration certificates
* Installation qualification to be filled upon installation
* Calibration certificates
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:*** The list of spare and wearing parts and their frequency of replacement shall be provided in the offer for illustrative purposes.
* Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.
* The supplier shall propose a maintenance solution and its cost in their offer**.**

**Ⅴ – Transport, installation, and setup*** Assured by the company.

PS: Equipment previously installed at BTS- we need the same for Standardization Purposes. |
| 1.27 | Banjo Reader for semi-automated immunohematology testing (Biorad) | **Ⅰ- Specifications:*** Provides quick reading and interpreting ID-Cards.
* Provides full, positive ID-card Identification and easy interpretation.
* High-resolution camera.
* Ensure a clear image of the test results.
* Results must be validated, stored and printed.
* Integrated software: the results/interpretations can be displayed, printed and sent to the LIS (e-Delphyn) through IH-Com.(interface available)
* Complete traceability of tests, results and operator, including patient identification, test protocols performed, reading and interpretation of each ID-Card, and prevents errors such as the use of incorrect or expired ID-Cards
* High safety standards.
* Compliant according to IVD Directive 98/79/EC.
* Voltage Requirement: 115-230 VAC.
* Frequency Requirement: 50/60 Hz.

**Ⅱ- Training:*** Provide instructions to end user upon installation

**Ⅲ- Documents to be delivered:*** Calibration certificates
* Installation qualification to be filled upon installation
* Calibration certificates
* Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:*** PC
* IH-Com kit for Reader (connectivity to e-Delphyn system)

**Ⅴ – Transport, installation, and setup*** The list of spare and wearing parts and their frequency of replacement shall be provided in the offer for illustrative purposes.
* Their provision must be guaranteed for a period of ten years as of the date of installation of the devices.
* The supplier shall propose a maintenance solution and its cost in their offer**.**

PS: Equipment previously installed at BTS- we need the same for Standardization Purposes. |
| 1.28 | Automated Hematology Analyzer  | **Ⅰ- Specifications:**Full-Automated hematology analyzer or complete blood cell counter is used to count various types of blood cells in the blood.**Operational Specifications**Fully automated 3 parts differential hematology analyzer.**System Configuration** Complete unit with all standard reagents, consumables and accessories.**Technical Specifications:*** Determination of 18 to 19 parameters, with 3-part differential, for routine hematology.
* Shall have fully automatic, open system.
* Determination of: Red blood cell(RBC), White blood cell(WBC), Hemoglobin(HGB),
* Hematocrit(HCT), Mean cell volume(MCV), Mean cell hemoglobin(MCH), Red cell
* distribution(RDW-SD and RDW-CV), Platelets(PLT),Platelet distribution(PDW-SD and PDWCV),
* Mean platelet volume(MPV), differential leucocytes (LYM, LYM%, MID, MID%, GRA, GRA%).
* Method: Photometry and impedance technology, cyanide-free calorimetry for hemoglobin counting. If other methods please specify
* Calibration: independent automated calibration and manual calibration for minimum two test modes.
* Display: LCD screen.
* Indication of self-test failures and assistance messages, sample ID, date and time are reported with test results.
* Supplied complete with dedicated data analysis and data management software.
* Results are reported on external laser printer.
* Also must have built in printer
* Shall have built-in RS232, USB2.0 or equivalent, for allowing data transfer and network capability via LIS.
* Shall quote rates for reagents & consumables, calibrators & controls, printer paper, separately and it must be valid for at least 3 years.
* Having a special program for component quality control is a plus

**Ⅳ- Accessories required:*** 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).
* **Consumables Details:**
* Specify all Reagent types and solutions that machine used with their volumes and packing
* Specify the Total shelf life for each Reagent, Solution and materials
* Specify the No. of tests per each set
* Specify the Cost per test
* Specify QC materials and intervals

**Standards and Safety Requirements:** * Must Submit ISO Certificate

**Ⅴ – Transport, installation, and setup*** On site operational training till the familiarity of the system and satisfaction of end user shall be provided.
* Comprehensive warranty for 2 years after acceptance.
* 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.
* User (Operating) manual in English.
* Service (Technical / Maintenance) manual in English.
* List of important spare parts and accessories with their part numbers and costing.
* Certificate of calibration and inspection from factory.
 |
| 1.29 | Sterile connection device |  **Ⅰ- Specifications:*** Should ensure sterile connection between tubing to enable transfer of fluid/ blood from one container/ bag to another by welding the tubes between them effectively as a closed system.
* Should be compatible with all standard tubing with an external diameter ranging from 3.9-4.5 mm & internal diameter of 2.9-3.1 mm.
* Should have in built sensor to monitor the temperature to ensure optimal quality and strength of weld.
* Should be capable of welding Wet – Wet / Wet – Dry / Dry – Dry tubes
* Total process time should be minimum (approx 20 to 30 seconds).
* Requirement for tube length to be welding/docking should be as small as possible
* LED indicators to display the whole process with alarms.
* should ensure the complete sterility
* Should be attachable to leukocyte filters and should also be usable for plasma and platelet pooling
* Maintains a functionally closed system; a TSCD wafer is heated to approximately 300 °C (572 °F) to ensure sterility during cutting and welding, the wielding temperature is controlled by a sensor.
* There should be no particles or chemical residue created by welding process
* One Set of full boxes consumables if any (eg wafers) should be provided with instrument and cost of replacement consumables should be quoted and supply should be readily available with the vendor.
* Sterile Connecting Device Wafers to be included in the price offer.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services till familiarity with the system. **Ⅲ- Documents to be delivered:*** Calibration certificates
* Warranty
* Installation qualification, validation documents, Operational qualification.
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification.

**Ⅳ- Accessories required:**Sterile Connecting Device Wafers.**Ⅴ – Transport, installation, and setup**To be provided by the company. |
| 1.30 | Automatic Blood Tube Stripper  | **Ⅰ- Specifications:*** Low weight for easy handling
* Swift and complete stripping of blood bag tubes
* Ideal for all commercial blood bag systems on the market
* Automatically centered tubing fed through pair of rollers by a guidance system
* Preventing coagulation of blood in tubing prior to preparing segments
* Designed for right and left hand use
* Automatic start of work when the lever is closed.
* Automatic stop when a bag is detected
* Cordless.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the equipment.**Ⅲ- Documents to be delivered:*** User Manual (English)
* CE Certificate
* Warranty
* Installation qualification (if required).

**Ⅳ- Accessories required:*** Battery Charger
* Transport case
* Table holder
* Additional Battery

**Ⅴ – Transport, installation, and setup**Assured by the company.  |
|   | **Alinity Accessories**  |  |
| 1.31 | -   Pipettor Probes (2 pack) |   |
| 1.32 | -        Alinity i-Series Wash Zone Probe |   |
| 1.33 | -        Alinity i-Series Probe Tubing, Wash Zone 1 (3 pack) |   |
| 1.34 | -        Alinity i-Series Probe Tubing, Wash Zone 2 (3 pack) |   |
| 1.35 | -        Alinity i-Series Probe Tubing, Waste Aspirate |   |
| 1.36 | -        Alinity i-Series Baffle, Wash Cup (3 Pack) |   |
| 1.37 | -        Alinity ci-series Level Sensor, Bulk Solution |   |
| 1.38 | -        Alinity i-Series Level Sensor, Diluted wash Buffer |   |
| 1.39 | -        Alinity Monitor |   |
| 1.40 | -        Alinity Reagent Coolant |   |
| 1.41 | -        Alinity Firewall |   |
| 1.42 | Printer ( depending on compatibility |   |
|  | Architect Accessories  |  |
| 1.43 | -        Sample Carries Kit |   |
|  1.44 | -        Reagent Carries kit |   |
| 1.45 | -        Probe, Wash Zone |   |
| 1.46 | -        Probe (Sample/Reagent) |   |
| 1.47 | -        Probe/Tubing, Waste Arm |   |
| 1.48 | -        Senor, Level, Buffer |   |
| 1.49 | -        Sensor, Level, Trigger |   |
| 1.50 | -        Sensor, level Pre-Trigger |   |
| 1.51 | -        Tubing, Probe |   |
| 1.52 | -        Tubing/Sensor, Temp, WZ |   |
| 1.53 | -        Tubing, Wash Buffer Transfer |   |
| 1.54 | -        Filtre, Buffer |   |
| 1.55 | -        Filter, Card Cage/Supply |   |
| 1.56 | -        Filter, Processing Center |   |
| 1.57 | -        Monitor |   |
| 1.58 | -        Probe Next R |   |
| 1.59 | -        I1000 Tubing |   |
| 1.60 | -        I2000 Tubing |   |
| 1.61 | -        Kit Probe next R, IT/I1SR |   |
| 1.62 | -        Sensor Level Buffer (I1000SR) |   |
| 1.63 | -        Buffer Outlet Assy (I1000SR) |   |
| 1.64 | -        Printer depending on compatibility |   |
| 1.65 | Blue Line Transport Boxes | ANNEXED DATASHEET ITEM 1.65 |
| 1.66 | Delta T FFP and PRBC Elements | **I. Specifications:** * Eutectic solution that provides temperature stability in hot or cold climates,
* Allows direct contact with blood component without affecting its integrity.
* Consist of specific elements to be used with the Delta-T transport boxes, for the following conditions:
1. **Cold chain elements:** to assist to maintain the temperature of Packed red blood cells at approximately +4°C during transport.
2. **Deep-frozen:** to assist to maintain the temperature of Fresh Frozen Plasma at approximately -30°C during transport.

|  |  |  |  |
| --- | --- | --- | --- |
| **Item**  | **Pic**  | **Specs**  | **Used for** |
| **-30 °C Freeze Element S 265ml** | https://www.deltat.info/wp-content/uploads/2021/05/A090024_-30C-Akku-S265ml.jpg | This element is used to transport fresh frozen plasma products. All  -30°C Freeze-Elements maintain a temperature between -32°C to -30°C**Dimensions:****Size:** 272 x 130 x 10 mm**Color:** PE Natural**Fluid:**Orange**Weight:** 0,4 kgClosure: aluminum composite foil and protective cap made of plastic Qty: 150 | **5 L Delta T** **10 L Delta T****20 L Delta T** **30 L Delta T**  |
| **4 °C ACCU S element 265 ml**  |  | This element is used to transport packed red blood cell and blood testing tubes. All **delta T** 4 C Accus maintain a temperature between 2°C to 8°C.With the help of 4C elements, it can ensure that the cold chain disconnection phenomenon can be avoided during the transportation. This is done by using deltaT special coolant, which releases latent heat between 4°C and 6°C. Therefore, the product can be maintained at an almost constant temperature during transportation without active cooling.**Dimensions:****Size:** 272 x 130 x 10 mm**Color:** PE Natural**Fluid:**blue**Weight:**0,28 kgClosure: aluminum composite foil and protective cap made of plasticQty: 100 | **5 L Delta T** **10 L Delta T****20 L Delta T** **30 L Delta T** |
|  |  |

**Please see example of packing the blood products:****Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Warranty
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification
* Proof that blood component can be in direct contact with the elements
* Validation documents (if available) for example:

The manufacturer of the transport box defines the number of ice packs required to keep blood within a temperature range of +2 °C to +10 °C.**Ⅳ- Accessories required:**Any required accessories to be suggested and provided by the company.**Ⅴ – Transport, installation, and setup**To be provided by the company. |
| 1.67 | Blast Plasma Freezer | **Ⅰ- Specifications:*** Designed for rapid freezing of human plasma
* Maintaining temperature at -40°C at the end of the freezing cycle
* Security HP pressostat
* Performances: -11°C to the core within 60 minutes

 -30°C to the core within 90 minutes* Setting temperature parameters protected by password
* Launch cycle by push-button
* Display and digital recording of the temperature
* Alarm system to notify when finished and upon faults.
* Data storage in a non-volatile memory flash Data logging
* Control freezing functioning by a temperature differential T° / Temps.
* Possibility to store or print the data of every cycle.
* The company should assist the BTS with equipment validation process.

**Ⅱ- Training:**Demonstration and continued comprehensive training for lab staff and support services until familiarity with the system.**Ⅲ- Documents to be delivered:*** Product certifications.
* Warranty
* Installation qualification
* Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specifications
* Validation documents

**Ⅳ- Accessories required:*** Loading trolley on castors with racks and shelves
* Racks and shelves.
* Any required accessories to be suggested and provided by the company.

**Ⅴ – Transport, installation, and setup**Assured by the company. |

**Lot 2: Equipment for EMS**

|  |  |  |
| --- | --- | --- |
| **Item Number** | **Item**  | **DETAILED SPECIFICATIONS** |
| 2.1 | **Automated External Defibrillator** | Flexibility of manual mode operationEndures rigorous droptests Includes protective case and bumpers Designed to survive in a high vibration environmentLoud clear voice technology prompts Large graphical or ECG display screenEasy customization of settings to meet protocol needs360J biphasic3lead ECG monitoring capabilityManual overridecprMAX technologyProvides battery power for up to 220 shocks – escalating to 360 joules – delivering 17 hours of monitoring time. Minimize CPR interruptions by allowing responders to perform preshock CPR while the AED charges.CPR countdown timer, ECG capability, a shock counter and programmable settings Battery level indicator |
| 2.2 | **Automated External DefibrillatorBattery** | A nonrechargeable lithium manganese dioxide (Li/MnO2) battery provides power to the defibrillator. Indicator that show the approximate state of charge.To save battery life if the defibrillator is accidentally turned on or left on, the defibrillator automatically turns off if it is not connected to a patient and no buttons are pressed for 5 minutes.Compatible with lifepak 1000 AED |
| 2.3 | **Automatic Suction** | Surgical aspiratorTo be used for nasal, oral or tracheal aspirationClassification UNI EN ISO 100791 HIGH VACUUM / HIGH FLOWEquipped with a vacuum regulator and vacuum displaySupplied with a graduated, autoclavable 1L secretion holder and a bacteria filterMaximum suction aspiration (without jar): 80kPa ( 0.80bar)Minimum suction aspiration (without jar): Less than 40kPa (0.40 bar)Maximum flow (without jar): 40 l/minFunctioning NONSTOP OPERATED230/12V BR Suction unit230V 50Hz, 12V RECH, Battery, 1X1000 ML JARNoise level: 63.0 dBIndicative Sizeto fit on the ambulance shelf: 35x21x18 cm |
| 2.4 | **Bag Valve Mask Adult(kit)** | SafeGri surface for secure handling in stressful environmentsFast recoil time allows for rapid ventilationEasy attachment of manometer and PEEP valveUnique singleshutter valve system for reliable functionalitySwivel between valve and mask permits 360° positioning in relation to the patientThinwalled compression bag allows for lung compliance and “feel”Extremely low valve resistance for unimpeded airflowSoft splashguard for user safetySize AdultBVM with oxygen reservoire, carrying case and 3 masks |
| 2.5 | **Bag Valve Mask Pediatric(bag)** | Silicon rubber bellow to withstand autoclave at 134 deg.Provide with autoclavable face mask & Oxygen connecting tubeBag volume of 500 ml. and a variation of ± 100ml. Expiratory resistance of 2.2cms of waterInspiratory resistance of 3.3cms of waterControlled flow rates and ventilation, and with reduced airway pressure.Port in the bag to connect oxygen with reservoir bagSize Pediatric |
| 2.6 | **Bag Valve Mask Pediatric(kit)** | SafeGri surface for secure handling in stressful environmentsFast recoil time allows for rapid ventilationEasy attachment of manometer and PEEP valveUnique singleshutter valve system for reliable functionalitySwivel between valve and mask permits 360° positioning in relation to the patientThinwalled compression bag allows for lung compliance and “feel”Extremely low valve resistance for unimpeded airflowSoft splashguard for user safetySize Pediatricinfant/ child BVM with oxygen reservoire, carrying case and 2 masks |
| 2.7 | **Basin** | • Contoured, molded plastic for adults • Cleans with standard household cleaners • Length 12 3/4"• Width 9 1/2"• Height 1" 3"• Comfortable low tapered front• Back grip for easy handling |
| 2.8 | **Cervical Collar Adult** | Adjustable sizes: Neckless, Short, Regular and Tall Number of settings 16 adjustmentsDimensions 554 x 215 x 14 mm (21.8” x 8.5” x 0.6”)Color: White / Light Grey Material White / Light Grey plastic: Polypropylene MaterialFoam: PolyethyleneStores completely flatCT, MR and Xray compatible |
| 2.9 | **Cervical Collar Pediatric**  | Adjustable sizes: Small pediatric, Pediatric and Small Adult Number of settings: 12 adjustments Dimensions: 447 x 188 x 14 mm (17.6” x 7.4” x 0.6”)Color: Yellow/light greyMaterial Yellow / Light Grey plastic: Polypropylene MaterialFoam: PolyethyleneStores completely flatCT, MR and Xray compatible |
| 2.10 | **Child immobilisation device** | Provide cervical neutral alignment for infants and children ranging from 5 to 27 KgCrescent shaped compressible head blocks allow access and visual monitoring of the ears while maintaining immobilizationVersatile strap configurations with the adjustable three-point harnessRolls into self-contained carrying case to store in ambulance compartment, drawers or under bench seats. |
| 2.11 | **Cloth Scissors** | Angled,to be easily slippped under bandages or clothing.Blunt tip cancels risk of injuring the patient.thicker than regular scissorsStainless Steel blade, serrated. Size: L 6.25 in. x W 2.75 in. x D 0.3 in.Weight: 1.5 ozDurable plastic handle |
| 2.12 | **CPR Board**  | Material polyethylene.It provides a completely solid surface.Space to properly maintain the position of the patient's head.Dimensions: L:595mm W:410mm H:70mm |
| 2.13 | **Cuffs for sphygmomanometer(set of 3)** | Set of Cuffs for Sphygmomanometer, 3 sizes, Infant, Child, Adult.Compatible with portable sphygmomanometer |
| 2.14 | **Curved Clamp** | Material : stainless steelMeasures around 15cmcurved forcepsCan be sterilized |
| 2.15 | **Electronic thermometer** | Non contact infrared measuring thermometerNo contact requiredHardcase Optical / visual focusing red lamps for correct reading distanceAccuracy level (in instrumental tests according to ASTM E 196598 (2009) standard): from 36 to 39°C (96.8/102.2°F) = +/0.2°C (+/0.4°F) from 34 to 35.9°C (93.2/96.6°F) = +/0.3°C (+/0.5°F) from 39.1 to 42.5°C (102.4/108.5°F) = +/0.3°C (+/0.5°F)Resolution 0.1°C (0.1°F)Forehead measuring range 34.0/42.5°C (93.2/108.5°F)Measurement time 1 sec. |
| 2.16 | **Evacuation foldable Chair**  | Aluminium constructionFolds for easy storageTwo rear wheels (7.6 cm) for easy rolling Includes 2 onepiece restraints Folds for compact storage Sewn orange vinyl cover |
| 2.17 | **Examination table** | Examination table 2 sections Dimensions: 193 X 60 Paper roll holderUpholstery with 50mm thick foam paddingBack rest adjustable by crank mechanism Mounted on square stumps mild steal |
| 2.18 | **Extrication device** | Should provide horizontal flexibility and vertical rigidity for maximum support of the spine, neck, and head during extrication.Builtin handles Adapts to a hip and pelvic splint by simple inversionAdjustable, foldback sides Can be used for multiple patient sizes, including children and pregnant womenColorcoded straps(green or blue, yellow,red)Sewnin securing straps and snaplock bucklesComes with wraparound vest, neck roll,two head straps, and a carrying caseRadiolucent |
| 2.19 | **Female Urinnary** | Sturdy gripLightweight, durable Graduated marks to measure outputReusable, translucent, Can fit up to 1000cc |
| 2.20 | **Fixed Sphygmomanometer**  | Stable wall mounting made of glassfibre reinforced plastic and an exceptionally sturdy casing made of ABS plasticTotal swivel radius 130°, i.e. 65° to the left and 65° to the rightIncludes screws and wallplugs.With set of cuffs |
| 2.21 | **Foldable Stretcher** | With lightweight aluminum poles for easy liftingNonslip plastic carrying handlesSpreader bars provide additional supportVinyl fabric is impervious to stains and mildew for easy care and maintenanceStirrup feet raise the casualty off the groundFolds in both length and width to an extremely compact sizeCombines collapsible spreader bars with low profile stretcher pole hinges for quick, easy deployment.Length: 2060 mmLength folded: 1140 mmWidth open: 550 mm , Width folded: 110 mmWeight: 6 Kg , Load capacity: 159 KgCarrying bag with 2 strips |
| 2.22 | **Forceps**  | Material: stainless steelStraight, precision tweezer.Measures around 15cmCan be sterilized |
| 2.23 | **Glucomete Machine** | Results in 5 secondsBattery easy to replaceresults can be downloaded to a PC350 results memory with adte and timecompatible with OneTouch plus Strips |
| 2.24 | **Head Immobilizer** | Composed of two plasticcoated, closedcell foam head supports, one universal attachment base, and two durable head strapsHead supports can be used on standard backboards or turned around for use on the Scoop Stretcher Head strap is designed to conform to the patient's forehead Large side openings for monitoring the patient's ear canal Minimal interference with Xray, MRI, or CT scan procedures Waterproof coating makes it easy to clean and prevents bacterial growth within components Does not absorb blood or bodily fluids and is easy to sanitize Compatible with Scoop stretchers and FERNO backboardsMeets FMVSS 302 flammability rating |
| 2.25 | **Kidney Bowl** | Kidney Basin6" or 8Material stainless steelWith round edges. |
| 2.26 | **Male Urinary** | prevent spills with the snapon lid• Sturdy grip• Lightweight, durable • Graduated marks to measure outputReusable, translucent, Can fit up to 1000cc |
| 2.27 | **Manual Suction** | Highvacuum portable suction unitReusable pistolstyle pumpComes with disposable 300 ml disposable collection jar, 13 mm adult and 6 mm child disposable suction cathetersCollection jar rotates for optimal position for suctioning/aspirationDesigned with an overflow protection mechanism that resists clogging and prevents spillingDesigned with a selector knob, which allows for smooth transition from 100% stroke distance to 50% strokeVacuum (max): 550 mm HgPeak Free Airflow: >20 l/minO.D. of cap (suction port): 17mmDisposable Collection Jar Volume: 300mlO.D. of catheter connection: 13 mm and 6 mmCompatible with FERNO2 MVP Disposable Collection Jar |
| 2.28 | **Metalic belt(set)** | Set of 3 pairs﻿Twopiece restraintsWith carrying casePrimaryuse patient restraints made of 2”nylon webbing QuickreleaseAutomotivetypeChromeplated metal buckles resist rust and corrosionPushbutton operation allows secure fastening and easy releaseHemmed tab prevents strap from being pulled free of buckle |
| 2.29 | **Metalic speed clips (set)** | Twopiece restraint made of 51mm nylonpolyester webbing with quickreleaseAutomotivetypeAdjustable secondaryuse restraintCoated metal buckleSwivel speedclips for quick attachment to backboard or scoop stretcher with pins1524 mm "5 ft" long4 pairs With carrying bag |
| 2.30 | **Mouth to mouth pocket mask** | Reusable mask used for mouth to mask ventilationLatexfreehead strapfiltered inlet valvehard plastic container  |
| 2.31 | **Oximeter** | Single unit finger pulse oximeterFor pediatric and adult patientsOxygen saturation display range: 0100% SpO2Pulse rate display range: 18320BPMOxygen saturation declared accuracy range: 70100% SpO2 ± 2 digitsLong life BatteryWith carrying case shock resistantheavy duty  |
| 2.32 | **Oxygen Bag** | “D” and “Jumbo D” compatible, Outside pocket organized with pouch and elastic loops. Includes three pouches/and bag for oxygen cylinderOxygen access through outside pocket. Tuckaway backpack harness system.Made of INVISTA Cordura material—the same fabric used in military/tactical productsFeatures longlasting YKK Zippers that won’t split or catchReplaceable bottom protects the bag and its contents from wetL 53cm H 33cm W 24cm Red color with reflector strips |
| 2.33 | **Oxygen Cylindre D size** | 425 Liters2000PSI/139BARLength 20 InchCylinder 4.38InchWeight 2.41 KGsPortable in kits |
| 2.34 | **Oxygen Cylindre E size** |  680 Liters2000PSI/139BARLength29InchCylinder 4.38InchWeight 3.58 KGs |
| 2.35 | **Oxygen Cylindre M size** |  3452 Liters2216PSI/153BARLength 36.3 InchCylinder 8InchWeight 39.5 KGsFixed in Ambulance |
| 2.36 | **Oxygen Regulator** | Aluminum body, gold anodized; Strong uniconstructed bodyRegulated pressure : nominal 58 psigFixedorifice flow control with windowstyle flow readingFlow specifications range from 025 lpmTwo DISS male high flow 170 lpm outlets ports Flow slection 1/4, 1/2, 1,2,3,4,6,8,10, 15 and 25 lpmmade in usa |
| 2.37 | **Oxygen Regulator(M size bottle)** | Aluminum body, gold anodized; Strong uniconstructed bodyRegulated pressure : nominal 58 psigFixedorifice flow control with windowstyle flow readingFlow specifications range from 025 lpmTwo DISS male high flow 170 lpm outlets ports Flow slection 1/4, 1/2, 1,2,3,4,6,8,10, 15 and 25 lpmmade in usa |
| 2.38 | **Pelvic belt** | pelvic Sling stabilize pelvic fracturesBuckle maintains correct forceStandard size fits 98% of population“Click” provides clear feedback to confirm correct application.Pulling gradually and symmetrically increases sling tension and reduces the pelvisLow friction posterior slider facilitates transfersFront of Sling is narrow and tapered to facilitate urinary catheterization, interventional radiology, external fixation and abdominal surgeryFabric does not stretch and cleans for reuse Radiolucent (allowing for Xrays and CTscans without removal)Velcro on strap and sling Reusable, not a onetime use deviceLatex free |
| 2.39 | **Penlight** | Chrome body corresponding to 2 batteries 1.5 V Ligth between 30 and 100 lumens |
| 2.40 | **Portable Sphygmomanometer**  | Tube: rubber crack resistant, 50 to 70cmGauge graduated 0300mmHg (min) in 2 (max) mmHg incrementsWith pressure release valveAccuracy as per ISO 810601: +/ 3mm Hg.Heavy duty cuffs with velcro (preferably fabric)With set of 3 cuffs, Adult, Child, InfantCarrying bagStethoscope  |
| 2.41 | **Respirator Kit** | Includes three pouches/and 02 bag Oxygen access through outside pocket.Tuckaway backpack harness system.Should contain:Resuscitation Face mask 5 (Adult).Resuscitation Face mask 4 (Small Adult).Resuscitation Face mask 3 (Child).Head harness.Hook ring.Oxygen cylinder 2L 200 bar .Oxygen regulator, pin index, therapy, 1BS schraeder outlet. |
| 2.42 | **Respirator (1 piece)** | Oxygen powered resuscitator.automatic and manual trigger.suitabale for adults and children.Automatic flow rate (L/min): 43.2 to 21.6 Automatic tidal volume (L): 1.2 to 0.3 Automatic oxygen concentration V/V: 100% or 50% Automatic I:E ratio: 1:02 Automatic frequency (per minute): 12 to 24 Manual flow rate (L/min): 40 Pressure relief valve with audible warning limits maximum attainable delivery pressure (kPa):4.5 Expiratory resistance (kPa) <0.5 |
| 2.43 | **Rigid splint(set)** | The kit should contain splint size S (735 x 640 mm)([28.93 x 25.19 in]) splint size M (1100 x 695 mm) ([43.30 x 27.36 in]) splint size L (1300 x 720 mm) ([51.18 x 28.34 in])Xray, CRT and MRI compatibleIncludes carrying bag |
| 2.44 | **Scissors** | Stainless steel medicalAround 5.5 inchesCuts gauze and bandage Autoclavable |
| 2.45 | **Scoop** | PVC Orthopedic Scoop Stretcher (thermally treated polymer contruction(does ot get too hot or cold)Much lighter than traditional Aluminum Stretchers Folded to 47 inchesWeight: 7.5KgOval profile and angled handles, Narrow footend framePins for speedclipsAdjustable lengthTwin safety locksinterlocking piecesHead section is recessed for proper cervical alignmentRadiolucent |
| 2.46 | **Screen** | Screen 3 panels Mild steal frame mounted on wheels Panels washableDimensions 100 X 42 X 167 cmNot plastic not glasskind of textile |
| 2.47 | **Sharps Container** | Stability: Upright, stable during use on a horizontal surface and do not topple over when tested accordance to ISO23907:2012Container: premounted can with lidResistance to damage or leakage: no evidence of leakage and no breach of the sharps containment area when tested in accordance to ISO23907:2012Resistance to penetration: when tested in accordance to ISO23907:2012Capacity: 3L, 10L Marking or labelling on the container is visible and easily legible and include the following information.• A clear indication of the fill line• Appropriate hazard symbols.• The word "DANGER" or the equivalent wording in English• Identification of the specific use (where applicable) of thecontainer (An indication that the container is not reusable.• Identification of the total and/or fill volume of the container. |
| 2.48 | **Spider Belt** | Quick Restraint 10pointSixstrap system is used to quickly secure patients to backboards and other devices(color coded)The Fastrap system is compatible with backboards and Scoop stretchersSize is adjustable from adult to pediatric. |
| 2.49 | **Spine Board** | Light backboard capable of floating Central slot in lower halfStrong, onepiece highdensity, polyethylene plastic constructionAngled edgesImpervious to all bodily fluidsEasy to decontaminate100% radiolucentComes with 10 pinsWeight: 6.58 kgLoad Limit: 204.12 kgWidth: 40.64 cmLength: 182.88 cmCompatible with FERNO Universal Head Immobilizer |
| 2.50 | **Splint 18 Inch (junior)** | Two layers of closedcell foam with aluminum interior can be cut with ordinary scissorsOutside material: polyvinylFlat, Otemper aluminum inside the splint’s outer layers molds easilyExterior closedpore foam can be cleaned and disinfected with disinfectants for reuseRadiolucent material, compatible with Xrays and CTscansWeather resistant, can tfunction across the spectrum of global temperaturesSize: 45.7cm x 10.8cm (4.25" x 18")  |
| 2.51 | **Splint 36 Inch** | Two layers of closedcell foam with aluminum interior can be cut with ordinary scissorsOutside material: polyvinylFlat, Otemper aluminum inside the splint’s outer layers molds easilyExterior closedpore foam can be cleaned and disinfected with disinfectants for reuseRadiolucent material, compatible with Xrays and CTscansWeather resistant, can tfunction across the spectrum of global temperaturesSize: 91.4cm x 10.8cm (4.25" x 36") |
| 2.52 | **Splint 9 Inch (wrist)** | Two layers of closedcell foam with aluminum interior can be cut with ordinary scissorsOutside material: polyvinylFlat, Otemper aluminum inside the splint’s outer layers molds easilyExterior closedpore foam can be cleaned and disinfected with disinfectants for reuseRadiolucent material, compatible with Xrays and CTscansWeather resistant, can tfunction across the spectrum of global temperaturesSize: 22.86cm x 10.8cm (4.25" x 9") |
| 2.53 | **Splint Finger** | Two layers of closedcell foam with aluminum interior can be cut with ordinary scissorsOutside material: polyvinylFlat, Otemper aluminum inside the splint’s outer layers molds easilyExterior closedpore foam can be cleaned and disinfected with disinfectants for reuseRadiolucent material, compatible with Xrays and CTscansWeather resistant, can tfunction across the spectrum of global temperaturesSize: 9.4cm x 4.6cm |
| 2.54 | **Stainless Bowl** | Aluminium Stainless for patient care |
| 2.55 | **Stainless container** | Aluminium Stainless for band gauze |
| 2.56 | **Stainless container for gauze** | Aluminium Stainless for sterilized gauze roll |
| 2.57 | **Stair chair** | Folding head-end posts double as lift handles and support legs and fold underneath the stretcher for storageFoot-end wheels fold flat for storage and snap back into placeFits squad bench post and wheel cups, for use as a second stretcherSturdy, lightweight aluminum frame provides long-term durabilityVinyl-coated nylon cover is strong and easy to clean​Includes patient restraintsload limit 158kg |
| 2.58 | **Stair evacuation chair with tracks** | Evacuation Stair Chair glides 227KGs loads down stairs without carrying or lifting Height 95 cmWeight 25.6 kgLoad Limit 227 kgWidth 52 cmWith restraints and locking handlesm Head Rest, Wall Bracket Compatible with secure mounts installed in ambulances |
| 2.59 | **Stairs** | 2 steps Steel square tube Dimensions: 40 X 40 X 40 cm approx. |
| 2.60 | **Stethoscope** |  Latex Free tubingConvenient 30” overall length22” tube lengthDurable chromeplated binauralsExtra ear tips and diaphragm includedAluminum chestpiece. |
| 2.61 | **Traction Device** | Provides inline mechanical traction to relieve pain and reduce the possibility of further vascular and nerve damageSimple adjustable wraparound ankle hitch designed to allow EMTs to check pedal pulsesFolding snap out aluminum poleColor coded elastic leg strapsAdjustable ankle hitchAdjustable groin strapwith pouch(12"x6") |
| 2.62 | **Trauma Bag** | Various external pockets that are configured with elastic loops and multiple internal pouches for first response supplies.  The layout of the main internal body compartment can be customized quickly. A low profile back also keeps the kit close to the attendant minimizing pressure on the spine when transporting a fully loaded kit. Nonslip shoulder strap plus a concealed backpack harness system. Red color with reflector strips L 57 cm W 31 cm H 37 cm. |
| 2.63 | **Trolley for instruments**  | Equipped with 2 trays of Dimensions: 60 x 80 cmHeight of the upper shelf = 75 cmFrame mounted on wheelsMaterial: Stainless Steel |
| 2.63 | **Vacuum matress(with vacuum head immobiliser)** | Multichamber technology vacuum mattressOffers excellent rigidity and supportXray, CRT and MRI compatibleUtilises a proven, robust low profile valveColourfast, easy to clean and repairManufactured without the use of PVCManufactured in accordance with ISO 9001Supplied with 4 carrying handles 4 patient securing straps and 1 head strap150kg load capacityWorking temperature of 40§C to +100§CDimensions 198 X 89 x 4cm, weighs 6kgIncludes pump and carrying bag complete with backpack style straps |
| 2.64 | **Vacuum splints(set of 3)** | Improved valve and more robustDurable vinyl coated nylonVelcro adjustable straps(heavy duty)Fully welded without any open seams or textiles, making hygienic cleaning easyMost suction devices fit directly into the valve, no adapters are neededXrays may be taken with the splints in place and highly flexibleFlame retardant and easy to clean – fully welded without open seams or textilesSet of 3 splints with carrying bagEvacuation Pump |

**Lot 3: Equipment for DRR**

|  |  |  |
| --- | --- | --- |
| **Item Number** | **Item**  | **DETAILED SPECIFICATIONS** |
| 3.1 | AED | 1-For Adult and Pediatric use 2-Should have the ability to analyze rhythm automatically to detect cardiac arrhythmias in a sudden cardiac arrest patient3- Should be semi-automatic after due warning4- Chest compression assistant with metronome5- Defibrillator should be bi-phasic 6- Multilingual (Availability of Arabic language feature) 7- Should have charging time of less than 15 seconds for maximum energy with charging indicator 8- Should have built-in battery capable of usage for at least 180 minutes and/or 50 discharges 9- Low battery indication10- Should be supplied with all accessories & carrying case11- Casing and housing should be shock resistant and protected against fluid ingress 12- Should be compliant including all accessories with international standards: FDA and/or CE |
| 3.2 | AED Pads for adult | Adult Electrode Pads2-3 year shelf lifePre-connectedRFID TagCompatible with the awarded AED |
| 3.3 | AED Pads for children | Pediatric Electrode Pads2-3 year shelf lifePre-connectedRFID TagCompatible with the awarded AED |
| 3.4 | Scoop aluminum | Product size (LxWxH) 84.2in x 21.6in x 4.7inFolded size (LxWxH) 22.8in x 8.2in x 5.5inPacking size (LxWxH) 26.3in x 11.8in x 6.6inEstimated net weight 5 to 8 kgEstimated gross weight 7 to 10 kgLoad bearing weight up to 159kg |
| 3.5 | O2 Cylinder cover | Color: red Size: for 20 inch height cylinder, 4.38 inch diameterWeight capacity: 2.5kgAdjustable strap |
| 3.6 | Emergency kit bag | “D” size O2 cylinder compatible, Outside pocket organized with pouch and elastic loopsTuckaway backpack harness systemMade of heavy duty water repellent materialFeatures longlasting zippers that won’t split or catchMaximum size: L 55cm H 35cm W 25cmMinimum size: L 50cm H 30cm W 20cmRed color with reflector strips~10% margin of difference accepted |
| 3.7 | Trauma kit bag | Various external pockets that are configured with elastic loops and multiple internal pouches for first response suppliesShoulder strap + concealed backpack harness system.Red color with reflector stripsMaximum size: L 60 cm W 35 cm H 40 cmMinimum size: L 54 cm W 30 cm H 35 cm~10% margin of difference accepted |

**Lot 4: Equipment for MSS:**

|  |  |  |
| --- | --- | --- |
| **Item Number** | **Item**  | **DETAILED SPECIFICATIONS** |
| 4.1 | Autoclave/sterilizer  | Vacuum steam sterilizer. Bench mounted model. Front loading. High-grade stainless steel inner chamber. Chamber volume approx. 23 L.Cycle programs for Wrapped & UnwrappedWater Storage Tank: Sterilizer shall have inbuilt water reservoir with storage capacity up to 5 liters. The water reservoir shall have easy access for cleaning & to avoid bio film.Temperature range 105°C -135°C. Timer: 0-60 min.Safety system (over pressure, overheating, opening door, low water...).Automatic power Cut-off safety system.Automatic drying cycle.Digital or LCD display (Temperature, timer, Program Cycle). Led indicator (water, Heat, Sterilization, dry, end cycle). Integrated data printer. USB portThe sterilizer unit shall come with wire mesh basket to hold the materials & suitable size instrument trays.Power supply: 220-240V 50 Hz.FDA or CE Approved |
| 4.2 | EKG | Electrocardiogram machine, minimum 3 channels, with screen portable, operating on AC and with internal rechargeable lithium batteries. Built-in thermal printer,rechargeable battery, AC/DC power. Automatic ECG measurement and interpretation. With Thermal paper role. Options for printing EKG on A4:Option 1:PC based machine software/ module ( wired or wireless) / laser printer /archiving Option 2: EKG machine that can connect to PC through lan, wlan or usb but need specific software, to archive & print on laser printer. Specify the brand as each has its own software.Option 3: on market there are some brands that have EKG that can directly connect to laser printerSingle-use electrodes option:If single-use electrodes are requested provide clip-type cable supplied with single-use electrodesFDA or CE mark. |
| 4.3 | Ultrasound (cardiac, abdominal, vaginal) | Color Doppler Ultrasound - Display monitor: minimum 15" color high resolution LCD - Articulating monitor arm - Console design, full size keyboard, 8 TGC pods, Integrated speakers - Probe holders, Gel holder, front and rear handles - Minimum 3 probe connectors - Minimum Built-in storage (HDD) (500GB) - 2 USB ports, DVD-RW driver - Applications: Abdominal, Breast, Obstetrical/Gynecological, cardiac Real-time automatic doppler calculations2D imaging - Automatic IMT - Probes: Convex transducer, Linear Array ,cardiac adult transducer, Transvaginal - Connectivity: Ethernet port, VGA port - B/W thermal Printer - Electrical power: Voltage 110-220 V AC Supplied on stable, mobile trolley fitted with 4 wheels that can be brakedFDA or CE mark. |
| 4.4 | Fetal Doppler (portable) | Portable fetal heart beat detector, lightweight , Frequency : 2.0Mhz/2.5 Mhz , Intensity: 5m W/cm or less. FDA or CE mark. |
| 4.5 | Doppler (portable) | Portable / Handheld equipment for vascular assessment, and detection of peripheral arterial disease. Provide high quality blood flow information. Durable Long-Lasting Sealed pencil shaped vascular probes with frequencies selected from 5 MHz. Provide access to both deep and superficial arteries and veins for determining systolic blood pressures, vessel patency and locating hard-to-find vessels.Built-in High-fidelity speaker and auxiliary output for headphone.Integrated probe holder, carry case.Integrated gain control and Volume control. |
| 4.6 | Otoscope  | Fiber Optic. Onyx w/ Handle complete, with 4 reusable specula different sizes: 2.5, 3, 4 and 5mm for adult and pediatric. Battery Type: AA AlkalineMagnification Power: 3.4XHard case. Accessories: Set of plastic specula, varying diameters between 2.0 and 5.0 mmTwo spare bulbs. At least 10 reusable (autoclavable) otoscope specula for each one of the following measure: 2, 3 and 5 mm.FDA or CE mark. |
| 4.7 | Ear speculum | Varying diameters between 2.0 and 5.0 mm, reusable (autoclavable)  |
| 4.8 | Opthalmoscope | Direct opthalmoscope, battery powered, At least 2.5 V Xenon or Halogen light source.Magnification up to x15 . Anti-reflection lens.At least 3 apertures and fixation star.Dust free sealed optics and aspherical optical system.Red-free, blue and polarization filters.Supplied in protective, reclosable container.On/off switch to be robust and easy to use.External material to be non-ferrous. |
| 4.9 | Thermometers  | Digital, infrared, no contact, hand held,Fast response time: 500ms, High accuracy +/-0.3 c. Temperature unit is factory default as Celcius degreeEasy to clean |
| 4.10 | Oximeter | Portable, battery-poweredSpO2 measurement range at least 70 to 99 %, minimum resolution 1%Accuracy of SpO2 better than ± 2%Pulse rate range at least 30 to 240 bpm, Accuracy of pulse rate better than ± 4 bpmSignal strength or quality to be visually displayedAutomatic power-off facility required after minimum of 1 minuteLow battery display requiredFingertip modelFDA, CE approved |
| 4.11 | Stethoscope | Dual head, Head and earpiece constructed of non-ferrous materialEarpieces to have shaped, cushioned endsTubes to be synthetic material |
| 4.12 | Sphyngomanometer  | Aneroid pressure gauge (no stop pin) with an air pressure release-valve. Rubber bulb with palm fitting handle. Connector to rubber tube. Connecting tube.Tube length to be greater than 30cmCuff surround to be removable and Washable with inflatable bladder. Included: Cuffs: (Adult, Child, obese ). FDA, CE approved |
| 4.13 | Blood pressure cuffs (adult, pediatric)  | Cuff surround to be removable and Washable Cuff with inflatable bladder. Cuffs: (Adult, Child, obese ) |
| 4.14 | Hemoglucotest (HGT) | Handheld.Weight 0.2 lbs (75 g), Dimensions 3.6 in x 2.3 in x 0.9 in (91 mm x 58 mm x 23 mm)Data Storage 200 glucose measurements or QC testsMeasurement Range and Units: 10-900 mg/dL, Sample Volume Required 1.2uLTime to Glucose Results 6 secondsFDA or CE mark. |
| 4.15 | Hemoglobin meter  | Automation: Fully AutomaticNumber Of Chambers 1Sample Mode: Whole BloodMethod: Flow CytometryChamber Type: SinglePortable, able to work in hot climate, up to 45 degree Celsius.Easy To UseFDA or CE mark. |
| 4.16 | Medication tablets counter  | With box and spatula |
| 4.17 | Exam table (adult, pediatric) | Approx. Dimensions: 180 cm l x 60cm w x 80cm h - Frame: Stainless steel tubesØ 30mm. - Adjustable backrest by hand lever - Two sectioned-simulated leather, Mattress, fixed, without seams, 40mm thick. Equipped with paper roll holder. Manual.CE mark |
| 4.18 | Exam table (OBS-GYN) | Approx. Dimensions: 180 cm l x 60cm w x 80cm h - Frame: Stainless steel tubesØ 30mm. - Adjustable backrest by hand lever - Three sections-simulated leather, Mattress, fixed, without seams, 40mm thick. Removable Legrest. Equipped with paper roll holder. Manual.CE mark |
| 4.19 | Mobile exam light | LED and length and head adjustable, mobile stand, At least two castors have been equipped with brakes.  |
| 4.20 | Carts (multipurpose) / Chariot medical | Stainless steel with drawer and inferior shelveSize depends on use, user need and location (suggested 60\*40 cm) |
| 4.21 | Wheelchair | Four wheels, Folding frame/frame with mechanism/s to fold/dismantle, Push handles, Fixed backrest, Armrests, Footrests, easy to clean. With breaks. |
| 4.22 | Measurment scale (adult) | Adult Mechanical Floor scaleDisplays weight in kg, Capacity up to 200 kg.Graduation Weight: 100 g.Reading on both sides.Robust lever system.Height adjustable rod up.Height Rod Range: approx. 60 - 200 cm with 1 mm graduations.Anti-slip platform.Adjustable zero point.Weighing units (kg ).Transport castors-Portable |
| 4.23 | Measurment scale (pediatric) | Infant mechanical scale. Measuring range up to approx. 16kg. Minimum graduation, 10g. Readout in kg. Includes removable tray for infant. Easy zero adjustment possibility. Smooth surface/finishing allows for easy cleaning/disinfection. All vital parts made of rust proof materials. Easy maintenance and repair. Shock resistant light-weight body.  |
| 4.24 | Light pen | Battery Powered.Light Source Type. LED.Material: Aluminum.Battery Cell Composition: Alkaline. |
| 4.25 | Step stool | Double step stool. Weight capacity: 150 kgs. Chrome-plated 18 gauge steel for durability. Skid-resistant rubber mat |
| 4.26 | Waste Refrigerator | Cabinet Type: Plastic linero Volume: 550(Liter)o Dimensions: (WxDxH) 75x76x180(cm)o Number of Shelves: Minimum 3o No FreezerFEATURES:o Dynamic cooling systemo Tropical compressor resist voltage fluctuation.o Multi positional shelf systemo Environmentally friendlyo Adjustable high load bearing shelveso Pre painted steel inner linero Heavy duty unidirectional wheelso Adjustable feet in the fronto Uniform air distributiono Wide steel condenser with cooling fan for high efficiency and durabilityo Clean back designo Non PVC door frameo 220/240V 50/60HZo Durable ABS lower grill |
| 4.27 | Vaccine refrigerator | Solar direct drive refrigerator/freezer for vaccine storage and ice pack productionRefrigerator stores 57 litres of vaccines, freezer available for 13.8 kg of ice packs (23 x 0.6L). Works at WHO solar reference period 3.5kWh/m2/24hr.Stacking baskets for easy-access stock management.Holdover time (duration during which a vaccine load is maintained at a temperature range between +2°C and +10°C with no sun and at maximum ambient temperature: 3.9 days at +43°C (94 hr 11 min).Corrosion resistance  |
| 4.28 | Cleaning trolley | Stainless steel or heavy duty plastic2 buckets system for mops with a press, 2 small buckets for cloths3 shelvesCaution wet floor2 Waste bags (Regular and infectious)Mop holder strong hook |
| 4.29 | Measuring tape  | Tailor type, PVC coated polyester, 20mm x 3m |
| 4.30 | Charts, eye | Snellen Wall Chart 22 in x 11 in. Easy to hang on the wall.  |
| 4.31 | Height board (pediatric) | Portable height measuring baby scale, Range:10-80 cm. Graduation: 1mm. Fixed head piece (headboard).Slide foot positioner. Washable  |
| 4.32 | Height board (adult) | Wall height measuring board, Medical Height Scale, Height range: 20-210cm, Division of height: 5mm, Material: ABS Plastic+ Aluminum |
| 4.33 | Transport container for bio-hazardous waste  | 125 l, 600x450x450, Polyethylene, Designed for the storage and small scale transportation (below 333 kg per transport) of collected bio-hazardous waste from small generators. Maximum load 10kg.Sturdy structure enables multiplied stacking. The container is equipped with removable but closable lid. Front flat areas enable placing of identification (type of waste - labels).file:///D:/data%20D/LRC/Instruments/WHO%20waste%20supplies%20specifications.pdf  |
| 4.34 | Trays | Rectangular tray with rounded corners. Stainless steel. Smooth surface. 30cm\*15-22 cm\*3 cm. Steel quality, as per ISO standard |
| 4.35 | Kidney dish | Medium, 250x140x40mm, stainless steel |
| 4.36 | Tuning forks | Nickel-plated steel, material thickness 8 mm, for otologists, high-grade steel, nickle-platedapprox. 17 cm |
| 4.37 | Reflex hammer  | Solid handle and a rubber head.Length: 20cm. |
| 4.38 | IUD insertion kit: Tenaculum forceps straight  | FORCEPS, SEIZING, POZZI, 25 cm, tenaculum, straight, Stainless steel, 400 grade, Passivated, maker mark, CE/FDA. Screw lock. Ratchet with variable settings. Adjustable grip. |
| 4.39 | IUD insertion kit: Ringed Forceps  | 24cm, serrated jaws, straight, Stainless steel, 400 grade, Passivated, maker mark, CE/FDA |
| 4.40 | IUD insertion kit: Hysterometer  | 32 cm, sims curved, rigid, malleable, graduated in cm, sainless steel 400 grade, Passivated, maker mark, CE/FDA |
| 4.41 | IUD insertion kit: Scissors | Scissors Mayo, straight, with blunt-tipped blades. Length: 15 cm. Stainless steel, 400 grade,Passivated, maker mark, CE/FDA |
| 4.42 | Kocher | Artery forceps, straight, 16 cm, Stainless steel, 400 grade, Passivated, maker mark, CE/FDA |
| 4.43 | Dissecting  | Anatomy forceps, dressing, standard, 14 cm, straight,Stainless steel, 400 grade,Passivated, maker mark. CE/FDA |
| 4.45 | Disinfectant soaking container | Non autoclavable with basket, transparent lid, durable plastic material5-10 liters depending on health center need (size and quantity of instruments) |

**PLEASE NOTE THAT BIDDERS MUST SUBMIT DATASHEETS AND SAMPLES AS SPECIFY IN THE BELOW TABLE WITH THE BID (PLEASE NUMBED THE PRINTED DATASHEETS AS PER THE ITEM NUMBER MENTIONED IN THE BELOW TABLE):**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item Number** | **Item**  | **SUPPLIERS MUST SUBMIT** |  | **Item Number** | **Item**  | **SUPPLIERS MUST SUBMIT** |  | **Item Number** | **Item**  | **SUPPLIERS MUST SUBMIT** |  | **Item Number** | **Item**  | **SUPPLIERS MUST SUBMIT** |
| 1.1 |  Manual Plasma Expresser | Datasheet  |  | 2.1 | **Automated External Defibrillator** | Datasheet |  | 3.1 | AED | datasheet |  | 4.1 | Autoclave/sterilizer  | Data sheet |
| 1.2 |  Samples Management System | Datasheet  |  | 2.2 | **Automated External DefibrillatorBattery** | Datasheet |  | 3.2 | AED Pads for adult | datasheet |  | 4.2 | EKG | Data sheet |
| 1.3 |  Multiple Sterile Connecting Device | Datasheet  |  | 2.3 | **Automatic Suction** | Datasheet |  | 3.3 | AED Pads for children | datasheet |  | 4.3 | Ultrasound (cardiac, abdominal, vaginal) | Data sheet |
| 1.4 | Automatic Blood Separator | Datasheet  |  | 2.4 | **Bag Valve Mask Adult(kit)** | Sample |  | 3.4 | Scoop aluminum | datasheet |  | 4.4 | Fetal Doppler (portable) | Data sheet |
| 1.5 | Bench Top Centrifuge  | Datasheet  |  | 2.5 | **Bag Valve Mask Pediatric(bag)** | Sample |  | 3.5 | O2 Cylinder cover | sample |  | 4.5 | Doppler (portable) | Data sheet |
| 1.6 | Blood Mixers with sealing function | Datasheet  |  | 2.6 | **Bag Valve Mask Pediatric(kit)** | Sample |  | 3.6 | Emergency kit bag | sample |  | 4.6 | Otoscope  | Data sheet |
| 1.7 | Digital Blood Pressure Monitor | Datasheet  |  | 2.7 | **Basin** | Sample or Datasheet |  | 3.7 | Trauma kit bag | sample |  | 4.7 | Ear speculum | Data sheet |
| 1.8 | Digital Thermometer  | Datasheet  |  | 2.8 | **Cervical Collar Adult** | Sample |  |  |  |  |  | 4.8 | Opthalmoscope | Data sheet |
| 1.9 |  Blood Bank Weighing Scale | Datasheet  |  | 2.9 | **Cervical Collar Pediatric**  | Sample |  |  |  |  |  | 4.9 | Thermometers  | Data sheet |
| 1.1 | Eye Wash Station  | Datasheet  |  | 2.10 | **Child immobilisation device** | Sample |  |  |  |  |  | 4.10 | Oximeter | Data sheet |
| 1.11 | Freezer for Plasma Storage  | Datasheet  |  | 2.11 | **Cloth Scissors** | Sample |  |  |  |  |  | 4.11 | Stethoscope | Data sheet |
| 1.12 | Hemoglobin testing device | Datasheet  |  | 2.12 | **CPR Board**  | Datasheet |  |  |  |  |  | 4.12 | Sphyngomanometer  | Data sheet |
| 1.13 | High Capacity refrigerated blood bag centrifuge for the labile blood product technical preparation | Datasheet  |  | 2.13 | **Cuffs for sphygmomanometer(set of 3)** | Sample |  |  |  |  |  | 4.13 | Blood pressure cuffs (adult, pediatric)  | Data sheet |
| 1.14 | High Frequency Tube Sealing For Blood Product Bags | Datasheet  |  | 2.14 | **Curved Clamp** | Sample |  |  |  |  |  | 4.14 | Hemoglucotest (HGT) | Data sheet |
| 1.15 | Variable Volume MicroPipette | Datasheet  |  | 2.15 | **Electronic thermometer** | Sample |  |  |  |  |  | 4.15 | Hemoglobin meter  | Data sheet |
| 1.16 | Platelet Agitator and Incubator | Datasheet  |  | 2.16 | **Evacuation foldable Chair**  | Datasheet |  |  |  |  |  | 4.16 | Medication tablets counter  | sample |
| 1.17 | Provision of Blood products collection in fixed Sites | Datasheet  |  | 2.17 | **Examination table** | Datasheet |  |  |  |  |  | 4.17 | Exam table (adult, pediatric) | Data sheet |
| 1.18 | Provision of Blood products collection Chairs in mobile Sites | Datasheet  |  | 2.18 | **Extrication device** | Sample |  |  |  |  |  | 4.18 | Exam table (OBS-GYN) | Data sheet |
| 1.19 | Upright Blood Bank Refrigerators  | Datasheet  |  | 2.19 | **Female Urinnary** | Sample or Datasheet |  |  |  |  |  | 4.19 | Mobile exam light | Data sheet |
| 1.2 | Work Station  | Datasheet  |  | 2.20 | **Fixed Sphygmomanometer**  | Sample |  |  |  |  |  | 4.20 | Carts (multipurpose) / Chariot medical | Data sheet |
| 1.21 | ID Pipette  | Datasheet  |  | 2.21 | **Foldable Stretcher** | Datasheet |  |  |  |  |  | 4.21 | Wheelchair | Data sheet |
| 1.22 | Automatic Residual Leukocyte Counting | Datasheet  |  | 2.22 | **Forceps**  | Sample |  |  |  |  |  | 4.22 | Measurment scale (adult) | Data sheet |
| 1.23 | Pathogen Inactivation System- Illuminator | Datasheet  |  | 2.23 | **Glucomete Machine** | Datasheet |  |  |  |  |  | 4.23 | Measurment scale (pediatric) | Data sheet |
| 1.24 | Analyzer Management System | Datasheet  |  | 2.24 | **Head Immobilizer** | Sample |  |  |  |  |  | 4.24 | Light pen | sample |
| 1.25 | ID Incubator  | Datasheet  |  | 2.25 | **Kidney Bowl** | Sample or Datasheet |  |  |  |  |  | 4.25 | Step stool | Data sheet |
| 1.26 | ID Centrifuge  | Datasheet  |  | 2.26 | **Male Urinary** | Sample or Datasheet |  |  |  |  |  | 4.26 | Waste Refrigerator | Data sheet |
| 1.27 | Banjo Reader  | Datasheet  |  | 2.27 | **Manual Suction** | Sample |  |  |  |  |  | 4.27 | Vaccine refrigerator | Data sheet |
| 1.28 | Automated Hematology Analyzer  | Datasheet  |  | 2.28 | **Metalic belt(set)** | Sample |  |  |  |  |  | 4.28 | Cleaning trolley | Data sheet |
| 1.29 | Loggers for Rooms and Devices  | Datasheet  |  | 2.29 | **Metalic speed clips (set)** | Sample |  |  |  |  |  | 4.29 | Measuring tape  | Data sheet |
| 1.30 | Automatic Blood Tube Stripper  | Datasheet  |  | 2.30 | **Mouth to mouth pocket mask** | Sample |  |  |  |  |  | 4.30 | Charts, eye | Data sheet |
|   | Alinity Accessories  |   |  | 2.31 | **Oximeter** | Sample |  |  |  |  |  | 4.31 | Height board (pediatric) | Data sheet |
| 1.31 | -        Pipettor Probes (2 pack) | Datasheet |  | 2.32 | **Oxygen Bag** | Sample |  |  |  |  |  | 4.32 | Height board (adult) | Data sheet |
| 1.32 | -        Alinity i-Series Wash Zone Probe | Datasheet |  | 2.33 | **Oxygen Cylindre D size** | Datasheet |  |  |  |  |  | 4.33 | Transport container for bio-hazardous waste  | Data sheet |
| 1.33 | -        Alinity i-Series Probe Tubing, Wash Zone 1 (3 pack) | Datasheet |  | 2.34 | **Oxygen Cylindre E size** | Datasheet |  |  |  |  |  | 4.34 | Trays | sample |
| 1.34 | -        Alinity i-Series Probe Tubing, Wash Zone 2 (3 pack) | Datasheet |  | 2.35 | **Oxygen Cylindre M size** | Datasheet |  |  |  |  |  | 4.35 | Kidney dish | Data sheet |
| 1.35 | -        Alinity i-Series Probe Tubing, Waste Aspirate | Datasheet |  | 2.36 | **Oxygen Regulator** | Datasheet |  |  |  |  |  | 4.36 | Tuning forks | sample |
| 1.36 | -        Alinity i-Series Baffle, Wash Cup (3 Pack) | Datasheet |  | 2.37 | **Oxygen Regulator(M size bottle)** | Datasheet |  |  |  |  |  | 4.37 | Reflex hammer  | sample |
| 1.37 | -        Alinity ci-series Level Sensor, Bulk Solution | Datasheet |  | 2.38 | **Pelvic belt** | Sample |  |  |  |  |  | 4.38 | IUD insertion kit: Tenaculum forceps straight  | sample |
| 1.38 | -        Alinity i-Series Level Sensor, Diluted wash Buffer | Datasheet |  | 2.39 | **Penlight** | Sample |  |  |  |  |  | 4.39 | IUD insertion kit: Ringed Forceps  | sample |
| 1.39 | -        Alinity Monitor | Datasheet |  | 2.40 | **Portable Sphygmomanometer**  | Sample |  |  |  |  |  | 4.40 | IUD insertion kit: Hysterometer  | sample |
| 1.40 | -        Alinity Reagent Coolant | Datasheet |  | 2.41 | **Respirator Kit** | Datasheet |  |  |  |  |  | 4.41 | IUD insertion kit: Scissors | sample |
| 1.41 | -        Alinity Firewall | Datasheet |  | 2.42 | **Respirator (1 piece)** | Datasheet |  |  |  |  |  | 4.42 | Kocher | sample |
| 1.42 | Printer ( depending on compatibility | Datasheet |  | 2.43 | **Rigid splint(set)** | Sample |  |  |  |  |  | 4.43 | Dissecting  | sample |
|   | Architect Accessories  |   |  | 2.44 | **Scissors** | Sample |  |  |  |  |  | 4.45 | Disinfectant soaking container | sample |
| 1.43 | -        Sample Carries Kit | Datasheet |  | 2.45 | **Scoop** | Datasheet |  |  |  |  |  |  |  |  |
|  1.44 | -        Reagent Carries kit | Datasheet |  | 2.46 | **Screen** | Datasheet |  |  |  |  |  |  |  |  |
| 1.45 | -        Probe, Wash Zone | Datasheet |  | 2.47 | **Sharps Container** | Datasheet |  |  |  |  |  |  |  |  |
| 1.46 | -        Probe (Sample/Reagent) | Datasheet |  | 2.48 | **Spider Belt** | Sample |  |  |  |  |  |  |  |  |
| 1.47 | -        Probe/Tubing, Waste Arm | Datasheet |  | 2.49 | **Spine Board** | Datasheet |  |  |  |  |  |  |  |  |
| 1.48 | -        Senor, Level, Buffer | Datasheet |  | 2.50 | **Splint 18 Inch (junior)** | Sample |  |  |  |  |  |  |  |  |
| 1.49 | -        Sensor, Level, Trigger | Datasheet |  | 2.51 | **Splint 36 Inch** | Sample |  |  |  |  |  |  |  |  |
| 1.50 | -        Sensor, level Pre-Trigger | Datasheet |  | 2.52 | **Splint 9 Inch (wrist)** | Sample |  |  |  |  |  |  |  |  |
| 1.51 | -        Tubing, Probe | Datasheet |  | 2.53 | **Splint Finger** | Sample |  |  |  |  |  |  |  |  |
| 1.52 | -        Tubing/Sensor, Temp, WZ | Datasheet |  | 2.54 | **Stainless Bowl** | Sample or Datasheet |  |  |  |  |  |  |  |  |
| 1.53 | -        Tubing, Wash Buffer Transfer | Datasheet |  | 2.55 | **Stainless container** | Sample or Datasheet |  |  |  |  |  |  |  |  |
| 1.54 | -        Filtre, Buffer | Datasheet |  | 2.56 | **Stainless container for gauze** | Sample or Datasheet |  |  |  |  |  |  |  |  |
| 1.55 | -        Filter, Card Cage/Supply | Datasheet |  | 2.57 | **Stair chair** | Datasheet |  |  |  |  |  |  |  |  |
| 1.56 | -        Filter, Processing Center | Datasheet |  | 2.58 | **Stair evacuation chair with tracks** | Datasheet |  |  |  |  |  |  |  |  |
| 1.57 | -        Monitor | Datasheet |  | 2.59 | **Stairs** | Sample or Datasheet |  |  |  |  |  |  |  |  |
| 1.58 | -        Probe Next R | Datasheet |  | 2.60 | **Stethoscope** | Sample |  |  |  |  |  |  |  |  |
| 1.59 | -        I1000 Tubing | Datasheet |  | 2.61 | **Traction Device** | Sample |  |  |  |  |  |  |  |  |
| 1.6 | -        I2000 Tubing | Datasheet |  | 2.62 | **Trauma Bag** | Sample |  |  |  |  |  |  |  |  |
| 1.61 | -        Kit Probe next R, IT/I1SR | Datasheet |  | 2.63 | **Trolley for instruments**  | Datasheet |  |  |  |  |  |  |  |  |
| 1.62 | -        Sensor Level Buffer (I1000SR) | Datasheet |  | 2.63 | **Vacuum matress(with vacuum head immobiliser)** | Sample |  |  |  |  |  |  |  |  |
| 1.63 | -        Buffer Outlet Assy (I1000SR) | Datasheet |  | 2.64 | **Vacuum splints(set of 3)** | Sample |  |  |  |  |  |  |  |  |
| 1.64 | -        Printer depending on compatibility | Datasheet |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.65 | Blue Line Transport Boxes | Datasheet |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.66 | Delta T FFP and PRBC Elements | Datasheet and sample  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.67 | Blast Plasma Freezer | Datasheet |  |  |  |  |  |  |  |  |  |  |  |  |

**Annex 4 – Past Performance & Bidder References** **(Must be signed and stamped)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Description** | **Customer** | **Unit** | **Quantity** | **Contract date** | **Contract value (USD)** |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |

Please provide the details of minimum two companies for your reference check. For these companies it is compulsory to attach a scan either / photo copy of the Contract/ Purchase order/ Completion certificate/ or Reference letters as proof.

|  |  |
| --- | --- |
| **Reference 1** |  |
| Company name |  |
| Mailing address |  |
| Contact person |  |
| Contact title |  |
| Phone number |  |
| Email address |  |
| **Reference 2** |  |
| Company name |  |
|  |  |
| Mailing address |  |
| Contact person |  |
| Contact title |  |
| Phone number |  |
| Email address |  |

## Annex 5 Tender and Award Acknowledge Certificate

## This attachment shall be signed and submitted with the Bid (Must be signed and stamped)

|  |  |
| --- | --- |
| 1. In compliance with the ITB Instructions and General Conditions of Procurement Contract, we the undersigned, offer to furnish some or all of the quoted for, at the prices entered in the attached LRCS Bid Form No [ITB/2023-034 delivered to the destination specified therein.2. We accept the terms and conditions set forth in the ITB Letter, and the following requirements have been noted and will be complied with where applicable:a. That unless otherwise stated, the Bids per each line item shall be on a DDP- Beirut (Incoterms 2020) basis.b. We confirm that for any offer made where thedelivery destination is not as requested in the ITB, item shall be on a DDP- Beirut (Incoterms 2020) basis.c. That conditional Bid cannot be accepted.d. That the currency of the Bid should be in USD, or LEB, no other currencies will be accepted.e. LRCS reserves the right, at its own discretion:i. To award a contract for a lesser or greaterquantity than the total quantity Bid for.ii. To reject any or all Bids and/or enter a contract with a Bidder other than the lowest Bidder.f. Successful Bidders who are awarded contracts will be notified by the receipt of the original Purchase Order/Contract and acknowledgement copy. In case of urgency, successful Bidders(s) may also be notified by email.g. Any samples requested, either with the Bid, or at a later date, will be in accordance with thespecifications of the required item(s). Failure tocomply with this may result in the Bid not being consideredh. We confirm that the validity of this offer match the FWA validity | i. We agree to the terms and conditions set in the LRCS General Conditions of Procurement Contract j. We certify that the below mentioned company has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing any contract.k. We agree to abide by the LRCS Addendum,3. We note that LRCS is not bound to proceed with this ITB and that it reserves the right to award only part of the contract. It will incur no liability towards us should it do so.We agree to the above terms and conditions.Submitted by:Company Name-----------------------------------------Place-------------------------------------------------------Date--------------------------------------------------------Title/Position--------------------------------------------Print Name----------------------------------------------Signature-------------------------------------------------A duly authorized company representative **any Stamp** |

**Annex 6: General conditions of Procurement Contract.**

**Article 1. Terms & conditions on purchasing**

**1.1. Acceptance:** No purchase order shall become effective and no contract shall exist until the

LRCS has received from the Supplier their written acceptance of the conditions which

govern the PO or contract. This can be accomplished by return of the signed Letter of

Authorization and Acknowledgment Form attached.

**1.2. Tax Exemption:** The Supplier’s price shall reflect any tax exemption to which the LRCS is

entitled by reason of any immunities which it enjoys. If it is subsequently determined that

any taxes which have been included in the price are not required to be paid, the LRCS shall

deduct the amount from the contract price or, if it has paid any such taxes, it shall be

refunded.

**1.3. Discount:** Time in connection with any discounts offered will be computed from the date of

receipt by the LRCS of full documentation as specified by the Purchase Order, contract or

Annex thereto.

**1.4. Warranty:** The Supplier warrants the goods or services furnished under this Purchase Order

/ Contract to be fit for their intended use, free from defects in workmanship or materials,

and indemnifies the LRCS against any claims resulting there from. This warranty is without

prejudice to any further guarantees that the Supplier provides to the Purchaser; such

guarantees shall apply to the subject goods of this Purchase Order / Contract.

**1.5. Inspection:** The duly accredited representatives of the LRCS shall have the right to inspect

the goods or services called for under this Purchase Order / Contract at the Supplier’s

stores, during manufacture, in the ports or at places of shipment, and the Supplier shall

cooperate and provide all facilities for such an inspection. The LRCS may issue a written

waiver of inspection at its discretion. Any inspection carried out by representatives of the

LRCS or any waiver thereof shall not prejudice the implementation of any other relevant

provisions of this Purchase Order / Contract concerning obligations subscribed by the

Supplier, such as warranty or specifications.

**1.6. Packing:** The Supplier shall pack all goods appropriately and with every care in accordance

with normal commercial standards of export packing for the type of goods specified herein.

Such packing materials used must be adequate to safeguard the goods while in transit. The

Supplier shall be responsible for any damage or loss which can be shown to have resulted

from faulty or inadequate packing.

**1.7. Export License:** The Purchase Order / Contract is subject to the obtaining of any export

license or other governmental authorization which may be required. It shall be the

responsibility of the Supplier to inform the LRCS beforehand of such restrictions and obtain

such license or authorization, but the LRCS will use its best endeavors to assist. In the

event of refusal thereof, the Purchase Order / Contract will be annulled and all claims

between the parties automatically waived.

**1.8. Force Majeure:** Force majeure, as used herein, shall mean acts of God (involuntary and

unexpected acts), laws or regulations, industrial disturbances, acts of war, explosions and

any other similar cause of equivalent force not caused by, nor within the control of either

party, and which neither party is able to overcome. As soon as possible after the

occurrence of the force majeure and within not more than 15 days, the supplier shall give

notice and full particulars in writing to the LRCS of such force majeure if the Supplier is

thereby rendered unable, wholly or in part, to perform his obligations and meet his

responsibilities under this Purchase Order / Contract. The LRCS shall then have the right to

terminate the Purchase Order / Contract by giving in writing seven days’ notice of

termination to the Supplier, and the Supplier shall return any deposit paid by the LRCS.

**1.9. Default:** In case of default by the Supplier, including but not limited to failure or refusal to

make deliveries within the time limit specified, the LRCS may procure the goods or services

from other sources and hold the Supplier responsible for any excess costs occasioned

thereby. Furthermore, the LRCS may by written notice terminate the right of the Supplier

to proceed with the deliveries, or such parts thereof as to which there has been default.

**1.10. Conformity with Specifications:** In the case of goods purchased on the basis of

specifications the Supplier warrants their conformity. The LRCS shall have the right to reject

the goods or any part thereof if they do not conform to specifications. Any supplies not

found to be in accordance with the specification and requirements will not be accepted and

in that eventuality the supplier shall replace the goods and bear the inspection cost and/or

other losses caused to LRCS, if any, by replacement of the items non–conforming to the

requirements/specification.

**1.11. Liquidated Damages:** Arrival of goods/ completion of services after agreed delivery

schedule will be subject to deduction of damages

**1.12. Disputes-Arbitration:** Any claim or controversy arriving out of this Purchase Order /

Contract, or to the breach, termination or invalidity thereof the parties agree to attempt to

settle it amicably via direct negotiations between the two sides within seven days. In case

of any dispute that cannot be settled in such way, the Lebanese law shall be applicable and

the Lebanese courts will settle any litigation in this regards that was not solved amicably

**1.13. Privileges and Immunities:** Nothing contained in this Purchase Order / Contract

shall be deemed a waiver, express or implied, of any privilege or immunity which the LRCS

may enjoy, whether pursuant to existing conventions or agreements.

**1.14. Assignment:** The Supplier shall not assign, transfer, pledge or make other

disposition of this Purchase Order / Contract or any part thereof or of any of the Supplier’s

rights, claims or obligations under this Purchase Order / Contract except with the prior

written consent of the LRCS.

**1.15. Bankruptcy:** Should the Supplier file any petition for bankruptcy, or should the

Supplier make a general assignment for the benefit of its creditors, or should a receiver be

appointed on account of the Supplier’s insolvency, the LRCS may under the terms of this

Purchase Order / Contract, terminate the same forthwith by giving the Supplier written

notice of such termination.

**1.16. Advertising:** Unless authorized in advance in writing by the LRCS, the Supplier shall

not advertise or otherwise make public the fact that he is a Supplier to the LRCS and / or

any National Red Cross or Red Crescent Society, or use the name, emblem or official seal of

the LRCS and / or any National Red Cross or Red Crescent Society, or any abbreviation of

the name of the LRCS and / or any National Red Cross or Red Crescent Society for

advertising purposes or any other purposes.

**1.17. Officials Not to Benefit:** The supplier represents and warrants that no official of the

LRCS has been, or shall be, admitted by the supplier to any direct or indirect benefit arising

from this contract or the award thereof. The supplier agrees that breach of this provision is

a breach of an essential term of this contract.

**1.18. Amendments:** No changes or modifications to this Purchase Order / Contract shall

be valid unless mutually agreed between both parties and confirmed by an official

amendment.

**1.19. Notice:** Service of any notice shall be deemed to be good if sent by registered mail,

or email to the addresses of both parties, set out in the heading of this Purchase Order /

Contract.

**1.20. Jurisdiction:** This Contract is considered to be concluded as defined in the attached

Addendum.

**Article 2. Labour standards**

**2.1. Employment is freely chosen:** There is no forced, bonded or involuntary prison labour.

Workers are not required to lodge `deposits’ or their identity papers with the employer and

are free to leave their employer after reasonable notice.

**2.2. Freedom of association and the right to collective bargaining are respected:** Workers,

without distinction, have the right to join or form trade unions of their own choosing and to

bargain collectively. The employer adopts an open attitude towards the legitimate activities

of trade unions. Workers representatives are not discriminated against and have access to

carry out their representative functions in the workplace. Where the right to freedom of

association and collective bargaining is restricted under law, the employer facilitates, and

does not hinder, the development of parallel means for independent and free association

and bargaining.

**2.3. Working conditions are safe and hygienic:** A safe and hygienic working environment shall

be provided, bearing in mind the prevailing knowledge of the industry and of any specific

hazards. Adequate steps shall be taken to prevent accidents and injury to health arising out

of, associated with, or occurring in the course of work, by minimising, so far as is reasonably

practicable, the causes of hazards inherent in the working environment. Workers shall

receive regular and recorded health and safety training, and such training shall be repeated

for new or reassigned workers. Access to clean toilet facilities and potable water and, if

appropriate, sanitary facilities for food storage shall be provided. Accommodation, where

provided, shall be clean, safe, and meet the basic needs of the workers. The company

observing the standards shall assign responsibility for health and safety to a senior

management representative.

**2.4. Child Labour shall not be used:** There shall be no new recruitment of child labour.

Companies shall develop or participate in and contribute to policies and programmes,

which provide for the transition of any child found to be performing child labour to enable

her/him to attend and remain in quality education until no longer a child. Children and

young people under 18 years of age shall not be employed at night or in hazardous

conditions. These policies and procedures shall conform to the provisions of the relevant

International Labour Organisation (ILO) standards.

**2.5. Living wages are paid:** Wages and benefits paid for a standard working week meet, at a

minimum, national legal standards or industry benchmarks. In any event wages should

always be high enough to meet basic needs and to provide some discretionary income. All

workers shall be provided with written and understandable information about their

employment conditions in respect to wages before they enter employment, and about the

particulars of their wages for the pay period concerned each time that they are paid.

Deductions from wages as a disciplinary measure shall not be permitted nor shall any

deductions from wages not provided for by national law be permitted without the express

and informed permission of the worker concerned. All disciplinary measures should be

recorded.

**2.6. Working hours are not excessive:** Working hours comply with national laws and benchmark

industry standards, whichever affords greater protection. In any event, workers shall not on

a regular basis be required to work in excess of the local legal working hours. Overtime shall

be voluntary, shall not exceed local legal limits, shall not be demanded on a regular basis

and shall always be compensated at a premium rate.

**2.7. No discrimination is practised:** There is no discrimination in hiring, compensation, access to training, promotion, termination or retirement based on race, caste, national origin,

religion, age, disability, gender, marital status, sexual orientation, union membership or

political affiliation.

**2.8. Regular employment is provided:** To every extent possible work performed must be on the basis of a recognised employment relationship established through national law and

practice. Obligations to employees under labour or social security laws and regulations

arising from the regular employment relationship shall not be avoided through the use of

labour-only contracting, sub-contracting or home-working arrangements, or through

apprenticeship schemes where there is no real intent to impart skills or provide regular

employment, nor shall any such obligations be avoided through the excessive use of fixedterm

contracts of employment.

basis of a recognised employment relationship established through national law and

practice. Obligations to employees under labour or social security laws and regulations

arising from the regular employment relationship shall not be avoided through the use of

labour-only contracting, sub-contracting or home-working arrangements, or through

apprenticeship schemes where there is no real intent to impart skills or provide regular

employment, nor shall any such obligations be avoided through the excessive use of fixedterm

contracts of employment.

**2.9. No harsh or inhumane treatment is allowed:** Physical abuse or discipline, the threat of

physical abuse, sexual or other harassment and verbal abuse or other forms of intimidation

shall be prohibited.

**Article 3. Corporate social responsibility & other requirements**

**3.1. Business ethics:** Suppliers are expected to maintain the highest degree of business ethics

when working or seeking to work with the LRCS.

**3.2. Transparency of information provision:** Suppliers shall not be involved in any fraudulent

activities, misrepresent information or facts for the purpose of influencing the selection and

contract-awarding process in their favour.

**3.3. Fair competition:** Suppliers shall not be involved in any corrupt, collusive or coercive

practices.

**3.4. Conflict of interest:** The supplier shall represent and warrants that no official/

representative/ staff member of the LRCS has been, or shall be, admitted by the supplier to

any direct or indirect benefit arising from the award of the contract.

**3.5. Adherence to IFRC principles:** When performing on behalf of or at any time representing

the LRCS, the supplier and all individuals assigned by it to perform works or services, shall

act in a manner consistent with the fundamental principles of the International Red Cross

and Red Crescent Movement.

**3.6. Misrepresentation:** By participating in the tender, submitting the bid and having being

selected as a Supplier, the supplier acknowledges their acceptance of the above stated

requirements and shall be held responsible and liable for the consequences of any false or

misrepresented information provided

**Article 4. Environmental and carbon reduction policy**

**4.1.** Suppliers should as a minimum comply with all statutory and other legal requirements

relating to the environmental impacts of their business. Detailed performance standards

are a matter for suppliers, but should address at least the following:

**4.1.1. Waste Management:** Waste is minimised and items recycled whenever this is

practicable. Effective controls of waste in respect of ground, air, and water pollution

are adopted. In the case of hazardous materials, emergency response plans are in

place.

**4.1.2. Packaging and Paper:** Undue and unnecessary use of materials is avoided, and

recycled materials used whenever appropriate.

**4.1.3. Conservation:** Processes and activities are monitored and modified as necessary to

ensure that conservation of scarce resources, including water, flora and fauna and

productive land in certain situations.

**4.1.4. Energy Use:** All production and delivery processes, including the use of heating,

ventilation, lighting, IT systems and transportation, are based on the need to maximise

efficient energy use and to minimise harmful emissions.

**4.1.5. Safety precautions for transport and cargo handling:** All transport and cargo

handling processes are based on the need to maximise safety precautions and to

minimise potential injuries to the environment, beneficiaries and staff as well as the

suppliers’ employees or those of its subcontractors.

**Article 5. Ethical procurement**

**5.1.** Supplier’s core business (over 20% turnover) should not:

**5.1.1.** Manufacture or sell arms.

**5.1.2.** Manufacture or sell tobacco

**5.1.3.** Damage the reputation of the Red Cross name and/or emblem

**5.2.** Legal requirements: Suppliers should always work within the laws of their country

**Article 6. Payment.**

6.1. Payment will be made upon approval by LRCS of a completed milestone/deliverable, and receipt of verified original invoice submitted by Contractor to LRCS, within 45 days, and will be new and unused, free from material defects in quality, material, and design under normal use, and free from any right of claim by any third party, including claims of infringement of any intellectual property rights.

**Article 7.** **Tenderers shall be excluded from participation in a procurement procedure if:**

**7.1** They are bankrupt or being wound up, are having their affairs administered by the courts, have entered into an arrangement with creditors, have suspended business activities, are subject of proceedings concerning those matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations. However, tenderers in this situationmay be eligible to participate insofar as the Grant Recipient is able to purchase supplies on particularly advantageous terms from either a supplier which is definitively winding up its business activities, or the receivers or liquidators of a bankruptcy, through an arrangement with creditors, or through a similar procedure under national law;

**7.2** They or persons having powers of representation, decision-making or control over them have been convicted of an offence concerning their professional conduct by a final judgment;

**7.3** They have been guilty of grave professional misconduct; proven by any means which the Grant Recipient can justify;

**7.4** They have not fulfilled obligations relating to the payment of social security contributions or taxes in accordance with the legal provisions of the country in which they are established, or with those of the country of the Grant Recipient or those of the country where the contract is to be performed

**7.5** They or persons having powers of representation, decision-making or control over them have been convicted for fraud, corruption, involvement in a criminal organization or money laundering by a final judgment

**7.6** they make use of child labor or forced labor and/or practice discrimination, and/or do not respect the right to freedom of association and the right to organize and engage in collective bargaining pursuant to the core conventions of the International Labor Organization (ILO).

# Bidder’s checklist

|  |  |  |
| --- | --- | --- |
| **Description** | **To be filled by bidder** | To be filled by LRCS committee |
|  | **Included?** | Present & complete? | Comments |
| Step/ document to be submitted **with** tender | **Yes** | **No** | Yes | No |  |
| **Complete tender package** delivered before the deadline specified - **Compulsory** |  |  |  |  |  |
| **Annex 1** – LRCS Supplier Registration Form – completed, signed & stamped (if it was not submitted before) – **Compulsory** |  |  |  |  |  |
| **Annex 2** - Bid Form – completed, signed & stamped – **Compulsory**  |  |  |  |  |  |
| **Annex 4** – Past performance & Bidder references – completed, signed & stamped **Compulsory** |  |  |  |  |  |
| **Annex 5** - Tender Award and Acknowledge Certificate – signed & stamped – **Compulsory** |  |  |  |  |  |
| **Supporting documents (Mandatory):** |
| Copy of company registration – (Ministry of Justice)- وزارة العدل) ) شهادة تسجيل شركة تجارية **Compulsory**  |  |  |  |  |  |
| Copy of tax registration (Ministry of Finance( (وزارة المالية) شهادة تسجيل الشركة – **Compulsory** |  |  |  |  |  |
| Copy of VAT registration (Ministry of Finance) (وزارة المالية) شهادة تسجيل في الضريبة على القيمة المضافة – **Compulsory (if VAT registered)** |  |  |  |  |  |
| **اذاعة تجارية** |  |  |  |  |  |
| **IBAN BANK DOCUMENT Compulsory** |  |  |  |  |  |
| **AFD STATEMENT OF INTEGRITY (SIGNED AND STAMPED) Compulsory** |  |  |  |  |  |
| **GRC DECLARATION OF CONFORMITY + DUE DILIGENCE CHECK (SIGNED AND STAMPED) Compulsory** |  |  |  |  |  |

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| --- | --- | --- |
| **To be filled in by LRCS –Tender Opening Committee ONLY** | **Eligible** | **Ineligible** |
| Outcome of administrative check. |  |  |