



BIDDING DOCUMENT
Single Stage – One Envelope Procedure

**PROCUREMENT OF
EQUIPMENT / INSTRUMENTS / ANCILLARIES
FOR STRENGTHENING OF INSTITUTE OF
PHYSICAL MEDICINE AND REHABILITATION OF
DISABLE AT DUHS, KARACHI
(Ref No. DUHS/DP/2019/69)**

N.I.T No. DUHS/DP/2019/-69/71 Dated 29 MARCH 2019

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A: Instructions to Bidders. (ITB)

1. INTRODUCTION

1. GENERAL

1.1 The fund had allocated towards the scheme “**STRENGTHENING OF INSTITUTE OF PHYSICAL MEDICINE AND REHABILITATION OF DISABLE AT DOW UNIVERSITY OF HEALTH SCIENCES, KARACHI**”. It is intended that part of the proceeds of this fund will be applied to eligible payments under the contract for the **PROCUREMENT OF EQUIPMENT / INSTRUMENTS / ANCILLARIES**.

2. ELIGIBLE BIDDERS

2.1 This notice inviting tender is open to all original Manufacturers, within Pakistan and abroad, and their Authorized Agents / Importers / Bidders / Distributors.

2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the University to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this notice inviting tender.

2.3 Government-owned enterprises may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Federal Govt. or Provincial Govt.

2.4 Bidders shall not be eligible to bid if they are under a declaration of ineligibility for corrupt and fraudulent practices issued by the any government organization in accordance with sub clause 36.1.

3. ELIGIBLE GOODS AND RELATED SERVICES

3.1 The term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training of university staff, and initial maintenance.

3.2 The goods manufactured by the bidder or authorized by manufacturer, or their Authorized Agents / Importers / Bidders. The goods without Original Manufacturer Authorization or their Authorized Agents/Importers/Bidders shall not be entertained.

3.3 Goods registered with the concerned Authority / Ministry / Department (if applicable).

3.4 Goods comply with the Technical Requirements of the Bidding Document.

- 3.5 Goods of current production / model / series, suitable for Pakistani conditions.
- 3.6 Goods conforming to the GMP, ASA or SAE or SSI or DIN or CE Marked or FDA or WHO or European Union Validation / Qualification / Approved standard.
- 3.7 Goods comply with the international rules of safety quality and standard.
- 3.8 Goods comply with the electric specifications of 220V, 50Hz / 60Hz.

2. THE BIDDING PROCEDURE

4. Single stage – one envelope procedure
 - 4.1 Bids shall be accepted under the single stage one envelope procedure.
 - 4.2 The bids shall be opened in the presence of bidders or their authorized representative at the prescribed time, date and venue.
 - 4.3 The Bids shall be evaluated in accordance with the specified evaluation criteria.

3. THE BIDDING DOCUMENTS

5. CONTENTS OF BIDDING DOCUMENTS
 - 5.1 The Bidding Documents:

In addition to the Notice Inviting Tender (NIT), the bidding documents include:

 - i. Instructions to Bidders (ITB);
 - ii. General Conditions of Contract (GCC);
 - iii. Special Conditions of Contract (SCC);
 - iv. Schedule of Requirements;
 - v. Technical Specifications;
 - vi. Contract Form;
 - vii. Manufacturer's Authorization Form;
 - viii. Performance Guarantee Form;
 - ix. Bid Form; and
 - x. Price Schedules.
 - 5.2 In case of discrepancies between the Notice Inviting Tender (NIT) and the Bidding Documents, the Bidding Documents shall take precedence.
 - 5.3 The bidders are expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish complete information required in the bidding documents or to submit a bid not substantially responsive to the bidding documents may result in rejection.

6. AMENDMENT OF BIDDING DOCUMENTS

- 6.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.
- 6.2 All prospective bidders that have received the bidding documents will be notified the amendment(s) in writing, which will be binding on them.
- 6.3 In order to allow prospective bidders reasonable time to take the amendment(s) into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for submission of the bids.

4. PREPARATION OF BIDS

7. LANGUAGE OF BID

- 7.1 Preparation of Bids
The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Purchaser shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case for purposes of interpretation of the Bid, the translated version shall prevail.

8. DOCUMENTS COMPRISING THE BID

- 8.1 The bid prepared by the Bidder shall comprise the following:
 - (a) Bid Form;
 - (b) Price Schedule;
 - (c) Documentary evidence to the effect that the Bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
 - (d) Documentary evidence to the effect that the goods to be supplied by the Bidder are eligible goods and related services as defined in clause-3 and conform to the bidding documents; and
 - (e) Bid Security.

9. BID PRICES

- 9.1 The prices and discounts quoted by the Bidder in the Bid Form and in the Price Schedules shall conform to the requirements specified below.
- 9.2 All items in the Schedule of Supply must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Items not listed in the Price Schedule shall be assumed not to be included in the Bid.

- 9.3 The price to be quoted in the Bid Form shall be the total price of the Bid excluding any discounts offered.
- 9.4 The Bidder shall quote any unconditional discounts and the methodology for their application in the Bid Form.
- 9.5 Prices proposed in the Price Schedule Forms for Goods, shall be disaggregated, when appropriate. This disaggregation shall be solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered:
- (a) Price Schedule For Goods offered from within the Purchaser's country:
 - (i) Detailed Specification of Stores
 - (ii) Model / Cat No.
 - (iii) Name of Manufacturer.
 - (iv) Country of Origin
 - (v) Quantity of Stores
 - (vi) Unit
 - (vii) the unit price of the goods quoted on delivered duty paid (DDP) basis, including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of goods, or on the previously imported goods of foreign origin;
 - (viii) If there is no mention of taxes, the offered/quoted price will be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes during the contract period shall be passed on to the Purchaser; and
 - (ix) the total price for the item.
 - (b) Price Schedule For Goods offered from outside the Purchaser's country:
 - (i) Detailed Specification of Stores
 - (ii) Model / Cat No.
 - (iii) Name of Manufacturer.
 - (iv) Country of Origin
 - (v) Quantity of Stores
 - (vi) Unit
 - (vii) Currency of Bid
 - (viii) the unit price of the goods quoted on C&F / CFR / CNF / CPT basis (Karachi Port), in the Purchaser's country;
 - (ix) the total price for the item in foreign currency.
- 9.6 Final Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A

Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected.

- 9.7 If it is proved during the contract period that Bidder has supplied the contracted item(s) to any other purchasing agency in Pakistan at the prices lower than the contracted prices, the balance amount will be deducted from the bill and / or security deposit of the contractor.

10. BID CURRENCIES

10.1 Prices shall be quoted in Pakistani Rupees for goods offered within the purchaser's country on delivered duty paid (DDP).

10.2 Price shall be quoted in foreign currency for goods offered outside the purchaser's country on C&F / CFR / CNF / CPT Basis.

11. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION

11.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

- (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in the Purchaser's country;
- (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a Bidder not doing business within the Purchaser's country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Bidder's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (d) that the Bidder meets the evaluation & qualification criteria of bidding document.

12. DOCUMENTS ESTABLISHING GOODS' ELIGIBILITY AND CONFORMITY TO BIDDING DOCUMENTS

12.1 Pursuant to ITB Clause 8, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.

12.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.

- 12.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:
- (a) a detailed description of the essential technical and performance characteristics of the goods; and
 - (b) an item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 12.4 For purposes of the commentary to be furnished pursuant to ITB Clause 12.3(b) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

13. BID SECURITY

- 13.1 The Bidder shall furnish, as part of its proposal, a Bid Security in the amount and currency specified in the Bid Data Sheet and SCC. Unsuccessful bidders' Bid Security will be returned soon after approval of the successful Bidder. The successful Bidder's Bid Security will be discharged upon signing of contract and furnishing the Performance Security bond, duly guaranteed by a scheduled bank.
- 13.2 The Bid Security shall remain valid for a period of 28 days beyond the bid validity period.
- 13.2 The Bid Security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the Security's forfeiture;
- 13.3 The Bid Security may be forfeited:
- (a) if a Bidder withdraws its bid during the period of bid validity; or
 - (b) in the case of a successful Bidder, the Bidder fails:
 - (i) to sign the Contract; or
 - (ii) to complete the supplies in accordance with the General Conditions of Contract.

14. BID VALIDITY

- 14.1 Bids shall remain valid for 90 days from the date of its opening. A bid valid for a shorter period shall be treated as non-responsive and rejected.
- 14.2 The Purchaser shall ordinarily be under an obligation to process and evaluate the bids within the stipulated bid validity period. However, for any reasons to

be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period.

15. ALTERNATIVE BIDS

15.1 If any bidder elects to submit alternative proposal(s), complete information on the alternative items including all data relating to technical specifications shall be given as per following table.

Sr. No.	Description of Stores	Statement of Variation from Specifications	Reasons for Variations

5. SUBMISSION OF BIDS

16. SEALING AND MARKING OF BIDS

16.1 The envelopes shall:

- (a) bear the name and address of the Bidder;
- (b) bear the specific identification Name and Number of this bidding process indicated in the Bid Data Sheet; and
- (c) bear the purchaser's name and and a statement: "DO NOT OPEN BEFORE," the time and date specified in the Bid Data Sheet.

16.2 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.

17. DEADLINE FOR SUBMISSION OF BIDS

17.1 Bids must be submitted by the bidders and received by the Purchaser at the specified address not later than the time and date specified in the Bid Data Sheet.

17.2 The Purchaser may, at its convenience, extend this deadline for submission of bids by amending the bidding documents in which case all rights and obligations of the Purchaser and the Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

18. LATE BID

18.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser shall not be entertained and returned unopened to the bidder.

19. WITHDRAWAL OF BIDS

19.1 The Bidder may after its submission withdraw prior to the expiry of the deadline prescribed for submission of bids.

6. OPENING AND EVALUATION OF BIDS

20. OPENING OF BIDS BY THE PURCHASER

20.1 The Purchaser will open the bids in the presence of Bidders or their representatives who choose to be present at the time of bid opening on the date, time and place specified in the Bid Data Sheet. The bidders or their representatives who are present shall sign the Attendance Sheet evidencing their attendance.

20.2 The bidders' names, item(s) for which they quoted their rate(s) and bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Purchaser, may consider appropriate, will be announced on the prescribed date, time and venue,

20.3 Any financial bid found without the prescribed bid security shall be straightaway rejected.

21. CLARIFICATION OF BIDS

21.1 During the process of evaluation of the bids, the Purchaser may ask a Bidder for any clarifications of its bid. The request for such clarifications and the response shall be in writing. However, no change in the quoted price or substance of the bid shall be sought, offered, or permitted.

22. PRELIMINARY EXAMINATION

22.1 The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made; whether the required sureties have been furnished; whether the documents have been properly signed and linked, and whether the bids are generally in order.

22.2 Arithmetical errors in a financial bid will be rectified in the following manner:
(i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected.
(ii) If there is a discrepancy between words and figures, the amount in words will prevail.

- (iii) If the Bidder does not accept the correction of the errors, its bid will be rejected.

22.3 The Procurement Committee may waive any minor infirmity, non-conformity, or discrepancy in a bid if in their view, it does not constitute some material deviation, provided that such waiver does not prejudice or affect the relative ranking of any Bidder.

22.4 If a bid is found substantially non-responsive, it will be rejected by the Purchaser. It cannot subsequently be made responsive by the Bidder by correction of the nonconformity / discrepancy.

23. EVALUATION & COMPARISON OF BIDS

23.1 The Purchaser will evaluate and compare the bids, which have been determined to be substantially responsive.

23.2 The bids will be evaluated on the basis of Prescribed Evaluation Criteria in this bidding document. However, the financial proposal will be evaluated on the basis of price inclusive of prevailing taxes and duties and bid Security, being major factor, without ignoring the other relevant conditions as well.

24. EVALUATION CRITERIA

24.1 Scope

Local Handling and Inland Transportation: The goods will be delivered on delivered duty paid (DDP) basis at Consignee's end. The bidder has to bear the risk and costs, including duties, taxes, insurance and other charges of delivering the goods thereto, cleared for importation.

24.2 Multiple Contracts

The Purchaser will evaluate and compare bids on Itemized basis or on the basis of a group or a combination of groups in order to arrive at the least cost combination for the Purchaser by taking into account discounts offered by Bidders in case of award of multiple contracts.

24.3 Qualification / Evaluation Criteria

- i. In comparing bids the procuring agency will consider, besides the quoted prices, other factors such as:
 - a. Purchase of bidding document as per the prescribed schedule.
 - b. Valid National Tax Number (NTN) and General Sales Tax (GST) Registration Certificates.
 - c. Bid Security equivalent to requisite amount and shape.

- d. Fulfillment of all the terms & conditions of the bid document.
- e. Authorization Letter from Manufacturer of goods.
- f. Delivery schedule offered in the bid.
- g. Conforming technical specifications of the goods as specified in Section G (Technical Specifications).
- h. Past experience of similar nature and complexity.
- i. After sale service facilities available in Karachi.
- ii. **Financial Position:** Soundness of the Bidder's financial position showing long term profitability, demonstrated through:
 - a. Income tax return forms of last 3 financial years; OR
 - b. Bank Certificate showing yearly turn-over for the last 3 financial years.
- iii. **Litigation History:** The Bidder should not be involved in any litigation with the Procuring Agency or any Government (Federal or Provincial or Local or public sector organization) in the Purchaser's Country. The Bidder will be debarred from the bidding process for submitting a false statement.
- iv. An affidavit on legal stamp paper of Rs. 100/- to the effect that the Bidder has not been blacklisted in the past on any ground by any Government (Federal or Provincial or Local or public sector organization) in the Purchaser's Contry. The Bidder will be debarred from the bidding process for submitting a false statement
- v. The Bidder must indicate the model, catalogue number, registration number (if any), country of origin and name of the Manufacturer of each offered goods in the relevant price schedule.

24.4 Quality Assurance

- i) In the case of manufacturer of the goods, the bidder should provide the relevant documentary evidence.
- ii. In the case of a bidder who does not manufacture the goods, the bidder should provide evidence of being duly authorized by the manufacturer, meeting the criteria under this document to supply the goods.
- iv. The goods of sub-standard or low quality will not be considered and rejected as non-responsive.

24.5 Economic Criteria

- i. Deviations from the Terms of Payment shall not be permitted.
- ii.. Deviations from the Delivery and Completion Schedule shall not be permitted.

24.6 Margin of Preference

In supply, delivery and installation contracts in which there are a number of items of Goods, a margin of preference shall be granted to eligible domestically produced Goods in accordance with the prevailing Rules.

- i. The preference margin shall not be applied to the whole package but only to the eligible domestically produced Goods.
- ii. No margin of preference shall be applied to any associated services or works included in the package; and
- iii. Bidders shall not be permitted or required to modify the mix of local and foreign Goods after bid opening.

25. CONTACTING THE PURCHASER

25.1 No bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If any bidder wishes to bring additional information to the notice of the Purchaser, it may do so in writing.

25.2 Any direct or indirect effort by a bidding firm to influence the Purchaser during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the Purchaser's future bids.

26. REJECTION OF BIDS

26.1 Notwithstanding anything stated here-before after the Purchaser may reject any or all bids at any time prior to the acceptance of a bid. The Purchaser may upon request, communicate to a bidder, the grounds for its rejection, but shall not be under obligation to justify those grounds.

27. RE-BIDDING

27.1 If the Purchaser has rejected all bids, it may move for a re-bidding or may seek any alternative method of procurement under the provisions of the prevailing Rules.

28. ANNOUNCEMENT OF EVALUATION REPORT

28.1 The Purchaser will announce the Evaluation Report and the resultant acceptance or rejection of bids at least three working days prior to the award of procurement contract.

7. AWARD OF CONTRACT

29. ACCEPTANCE OF BID AND AWARD CRITERIA

29.1 The bidder with lowest evaluated bid under clause 23, 24 & 25, if not in conflict with any other law, rules, regulations or policy of the Government, will be awarded the contract within the original or extended period of bid validity.

30. PURCHASER'S RIGHT TO VARY QUANTITIES

30.1 The Purchaser reserves the right to increase or decrease the quantity of stores originally specified in the Price Schedule and Schedule of Requirements without any change in unit price or other terms and conditions.

31. LIMITATIONS ON NEGOTIATIONS

31.1 The purchaser reserves the right to hold negotiation of rates, delivery schedule or completion schedule for all the items or any item.

31.2 Negotiations will not be used to change substantially:

- i. the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
- ii. the terms and conditions of the Contract and;
- iii. anything affecting the crucial or deciding factors in the evaluation of the proposals / bid and / or selection of successful bidder..

32. NOTIFICATION OF AWARD

32.1 Prior to the expiry of the original or extended period of bid validity, the successful bidder will be informed in writing of acceptance of its bid by the Purchaser.

33. SIGNING OF CONTRACT

33.1 While conveying acceptance of bid to the successful bidder, the Purchaser will send the bidder Contract Form provided in the bidding documents, incorporating all points of agreement between the Parties.

33.2 After the official announcement of the award, both the successful Bidder and the Purchaser will sign and date the Contract on legal stamp paper valuing 0.35% of the value of contract, the cost of which will be borne by the bidder, as per article 22-A (Contract) of the schedule of stamp act 1899. In case the successful Bidder, after completion of all codal formalities, shows inability to sign the Contract, its Bid Security shall be forfeited. The firm may also be blacklisted from taking part in any future bidding of purchaser for a period upto five Years or more. In such a situation, the Purchaser may make the award to the next lowest evaluated responsive bidder or move for re-bid.

34. PERFORMANCE SECURITY

- 34.1 One day before the date of signing of the Contract, the successful Bidder shall furnish Performance Security in line with the Performance Security Form provided with the bidding documents. Upon submission of Performance Security the Bid Security will be returned to the Bidder. The amount of Performance Security is specified at Clause 3 in the Special Condition of Contract.
- 34.2 Failure of the successful Bidder to comply with any of the requirements specified in this document shall be considered as sufficient grounds for the annulment of the award and forfeiture of the Bid Security, in which event the Purchaser may make the award to the next lowest evaluated Bidder at the risk and cost of the former.

35. CORRUPT OR FRAUDULENT PRACTICES

- 35.1 (a) the Purchaser and the Bidders / Manufacturers / Contractors are expected to observe the highest standard of ethics during the procurement and execution of the Contract. In pursuance of this policy, the relevant terms / phrases as may apply are defined below:
- (i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in Contract execution; and
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non competitive levels and to deprive the Purchaser of the benefits of free and open competition;
- (b) the Purchaser will take all possible administrative / legal measures if it is found that the Bidder recommended for award was / is engaged in corrupt or fraudulent practice(s) before or after signing of the contract resulting into the conviction of the proprietor under criminal case besides blacklisting of the firm either indefinitely or for such period of time as may be determined by the Purchaser.
- (c) will declare a firm ineligible, either indefinitely or for a stated period of time, for the award of a Contract if it, at any time, determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a Contract.

B: General Conditions of Contract (GCC)

1. DEFINITIONS

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) "The Contract" means the agreement entered into between the Purchaser and the Bidder, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its Contractual obligations.
- (c) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (d) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance, printing of special instructions on the label and packing, design and logo of the Purchaser, transportation of goods up to the desired destinations and other such obligations of the Bidder covered under the Contract.
- (e) "GCC" means the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Purchaser" means the Dow University of Health Sciences, Karachi.
- (h) "The Bidder" means the individual or firm supplying the goods under this Contract.
- (i) "Day" means official working day excluding national holidays.

2. APPLICATION

2.1 These General Conditions shall apply to the extent that they are not inconsistent with provisions of other parts of the Contract.

3. STANDARDS

3.1 The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications and goods eligibility criteria.

4. USE OF CONTRACT DOCUMENTS AND INFORMATION

4.1 The Bidder shall not without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern; sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to such employed person shall be made in confidence and shall extend only, as far as may be necessary, to such performance and not further or otherwise.

4.2 Any document, other than the Contract itself, shall remain the property of the Purchaser and shall be returned (all copies) on completion of the Bidder's performance under the Contract.

4.3 The Bidder shall permit the Purchaser to inspect the Bidder's accounts and records relating to the performance of the Supplies.

5. PATENT RIGHTS

5.1 The Bidder shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.

6. ENSURING STORAGE ARRANGEMENTS

6.1 To ensure storage arrangements for the intended supplies, the Bidder shall inform the Purchaser at least two weeks prior to the arrival of the consignments at its store/warehouse. However, in case no space is available at its store/warehouse at the time of supply, the Purchaser shall, seven days prior to such a situation, inform the Bidder, in writing, of the possible time-frame of availability of space by which the supplies could be made. In case the Bidder abides by the given time frame, he will not be penalized for delay.

7. INSPECTIONS, TESTS AND TRAINING

7.1 The Purchaser or its representative shall have the right to inspect and/or test the goods to confirm their conformity to the Contract specifications at the cost payable by the Bidder.

7.2 The Purchaser's right to inspect, test and, where necessary, reject the goods either at Bidder's premises or upon arrival at Purchaser's destinations shall in no way be limited or waived by reasons of the goods having previously been inspected, tested, and approved by the Purchaser or its representative prior to the goods shipment from the manufacturing point.

- 7.3 Any specialized training required for the smooth operation of the goods shall be the responsibility of the Bidder.
8. DELIVERY AND DOCUMENTS
- 8.1 The Bidder shall in accordance with the terms specified in the Schedule of Requirements make delivery of the goods. Details of documents to be furnished by the Bidder are specified in SCC.
9. INSURANCE
- 9.1 The goods supplied under the Contract shall be delivered to the Purchaser after the payment of all taxes and customs duty, cess, octroi charges etc. Risk will be transferred to the Purchaser only after the delivery of these goods has been made to the Purchaser. Hence, payment of insurance premium, if any, shall be the responsibility of the Bidder.
10. TRANSPORTATION
- 10.1 The Bidder shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.
- 10.2 The goods shall be supplied on "**D.D.P**" basis at the Dow University of Health Sciences, Karachi AND / OR "C&F / CFR / CNF / CPT" Basis at Karachi Port as per Schedule of Requirements on the risk and cost of the Bidder. Transportation including loading/unloading of goods shall be the responsibility of Bidder.
11. INCIDENTAL SERVICES
- 11.1 The Bidder will be required to provide to the Purchaser incidental services the cost of which should be included in the total bid price.
12. WARRANTY / GUARANTEE
- 12.1 The term period of warranty / guarantee mean the period of twelve (**12**) **months** from the date on which the Stores have been put into operation and demonstrated to the University staff. In any case this period shall not exceed eighteen (18) months from the date of taking-over certificate.
- 12.2 During the period of warranty / guarantee, the Contractor shall remedy, at his / her expense, all defects in design, materials, and workmanship that may develop or are revealed under normal use of the goods upon receiving written notice from the University; the notice shall indicate in what respect the goods are faulty.
- 12.3 The provisions of this Clause include all the expenses that the Contractor may have to incur for delivery and installation of such replacement parts, material

and equipment as are needed for satisfactory operation of the goods at the University premises.

- 12.4 The contactor shall provide warranty / guarantee for supply of kits and chemicals, consumables, films etc. for at least 05 years (where applicable).
- 12.5 The contractor shall remain responsible for providing after sale services even after expiry of warranty / guarantee period and sign a Service Contract including Parts with Purchaser for 05 years (minimum).
- 12.6 In case of consumable items, kits, chemicals, films etc. the contractor shall remain responsible for specificity, efficacy & sensitivity with maximum period of expiry as much allowed by manufacturer.
- 12.7 The Purchaser shall promptly notify the Bidder in writing of any claims arising out of this warranty.

13. PAYMENT

- 13.1 The method and conditions of payment to be made to the Bidder under this Contract are specified in SCC.

14. ASSIGNMENT

- 14.1 The Bidder shall not assign, in whole or in part, its obligations to perform to another party under this Contract, except with the Purchaser's prior written consent.

15. DELAYS IN THE BIDDER'S PERFORMANCE

- 15.1 Delivery of the goods shall be made by the Bidder in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements / Contract Award.
- 15.2 If at any time in the course of performance of the Contract, the Bidder encounters anything impeding timely delivery of the goods, he shall promptly notify the Purchaser in writing of the causes of delay and its likely duration. As soon as practicable, after receipt of the Bidder's notice, the Purchaser shall evaluate the situation and may, depending on merits of the situation, extend the Bidder's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by a supplementary Contract to be treated as an addendum to the original contract.
- 15.3 Any undue delay by the Bidder in the performance of its delivery obligations shall render it liable to the imposition of liquidated damages.

16. PENALTIES LIQUIDATED DAMAGES

16.1 In case of late delivery, even for reasons beyond control, penalty as specified in SCC will be imposed upon the Bidder / Manufacturer. The Purchaser may consider termination of the Contract in case there is an unusual delay in the delivery of the goods whereby the ongoing activity is likely to be affected seriously.

17. TERMINATION FOR DEFAULT

17.1 The Purchaser may, without prejudice to any other remedy for breach of Contract, by a written notice of default sent to the Bidder, terminate this Contract in whole or in part if:

- (a) the Bidder fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser;
- (b) the Bidder fails to perform any other obligation(s) under the Contract to the satisfaction of the Purchaser; and
- (c) the Bidder, in the judgment of the Purchaser, has engaged itself in corrupt or fraudulent practices before or after executing the Contract.

18. FORCE MAJEURE

18.1 The Bidder shall not be liable for forfeiture of its Performance Guaranty/ Bid Security, or termination / blacklisting for default if and to the extent that this delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this Clause Force Majeure means an act of God or an event beyond the control of the Bidder and not involving the Bidder's fault or negligence directly or indirectly purporting to mal-planning, mismanagement and /or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Bidder shall promptly notify the Purchaser in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee, constituted for redressing grievances, will examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the Purchaser in writing, the Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable' alternative means for performance not prevented by the Force Majeure event.

19. TERMINATION FOR INSOLVENCY

19.1 The Purchaser may at any time terminate the Contract by giving written notice of one month time to the Bidder if the Bidder becomes bankrupt or otherwise insolvent. In that event, termination will be without compensation to the

Bidder, provided that such termination will not prejudice or affect any right or remedy which has accrued or will accrue thereafter to the Parties.

20. ARBITRATION AND RESOLUTION OF DISPUTES

- 20.1 The Purchaser and the Bidder shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the Contract.
- 20.2 If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Bidder have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration.
- 20.3 In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator to be appointed with the approval of the University's Syndicate. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties.

21. PACKING

- 21.1 The Bidder shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 21.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Purchaser.

22. GOVERNING LANGUAGE

- 22.1 The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

23. APPLICABLE LAW

- 23.1 This Contract shall be governed by the laws of Pakistan and the courts of Karachi - Pakistan shall have exclusive jurisdiction.

C: NOTICE INVITING TENDER (NIT)

No. DUHS/DP/2019/-69/71 Dated 29 March 2019

Dow University of Health Sciences (DUHS), Karachi invites following bids on DDP / C&F basis from authorized Dealers / Distributors / Manufacturers, having registration with Federal Board of Revenue (FBR) for Income Tax and Sales Tax.

Name of Bid	Reference No.
Procurement of Equipment / Instruments / Ancillaries for Strengthening of Institute of Physical Medicine and Rehabilitation of Disable at DUHS, Karachi	DUHS/DP/2019/69
Procurement of Equipment / Instruments for Serology Facility	DUHS/DP/2019/70
Procurement of Office Equipment and Ancillaries	DUHS/DP/2019/71

Tender Fee	Rs. 2,000/- (Rupees two thousand only) Non-Refundable in shape of Pay Order / Demand Draft in favor of Dow University of Health Sciences, Karachi
Bid Security	2% of the total bid value.
Purchasing Date & Time	01 April 2019 to 15 April 2019
Bids Delivery Date & Time	16 April 2019 up to 11:00 a.m.
Bid Opening Date & Time	16 April 2019 at 11:30 a.m. In case of any unforeseen situation or government holiday resulting in closure of office on the date of opening, bids shall be submitted / opened on next working day at the given time.

Bidding document may be purchased by interested bidders on the submission of a written application, NTN, GST Certificates and Pay Order / Demand Draft of tender fee during office hours. Bidding Documents are also available at DUHS and SPPRA websites. Interested Bidders may obtain further information personally from 11:00 A.M. to 02:00 P.M.

Conditional Bids, Telegraphic Bids, Bids not accompanied by Bid Security of required amount and form, bids received after specific date and time and bids of Black Listed firms will be rejected.

The Dow University of Health Sciences, Karachi (DUHS) reserves the right to reject any or all the bids subject to the relevant provisions of SPP Rules 2010 (Amended upto date).

Director Procurement
Dow University of Health Sciences (Ojha Campus)
Procurement Directorate at Library Block,
SUPARCO Road, off Main University Road,
Gulzar-e-Hijri, Scheme No. 33, Karachi.
Phone No. + 92-21-99261497
Email: director.procurement@duhs.edu.pk

D: Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

INTRODUCTION

ITB 1.1 Name of Purchaser: Dow University of Health Sciences, Karachi.

Name of Contract: **Procurement of Equipment / Instruments / Ancillaries for Strengthening of Institute of Physical Medicine and Rehabilitation of Disable at DUHS, Karachi**

THE BIDDING PROCEDURE

ITB 4.1 Bids shall be accepted under the single stage – one envelope procedure.

PREPARATION OF BIDS

ITB 7.1 Language of the bid shall be English

ITB 9.6 **For the Goods offered within the Purchaser's Country:** the price quoted shall be on **delivered duty paid (DDP) Basis** at Consignee's End.

For the Goods offered from Outside the Purchaser's Country: the price quoted shall be on **C&F / CFR / CNF / CPT Karachi Basis**.

ITB 10.1 **For the Goods offered within the Procuring Agency's Country:** the price quoted shall be in **Pak Rupees**.

ITB 10.2 **For the Goods offered from Outside the Procuring Agency's Country:** the price quoted shall be in **Foreign Currency**.

For the Goods offered from Outside the Purchaser's Country: the price quoted shall be in **Foreign Currency**.

ITB 13.1 The Bid Security shall not be less than **2%** of the total Bid price in Pak Rupees.

ITB 14.1 Bid validity period shall be **90 days**.

ITB 15.1 If any bidder elects to submit alternative proposal(s), complete information on the alternative items including all data relating to technical specifications shall be provided.

SUBMISSION OF BIDS

- ITB 16.1 (b)** The identification of this bidding process is: **Procurement of Equipment / Instruments / Ancillaries for Strengthening of Institute of Physical Medicine and Rehabilitation of Disable at DUHS, Karachi**
Reference No. DUHS/DP/2019/69
NIT No. DUHS/DP/2019/-69/71 Dated 29 March 2019
- ITB 16.1 (c)** Dow University of Health Sciences (Ojha Campus), Procurement Directorate at Library Block, SUPARCO Road, off Main University Road, Gulzar-e-Hijri, Scheme No. 33, Karachi.
“Must bear the name of the bidder” and a warning “Do Not Opened Before the time and date of bid opening”.
- ITB 17.1** Deadline for bid submission: **16 April 2019 at 11:00 a.m.**

OPENING & EVALUATION OF BIDS

- ITB 20.1** The bid opening shall take place at:
Dow University of Health Sciences (Ojha Campus), Procurement Directorate at Library Block, SUPARCO Road, off Main University Road, Gulzar-e-Hijri, Scheme No. 33, Karachi.
Date: 16 April 2019
Time: 11:30 a.m.
- ITB 24.5** A margin of preference shall be applicable.

CONTRACT AWARD

- ITB 31.1** Qty. could be increased or decreased during the contract period (including extended period) according to the actual requirement.
- ITB 34.1** The successful Bidder shall furnish the Performance Security equivalent to 5% of the total Contract amount from any scheduled banks in shape of Pay Order / Demand Draft / Call Deposit / Bank Guarantee. The Performance Guarantee/Security Form is provided in the bidding documents. Upon submission of Performance Security / Guarantee the Bid Security would be returned to the Bidder.

E: Special Conditions of Contract (SCC)

1. DEFINITIONS (GCC CLAUSE 1)

GCC 1.1 (g) The Purchaser is the Dow University of Health Sciences, Karachi.

GCC 1.1 (h) The Bidder is: _____
(name and address of the successful bidder)

2. BID SECURITY (ITB CLAUSE 13)

ITB 13.1 The Bidder shall furnish, as part of its financial proposal/bid, refundable Bid Security in Pak Rupees @ 2% of the total bid value in the shape of Bank Draft / Pay Order / Call Deposit / Bank Guarantee in the name of the Dow University of Health Sciences, Karachi. The financial bid found deficient of the Bid Security will be rejected. No personal cheque in lieu thereof will be acceptable at any cost. The previous Bid Security, if any, will not be considered or carried forward. However, the Bid Security of the successful Bidder will be returned upon submission of Performance Security equal to 5% of the Contract amount that will remain with the Dow University of Health Sciences, Karachi till satisfactory completion of the Contract period. After delivery and acceptance of the Goods, the performance security shall be reduced to two (2) percent of the Contract Price to cover the Supplier's warranty obligations

3. PERFORMANCE GUARANTEE/SECURITY (ITB CLAUSE 33)

ITB Clause 34.1 After signing of Contract, the successful Bidder shall furnish the Performance Security equivalent to 5% of the total Contract amount from any of the scheduled banks. The Performance Guarantee/Security Form is provided in the bidding documents. Upon submission of Performance Security / Guarantee the Bid Security would be returned to the Bidder.

4. INSPECTIONS, TESTS AND TRAINING (GCC CLAUSE 7)

GCC 7.1, 7.2 & 7.3 The goods received in the Dow University of Health Services, Karachi from the Bidder will be thoroughly inspected and examine by a Committee to make sure that the goods received conform to the specifications laid down in the bid documents and which have been approved by the Procurement Committee for procurement. The Committee will submit its inspection report, any deficiency pointed out by the Committee shall have to be rectified by the Bidder free of cost. The Bidder will be responsible to provide the Foreign and or Local Training to the University Staff for the specialized Equipment.

5. DELIVERY AND DOCUMENTS (GCC CLAUSE 8)

GCC Clause 8.1 *(a) For Goods from within the Purchaser's country:*

The Bidder shall provide the following documents at the time of delivery of goods to the Store / Warehouse of the Dow University of Health Sciences, Karachi for verification duly completed in all respects:

- i. Original copies of Delivery Note (Delivery Challan) (in duplicate) showing item's description, make, model, quantity as well as Lot Number, Batch Number, Registration Number, manufacturing and expiry dates (if applicable).
- ii. Original copies of the Bidder's invoices (in duplicate) showing warranty, item's description, make, model as well as Lot Number, Batch Number, Registration Number, manufacturing and expiry dates (if applicable) per unit cost, and total amount.
- iii. Original copies of the Sales Tax Invoices (where applicable) in duplicate showing item's description, quantity, per unit cost (without GST), amount of GST and total amount (with GST).
- iv. Manufacturer's or Bidder's warranty certificate.
- v. Inspection certificate issued by the nominated inspection committee along with Bidder's factory inspection report.
- vi. Certificate of origin.

(b) For Goods supplied from abroad as per INCOTERM C&F / CFR / CNF / CPT Karachi:

Details of shipping and documents to be furnished by the Bidder shall be:

Upon shipment, the Bidder shall notify the Purchaser and the Insurance Company by telex or fax or email the full details of the shipment, including Contract number, description of Goods, quantity, the vessel / flight, the Bill of Lading / Air Way Bill number and date, port of loading, date of shipment, port of discharge, etc. The Bidder shall send the following documents to the Purchaser, with a copy to the Insurance Company:

- i. 04 copies of the Bidder's invoice showing the description of the Goods, quantity, unit price, and total amount.
- ii. Original and 04 copies of the negotiable, clean, on-board bill of lading / air way bill marked "freight prepaid" and 04 copies of non-negotiable bill of lading / air way bill.
- iii. 04 copies of the packing list identifying contents of each package.
- iv. Insurance certificate.

- v. Manufacturer's or Bidder's warranty certificate.
- v. Inspection certificate, issued by the nominated inspection agency along with Bidder's factory inspection report.
- vi. Certificate of origin.

The Purchaser shall receive the above documents at least one week before arrival of the Goods at the port or place of arrival and, if not received, the Bidder will be responsible for any consequent expenses.

6. INSURANCE (GCC CLAUSE 9)

GCC 9.1 The goods supplied under the Contract shall be on DDP / C&F / CFR / CNF / CPT basis at consignee's end under which risk will be transferred to the Purchaser only after it has taken delivery of the goods. Hence insurance coverage is Bidder's responsibility.

7. WARRANTY / GUARANTEE (GCC CLAUSE 12)

GCC 12.1 The goods shall be accompanied by manufacturer standard warranty / guarantee or 1 year, whichever is more.

GCC 12.2 The Purchaser shall promptly notify the Bidder in writing of any claims arising out of this warranty.

8. PAYMENT (GCC CLAUSE 13)

GCC 13.1 The method and conditions of payment to be made to the Bidder under this Contract shall be as follows:

i. For Goods supplied from within the Purchaser's country:

- (a) Payment shall be made in Pak Rupees.
- (b) The payment will be made to the Bidder within 30 days of the receipt of original delivery challan(s) and invoice(s) in duplicate duly completed in all respect and signed and stamped by the Chairman of the Inspection Committee. The Inspection Committee will prepare and submit a report of physical inspection with a certificate to the effect that the goods conform to the specifications laid down in the bidding documents.

ii. For Goods supplied from outside the Purchaser's country:

- (a) The Purchaser shall pay the Bidder or its Principal through irrevocable letter of credit opened in favor of the Bidder or Its Principal in a bank in its country, upon submission of all the requisite documents.
- (b) Bidder will bear all the additional bank charges inside and outside the purchaser country on account of Confirmation of L/C, if he desire to establish a Confirmed L/C etc.

9. PENALTIES/ LIQUIDATED DAMAGES (GCC CLAUSE 16)

GCC 16.1 In case deliveries are not completed within the time frame specified in the schedule of requirements / contract, a Show Cause Notice will be served on the Bidder which will be following by cancellation of the Contract to the extent of non-delivered portion of installments. No supplies will be accepted and the amount of Performance Guarantee / Security to the extent of non-delivered portion of supplies of relevant installments will be forfeited. If the firm fails to supply the whole installments, the entire amount of Performance Guarantee/Security will be forfeited to the Government Account and the firm will be blacklisted at least for two years for future participation in bids:

The liquidated damage shall be 0.5 % per week or part thereof. The maximum amount of liquidated damages shall be 10% of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the purchaser shall rescind the contract, without prejudice to other courses of action and remedies open to it.

10. "ARBITRATION" AND RESOLUTION OF DISPUTES (GCC CLAUSE 20)

GCC 20.3 Dispute resolution mechanism to be applied shall be as follows:

In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator to be appointed with the approval of the University's Syndicate. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties

11. PACKING (GCC CLAUSE 21)

GCC 21.1 The packing, marking and documentation within and outside the packages shall be as per manufacturer standards meeting the safety requirements of the goods.

12. GOVERNING LANGUAGE (GCC CLAUSE 22)

GCC 22.1 The language of this Contract shall be English.

12. APPLICABLE LAWS (GCC CLAUSE 23)

GCC 23.1 The Contract shall be governed by the Laws of Pakistan and the Courts of Karachi - Pakistan shall have exclusive jurisdiction.

13. NOTICES

Purchaser's address for notice purposes:

Director Procurement
Procurement Directorate at Library Block
Dow University of Health Sciences (Ojha Campus)
SUPARCO Road, off Main University Road,
Gulzar-e-Hijri, Scheme No. 33, Karachi.
Phone No. + 92-21-99261497
Email: director.procurement@duhs.edu.pk

Bidder's address for notice purposes:

Name of Bidder: _____

Name of Contact Person & Designation: _____

Phone No. _____

Fax No. _____

Mobile Phone No. _____

Email Address _____

F: Schedule of Requirements

1. SCHEDULE OF REQUIREMENTS

1.1 For Goods supplied from within the Procuring Agency's country (DDP Basis)

- i) The entire quantity of the ordered goods shall be delivered within **30 days** or earlier from the date of issuance of supply order / contract award.
- ii) The delivery period shall start from the date of contract signature.

1.2 For Goods supplied from outside the Procuring Agency's country (C&F / CFR / CNF / CPT Basis):

- i. The shipment of the items of Stores which are to be imported shall be started as early as possible (**preferable within 30 days**); the shipment schedule shall be submitted along with the offer, and shall be negotiable and subject to approval by the University.
- ii. The bidder must indicate in his offer the port **from where** the Stores will be **shipped**.
- iii. The delivery period shall start from the date of opening of letter of credit. The bidder shall provide the Proforma Invoice and Marine Cover Note within 7 calendar days from the signing of contract agreement.

G: Technical Specifications

GROUP – 1 SPINAL CORD UNIT

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
1.	<p>Turning & Tilting Beds for Spinal Injury 1- Section Electric H/L and Electric Tilting Size Table Top : 200 x 60 cm or better Height Adjustment : 55 x 110 cm or better Lifting Capacity : 175 Kg or better Tilting angle : 0 to 90° or better Electric Height adjustment Standard Accessories: Arm rests (set of two) Work table Fixing bar for arm rests & work table Strap for the knees, with back-to-back fastening</p>	10 Nos.
2.	<p>Robotic Gait Trainer End effector freely programmable footplate Gait robot Suitable for patients with height from 100cm-200cm Training speed 0-2,3km/h Different walking patterns such as plain, steps, ramps, obstacles Portable emergency stop device for therapist Patient Feedback display 4 load sensors per footplate 2 load sensors for body weight support system (vertical and transversal) Patient safety sensors Patient emergency stop on handrails Easy load/unload procedure Facility to support the forefoot of the patients by means of design principle Foot lifting to facilitate movement of ankle joint and prevent toe dragging Hand rails with independent height and width adjustability Magnetic ramp emergency switches Body weight support Electrically operated patient lifting system 3D control of center of mass (COM) maximum patient weight 150kg Body weight support range 0-150kg adjustable without training interruption Constant weight support and control of center of mass Therapist feedback on body weight support: vertical and lateral feedback</p>	1 No.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	Therapist feedback on footplate sensor readout	
3.	Vacuum Suction Machine Motor: Oil-less and maintenance-free piston pump Classification: HIGH VACUUM / HIGH FLOW Max free air flow rate: 60 l/min with 2 jars 4000 ml/eah Max Vacuum (adjustable): -0.90 Bar -90 kPa -675 mmHg Noise level: 51,7 dB	5 Nos.
4.	Pneumatic Mattress Unpick and Wash: Removable and Washable Feature: Massage, Memory, waterproof, Anti-Decubitus Technics: Nonwoven Shape: Rectangle Age Group: Adults Type: Seat Cushion/Back Cushion Material: Medical grade PVC 3PLY Use: Medical Anti Bedsore Air Cushion Filling: Inflatable Alternating Pressure Air Mattress Size: Medium Application: Body Applicable: Hospital Sickbed Product Name: Inflatable Alternating Pressure Air Mattress Nursing: Prevent bedsores and decubitus Function 1:Prevention of pressure ulcers Function 2:Antidecubital Use for: Bedridden for paralyzed patients Quality Certificate: CE, Rohs, FSC (manufacturer) Power Save Pump:110V or 220V 10W	5 Nos.
5.	Vac Pack For pressure ulcers	15 Nos.
6.	Defibrillator <ul style="list-style-type: none"> • 7" color graphic TFT LCD display • 360 J energy, Biphasic Waveform Technology • Built-in standard 12-lead ECG • Synchronous or asynchronous mode • Semi-automatic (AED) or manual control • Operation from paddles • Short charging time, typically 2.7 secs to 200 J , 4.5 secs to 360 J • Alarm functions • 3-channel high-resolution recorder • Optional transcutaneous pacemaker • Optional SpO2, NIBP • Optional electrodes for internal defibrillation • Battery Capacity More than 5 hours continuous monitoring or 200 shocks at 200J Indicator 5-stage indicator on screen and LED 	1 No.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	<p>indicator when turned off, Must be Charge time Less than 2 hours for full charge.</p> <ul style="list-style-type: none"> • Report Browser Software On PC, from exported USB data. 	
7.	<p>Electric Hoist</p> <ul style="list-style-type: none"> • Compact structure, light weight, safe and reliable; • Occupying the smallest space; Provide maximum lifting height; • Wide used and interchangeable of components; • Lifting capacity strong, maintenance easy; • Operation easy, lifting stable; • Safe lifting weight: 1-12.5 ton 	1 No.

GROUP - 2

STROKE UNIT

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
8.	<p>Stroke Bed Imported (Bobath Beds)</p> <ul style="list-style-type: none"> • Length x width: ± 202 x 120cm • Height adjustment: ± 45 – 95 cm • Weight: ± 109 kg • Max. lifting capacity: 200 kg • Electric motor: 6.000 N • Cushion padding 40 mm 	3 Nos.
9.	<p>Parallel bar</p> <ul style="list-style-type: none"> • Length 3.60 meters, with hand rails made of P.V.C. sheated iron tubing. Height & width adjusting arms made of chrome plated steel tubing of 38mm dia. • Outer uprights of thick steel tubing (50 mm dia). Mounted on strong hard-wood reinforced platform with inclination on both ends & covered with non slip matting. • Height is adjustable from 72cm to 111cm and Width from 45cm to 67cm. Adjustment can easily be done by means of setting pins at the required holes and can further be stabilized by tightening the screws. • Comes with detachable polished hard-wood abduction board, which fits in the holes in the middle of the platform. Steel uprights have powder coated finish. 	2 Nos.
10.	<p>Exercise Cycle with Sensor</p> <ul style="list-style-type: none"> • Informative computer provides the following work out data: Speed, RPM, Distance, Time, Energy Consumption, Pulse Rate, and Performance in Watts • Computer programming includes 2 Heart Rate Control programs that automatically adjust resistance levels in order to achieve and maintain one's target heart rate training zone • Heart rate can be measured by Infrared earlobe clip sensor • The resistance can be generally adjust ranging from 25 watts to 400 watts providing enough range to challenge beginners through world class athletes • The 17.6 lb. flywheel is designed to provide smooth performance 	2 Nos.
11.	<p>Nine Peg whole test for a upper limb stroke rehab measurement (FOR OUT COME MEASURE)</p> <ul style="list-style-type: none"> • Board (wood or plastic): with 9 holes - 10mm diameter, 15mm depth, placed apart by 32mm (Mathiowetz et al, 1985; Sommerfeld et al., 2004) or 50 mm (Heller, Wade, Wood, Sunderland, Hewer, & Ward. 1987). • A container for the pegs: square box (100 x 100 x 10 mm) apart from the board or a shallow round dish at the end of the board 	3 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	<p>(Grice et al, 2003).</p> <ul style="list-style-type: none"> • 9 pegs (7 mm diameter, 32 mm length) (Mathlowetz et al, 1985). • A stopwatch. 	
12	<p>Motorize Treatment Couches Length x width: ± 202 x 67cm Height adjustment: ± 45 – 95 cm Weight: ± 104 kg Max. lifting capacity: 200 kg Electric motor: 6.000 N Face Support for optimum patient comfort while lying in prone position Arm supports in the head section. Electrical height adjustment, operated by peripheral foot switch from all 4 sides of the table. Cushions with double-padding, with a high density lower layer.</p>	5 Nos.
13.	<p>Defibrillator</p> <ul style="list-style-type: none"> • 7” color graphic TFT LCD display • 360 J energy, Biphasic Waveform Technology • Built-in standard 12-lead ECG • Synchronous or asynchronous mode • Semi-automatic (AED) or manual control • Operation from paddles • Short charging time, typically 2.7 secs to 200 J , 4.5 secs to 360 J • Alarm functions • 3-channel high-resolution recorder • Optional transcutaneous pacemaker • Optional SpO2, NIBP • Optional electrodes for internal defibrillation • Battery Capacity More than 5 hours continuous monitoring or 200 shocks at 200J Indicator 5-stage indicator on screen and LED indicator when turned off, Must be Charge time Less than 2 hours for full charge. • Report Browser Software on PC, from exported USB data. 	1 No.
14.	<p>Compression Devices Safety Standards Built to UL60601-1,CSA-C22.2 No. 601.1-M90, CSA C22.2 No.60601-1:2008, JIS T0601-2-204, EN60601-1, ANSI/AAMI ES6601-1:2005 and IEC 60601-1-2:2007 Standards UL Classified File # E189131 and E351453 Device Classification Class I- Equipment Internally Powered, Portable Type BF applied parts Not AP or APG Equipment’s Mode of Operation Continuous Ingress Protection IP23 (IEC 529)</p>	5 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	<p>Compression Type</p> <p>Leg Sleeves: Sequential , Gradient , Circumferential; Foot Cuffs: Uniform Compression Cycle Leg Sleeves: 11 Seconds Compression; Foot Cuffs: 5 Seconds Compression Decompression time based Upon Vascular Refill Detection measurement Set Pressure</p> <p>Leg Sleeves: 45 mmHg Foot Cuffs: 130 mmHg Adjustable Bed Hook Yes Power Cord Storage Yes Audible/ Visual Error Low Pressure, High Pressure , Internal Electronics Malfunction Power Cord 13 Feet Long with region Specific appropriate cordage and Plug Controller Dimensions Height: 6.8 inches (17.3cm) Width: 7.7 inches (19.6cm)</p>	
15.	<p>Monitor</p> <p>The unit shall be a portable bedside monitor with colour display providing E.C.G. Respiration Non Invasive Blood Pressure, Pulse Oximetry, Temperature</p> <ul style="list-style-type: none"> • Color screen 12 inch TFT <p>The unit shall be supplied with the following accessories:</p> <ul style="list-style-type: none"> • ECG Trunk Cable • ECG 3 lead clip end • NIBP cuff • NIBP tubing set • SpO2 Finger Clip Sensor • Adult to Neonatal Accessories • Printer 	5 Nos.
16.	<p>NCV/ EMG Machine</p> <p>4 Channel amplifier, 1 Channel electrical Stimulator, MNC/SNC software modules, F-wave, H-Reflex software modules, Decrement test, Blink Reflex, Interference Pattern Analysis, Automatic Motor Unit Potential Analysis, Free Run EMG, SSEP software , Standard report software SSEP software package</p>	1 No.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	<p>Note: included in all NCV/EMG Packages as standard</p> <p>EMG/NCS kit EMG/NCS electrodes starter kit including 25 pcs. disposable concentric needle electrode, EMG surface electrode, Digital ring electrode, Velcro ground strap elec. adult, Bipolar felt pad electrode, Needle electrode cable with 100cm cable and 5-pole DIN connector</p> <p>EP kit EP electrodes starter kit incl. 6 tubes EEG adhesive paste Ten20, 6 tubes Nuprep skin preparation, 10 EEG silver electrodes, DIN style connector, 1 mtr silicone cable</p> <p>IOM kit IOM Electrode Starter Kit f. AEP/SSEP/VEP: 24 pc. Reusable Subdermal Needles incl. Cable 2 pc. Stimulation Electrode, 20 pc. Cup Electrodes, 2 pc. Grounding Electrode, 1 pkg. Nuprep, 1 pkg. Ten-20</p> <p>Original imported cart with isolation transformer and amplifier arm For Desk Top Computer Display Printer</p> <p>Features</p> <ul style="list-style-type: none"> • 4 channel amplifiers. • 1-2 channel electrical stimulators. • Quality sorted averaging method resulting in short examination time. • Touch panel control. • Customizable reports using MS WORD. • Internal amplifier switching option. • Voice stimulation. • Flexible and easily upgradable. Suitable for clinical and research diagnostics. • Broad range of software applications. <p>SOFTWARE PACKAGE FOR APPLICATION</p> <p>EMG</p> <ul style="list-style-type: none"> • Spontaneous EMG • Quantitative EMG • AMUP analysis • Interference pattern analysis • Single Fiber EMG • Multi-Channel EMG in GPP Program • Macro EMG <p>NCS</p> <ul style="list-style-type: none"> • Motor nerve conduction. • Sensory nerve conduction. • F-wave. • H-Reflex. • Decrement Test. • Blink Reflex. • Inching. 	

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	<ul style="list-style-type: none"> • Sympathetic Skin Response. • Collision Test. • MUNE. • Refractory Period. • Triple Stimulation. <p>EP</p> <ul style="list-style-type: none"> • Auditory evoked potentials. • Somatosensory evoked potentials. • Visual evoked potentials. • P300. • Electro Oculography. • Electro Nystagmography. • Electroretinography. <p>Isolation transformer: 600 W</p> <p>Amplifier Number of channels: 4 Interface: USB 2 Electrode Inputs: 4 switchable bipolar inputs Input Impedance: >1000 MOhm Maximum Input Range: ±32mV CMRR: >110 dB Band Width: 0,016-100000 Hz Noise: <0,5 µV RMS Calibration: Square wave generator (amplitude and frequency user definable) Impedance Measurement: Built-in impedance meter 0-30 KOhm at 20 Hz Sensitivity: 0,01 µV to 10 mV/division in 19 steps Low Frequency Filter: 0,01; 0,1; 0,5 and 1 Hz - 100 kHz in 1 Hz steps High Frequency Filter: 0,016-100000 Hz in 1 Hz steps Notch Filter: 50/60 Hz Time base: 0,2 msec/division to 1000 msec/division in 14 steps A/D Converter: 16 Bit analog digital converter at 1MHz Resolution: 2 nV</p> <p>Electrical Stimulator option Independent Output: 1 channel Stimulus Intensity: 0-3mA, 0-30mA, 0-100mA Stimulus Rate: 0.1 - 1000 Hz Train Count: unlimited Stimulus duration: 100µsec. to 2000 µsec.</p> <p>Auditory Stimulator option Stimulus Type: Click Stimulus Rate: 0,01 Hz to 100 Hz Stimulus Intensity: 0 to 138 dB SPL or 0-100dB nHL in 1 dB steps Stimulus duration: 100 µsec. Stimulus Polarity: Condensation, Rarefaction, Alternating</p>	

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	Noise: 0-100 dB nHL Operating System: Windows 7 Professional Visual Stimulator option Stimulus Mode: Pattern reversal, Horizontal and vertical bars, Pattern Flash, LED Stimulator Stimulus Field: Full Field, Half Field, Quarter Field Fixation: User definable fixation point with different color Display Colors: 8 Trigger: 1 Trigger input, 1 Trigger output Meets the essential Regulatory and quality standards	

GROUP - 3
PROSTHETICS & ORTHOTICS

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
17.	Plastic Basin 754W1=1 or similar Dimensions 840x580x410mm approx. with chassis	2 Nos.
18.	Trash Container Article no. 754W2=1 or similar	6 Nos.
19.	Plaster Stirrer 756G3 or similar	12 Nos.
20.	Compressed Air Shipping Hammer Plastic case with log pointed chisel, 175mm long Flat Chisel for Removing plaster of paris model. Wt up to 1.5-2 Kg European / USA	4 Nos.
21.	Zigzag Sewing Machine Local Singer / ordinary with electric motor	2 Nos.
22.	Ruler Foldable plastic measuring stick used in prosthetics & orthotics	24 Nos.
23.	Revolving Punch Forged with six punching tubes diameter 2,2.5,3,3.5,4,5mm Length 225mm approx..	6 Nos.
24.	Heat Protecting Glove Cotton looped fabric, for use with plastics, impregnated with flame retardant, with cuff length 280mm color raw white	20 Nos.
25.	Sanding Drum Article No. 749F6/Similar for grinding and Finishing Plastics	10 Nos.
26.	Mobile Unit Truck (Dutro-WU720R-HKFL3 or similar) Model: DUTRO-HINO Dutro WU720 Right hand drive Truck chassis GVW rating 5100KG Type: Diesel, 4-stroke, 4 cylinder, In line overhead, water cool, direct inject naturally Max. output 105 PS@3200 VPM Max. Displacement 4000cc approx. Truck body 16ftx6ftx6ft, with 2 ton air condition, engine, diesel, turbo charged & intercooled, 4- stroke, 4 cylinder, vertical inline overhead valve, water cooled, direction injection type, and maximum torque 37.0 kgf.m@1800 rpm. Truck length 6.7m	1 No.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	<p>Router Machine (Grinding & Milling Machine) 701F20/ similar (Qty. 01) Manual height adjustment is mechanically assisted. s Height 1490mm Approx. RPM approx. 3800 working height 700-1500mm Shaft length 460 Thread size: 5/8 inch Power 1-1.5KW approx. Used in prosthetic and orthotics</p> <p>Generator 5 KVA (Honda or equivalent) (Qty. 01)</p> <p>Tool Kit Set (Qty. 01) Plier set (side, combination and nose) (01 each) Hammer medium size (cross and ball pain) (01 each) Drill bit set 2-16mm (1 Set) Center punch (Qty. 01) Revolving punch (Qty. 01) Screw driver set (7 pcs) (Qty. 01) Allen key set (Qty. 01 set) Hack saw, (Qty. 01) Scissor (Qty. 01) Files metallic rough and smooth (01 each) Chisel set medium size (Qty. 01) Rivet cutter (Qty. 01)</p> <p>Bench Drill Machine (Qty. 01) (imported / preferably European (Height adjustment table, infinity variable speed control (240 + 290mm approx.. work surface) Power: V/HZ/KW 3 x 400 N/PE/50/0.75 approx. 701B6 = STG / similar With chuck and morse taper</p> <p>Grinder Bench 701p11 = TNG / Similar (Qty. 1) Speed 3000 rpm With 2 corundum wheels each with different grain, protective hood & tool rest.</p> <p>Water Dispenser (Qty. 1) Cool Tank Storage capacity: 3.5 Lit or better Cool Water: 1 Lit / Hour or better Cool Water Temp: 6~10 °C Refrigerant: R134a Hot Tank Storage capacity: 1 Lit or better Hot Water: 5 Lit / Hour or better</p>	

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	Hot Water Temp: 90~96 °C Heater: Inner Stool (Qty. 3) Metallic, Height 2 fit (Best quality)	
27.	Scanner For Foot Foot scanner, heating plate (model no. 7617 or similar) , software, pod-scope, plate form, foot pressure sensing plate preferably European	1 No.
28.	Cad Cam for Prosthesis (used in Prosthetics & Orthotics facility) Includes: Scanner Portable, scan body part in 3 D (used for Prosthetics & Orthotics) M4D Scanner + Software Neo Cam Captevia + Structure Sensor Milling machine for 4 axis R4D mill / similar Foam blocks	1 No.
29.	Electric Oven Interior Dimension: WxDxH= 800x500x600 mm approx. temp range upto 300deg C Power Requirements upto 3 Kv (approx) Air-recirculation heating cabinet material specific heating of plastic sheets Temp selector 220 v (701E9=2 or similar)	1 No.

GROUP - 4
PHYSIOTHERAPY

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
30.	Gymnic ball - Size 45 cm – yellow	3 Nos.
31.	Gymnic ball - Size 55 cm - red	3 Nos.
32.	Gymnic ball - Size 65 cm - blue	3 Nos.
33.	Gymnic ball - Size 75 cm - Yellow	2 Nos.
34.	Pump for balls	1 No.
35.	Cushion Cube-psoas	2 Nos.
36.	Bolster - Dia 15 cm	2 Nos.
37.	Head and stomach support cushion	2 Nos.
38.	Supporting cushion pad - large, medium, small model	3 Nos.
39.	Supporting cushion pad - large, medium and small model	3 Nos.
40.	Face cushion	4 Nos.
41.	Knee roll - large , Medium , small sizes	3 Nos.
42.	Bobath roll, Large, medium and small	3 Nos.
43.	Wedge cushion according to Kaltenborn - Standard size	4 Nos.
44.	Bolster - dia. 10 cm	4 Nos.
45.	Knee roll - Medium, small	4 Nos.
46.	Chrome-plated dumbbell - 1 kg	5 Nos.
47.	Chrome-plated dumbbell - 2 kg	5 Nos.
48.	Chrome-plated dumbbell - 3 kg	5 Nos.
49.	Chrome-plated dumbbell - 4 kg	3 Nos.
50.	Chrome-plated dumbbell - 5 kg	2 Nos.
51.	Exercise wristlet – 0.5 kg	3 Nos.
52.	Exercise wristlet - 1 kg	3 Nos.
53.	Exercise wristlet - 2 kg	3 Nos.
54.	Exercise wristlet - 3 kg	3 Nos.
55.	Exercise wristlet - 4 kg	3 Nos.
56.	Exercise wristlet - 5 kg	3 Nos.
57.	Thera-band - yellow / light – 5.50 m	3 Nos.
58.	Thera-band - red / medium – 5.50 m	3 Nos.
59.	Thera-band - green / strong – 5.50 m	3 Nos.
60.	Thera-band - blue / extra strong – 5.50	4 Nos.
61.	Thera-band - black / spec. strong – 5.50	4 Nos.
62.	Thera-band - silver / super strong – 5.5	4 Nos.
63.	Thera-band - gold / maxi strong – 5.50 m	4 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
64.	Exercise bag - 1 kg	4 Nos.
65.	Exercise bag - 2 kg	4 Nos.
66.	Exercise bag - 3 kg	4 Nos.
67.	Coldpac - half size - 18 x 28 cm 06	10 Nos.
68.	Coldpac - standard - 36 x 28 cm 06	10 Nos.
69.	Coldpac - oversize - 33 x 47 cm 06	10 Nos.
70.	Gymna instant cold compress - p 10 pcs	10 Nos.
71.	Knee roll - large	4 Nos.
72.	BP Apparatus on Trolley Aneroid Sphygmomanometer with Size-11 Adult large, medium and small, FlexiPort Reusable, 2-Tube Cuff; Premium Inflation Bulb and Valve, Coiled Tube (8.0 ft/2.4 m), Five-Leg Mobile Stand.	2 Nos.
73.	Treadmill Commercial low impact Treadmill Motor : 4.0hp peak-duty Ac motor Speed :0.5 to 16mph ProgRAMS:26 IFT DRIVER CONTROLLER Ground effects impact system Incline option available	6 Nos.

GROUP - 5
SPECIAL EDUCATION

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
74.	Core Disk Beanbag Cushion 12", 14" disc Seat cushion can be used to provide stability for positioning or instability to improve balance. Simply inflate to desired level.	20 Nos.
75.	Key Chain Talker Ideal for auditory reminders	20 Nos.
76.	Fun Key Board & Fun Mouse Surface frosted of Keyboard for more comfortable touch sense, Ergonomic design Mouse, Both Keyboard & Mouse are Plug & Play, very convenience to use.	20 Nos.
77.	GoTalk Pocket with GoTalk Overlay Software GoTalk use to initiate conversations, support daily activities, talk on the telephone, practice speaking, etc. GoTalk features excellent sound and volume control with sequential recording.	40 Nos.
78.	Whirligig	10 Nos.
79.	Stix Numbers & Counting Cards Colorful, non-toxic wax and yarn product to stimulate imagination and creativity	20 Nos.
80.	Fanta Color Junior <ul style="list-style-type: none"> • 50 buttons in 5 colours • 8+8 Images • 2 support footstands • 1 transparent board with holes for pegs It's great fun filling the slots of the transparent board with coloured pegs with Fanta color Junior	20 Nos.
81.	Wood Peg Board and Stacking Toy with Pattern Cards One wooden board with 16 holes. Board is 7" x 7" 16 wooden pegs. (1.75" long x 3/4" wide) Pegs are wood and painted with nontoxic, water based stain in 8 vibrant colors 16 wooden rings Sturdy and durable wooden peg board toy can be used for simple pegging, stacking, color matching, lacing and more.	20 Nos.
82.	Stars & Hearts / Characters / Stickers 60 stickers. 12 heart shaped stickers per sheet. 5 sheets total. Colorful Metallic Heart decorative stickers perfect to use in arts and crafts projects.	20 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
83.	<p>Design & Drill Activity Center Kids can drill fun-shaped bolts into the board to re-create the pictures found in the Activity Guide or create their own original designs 120 Chunky plastic bolts in 5 colors, a reversible power drill, a screwdriver, 3 drill bits (Phillips, socket, flathead), and a combination wrench for tiny hands</p>	20 Nos.
84.	<p>Stix Alphabet Cards Colorful individual cards for learning letter formation with Wikki Stix. Creative Wikki illustrations on each card add to the fun! 26Alphabet cards plus one practice card, 36 reusable Wikki Stix Perfect for developing fine motor skill</p>	20 Nos.
85.	<p>Magnetic Making Faces Tin</p> <ul style="list-style-type: none"> • Have fun creating silly faces using a variety of eyes, noses, mouths, mustaches, glasses, hats and more. • Full color scene printed on the inside of the tin • 1 additional colorful play scene (2 cards) to use in the tin or on any metal surface • 3 sheets of magnets (total of 49 individual magnets). 	20 Nos.
86.	<p>Teaching Sneaker (Pink/White) Comfortable Sneaker / Shoes</p>	20 Nos.
87.	<p>Shoe Tying Made Simple Teaching Kit (Navy/White) New edition of Shoe Tying Made Simple has proven to be a huge hit with children. Includes: One pair of bicolored shoelaces made of a fine weave Full Instructional Brochure.</p>	20 Nos.
88.	<p>Tie My Shoe Teaching Song CD (Blue & Yellow) Rhyme CD</p>	20 Nos.
89.	<p>Alphabet Poster Writing Skills Activities for Special Children 1st Edition, ISBN-13: 978-0787978846 ISBN-10: 0787978841 The book to help elementary students with special needs develop basic writing skills, relate writing to real-life tasks, and explore writing as a creative, enjoyable event! The book includes 135 step-by-step lessons and 269 illustrated activity sheets.</p>	5 Nos.
90.	<p>Number Strips (Full Color)</p>	20 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
91.	Magnetic Letter Kids Set for Capital Letters <ul style="list-style-type: none"> • Builds early literacy skills and fine motor development • Assemble color-coded, magnetic foam lines and curves to form letters and numbers • Set includes activity guide and storage bucket 	20 Nos.
92.	Clear Overlays for Upper Case Letters & Numbers	20 Nos.
93.	Dry Erase Board and Handy Carrying Case Includes a dry erase marker, a great writing rules rhyme, and the nifty Popsicle Clear Stick Spacer. Great for children (and therapists) on the go.	20 Nos.
94.	Dry Erase Mat Double sided square and hex grid printed on each side. High quality PVC film wipes clean, stain-free with dry erase markers.	20 Nos.
95.	Instructional Tablets (Instruction Writing Tablet) The Learning tablet designed to give the child an all-round exposure to ensure multiple skill development. Aims at inculcating reading, musical, mathematical, analytical and technology skills to give your child the smart edge.	20 Nos.
96.	Magnetic Marbles 50 Magnetic Marbles (includes sorting tray, storage bag & activity bkt) Marble contains a small magnet inside Marble size: 16mm in diameter	20 Nos.
97.	Filo	20 Nos.
98.	Squeezing Innovative Therapeutic Toys: Engaging Strategies for Developing Fine Motor Skills and Handwriting Squeezing Innovative Therapeutic Toys walks readers through ways to engage children in developing fine motor skills through play. teaches the user how to use inner drives to engage the child and motivate hand use, and provides directions on how to make 25 squeezies / gadgets / activities.	20 Nos.
99.	Mini Animal Assortments Farm - 16 pack (4 each of horse, pony, frog, pig)) A 100 Piece 'Big Mo's' Farm Animal Assortment. Big Mo's Plastic Mini Farm Animal Toys Assortment Is 2" to 4" In Length.	20 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
100.	My Book of Easy Mazes Second book of tracing bridges the gap between My Book of Tracing and My First Book of Mazes by offering more advanced tracing exercises. Tracing their way through these colorful mazes will help children build more confidence in their fine motor skills, thereby preparing them to begin writing.	20 Nos.
101.	Amazing Mazes Amazing Mazes Puzzle Book features 40 fun, mind-bending mazes of varying degrees of difficulty including Challenging, Intermediate, Tough and Super Tough Product Dimensions: 8 x 0.2 x 10 inches h mazes.	20 Nos.
102.	Koopy Spring Scissors 5 Inches, Assorted Colors (36 pack) 5 inches Blunt Scissor Tip Right-Handed	20 Nos.
103.	More Let's Cut Paper Mastering scissors is an important part of developing fine motor control. Book begins with simple one stroke cuts and progresses to more complicated art projects.	20 Nos.
104.	My First Book of Cutting Scissors are basic tools for developing fine motor skills, and this book is the best way to introduce them to your child. Use this book to help your child practice cutting with scissors as a way to improve manual dexterity.	20 Nos.
105.	Blunt-tip Kids Scissors Classpack (5", 12 Pack, Ages 4+) The Strong Stainless Steel Rust Resistant Blades (Forging press manufacturing process enables high-density steel that makes times harder than the normal stainless steel and are smoother cutting).Ideal for both home and office use, cuts through paper, cardboard, fabric	20 Nos.
106.	What Do I Say? An Interactive Reading Book of Appropriate Social Responses Adorable lift-the-flap book, the Playskool pals aren't being very polite! They are grabbing for food, sneezing, bumping into people, not waiting their turn, etc.	20 Nos.
107.	Opposites	20 Nos.
108.	Apraxia Uncovered The Seven Stages of Phoneme Development Book and 3 CD's 4+ hour audio Seminar	20 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	Pam's second material on childhood apraxia presents a deep perspective on speech sound development.	
109.	KET Set 5 Animals Movin' and Groovin'	20 Nos.
110.	The Entire World of R: Book of Stories The Entire World of R™ Book of Stories, by Sheila McGovern and Christine Ristuccia, offers an advanced level articulation tool for dealing with the difficult /r/ phoneme.	20 Nos.
111.	Balance Beam – Wooden Strength, stability, flexibility, confidence and control are all required when performing challenging routines on the balance beam due to the narrow surface and high height As beginners, gymnasts first learn tumbling skills on the floor and then practice on a lower beam that is usually only 7 inches off of the floor.	20 Nos.
112.	Step Rocking Boat Two units in one. Turn it over and the rocking boat becomes a sturdy set of stairs. 24" wide x 47" long x 12" high. KYDZ Strong construction. KYDZ Safe edges. KYDZ Tuff finish. Ready-to-Assemble. Lifetime warranty.	20 Nos.
113.	Special Type Mirrors	20 Nos.
144.	Hide and Seek Safari Monkey and Tiger	20 Nos.
115.	Hands and Feet Markers Hands (Set of 12) 2 hands are made of a durable, tactile poly-vinyl and come in red, blue or green. Help visually demonstrate proper hand placement in the gym or play room. Should be available in different textures and three colors: red, blue, or green.	20 Nos.
116.	Jumbo Arrows (Curved Arrows (Set of 6) Bright rainbow jumbo curved arrows measure about 10" x 10.75" overall. These directional arrows teach color as well as serve as markers for relay puzzles and obstacle courses.	20 Nos.
117.	Economy Cones (12") Lightweight vinyl with small base. Cones help to improve grasping, shape recognition	20 Nos.
118.	Color My Class Game Cones 12" Cones (Set of 6)	20 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
119.	<p>Get Stronger! Have More Fun! Get Stronger, Have More Fun is designed to help children of all ability levels develop strength, coordination and confidence Each exercise is paired with a rating scale that provides positive feedback and encourages children to set higher goals and challenge themselves further.</p>	20 Nos.
120.	<p>Peek A Boo Tunnel</p>	20 Nos.
121.	<p>Tactile Sandpaper Letters and Numbers (Lowercase) Special needs students will benefit from the tactile experience of these letters. 4 1/4" x 2- 5/8" cards feature manuscript letters and numbers which are die-cut from sandpaper. Upper Case Set: Includes 26 standard upper case letters Lower Case Set: Includes 26 lower case letters plus 2 alternative forms of l and t. Numerals Set: Includes 10 numbers</p>	20 Nos.
122.	<p>Kooshie Ball</p>	20 Nos.
123.	<p>Spinning Board</p>	20 Nos.
124.	<p>Gel Pad Tic Tac Toe Activity Pad Fun way to fine-tune coordination and increase attention span Provide tactile and visual stimulation Enhance eye-hand coordination Build finger strength Improve hand dexterity</p>	20 Nos.
125.	<p>Shapes Spring Assortment 5.50 x 3.50 x 3.00 Inches</p>	20 Nos.
126.	<p>Stretch Zoo Monkey Book designed to support them to work in a way that is grounded in and focused on occupation. This extends from an examination of conceptual issues such as creativity and flow to clinical examples of practicing in an occupational way</p>	20 Nos.
127.	<p>Mixed Signals Understanding and Treating Your Child's Sensory Processing Issues</p>	20 Nos.
128.	<p>Matthew Visits the Occupational Therapist</p>	20 Nos.
129.	<p>Sensory Integration Answers for Mealtime Success</p>	20 Nos.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
130.	Sensory Stories Strategy Card Decks	20 Nos.
131.	Trunks: The Game of Motor-Memory A game where players move their bodies, make sounds and perform actions from memory! TRUNKS has gameplay challenges for all abilities	20 Nos.
132.	Feeling Free Songs & Stories for Sensory Integration (book & CD) Book with photos, lyrics to each song, essays describing each song, and CD with vocal and piano music. It enhances gross and fine motor coordination, cognitive processing, and to create a sense of security of joy through the songs.	20 Nos.
133.	Rappin' on the Reflexes A Practical Guide to Infant Reflexes (book & CD) Integration in a song? Infant Reflexes in a rap? Fine Motor Coordination in a finger game? Kids move and sing along with Rappin' on the Reflexes, they practice developmental movements that increase their physical, emotional, social, and academic well-being. Rappin' on the Reflexes is for all ages.	20 Nos.
134.	Fidgety The Hand Fidget with Wrist Strap (Large) 3 ½" by 5 ½". Made from soft 100% cotton Fidgety is to improve focus Place the non-latex elastic around your wrist and your pointer finger in the corner tag to keep it secure	20 Nos.
135.	Girl's Comfort Vest with Weight Option Size 12 Maximum comfort. Secure and snug fit on the body for a great workout. Includes one adjustable velcro belt, and 10Lbs of total weight. Adjustable in 3lbs increments. 30lbs Maximum.	20 Nos.
136.	Boy's Comfort Vest with Weight Option Size 12 Maximum comfort. Triple-layer pocket backing for maximum weight support during any workout. Adjustable straps for ideal fit and comfort.	20 Nos.
137.	Super Active Sensory Room 1 No. LED Bubble Tube (60") 1 No. 9 Way Bubble Tube Controller 1 No. Interactive LED Fanlite	1 No.

Item No.	Name of Goods, Technical Description, Specifications, and Standards	Required Quantity
	1 No. Curved Bubble Tube Platform (36" w x 36" l x 16" h) 2 Nos. Acrylic Bubble Tube Mirrors (36" x 48") 1 No. LED Infinity Tunnel 1 No. 8 Way Infinity Tunnel Controller 1 No. Aurora Projector 1 No. Projector Wheel Rotator 3 No. Projector Effect Wheels 1 No. Super-active LED Fiber Optic Bundle 1 No. LED Fiber Optic Cascade	

SPECIAL NOTE:

- i. The detailed "Technical Sheet / Literature / Brochure / Catalogue" must be provided for the evaluation of offered good. Otherwise, bid will not be considered and rejected straight-away.
- ii. Port of Shipment and Country of origin of "MAJOR PART(S) OF THE EQUIPMENT" must be clearly reflected separately in the Technical and Financial bids. The "Origin" means the place where the "goods" are mined, grown, or produced.
- iii. The above specifications are only for widest possible competition and not for favor any single contractor or supplier nor put others at a disadvantage. However, the brand name, catalogue No. / Name etc. has only been used for the reference purpose. Goods offered "AT LEAST EQUIVALENT" to requisite specifications shall also be considered.
- iv. Preference would be given to the goods of USA / UK / Japan / European origin with FDA approval / CE marked / JIS (if applicable).
- v. Best quality Compatible UPS must be quoted with all the Treadmills.
- vi. Price should be quoted for complete standard sets of goods of best quality with all the standard accessories. DUHS reserves the right to acquire samples of the offered goods.
- vii. A sample shall be provided to check the design and quality of the Furniture / Fixture / other similar items.

2. MANUFACTURER'S AUTHORIZATION FORM [SEE CLAUSE 11.1 (A) OF THE INSTRUCTION TO BIDDERS]

To: The Dow University of Health Sciences
Karachi.

WHEREAS **[name of the Manufacturer]** who are established and reputable Manufacturers of **[name and /or description of the goods]** having factories at **[address of factory]** do hereby authorize **[name and address of Bidder / Agent]** to submit a bid, and subsequently follow-up / negotiate and sign the Contract with you against Notice Inviting Tender (NIT) for the goods manufactured, by us, under the patent name of for performance of the contract.

We hereby commit and assure our full guarantee and warranty / guarantee as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above mentioned firm against this notice inviting tender.

[Signature for and on behalf of Manufacturer]

Note:

This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

3. CONTRACT FORM

THIS AGREEMENT made the ____ day of _____ 2019 between *Dow University of Health Sciences, Karachi of Islamic Republic of Pakistan* (hereinafter called “the Purchaser”) of the one part and **[Name of Bidder]** of **[city and country of Bidder]** (hereinafter called “the Bidder”) of the other part:

WHEREAS the Purchaser invited bids for certain goods and ancillary services, viz., **[brief description of goods and services]** and has accepted a bid by the Bidder for the supply of those goods and services in the sum of **[contract price in words and figures]** (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

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

- (a) the Bid Form and the Price Schedule submitted by the Bidder;
- (b) the Schedule of Requirements;
- (c) the Technical Specifications;
- (d) the General Conditions of Contract;
- (e) the Special Conditions of Contract; and
- (f) the Purchaser’s Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Bidder as hereinafter mentioned, the Bidder hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract

4. The Purchaser hereby covenants to pay the Bidder in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed / Sealed by the Manufacturer /
Authorized Bidder / Authorized Agent

Signed / Sealed by Purchaser

I: Bid Form & Price Schedule

1. BID FORM

To: The Dow University of Health Sciences
Karachi

Dear Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods specified in the said Bidding Documents for the sum of _____ **[Total Bid Amount Rs. _____]**,

[Bid Amount in words _____ only]

or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

2. The free of cost / donation / discounts offered and the methodology for their application are: _____

3. We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

4. If our bid is accepted, we shall obtain an unconditional guarantee of a bank in the sum of 5% of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

5. We agree to the validity of this bid for 90 days from the date fixed for financial bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Until a formal Contract is prepared and executed, this bid, together with the written acceptance thereof and notification of award, by the Purchaser, shall constitute a binding Contract between us.

7. We understand that you are not bound to accept the lowest or any bid you may receive.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

2. (a) **PRICE SCHEDULE IN PAK RUPEES delivered duty paid (DDP BASIS)**

FOR GOODS OFFERED WITHIN THE PURCHASER'S COUNTRY

Item No.	Detailed Specification of Goods	Model / Cat No.	Name of Manufacturer	Country of Origin	Quantity of Stores	Unit	Rate Per Unit	Total Price
1	2	3	4	5	6	7	8	9
Total Amount in Pak Rs.								

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

2. (B) PRICE SCHEDULE IN FOREIGN CURRENCY
(C&F / CFR / CNF / CPT BASIS)

FOR GOODS OFFERED FROM OUTSIDE THE PURCHASER'S COUNTRY

S#	Detailed Specification of Goods	Model / Cat No.	Name of Manufacturer	Country of Origin	Port of Shipment	Quantity of Stores	Unit	Currency	Rate Per Unit	Total Price
1	2	3	4	5	6	7	8	9	10	11
Total Amount in Foreign Currency										

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____