

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MINISTRY OF HEALTH AND MASS MEDIA

**IMPROVEMENT OF MEDICAL GAS PLANT ROOM –
TEACHING HOSPITAL - PERADENIYA**

BIDDING DOCUMENT

Volume I

- Section 01 – Instructions to Bidders
- Section 02 – Standard Forms (Contract)
- Section 03 – Conditions of Contract

Volume II – (For the use as “Original” document)

Invitation for Bid

- Section 04 – Form of Bid and Qualification Information
- Section 05 – Bidding Data and Contract Data
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Volume III – (For the use as “Copy” of document)

Invitation for Bid

- Section 04 – Form of Bid and Qualification Information
- Section 07 – Bill of Quantities

CONSULTANT

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

CLIENT

DIRECTOR,
TEACHING HOSPITAL,
PERADENIYA.

AUGUST 2025

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INVITATION FOR BIDS

INVITATION FOR BIDS (IFB)
MINISTRY OF HEALTH AND MASS MEDIA

**IMPROVEMENT OF MEDICAL GAS PLANT ROOM – TEACHING
HOSPITAL, PERADENIYA**
CONTRACT NO THP/AD/26/2025

1. The Chairman, Regional Procurement Committee, on behalf of the Ministry of Health and Mass Media, “Suwasiripaya”, 385, Rev Baddegama Wimalawansa Thero Mawatha, Colombo 10, invites sealed bids from eligible and qualified bidders for the “**Improvement of medical gas plant room - Teaching Hospital, Peradeniya**”, Contract No: THP/AD/26/2025 as described in document and estimated to basic cost of Rs. **69 million (Excluding VAT). Construction period is 91 Days.**

The Site is Located at the premises of Teaching Hospital, Peradeniya. Under this contract, extension of medical gas system 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 – Medical Gas Systems (MG)
 - Average annual volume of construction work performed in the last five years shall be at least **Rs. 104 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. 69 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. Telephone No. 081-2388001** and 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. Telephone No. 081-2388001**, from **22nd August 2025** until **11th September 2025** from **09.00 hrs to 15.00 hrs.** upon payment of a non-refundable fee of Rupees Fifteen Thousand only (**Rs.15,000.00**). The method of payment shall be in cash.

6. Bids shall be delivered to the address below, on or before **12th September 2025** until **10.30 hrs.** 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 dateto..... (date) or any extended period requested by client.
8. All bids shall be accompanied by a "Bid security" of **Rupees One million, Thirty - Five Thousand Only (Rs. 1,035,000.00).** Bid Security shall be valid up to **119 days** from Bid closing date to (date)

The address referred to above is,

**Director,
Teaching Hospital,
Peradeniya.
Telephone No. 081-2388001**

Section - 4

FORM OF BID AND QUALIFICATION INFORMATION

FORM OF BID

IMPROVEMENT OF MEDICAL GAS PLANT ROOM – TEACHING HOSPITAL - PERADENIYA

CONTRACT NO THP/AD/26/2025

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 | Medical Gas Systems (MG) |
| 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 renovation of medical gas plant room.
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 |

| IMPROVEMENT OF MEDICAL GAS PLANT ROOM, TEACHING HOSPITAL- PERADENIYA ENGINEER'S ESTIMATE | | | | | |
|--|---|-----|---------|----------|------------|
| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
| | | | | Rs. Cts. | Rs. Cts. |
| | MEDICAL GAS WORKS | | | | |
| Note | The manufacturer of the equipment shall have at least ten (10) years experience in the design and manufacture of same type of equipments | | | | |
| Note | The make of equipments offered shall have satisfactory proven service record in Sri Lanka at least for last five (5) years | | | | |
| Note | 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. | | | | |
| Note | Rate shall for cost of providing security bonds, guaranties, insurance of personnel, property, material against accidents, damage, trespass or | | | | |
| Note | Rate shall for the cost of all temporary works such as scaffolding etc. associated civil and electrical works related to the installation of all mechanical systems 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. | | | | |
| | Medical gas plant room The products and work shall comply with the Health Technical Memorandum 2022 / 02-01 Part A and Part B and British Standards for Medical Gas System. | | | | |
| | Medical Air Compressor Plant Supply and Installation of Triplex Medical Air Compressor Plant with a minimum capacity of 2500 l/min FAD, at a pressure of 13 Bar. System should consist of 3 Nos. Compressors (2-duty and 1-standby) complete with dryers, filters, accessories, etc. and operate with 230/400V AC, 50Hz power supply and regulate the pressure to connect to the 4 bar and 7 bar pipe system. The capacity of the receiver tank should be 1500 l and it should be facilitate with all precaution for high pressure vessule applications. | | | | |
| A-1 | (a) Supply Cost | 1 | nr | ..... | ..... |
| A-2 | (b) Installation Cost | 1 | nr | ..... | ..... |
| | Medical Vacuum Plant Supply and installation of a Triplex Medical Vacuum Plant with a minimum capacity of 2500 l/min (Each pump will be sized provide the system's full design flow) when pump operating at a vacuum of 475mmHg and 450mmHg at the plant pipeline connection. It shall operate with 230/400 V AC, 50Hz power supply and connecting to the piped vacuum system. The minimum capacity of the receiver tank shall be 3000 l (1500*2). The rate shall include for all necessary valves, bacteria filters, vacuum indicators, pressure controllers, vacuum relief valves, etc. and all necessary fixing materials. | | | | |
| A-3 | (a) Supply Cost | 1 | nr | ..... | ..... |
| A-4 | (b) Installation Cost | 1 | nr | ..... | ..... |
| A-5 | Supply and installation of Central Alarm Panel | 1 | nr | ..... | ..... |
| A-6 | Supply and installation of Earthing System | 1 | Item | ..... | ..... |
| A-7 | Removing existing Compressor plant and Vacuum plant and hand over to the hospital with inventory list. | 1 | Item | ..... | ..... |
| A-8 | Modification of the existing power supply | 1 | Item | ..... | ..... |
| A-9 | Miscellaneous works | 1 | Pro Sum | | 800,000.00 |
| A-10 | Testing and Commissioning | 1 | Item | ..... | ..... |
| | Total For Medical Gas System | | | | |

Improvement of Medical Gas Plant Room - Teaching Hospital, Peradeniya.

BILL OF QUANTITIES

MAIN SUMMARY

| Bill No | DESCRIPTION | AMOUNT | |
|----------|---|--------|-------------------|
| | | Rs | Cts |
| A | Improvement of Medical Gas Plant Room (MG) | ..... |  |
| (a) | Basic Cost Estimate (BCE) (Sub Total 1) | ..... |  |
| (b) | Less: Provisional Sum | | 800,000.00 |
| (c) | Sub Total II (a-b) | ..... |  |
| (d) | Less: Discount if any (..... %) | ..... |  |
| (e) | Sub Total III (c-d) | ..... |  |
| (f) | Add : Provisional Sum (b) | | 800,000.00 |
| | TOTAL BID SUM WITHOUT VAT | ..... |  |

Total Bid Sum to be taken in to Form of Bid (Page No. 05) 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)

Name and Address of Witness (1)

.....
.....
.....

Date.....

.....

Signature of Witness (2)

Name and Address of Witness (2)

.....
.....
.....

Date.....

TECHNICAL SCHEDULE

TECHNICAL SCHEDULE**IMPROVEMENT OF MEDICAL GAS PLANT ROOM TEACHING HOSPITAL - PERADENIYA**

Bidder shall fully complete the Technical Schedules. Manufacturer's technical brochures identifying the proposed items shall be submitted. Submission of bid without completion of technical schedules and supporting document may be liable for rejection of bid.

| | Description | As Specified | As Offered | Remarks |
|-----|--|---------------------|------------|---------|
| 1.0 | <u>Compressed Air Plant - MA4 and SA7</u> | | | |
| | Make | | | |
| | Model | | | |
| | Country of Manufacture | UK / Germany | | |
| | Capacity of receiver tank / tanks - L | 1500 | | |
| | No. of Pumps | 3 | | |
| | Flow rate l/min | 2500 | | |
| | Pressure | 13 bar | | |
| | Pump type | | | |
| | Electrical Rating | | | |
| | Plant configuration length x wide x height | | | |
| | Minimum spacing from wall | | | |
| | No. of vessels | | | |
| | Vessel capacity (litres) | | | |
| | Service connection | | | |
| | Noise level (dBA) | 95dBA or below | | |
| 2.0 | <u>Medical Vacuum Plant</u> | | | |
| | Make | | | |
| | Model | | | |
| | Country of Manufacture | UK / Germany | | |
| | Capacity of receiver tank / tanks - L | 3000 | | |
| | No. of Pumps | 3 | | |
| | Flow rate l/min | 2500 | | |
| | Pressure | 475mmHg and 450mmHg | | |
| | Pump type | | | |
| | Electrical Rating | | | |
| | Plant configuration length x wide x height | | | |
| | Minimum spacing from wall | | | |
| | No. of vessels | | | |
| | Vessel capacity (litres) | | | |
| | Service connection | | | |
| | Noise level (dBA) | 95dBA or below | | |
| 3.0 | | | | |
| | | | | |
| | <u>Central Alarm Panel</u> | | | |
| | Make | | | |
| | Model | | | |
| | Type | | | |
| | Country of Manufacture | | | |

Section 7 – Maintenance Agreement

MAINTENANCE AGREEMENT

**SERVICE AND MAINTENANCE AFTER FREE MAINTENANCE PERIOD FOR
IMPROVEMENT OF MEDICAL GAS PLANT ROOM**

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)

