

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF HEALTH

**REPLACEMENT OF OLD LIFTS AND SUPPLY, INSTALLATION,
TESTING AND COMMISSIONING OF NEW BED LIFTS AT MAIN
OPERATION THEATER – TEACHING HOSPITAL - PERADENIYA**

BIDDING DOCUMENT

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Invitation for Bid

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Section 07 – Bill of Quantities

CONSULTANT

CENTRAL ENGINEERING CONSULTANCY BUREAU,
NO.415,
BAUDDHALOKA MAWATHA,
COLOMBO 07.

CLIENT

DIRECTOR,
TEACHING HOSPITAL,
PERADENIYA.

MAY 2025

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INVITATION FOR BIDS

INVITATION FOR BIDS (IFB)
MINISTRY OF HEALTH

REPLACEMENT OF OLD LIFTS AND SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NEW BED LIFTS AT MAIN OPERATION THEATER TEACHING HOSPITAL - PERADENIYA

CONTRACT NO: THD/ AD/ 23/ 2025

1. The Director, Teaching Hospital, Peradeniya, on behalf of the Ministry of Health, “Suwasiripaya”, 385, Rev Baddegama Wimalawansa Thero Mawatha, Colombo 10, invites sealed bids from eligible and qualified bidders for the **“Replacement of old lifts and supply, installation, testing and commissioning of new bed lifts at main operation theater, Teaching Hospital, Peradeniya”**, Contract No: **THD/ AD/ 23/ 2025** as described in document and estimated to basic cost of Rs. **36 million (Excluding VAT). Construction period is 91 Days.**

The Site is Located at the premises of Teaching Hospital, Peradeniya. Under this contract, supply, installation, testing and commissioning of new lifts with necessary ancillary works should be done. For more information, please refer Specifications and Bill of Quantities. Bidders are advised to visit the site prior to price the bid. Work should be carried out without disturbing the day-to-day activities of the hospital.

2. Bidding will be conducted through **National Competitive Bidding Procedure.**
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements.
 - Grade – **EM 2 or above**
 - Specialty – Mechanical Elevators
 - Average annual volume of construction work performed in the last five years shall be at least **Rs. 53.3 M.**
 - Experience in the construction of at least one contract of a similar nature and complexity equivalent to the Works over 05 years. **Attach as an annex.**
 - The minimum amount of liquid assets and/or credit facilities as exclusive of any advance payments which may be not less than **Rs. 36 M.** Credit facility should be addressed to Director, Teaching Hospital, Peradeniya and should be exclusive of this particular project.

Since the Cost Estimate of this procurement is above 5 million, the provisions of Public Contracts Act No:(03) of 1987 shall be applied.

Managerial / Technical

Engineer Assistant (Mechanical) (Full time) – NDT, NDES, HNDE (Mechanical) Engineering or equivalent qualification with minimum 5 years’ Experience.

4. Interested bidders may obtain further information from Director, Teaching Hospital, Peradeniya Tel. No. 081-2388001 and can inspect the Bidding Document at the address given below from **09.00 hrs to 15.00 hrs**
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to the **Director, Teaching Hospital, Peradeniya.** from **23rd of May 2025** until **13th of June 2025** from **09.00 hrs to 14.00 hrs.** Upon payment of a non-refundable fee of **Rs. 4,000.00** to the **Shroff, Teaching Hospital, Peradeniya.** The method of payment will be cash only.
6. Bids shall be delivered to the address below, on or before **13th of June 2025.** Late bids will be rejected. Bids will be opened soon after closing in the presence of the Bidders or Bidder’s representatives who choose to attend.

7. Bid shall be valid up to 91 days from Bid closing date **23rd of May 2025** to **13th of June 2025**. (date) or any extended period requested by client.
8. All bids shall be accompanied by a “Bid security” of **Rupees Five Hundred and Twenty-Five Thousand Only (Rs. 525,000.00)**. Bid Security shall be valid up to 119 days from Bid closing date **13th of June 2025** to **10th of October 2025** (date).

The address referred to above is,
Director, Teaching Hospital, Peradeniya.
Tel. No. 081-2388001

Section - 4

FORM OF BID AND QUALIFICATION INFORMATION

FORM OF BID

REPLACEMENT OF OLD LIFTS AND SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NEW BED LIFTS AT MAIN OPERATION THEATER, TEACHING HOSPITAL, PERADENIYA CONTRACT NO. THP/ AD/ 23/ 2025

To: Director,
Teaching Hospital,
Peradeniya.

Gentleman,

1. Having examined the Standard Bidding Document - Procurement of Works (ICTAD/SBD/01-Second edition, January 2007 and Addendum 01 issued in October 2009 & Addendum 02 issued in February 2011) , Schedule for Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda for the execution of the above-named Works, we the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Sri Lankan Rupees
(LKR Rs.) or such other sums as may be ascertained in accordance with the said Conditions.
2. We acknowledge that the Contract Data forms part of our Bid.
3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.
4. We agree to abide by this Bid for the period of 91 days from the date fixed for receiving or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
6. We understand that you are not bound to accept the lowest of any Bid you may receive.

Dated this..... Day of 2025 in the capacity of..... Duly
authorized to sign bids for and on behalf of

.....
(IN BLOCK CAPITAL)

Signature :
Address :
.....
.....
Witness :
.....

QUALIFICATION INFORMATION*(To be completed and submitted by the Bidder with the Bid)*

ICTAD Registration	
Registration number	<i>(Attach copies of relevant pages from the registration book) (if available)</i>
Grade	EM 2 or above
Specialty	Elevators, Escalators & Travellators (EET)
Expiry Date	
Blacklisted Contractors	
Have you been declared as a defaulted contractor by NPA or any other agency? (Yes/No)	
If yes provide details	
VAT Registration Number	
Legal status	<i>(Attach relevant status copies, as annex)</i>
Value of Construction works Performed in last 5 years	<i>(Attach certified copies of certificate of completion, etc. and other documents such as profit-loss and income expenditure statement)</i>
Year 2024	
Year 2023	
Year 2022	
Year 2021	
Year 2020	
Value of similar works completed in last 5 years (indicate only the three largest projects)	<p>1. Value Rs..... Year</p> <p>2. Value Rs..... Year</p> <p>3. Value Rs..... Year</p> <p>(Attach certified copies of Letter of award & certificate of completion)</p>
Credit Facility	

PCA3 Form			
Qualification and experience of Key staff - Site & Head Office (Permanent, Contract Basis & Consultants)	Category, Experience and Qualifications	Required Nos.	Proposed by bidder (Name, experience and Qualifications)
	1. Engineer Assistant (Mechanical) (Full time) – NDT, NDES, HNDE (Mechanical) Engineering or equivalent qualification with minimum 5 years Experience.	01	(Attach certified copies of key staff attached to the project)

SECTION - 07

BILL OF QUANTITIES AND TECHNICAL DATA

PREAMBLE TO THE BILL OF QUANTITIES

1. The Conditions of Contract, the Specifications are to be read in conjunction with the Bill of Quantities.
2. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract and the Specifications and the Bill of Quantities **including all overhead charges (excluding VAT), profit and Preliminaries** and carrying out the work as described shall be deemed to be spread over and included in the prices or sums stated by the Bidder in the Bill of Quantities. VAT should be separately added.
3. If the Bidder failed to price any Items in the Bill of Quantities then the cost of the work under such Item shall be held to be spread over and included in the prices given against other Items of work.
4. When trade names, brand and/or catalogue numbers are referred to, sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristics of type, quality, appearance, finish, method of construction and/or performance is equal to or superior to specify.
5. Whenever the method of measurement is not clear from documents available, the principles as given in the Sri Lanka Standard 573, 1999, Method of Measurement of Building Work shall be applicable.
6. All items of work shall comply exactly with the Contract unless otherwise approved by the Engineer and the rates and sums inserted in the Bill of Quantities shall be deemed to apply to the work as specified. If, for his convenience or reasons of availability, the Contractor proposes and the Engineer approves the use or provision of alternative items, materials or method of working, or equivalent or superior quality to those specified in the Contract, the rates and sums inserted in the Bill of Quantities shall not in any case be increased as a result.
7. The quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work which is anticipated to be performed by the Contractor. The actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.
8. Where, for his own purposes or due to his own default, the Contractor carries out the Works in such a manner that the quantity of any Item of work in particular component to be measured for payment purposes differs from that directed by the Engineer, then payment shall be made according to the lesser of the actual quantity and that directed. An excess quantity in one part of the component shall not, however, be allowed to offset a deficit elsewhere in the same component for measurement purposes.
9. Where the determination for payment purposes of the quantity of any Item of work depends upon the measurement of existing features or ground levels and the like, then prior to carrying out any operations which might affect such measurement, the Contractor shall first take such levels and measurements as the Engineer may direct and, after the Engineer has had the opportunity to check the same, they shall be certified as agreed by both the Engineer and the Contractor.
10. In the event that the Contractor fails to observe the above procedure, the Engineer shall determine the quantity to be assumed for payment purposes using the best information available to him, and his decision in the matter shall be final.

11. Selected Bidder shall comply with the arrangement of work in the buildings and be ready to work part by part as required by the Authorities of Teaching Hospital, Peradeniya.
12. Rates in Bill of Quantities shall include all necessary material for supply, installation, testing & commissioning of New Bed Lifts system etc.
13. Except where specifically stated, all costs associated with provision of all holes, openings, chases and wall finishing in other builders' work required for installation and make them good, shall be included in the rates.
14. Bidder should pay special attention to the work to be carried out, causing minimum disturbance or hindrance to the normal functions and activities of the users of the Teaching Hospital, Peradeniya.
15. The Bills of Quantities should therefore, be priced to reflect all factors that would affect the bid and the progress of the works.
16. Screens should be provided to prevent dust escaping from working areas.
17. Metric units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated. Abbreviations used in the Contract are as follows: -

mm	-	Millimeter
m	-	Linear meter
kg	-	Kilogram
m ²	-	Square meter
m ³	-	Cubic meter
nr	-	Number
Rs.	-	Sri Lankan Rupees
Cts.	-	Cents
Pro Sum	-	Provisional sum
L. S.	-	Lump Sum

REPLACEMENT OF OLD LIFTS AND SUPPLY, INSTALLATION, TESTING AND COMMISSIONING
OF NEW BED LIFTS AT MAIN OPERATION THEATER

TEACHING HOSPITAL - PERADENIYA

BILL OF QUANTITIES

ITEM	DESCRIPTION	QTY	UNIT	RATE Rs. Cts.	AMOUNT Rs. Cts.
	<u>MECHANICAL WORKS</u>				
	<i>The manufacturer of the equipment shall have at least ten (10) years experience in the design and manufacture of same type of equipments</i>	Note			
	<i>The make of equipments offered shall have satisfactory proven service record in Sri Lanka at least for last five (5) years</i>	Note			
	<i>Rate shall for all cost of supply including CIF, CID, PAL, clearing charges, transport charges, erection, factory testing, site testing, commissioning as per specification and drawings and profits etc.</i>	Note			
	<i>Rate shall for cost of providing security bonds, guaranties, insurance of personnel, property, material against accidents, damage, trespass or theft.</i>	Note			
	<i>Rate shall for the cost of all temporary works such as scaffolding etc. associated civil and electrical works related to the installation of lift such as drilling of suitable holes in walls, breaking of any parts of walls and finishing works of the same such as plastering, painting, etc. electrical power / control wiring, services connections, etc.</i>	Note			
	BED LIFT FOR MAIN OT				
1.0	Remove existing lifts accessories and hand over to hospital with inventory list				.....
2.0	Supply and installation of MR Type Bed Lift of capacity 1350kg, 60m/min for TWO stops (from Ground to First floor), with battery backup and all other accessories.				
	(a) Supply Cost	2	nr	.....	.....
	(b) Installation Cost	2	nr	.....	.....
	Supply and installation of Exhaust fan Country of manufacturing shall be USA, EU OR JAPAN.				
3.0	Supply and installation of wall mounted exhaust fans having suitable capacity for machine room.				
	(a) Supply Cost	2	nr	.....	.....
	(b) Installation Cost	2	nr	.....	.....
4.0	Supply and installation of Intake air louver with insect screen.				
	(a) Supply Cost	2	nr	.....	.....
	(b) Installation Cost	2	nr	.....	.....
5.0	Associated Civil works	Pro. Sum			250,000.00
6.0	Testing and commissioning	Item	Lot		.....
Total Cost for Lifts					.....

REPLACEMENT OF OLD LIFTS AND SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NEW BED LIFTS AT MAIN OPERATION THEATER TEACHING HOSPITAL, PERADENIYA.
BILL OF QUANTITIES

MAIN SUMMARY

Bill No	DESCRIPTION	AMOUNT	
		Rs	Cts
A	BED Lift System	.....
(a)	Basic Cost Estimate (BCE) (Sub Total 1)	.....
(b)	Less: Provisional Sum	250,000.00	
(c)	Sub Total II (a-b)	.....
(d)	Less: Discount if any (.....%)	.....
(e)	Sub Total III (c-d)	.....
(f)	Add : Provisional Sum (b)	250,000.00	
	TOTAL BID SUM WITHOUT VAT	.....

Total Bid Sum to be taken in to Form of Bid (Page No. 03) in words Rupees:

 only.

Amount of V.A.T.(Prevailing VAT) for the Total Bid Sum :- Rs.
 Bidder's VAT Registration No:

.....
 Signature of Bidder

Name and Address of Bidder:

Date.....

.....

.....
 Signature of Witness (1)

.....
 Signature of Witness (2)

Name and Address of Witness (1)

Name and Address of Witness (2)

.....

.....

Date.....

Date.....

TECHNICAL SCHEDULE

REPLACEMENT OF OLD LIFTS AND SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NEW BED LIFTS AT MAIN OPERATION THEATER

TEACHING HOSPITAL - PERADENIYA

TECHNICAL SCHEDULE

	Item	As specified	As Offered	Remarks
	Bed lift - 02 stops			
1.1	Make			
1.2	Model			
1.3	Country of origin	Europe/USA/JAPAN		
1.4	Rated capacity of lift	1350 kg		
1.5	Rated speed	60 m per min		
1.6	Control system	VVVF		
	Protection against			
	- Under voltage			
	- Phase			
	- Overload			
	- Earth fault			
1.7	Drive motor			
	- Rated supply voltage	400 V/3ph		
	- Frequency	50 Hz		
	- Permissible supply			
	- Voltage variation	10%		
	Rated capacity			
	Speed			
	Ventilation/cooling	Forced ventilation		
	Insulation class	Class F		
	Full load current			
	Continuous duty cycle rating	180		
1.8	Governor system			
1.9	Type of safety gear			
1.10	Hoistway size	2400 * 2800 mm		
1.11	Overhead of lift	4200 mm		
1.12	Pit depth	1300 mm		
1.13	Position of machine room	Directly above Hoistway		
1.14	Travel	4000 mm		
1.15	Hoisting Hook in the clearance space			
	- No. of Hook			
	- Capacity of the hook			
1.16	Lift Car			
	- Design			
	Internal dimensions - minimum			
	- Car door type			
	- Door opening dimensions			
	- Details of car			
	- Ceiling, lightings			
	- Ventilation			
	- Interphone			
	- Walls	Hairline SS		
	- Doors	Hairline SS		
	- Car sill	Extruded hard aluminium		
	- Car floor finishes	Hard wearing Vinyl flooring		
	- Operating panel finish	Hairline SS		
	- Function & features of operating panel			
	- Landing			

	Item	As specified	As Offered	Remarks
1.17	- Door type	Clauses 2.8.1, 2.8.2		
	- Door construction	Clauses 2.8.1, 2.8.3		
	- Door dimension	Clauses 2.8.1, 2.8.4		
	-Door Finish	stainless steel with hairline finish		
	- Opening & closing features of door			
	- Architrave finish			
	- finish of push button panel	stainless steel with matt finish		
	- Functions and features of push button panel			
	- Landing sill type			
1.18	Levelling accuracy	+/- 5mm		
1.19	Buffer type	Spring type/Hydraulic		
1.20	Safety gear details			
1.21	Counter weight details			
1.22	Sizes, number and test loads of ropes			
1.23	Details of electrical protection			
1.24	Governor			
1.25	Emergency Rescue Device (Battery Backup)	Clauses 2.8.1, 2.8.4		
1.26	Battery Bank	Clauses 2.8.1, 2.8.5		
	Type			
	Capacity			
	Amp/hrs			
	Voltage			
1.27	Battery Charger			
	Type			
	Make			
	Capacity			
	Amp/hrs			
	Voltage			
	Parking Switch			
	Special features (if any)			
1.28	Exhaust fan for Lift Machine Room			
	Make			
	Model			
	Country of Manufacture			
	Capacity			

MAINTENANCE AGREEMENT

**SERVICE AND MAINTENANCE AFTER FREE MAINTENANCE PERIOD FOR
BED LIFTS SYSTEM**

Annual fee for providing **comprehensive maintenance service**.

The work shall include the sending of Contractor's personnel **once every four months during normal working hours of a normal working day** to inspect, clean, oil, grease and replacement of spares where necessary, adjust the machinery and equipment and attending to emergency call back service immediately the owner notifies the contractor.

The amount quoted for servicing and maintenance shall include the cost of supply of all replacement spares, necessary oil, grease and cleaning materials. **These prices will be considered for bid evaluation to arrive at a final evaluated bid price discounting to present value at the rate of 10% per annum.**

Total per annum (excluding VAT)
(After free maintenance period)

1 st year	Rs.
2 nd year	Rs.
3 rd year	Rs.
4 th year	Rs.
5 th year	Rs.

The bidder shall supply a sample of his proposed service and maintenance contract document.

(Signature) (Signature).....

(Name) (Name)