### DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

# MINISTRY OF HEALTH & MASS MEDIA PAINTING & ELECTRICAL WORK AT OPD BUILDING GENARAL HOSPITAL (TEACHING) - PERADENIYA BIDDING DOCUMENT – VOLUME I

CONTRACT NO: THP/AD/27/2025

### **Volume I (For the Use as the "original" document to submit)**

#### **Invitation for Bids**

Section 01 - Instructions to Bidders

Section 02 - Standard Forms (Contract)

Section 03 - Conditions of Contract

Section 04 - Form of Bid and Qualification Information

Section 05 - Schedules

Section 06 - Specifications

Section 07 - Bill of Quantities

Section 08 - Drawings

Section 09 - Standard Forms (Bid)

### Volume II (For the Use as the "Duplicate Copy" to submit)

**Invitation for Bids** 

Section 04 - Form of Bid and Qualification Information

Section 07 - Bill of Quantities

Contractor .....

### <u>CONSULTANT</u> <u>CLIENT</u>

CENTRAL ENGINEERING CONSULTANCY BUREAU 415, BAUDDDHALOKA MAWATHA,

COLOMBO 07.

MINISTRY OF HEALTH & MASS MEDIA "SUWASIRIPAYA",

385, REV BADDEGAMA WIMLAWANSA THERO

MAWATHA, COLOMBO 10.

### **CONTENTS**

INVITATION FOR BIDS	3
SECTION - 01	
INSTRUCTIONS TO BIDDERS	6
SECTION - 02	
STANDARD FORMS (CONTRACT)	8
SECTION - 03	
CONDITIONS OF CONTRACT	14
SECTION - 4	
FORM OF BID AND QUALIFICATION INFORMATION	16
SECTION - 5	
BIDDING DATA AND CONTRACT DATA	20
SECTION - 6	
SPECIFICATIONS	29
SECTION 07	
BILL OF QUANTITIES	30
SECTION 08	
DRAWINGS	31
SECTION 09	
STANDARD FORMS (BID)	32
CHECK LIST FOR BIDDERS	35

## **INVITATION FOR BIDS**

### INVITATION FOR BIDS (IFB) MINISTRY OF HEALTH

## GENARAL HOSPITAL (TEACHING) – PERADENIYA PAINTING & ELECTRICAL WORK AT OPD BUILDING (CONTRACT NO: THP/AD/27/2025)

- 1. The Chairman, Regional Procurement committee, Teaching Hospital Peradeniya on behalf of the Teaching Hospital, Peradeniya now invites sealed bids for **Painting & Electrical Work at OPD Building for General Hospital (Teaching), Peradeniya** as described below and estimated to cost~ 21.7 million (Basic cost)
- 2. Work consists of Painting Works, Electrical Works & Miscellaneous Works ....... etc. (refer BOQ)

Construction period is 90 days (Calendar dates)

- 3. Bidding will be conducted through National Competitive Bidding Procedure.
- 4. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements.
  - 4(a) Contractors having valid registration in Grade **C6 or above** in the field of Building works under Construction Industry Development Authority (CIDA)/ Former ICTAD.
  - 4(b) Average annual volume of Construction works performed in the last five years shall be at least Rs.22 million.
  - 4(c) Contractor has successfully completed at least a similar project to this by value and complexity during last five years (At least 70% of project should have been completed).
  - 4(d) Technical staff at site to be
    - At least one Technical Assistant (Civil, full time on site) NCT or equivalent with 3-year experience.
    - At least one Technical Assistant (Electrical, full time on site) NCT or equivalent with 3-year experience.
  - 4(e) The minimum amount of liquid assets or available credit facilities for utilizing at the time of bidding exclusive of any advance payments shall be not less than Rs. 10 Million. as per clause 4.4 in bidding data.
  - 4f) As the estimate cost for the procurement exceeds the Rs.5 million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate

- 5. Interested bidders may obtain further information from **Director**, **General Hospital** (**Teaching**), **Peradeniya for Painting & Electrical Work at OPD Building**, Tel. No. 081 3990312 and inspect the bidding documents at the address given below from 2025.07.18 until 2025.07.31 from 09.00 hrs to 14.00 hrs
- 6. A Complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to **Director**, **General Hospital (Teaching)**, **Peradeniya for Painting & Electrical Work at OPD Building** from 2025.07.18 until 2025.07.31 from 09.00 hrs to 14.00 hrs or download the bidding document from below web site upon payment of a non-refundable fee of Rs. 3,500.00.

web site – www.peradeniya-hospital.health.gov.lk

- 7. Sealed bids shall be delivered in duplicate marking as the **Original** and the **Copy** to the **address below**, on or before 10.30 hrs. on 2025.08.01. 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.
- 8. Bid validity shall be 77 days from the date for closing of Bids.
- 9. All bids shall be accompanied by a "Bid security" of **Rupees two hundred twenty thousand only (Rs. 220,000.00).** Validity of Bid security shall be 105 days from the date of closing of the bid (including closing date of bid).

Securities and guarantees issued by an agency acceptable to employer using the forms for bid security (unconditional guarantee) included in section 09, Standard forms.

- Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.
- Construction Guarantee Fund.

The address referred to above is,

Chairman, Regional Procurement committee, Teaching Hospital Peradeniya, Tel 081 - 3990312

## Section - 01 INSTRUCTIONS TO BIDDERS

### **INSTRUCTIONS TO BIDDERS**

Instructions to Bidders applicable to this contract shall be those given in Section-I of the Standard Bidding Document, Procurement of Works, and ICTAD Publication No. CIDA/SBD/01, Second Edition, January 2007 with addenda issued up to February 2011, published by the Institute for Construction Training and Development (ICTAD)," Savsiripaya", 123, Wijerama Mawatha, Colombo 7.

This publication will not be issued with the Bidding Document and the Bidder is advised to purchase it from ICTAD.

Instructions to Bidders shall be read in conjunction with the Bidding Data provided under Section-5 of Bidding Document.

Instructions to Bidders will not be a part of the Contract and will cease to have effect once the Contract is signed.

## **Section - 02**

## STANDARD FORMS (CONTRACT)

- Letter of Acceptance
- Agreement
- Performance Security
- Advance Payment Security

### Notes on Standard Forms:

- Bidders should not complete the Form of Agreement at the time of preparation of bids.
- The successful bidder will be required to sign the Form of Agreement after the award of contract.
- Any corrections or modifications to the accepted bid resulting from arithmetic corrections, acceptable deviations, or quantity variations in accordance with the requirements of the bidding documents should be incorporated into the Agreement.
- The Form of Performance Security and Form of Advance Payment Security should not be completed by the bidders at the time of preparation of bids.
- The successful bidder will be required to provide these securities in compliance with the requirements herein or as acceptable to the Employer.

## FORM OF LETTER OF ACCEPTANCE

[date]
To:
[Name and address of the Contractor]
This is to notify you that your Bid dated
(Rs/=)
[Amount in figures and words] as corrected in accordance with Instructions to Bidders and/or modified by a
Memorandum of Understanding (if any), is hereby accepted.
The adjudicator shall be appointed by appointing authority.
You are hereby instructed to precede with the execution of the said Works in accordance with the Contract documents.
The start date shall be: (Fill the date as per Conditions of Contract)
The amount Performance Security is: (fill as per Conditions of Contract)
The Performance Security shall be submitted on or before (Fill the date as per
Conditions of Contract)
Authorized Signature:
Name & title of Signatory:
Name of Agency:

## FORM OF AGREEMENT

General Hospital (Te	eaching), Peradeniya. (Hen	f [month] 20 [Year], between <b>Director</b> , reinafter called " <b>the Employer</b> "), of the one part and
	called "the Contractor"),	of the other part:
for General Hospital (	( <b>Teaching), Peradeniya (C</b> oyer has accepted the Bid by	or executes <b>Painting &amp; Electrical Work at OPD Building contract No:</b> ) ( <i>Hereinafter called "the</i> y the Contractor for the execution and completion of such
NOW THIS AGREEM	MENT WITNESSETH as f	follows:
them in the Conditi	<del>-</del>	Il have the same meanings as are respectively assigned to referred to, and they shall be deemed to form and be read
the Contractor here	by covenants with the Empl	the Employer to the Contractor as hereinafter mentioned, loyer to execute and complete the Works and remedy any the the provisions of the contract.
the works and rem	edying any defects wherein	ntractor in consideration of the execution and completion n, the Contract Price or such other sum as may become the times and in the manner prescribed by the contract.
	he parties thereto have cardance with laws of Sri Land	used this Agreement to be executed the day and year ka.
Authorized signature of COMMON SEAL		Authorized signature of Employer COMMON SEAL
In the presence of: Witnesses:		
Signature Address 2. Name and NIC	No	······································
Address		

### FORM OF PERFORMANCE SECURITY

(Unconditional)

Beneficiary: Director, General Hospital (Teaching), Peradeniya.
Date:
PERFORMANCE GUARANTEE No:
We have been informed that
for General Hospital (Teaching), Peradeniya (Contract No:
Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.
At the request of the Contractor, we
This guarantee shall expire, no later than theday of, 20[date, 28 days beyond the Intended Completion Date] and any demand for payment under it must be received by us at this office on or before that date.
[Signature (s)]

### FORM OF ADVANCE PAYMENT SECURITY

[Name, and Address of Issuing Branch or office]
Beneficiary: Director, General Hospital (Teaching), Peradeniya.
Date:
ADVANCE PAYMENT GUARANTEE No. :
We have been informed that
Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum
At the request of the contractor, we
[Signature (s)]

## **Section - 03**

## **CONDITIONS OF CONTRACT**

Conditions of Contract shall be read in conjunction with the Contract data in Section 5, which shall take precedence over the Conditions of Contract

### CONDITIONS OF CONTRACT

Conditions of Contract that will be applicable for this Contract shall be that given in Section 3 of the Standard Bidding Document for Procurement of Works, ICTAD Publication No. CIDA/SBD/01, Second Edition, January 2007 with addenda issued up to February 2011, published by the Institute for Construction Training and Development (ICTAD) "Savsiripaya", 123, Wijerama Mawatha, Colombo 07.

The above publication will not be issued with the Bidding Document and Bidder is advised to purchase it from ICTAD.

This Conditions of Contract shall be read in conjunction with Contract Data in Section 05 in Bidding Document which shall take precedence over the Conditions of Contract.

## **Section - 4**

## FORM OF BID AND QUALIFICATION INFORMATION

### FORM OF BID

Name of Contract: Painting & Electrical Work at OPD Building

To:	Director, General Hospital (Teaching), 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
	) 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 77 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
	(IN BLOCK CAPITAL)
Sign Addı	ature :
Witn	less :

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

ICTAD Registration	(Attach copies of relevant pages from the registration book)		
Registration number			
Grade (C6 or above)			
Specialty – (Building)			
Expiry Date			
<b>Blacklisted Contractors</b>			
Have you been declared as a defaulted contractor by NPA or any other agency? (Yes/No)			
If yes provide details			
VAT Registration Number			
<b>Construction Program</b>	(Attach as annex)		
Legal status	(Attach relevant status copies of sole propertier, partnership/company, as annex)		
Average annual volume of construction work performed in the last five years shall be at least 35million Year 2020 Year 2021 Year 2022 Year 2023 Year 2024	(Attach certified copies of certificate of completion, etc and other documents such as profit loss and income expenditure Statement)		
Value of similar works completed in last 5 years (Indicate only three largest projects)	(Attach certified copies of Letter of award & certificate of completion)		
Qualification and experience of key staff - Site & Head Office (Permanent, Contract Basis & Consultants)	(Attach certified copies of certificates)  Managerial / Technical:  1. Technical Assistant- Civil (Full time at site)-		
	<ul> <li>NVQ 5 or equivalent with minimum five years experience</li> <li>2. Technical Assistant- Electrical (Full time at site)- NVQ 5 or equivalent with minimum five years experience</li> </ul>		

As the estimate cost for the procurement exceeds the Rs.5 Million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate.

## Section - 5 BIDDING DATA AND CONTRACT DATA

#### G. BIDDING DATA

## Instructions to Bidders

Clause The Employer is Name: Secretory

(1.1) Address: Ministry Of Health & Mass Media

Suwasiripaya "

385, Rev Baddegama Wimlawansa Thero Mawatha, Colombo 10.

Work consists Painting Works, Electrical Works & Miscellaneous Works...etc.

For more information, please refer the Bill of Quantities.

(1.2) Intended Completion Date is 90 Days from the Start Date.

(1.3) The office for collection of bid form is

Director

General Hospital (Teaching),

Peradeniya

The non-refundable Bid fee is Rupees 3,500.00

The Bid forms will be issued from 2025.07.18 until 2025.07.31 from 09.00 hrs to 14.00 hrs.

(2.1) The source of funds is GOSL

(4.2) The registration required for main contractor:

Specialty - Building works Grade - C6 or above

- The Following information shall be provided in Section 4 for the bidder
  - CIDA Registration
    - o Registration number:
    - o Grade
    - o Specialty
    - o Expiry Date
  - VAT Registration number
  - Construction program
  - Legal status (Sole proprietor, partnership, company etc.)
  - Total monetary value of construction work performed for each of the last five years;
  - Experience in works of a similar nature and size for each of last five years;
  - Major items of construction equipment proposed to carry out the contract; (if specified equipment be needed)
  - Qualifications and experience of key site management and technical personnel proposed for the contract
  - As the estimate cost for the procurement exceeds the **Rs.5 Million** the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate

(4.4) Post qualification criteria:

The following minimum qualification criteria shall be met by the bidder to qualify for the award of contract.

- Average annual volume of construction work performed in the last five years shall be at least **Rs. 22 million**.
- Contractor has successfully completed at least a similar project to this by value and complexity during last five years (At least 70% of project should have been completed)
- The minimum amount of liquid assets or available credit facilities for utilizing at the time of bidding exclusive of any advance payments shall be not less than Rs. 10 million. as per clause 4.4 in bidding data
- Minimum persons with qualifications and experience.

### **Managerial / Technical**

Minimum persons with qualifications and experience to be defined,

- Technical Assistant Civil (Full time at site) NVQ 5 or equivalent with minimum five years' Experience.
- Technical Assistant Electrical (Full time at site) NVQ 5 or equivalent with minimum five years' Experience.

Content of Bidding Document

(8.1) Content of the bidding document changed as follows to fulfill bidder's requirement in submission of Bid.

The Bidding document comprise the documents listed below

Invitation for Bids

Section 1 – Instruction to Bidders

Section 2 - Standard Forms (Contract)

Section 3 - Condition of Contract

Section 4 - Form of Bid and Oualification Information

Section 5 - Bidding Data and Contract Data

Section 6 - Specifications

Section 7 - Bills of Quantities and Technical Schedules

Section 8 - Drawings

Section 9 - Standard Forms (Bid)

(9.1) Employer's address for the purpose of clarification is;

Name : Director

Address: General Hospital (Teaching),

Peradeniya.

Tel : Tel 081 - 3990312

- (11.1) The language of the bidding document shall be English.
- (12.1) The Bid submitted by the bidder shall comprise the following:
  - (A) enclosed in the envelope marked as "ORIGINAL";

(In the cover page highlighted as Volume I)

Invitation for Bids

Section 1 – Instruction to Bidders

Section 2 - Standard Forms (Contract)

Section 3 - Condition of Contract

Section 4 - Form of Bid and Qualification Information

Section 5 - Bidding Data and Contract Data

Section 6 - Specifications

Section 7 - Bills of Quantities and Technical Schedules

Section 8 - Drawings

Section 9 - Standard Forms (Bid)

Bid security or Bid-Securing Declaration as specified

- (B) enclosed in the envelop marked as "COPY"
  - (a) Form of Bid & qualification information
  - (b) Bill of Quantities
- (13.3) Only VAT will be paid.

VAT component shall not be included in the rates. The amount written in the Form of Bid shall be without VAT. However, VAT component shall be shown separately at the end of the BOQ.

- (13.4) The Contract is **not subjected** to price adjustment in accordance with Clause 47 of the Conditions of Contract.
- (15.1) The Bid shall be valid up to 77 Days from closing date of Bid.
- (16.1) Bid shall include a Bid Security using the form included in Section 9.
- (16.2) Bid Security shall be;
  - For an amount Rs. 220,000.00.
  - Valid until 105 days from closing date of Bid (Including closing date of bid).

Securities and guarantees issued by an agency acceptable to employer using the forms for bid security (unconditional guarantee) included in section 09, Standard forms.

- Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.
- Constructions Guarantee Fund

(19.2) a The Employer's address for the purpose of Bid submission is:

Chairman, Regional Procurement committee, Teaching Hospital Peradeniya,

.

(19.2) b Contract name: Painting & Electrical Work at OPD Building for General Hospital (Teaching), Peradeniya

Contract No. : THP/AD/27/2025

(20.1) The deadline for submission of Bids shall be 10.30 hrs on 2025.08.01

(34.0) The amount of Performance security is 5% of the Initial Contract Price.

The form acceptable is sample format which is in Section 2, Standard Forms.

Securities and Guarantees issued by an agency acceptable to employer using the forms for Performance Bond (Unconditional Guarantee- Validity should be 28 days beyond defect liability period) included in Section 2, standard forms. The agencies acceptable to the Employer are

- Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.
- Constructions Guarantee Fund
- (35.1) The advance payment security is 20% of the initial Contract price excluding provisional sum.

Securities and guarantees issued by an agency acceptable to employer using the forms for Advance Payment Bond (Unconditional Guarantee -Validity should be 28 days beyond Intended Completion date) included in—Section 2, Standard Forms. The agencies acceptable to the Employer are

- Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.
- Constructions Guarantee Fund
- (36.0) At the time of awarding stage of contract, an **Adjudicator** will be jointly appointed by the client and selected bidder.

Appointing Authority is Construction Industry Development Authority (CIDA), "Savsiripaya", 123, Wijerama Mawatha, Colombo 07.

Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case to case basis and shall be shared by the Contractor and the employer.

#### CONTRACT DATA

### (Please note that the Clause nos. given hereunder is that of Conditions of Contract)

(1.1) The Employer is

Name : Secretory

Address : Ministry Of Health & Mass Media

Suwasiripaya "

385, Rev Baddegama Wimlawansa Thero Mawatha Colombo 10.

Name of Authorized Representative:

Director,

General Hospital (Teaching),

Peradeniya

(1.1) The Engineer is

Name : The General Manager

Address : Central Engineering Consultancy Bureau

: No.415, Bauddhaloka Mawatha,

: Colombo 07.

Name of Engineer's Representative: Project Manager (Hospital Consultancy Works)

**CECB Office- Digana** 

Tel: 0812-376320/Fax: 0812-374228

(1.1) Work consists of Painting Works, Electrical Works & Miscellaneous Works...etc.

For more information, please refer the Bill of Quantities.

(1.1) Site is located at General Hospital, Peradeniya

(1.1) The Start Date shall be **fourteen (14) Days** from the Letter of Acceptance.

(8.1) Schedule of other contractors: None

(9.1) Schedule of Key Personnel:

Minimum persons with qualifications and experience to be defined,

#### Managerial / Technical

- Technical Assistant- Civil (Full time at site) NVQ 5 or equivalent with minimum five years Experience.
- Technical Assistant- Electrical (Full time at site) NVQ 5 or equivalent with minimum five years Experience.

(13.1) The minimum insurance cover shall be:

The minimum cover for insurance of the Works and of Plant and Material is 110% of the Initial Contract price.

• The maximum deductible for insurance of Works and of Plant and Material is 5% of initial Contract price.

### **Contractor's Equipment**

(b)

(c)

- The minimum cover for loss or damage to Equipment is "Cost of equipment"
- The maximum deductible for insurance of Equipment is 5% of the minimum cover for equipments

The minimum cover for insurance of other property (other than the site):

• Five Hundred Thousand

The minimum cover for personal injury or death: Third Party & Employer

- For third party and employees of the Employer and other persons engaged by the Employer in the Works is **Rupees Five Hundred Thousand** per event. Number of events unlimited.
- (13.2) (a) The minimum cover for personnel injury or death- Contractor's workers and Staff,
  - For the Contractor's workmen is Rs. **500,000.00** per event. Number of events unlimited. This Insurance cover shall be governed as per the workmen compensation Act of Sri Lanka
  - Contractor's employee's other than workmen is Rs. **500,000.00** per event. Number of events unlimited.
- (17.1) The Intended Completion Date for the whole of Works shall be 90 Days from the Start Date.
- (21.1) The Site Possession Date shall be Fourteen (14) Days from Letter of Acceptance.
- (27.1) The Contractor shall submit a realistic Construction Programme for the works within Seven **Days** of delivery of the Letter of Acceptance.
- (27.3) The period between Programme update is **30 Days**. But Contractor shall submit a revised programme whenever the previous programme is inconsistent with actual progress.
- (27.4) The amount to be withheld for late submission of an updated Programme is 2% of Initial Contract Price.
- (35.1) The Defects Liability Period is 365 Days.
- (39.2) Engineer may order variations up to a total cumulative bill value including variation not exceeding 110% of initial contract sum

(40.2) In fixing the appropriate new rates, mark up for overheads & profits shall be limited to maximum of 16% of the "Basic Cost" of such items. The Basic cost means cost of materials, labour and equipments.

In fixing such "Basic cost" the Engineer shall use the rates for labour as given below and prices for materials and equipments shall be used the prevailing market prices."

Category	Rate (Rs)
Special Skill Labour	4,000.00
Skill Labour	3,500.00
Semi Skilled Labour	2,600.00
Un Skilled Labour	2,500.00

(47.1)

The contract is not subject to the price adjustment.

(48.1) The retention from each payment shall be **Ten percent** of the certified work done.

The limit of retention shall be **Five percent** of the Initial Contract Price.

- (48.3) Not applicable.
- (49.1) The liquidated damages for the whole of the Works shall be 0.05% of the Initial Contract Price per Day.

The maximum amount of liquidated damages for the whole of the Works shall be **Ten percent** of the Initial Contract Price.

- (52.1) The Performance Security shall be Five percent of the Initial Contract Price.
- (58.1) Schedule of Operating and Maintenance Manuals. As built drawings and operation manuals shall be submitted within 14 days after completion of each activity
- (60.1) The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is **Twenty Five percent** of Balance work according to the Initial Contract Price.
- (63.7) The attendance fee payable to the contractor on nominated/specialized sub contract work shall not exceed 8%

## Section - 6 SPECIFICATIONS

### GENERAL SPECIFICATIONS

The works under this contract shall be executed in accordance with the specifications given in the following documents issued by the Institute for Construction Training and Development (ICTAD), "Savsiripaya", Wijerama Mawatha, Colombo-07, as applicable. The specifications given in this document, if any, shall take precedence over the ICTAD documents wherever relevant.

- 1. Specification for Building Work Sri Lanka (Vol. I) 3<sup>rd</sup> Edition (Revised July 2004). ICTAD Publication No. SCA/4 (Vol. 1)
- **2.** Specification for Building Work Sri Lanka (Vol. 2) Sanitary Installation. 2<sup>nd</sup> Edition (Revised October 2001). ICTAD Publication No. SCA/4 (Vol. II).
- **3.** Specification for Irrigation and Land Drainage Works Sri Lanka 2<sup>nd</sup> Edition (Revised Nov 1999). ICTAD Publication No. SCA/3/1
- **4.** Specification for Water Supply & Sewerage and Storm Water Drainage Works Sri Lanka 2<sup>nd</sup> Edition (Revised April 2002). ICTAD Publication No. SCA/3/2.
- **5.** Specification for Reclamation Works Sri Lanka 2<sup>nd</sup> Edition (Revised December 1999). ICTAD Publication No. SCA/3/3.
- **6.** Specification for Ground Water Exploration and Exploitation Works Sri Lanka 2<sup>nd</sup> Edition (Revised May 1999). ICTAD Publication No. SCA/3/4
- 7. Specification for Electrical and Mechanical Works associated with Building & Civil Engineering Sri Lanka. ICTAD Publication No. SCA/8 2<sup>nd</sup> Edition (Revised August 2000).
- **8.** Specification for Site Investigation for Building Works and Sample Bill of Quantities 1<sup>st</sup> Edition (April 1997). ICTAD Publication No. ICTAD/DEV/17

And any other standard specifications approved by the Government.

Eligible bidders are expected to be fully acquainted with the above documents and hence these will not be issued to the bidders with this document.

Bidders may purchase same, if necessary, from ICTAD, "Savsiripaya", WijeramaMawatha, Colombo 07.

## Section - 7 BILL OF QUANTITIES

## PAINTING & ELECTRICAL WORK AT OPD BUILDING GENERAL HOSPITAL (TEACHING) - PERADENIYA

### **SUMMARY**

ITEM	DESCRIPTION	AMOUNT Rs. Cts.
A	PRELIMINARIES	
В	PAINTER & DECORATOR	
С	ELECTRICAL WORKS	
D	MISCELLANEOUS WORKS	
(a)	Sub Total I	
(b)	Ddt: Provisional Sum	1,670,000.00
(c)	Sub Total II	
(d)	Ddt :% Discount	
(e)	Sub Total III	
(f)	Add: Provisional Sum	1,670,000.00
(g)	Total amount for Bid	
(h)	Add : 18% VAT	
(j)	Total Amount with VAT	

Total Sum carried to Form of bid in words Rupees (without VAT)			
Signature of the Contractor :-	Witness:-		
Address:-	Address :-		

Date :-

Date :-

## PAINTING & ELECTRICAL WORK AT OPD BUILDING GENERAL HOSPITAL (TEACHING) - PERADENIYA

#### **PRELIMINARIES**

#### Note:

- The Engineer/ Consultant may modify or amended any item, or delete inappropriate item/s or add new item/s, depending on the nature of the proposed work.
- 2 Mode of payment are as below.

Mode of Payment	Category
Reimburesement of actual cost on submission of the relevant document acceptable to the Engineer plus 5% of the actual cost of obtaining the insurance policies and securities.	A
60% on completion of temporary buildings or structures. 30% in equal installments over the contract period and balance 10% on dismantling and removal on completion.	С
Paid on satisfactory completion of the item	D
In equal installments over the contract period.	Е
Mode of payment to be mutually agreed between contractor and the employer at the commencement of contract in relation to the program of work.	F
On the completion of work	G

- 3 The above recommended percentage may be adjusted by the Employer/Consultant to suit the particular project.
- 4 The tenderer is advised to visit the site of the proposed work, as it is his responsibility to ascertain the conditions, space govering access to the site, external working space, storage area, status of the adjoining properties etc.
- 5 Any preliminary item not listed below but deemed to be included in the tender rates, as no extras would be made.

Item	Description	Mode of payment Category	Unit	Amount Rs. Cts.
A	<u>PRELIMINARIES</u>			
	Insurance & Securities			
A1	Provisional Sum for providing a Performance Security	A	P.S	34,000.00
A2	Provisional Sum for providing an Advance Payment Security	A	P.S	68,000.00

Item	Description	Mode of payment Category	Unit	Amount Rs. Cts.
A3	Provisional Sum for insurance of Works, Machinery & Equipment, Plant, Materials, third party persons & property at site as per the Contract. (All Risk Policy)	A	P.S	45,000.00
A4	Provisional Sum for insurance against accidents and injury to Contractor's personel as per the Contract. (Workmen Compensation)	A	P.S	23,000.00
	Contractor's Facilities			
A5	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, a temporary site office, stores of adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the Contractor and concurred by the Engineer.		Item	
	Quality, Standars and Progress			
A6	Allow lump sum for provision of 3 sets of (Hard copies and soft copies) as built drawings of all services, for Engineer's approval.	D	Item	
	Health, Safety & Environment			
A7	Allow lump sum for providing all necessary safety measures to workmen at site conforming to the latest industrial safety regulations and as directed by the Engineer.	Е	Item	
A8	Allow lump sum for maintaining the site in a clean and orderly manner at all times and during the entire contract period, demobilization, removal of all rubbish, debris and clearing up site on completion, leaving all in good order and handing over.		Item	
	Services & Facilities			
A9	Allow lump sum for supply of water for the works and paying all charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, storage and reticulation.	E	Item	
	Sub Total carried to Grand Summar	y		

## PAINTING & ELECTRICAL WORK AT OPD BUILDING GENERAL HOSPITAL (TEACHING) - PERADENIYA

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
В	PAINTER & DECORATOR  Note: (1) Painting rates included for all kind of surface preparations required such as washing, cleaning, with detergents, scraping of existing paints where necessary, repairing of small cracks & patches with plaster of Paris & whiting powder sand papering etc. irrespective of the surface preparation described under each item except for the following.  (a) Complete remove of existing paint (100%) to exposed the original plaster. (b) Repairing of cracks with cement sand mortar (2) Rates for Varnish items includes all kind of surface preparations staining & sanding sealer etc. except complete (100%) removal of existing varnish to expose bare surface.				
	Rate include for cost of the scaffoldings.				
B1	Paint filler, applying two coat to walls after cleaning and preparing surface.	m <sup>2</sup>	4000		
B2	Paint filler applying two coat to soffit & beams after cleaning and preparing surface.	m <sup>2</sup>	3800		
В3	Paint emulsion two coats, after preparing and applying one coat of alkali-resisting primer to the walls.	m <sup>2</sup>	200		
B4	Paint emulsion, applying two coats to walls after cleaning and preparing surface.	m <sup>2</sup>	1950		
В5	Paint exterior emulsion, applying two coats after cleaning and preparing on surfaces.	m <sup>2</sup>	2050		
В6	Paint emulsion, applying two coats to soffit after cleaning and preparing surface.	m <sup>2</sup>	3450		
В7	Paint exterior emulsion, applying two coats to ceilling or soffit after cleaning and preparing on surfaces.	m <sup>2</sup>	350		
В8	Paint enamel, applying two coats after cleaning and preparing surface.	m <sup>2</sup>	2500		
В9	Painting of Hospital bed wih two coats of enamel paint including surface preparation.	nr	20		
B10	Painting of Patient Trolley wih two coats of enamel paint including surface preparation	nr	15		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
B11	Painting of Ceiling Fan and rod wih two coats of enamel paint including surface preparation	nr	20		
B12	Polyurethane varnish, applying two coats after sand papering and cleaning surface .	m <sup>2</sup>	800		
	Sub Total Carried to Summar	y			
C	ELECTRICAL WORKS				
I	Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.				
II	Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates.				
III	Where reference is made to certain manufactures' products and items identified by registered trade marks, has been done for the sole purpose of defining and establishing standards of quality and performance and not with the intention of restricting the procurement of material or fitting to a particular manufacturer. However all equipment and material should meet the BS or an equivalent standard.				
IV	Testing and commissioning of the electrical installation is to be carried out by the contractor and inspection report submitted according to the requirements of the power supply Authority.				
V	Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation.				
VI	All the quantities given here are approximated values and Quantities may change with the actual installation at the site.				
VII	All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.				
VIII	All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.				
	Electrical Distribution System				
C1	Three Phase Consumer Unit (TCU)				
	Supply and installation of switch gear cubicle made out of (1.5mm thickness) sheet steel (IP54) stove enameled or powder coated for the finish with one coat of primer, surface type steel enclosure to the approval of the engineer with following equipment.				
	01 Nos. 32A, 4P MCB,6kA				
	03 Nos. 32A, 2P MCB,6kA				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	01 Nos. 40A 2P RCCB, 30mA sensitivity				
	10 Nos. 6-32A, 1P MCB,6kA				
	01 Set of 50A Cu Bus bars for L1,L2,L3 & N				
	01 No Earth Bar				
	01 Set of indicators with protection				
	All internal connections.				
	Equipment to be to the BS/IEC				
C1.1	In ground floor (GTCU)	No.	1		
	In first floor (1TCU)	No.	1		
C2	Single Phase Consumer Unit (CU)				
	Supply and installation of switch gear cubicle made out of (1.5mm thickness) sheet steel (IP54) stove enameled or powder coated for the finish with one coat of primer, surface type steel enclosure to the approval of the engineer with following equipment.				
	01 Nos. 40A, 2P Isolator				
	01 Nos. 40A 2P RCCB, 30mA sensitivity				
	10 Nos. 6-32A, 1P MCB,6kA				
	01 Set of 50A Cu Bus bars for L1,L2,L3 & N				
	01 No Earth Bar				
	01 Set of indicators with protection				
	All internal connections.				
	Equipment to be to the BS/IEC				
C2.1	In ground floor (GCU1 & GCU2)	Nos.	2		
C2.2	In first floor (1CU1 & 1CU2))	Nos.	2		
	Cable management system				
C3	PVC Trunking				
	Supplying and installation of 100 × 50mm PVC Trunking as necessary.	m	120		
C4	PVC Casing Supplying and installation of 50×25mm PVC Casing as	m	300		
	necessary.				
C5	Supplying and installation of 25×16mm PVC Casing as necessary.	m	300		
	Cables				
С6	Supply and installation (with all materials required including conduits and termination) of following cables.				
C6.1	6mm <sup>2</sup> Cu/PVC/PVC 1C×4 cable + 6mm <sup>2</sup> Green & Yellow Earth cable from existing FDB to TCUs.	m	20		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
C6.2	6mm <sup>2</sup> Cu/PVC/PVC 2C cable + 6mm <sup>2</sup> Green & Yellow Earth cable from existing TCUs to CUs.	m	160		
	Light Fittings				
	Note :-				
	Warranty of all LED bulbs must be minimum two years.				
C7	Supply and installation of 1200 mm long single 20W LED Tube light fitting, minimum flux 2000 lumens with all accessories.	Nos	30		
C8	Supply and installation of $1200 \text{ mm}$ long double $20 \text{W} \times 2$ LED Tube light fitting, minimum flux $2000 \text{x} 2$ lumens with all accessories.	Nos	60		
С9	Supply and installation of indoor type wall mounted light fitting with 9W LED, minimum flux 700 lumens with accessories.	Nos	6		
	Light Point Wiring				
C10	Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm <sup>2</sup> copper cable drawn through securely fixed concealed PVC conduit/casing.	Nos	96		
C11	Supply and installation of 1200mm long 20W LED tube bulb, minimum flux 2000 lumens with accessories.	Nos	300		
C12	Allow Provisional sum for Removing existing defect light fittings, socket out lets & properly handing over to the client. Cost for cleaning and repainting of existing light fittingsetc.	F	P.S		1,000,000.00
	Socket Outlets				
	13A Socket outlets				
C13	Supply & installation of 13A shuttered switched single socket outlet to comply with BS.	Nos	135		
	Wiring of 13A Socket outlets (radial circuit)				
C14	Wiring (including supply of all material required ) of 13A socket outlets using approved type 2.5mm2 Cu/PVC/PVC, 2C cable & 2.5mm2 earth cable drawn through securely fixed concealed PVC conduit.	Nos	135		
	13A Plug Top				
C15	Supply and installation of 13A Plug top with fuse and accessories.	Nos	40		
	Fans				
	Wall fans				
C16	Supply & installation of wall fan, 400mm (16"), 52W, min. 2200 CFM with Metal blade, speed regulator & accessories.	Nos	20		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
C17	Wall Fan point wiring  Supplying, wiring and installation 2.5mm <sup>2</sup> 2C  Cu/PVC/PVC cable and 2.5mm <sup>2</sup> Cu/PVC earth conductor and 13 Amp single switch socket outlet with all accessories (including switch socket outlet).	Nos	20		
	Inspection and Testing - Electrical installation				
C18	Testing the installation and rectify any defects and submit a certificate by a Chartered Electrical Engineer. (including 1 sets of as built drawing of the electrical distribution system)		em		
	Sub Total Carried to Summar	у			
D	MISCELLENIOUS WORKS				
D1	Cut & polishing terrazzo floor & skirtings.	$m^2$	1500		
D2	Removing & stacking Door or window sash size up to 4.0m <sup>2</sup> from existing frames.	m <sup>2</sup>	15		
D3	Fabricating & fixing door 28mm (Nominal 2628mm) thick, plywood sash with 95mm x 70mm (Nominal) treated Kempas timber frame, oxidized heavy-duty furniture with original mortise door lock approved by an engineer with 1 No of 150mm oxidized barrel bolt. The rate included primer undercoat & two coats of enamel paint. (3Nos of hinges)		3		
D4	Supplying & fixing of Guage 100 Microns sand blasting sticker or tinted stickers including surface preparation as per working order.	m <sup>2</sup>	10		
D5	Fabricating and fixing Powder-coated aluminium partition with aluminium architectural sections with 60 - 80 micron coating, glazed and panelled with 4 mm cladding board, at the bottom and 4.6mm thick glass at the top.		10		
D6	Fabricating and fixing Powder-coated aluminium hinged type sash Bathroom door with aluminium architectural sections with 60-80 micron coating glazed and panelled or fully panneled with 3mm cladding board at bottom and top. Including door lock with handle etc.	m <sup>2</sup>	4		
D7	Repairing glazed / panelled window sash using class 1 or above timber up to 28mm thick planks.	nr	2		
D8	Supplying & fixing approved cistern plastic with 20mm(1/2") chromium-plated flexible hose. (Rocel or equivalent)	nr	2		
D9	225mm x 20mm thick timber wall guard using "Mahogany" inclusive of applying one coat of primer & two coats of enamel paint after cleaning and preparing surface. (Rate include for preparing edges smooth)	m	5		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
D10	Supply, fabricate and fixing aluminium cupboard having breadth of 450mm & height 650mm using 40mm x 25mm powder coated aluminium box bar frame work panelling with 4mm thick Composite board and swing type sashes made out of powder coated aluminium CNT bar frame work panelling with 4mm thick Composite board. Intermediate shelves (300mm) and shelf dividers should be made of 4mm thick composite boards and all edges should be finished with 12mm x 12mm aluminium 'L' angles. Rate to include for necessary rubber beadings, door handles, locks, fixing arrangement and other accessories.		3		
D11	Fabricating & fixing security weld mesh door sash with locking device, in GI weld mesh 50mm x 50mm SWG 10, welded on 40mm x 40mm x 5mm MS angle frame complete with application of two coats enamel paint over two coats of anticorrosive paint complete.		1		
D12	Laying & Removing Safety nets	m <sup>2</sup>	2000		
D13	Allow for repairing doors, replacing damagesd glass panes, repairing water leakages, replacing damged/ unworkable bed curtains with all accessories, replacing damged cupboards locks, door closer, supplying & fixing cladding boards & other unforeseen works.				500,000.00
	Sub Total Carried to Summar	y			

## Section - 8 DRAWINGS

## **Section - 9**

## **STANDARD FORMS (BID)**

• Bidders shall submit the completed Form of Bid Security/Bid Securing Declaration as appropriate in compliance with the requirements of the bidding documents.

### FORM OF BID SECURITY

	[Insert issuing agency's name and address of issuing branch or office]
Beneficiary:	Director, General Hospital (Teaching), Peradeniya
Date:	[Insert (by issuing agency) date]
We have been agency) name	NTEE NO.:
Furthermore, v	we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.
amount in work stating that the  (a) has wi  (b) does n  ITB");	
fails to	g been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) refuses to execute the Contract Form, if required, or (ii) fails to refuses to furnish a Performance ty, in accordance with the ITB.
and the (b) If the (c) Our red	e shall expire: Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the bidder e Performance Security issued to you by the Bidder; or Bidder is not the successful bidder, upon the earlier of ceipt of a copy of your notification to the Bidder that the bidder was unsuccessful, otherwise it main in force up to 28 days beyond the validity of the bid. ()
Consequently, that date.	any demand for payment under this guarantee must be received by us at the office on or before
	[Signature of authorized representative(s)]

### **Non-collusion Affidavit**

The undersigned bidder or agent, hereby solemnly, sincerely, and truly declares and affirms/makes an oath and states as follows;

- a) That he/she has not, nor has any other member, representative, or agent of the firm, company, corporation, or partnership representing him/her, entered into any combination, collusion, or similar agreement with any person in connection with the price to be bid;
- b) That he/she or anyone representing him/her has not taken any step whatsoever to prevent any person from bidding, nor to induce anyone to refrain from bidding; and
- c) That this bid is made without reference to any other bid and without any agreement, understanding, or combination with any other person in reference to this bid.

He/she further states that no person, firm, or corporation has received or will receive, directly or indirectly, any rebate, fee, gift, commission, or thing of value in connection with the submission of this bid.

The bidder accepts full responsibility for ensuring the absence of collusion and hereby pledges to abide by fair and ethical competition practices throughout the procurement process and fully comply with the applicable Procurement Guidelines.

I hereby affirm, under the penalties for perjury, that all statements made by me in this affidavit are true and correct.

The foregoing Affidavit having been duly read over and explained by me to the Affirmant above named and he/she having understood the contents therein and admitted to be correct, affirmed and set his/her signature hereto before me) on this .... day of ... at ...

BEFORE ME, JUSTICE OF THE PEACE/COMMISSIONER OF OATHS

## **Check List for Bidders**

Bidders are advised to fill the following table:

ITEM	ITB Clause	Yes (tick)	REFERENCE
Form of Bid			
Addressed to the Employer?	18		
Completed?	18		
Signed?	18		
Bid securing Declaration form (if required)			
Properly filled and singed	16		
Bid Security (if required)			
Addressed to the Employer?	16		
Format as required?	16		
Issuing Agency as specified?	16		
Amount and currency as requested?	16		
Validity 28 days beyond the validity of Bid?	16		
Qualification Information			
All relevant information completed?	4		
Signed?	4		
Addendum			
Contents of the addendum (if any) taken in to account?	10		
BID package			
All the documents given in ITB Clause 12 enclosed in the original and copy?	12		
ITB Clause 19 followed before Sealing the Bid Package?	19		